

UNDER-GRADUATE PROSPECTUS



Xi'an Jiaotong-Liverpool University

西交利物浦大學

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XI'AN JIAOTONG-LIVERPOOL UNIVERSITY



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FIND YOURSELF... WITH A UK DEGREE IN CHINA

“

You are a future entrepreneur, scientist, architect, engineer, diplomat, researcher, educator or executive in our increasingly global environment.

You have a desire 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.

XJTLU AT A GLANCE



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.



WORLD-CLASS CAMPUS

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

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



MOVING UP IN GLOBAL RANKINGS

Ranked 34th among the best universities in China by Times Higher Education (THE) in 2021. In the Emerging Economies University Rankings 2021 by THE, XJTLU ranked 112th.



GROWING GLOBAL COMMUNITY

21000+ students and 1600+ academic staff from 90 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.

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.

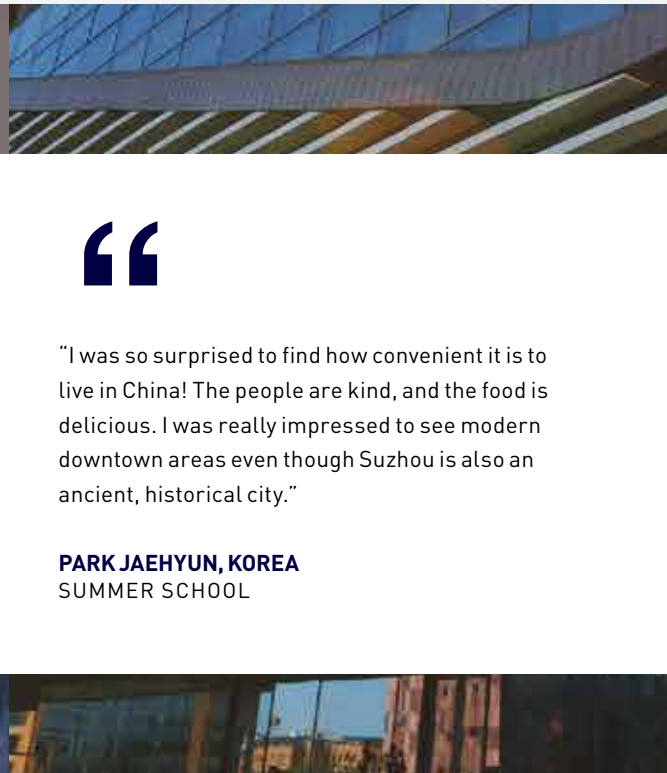
LEARN A NEW LANGUAGE

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



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. Also, International Business School Suzhou (IBSS) at XJTLU officially achieved the "triple crown" accreditation of EQUIS, AACSB and AMBA in 2020.

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



DISTINGUISHED INTERNATIONAL FACULTY AND RESEARCHERS

XJTLU has over 1600 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.



PROFESSOR ENG GEE LIM
ADVANCED TECHNOLOGY



DR GRAHAM DAWSON
CHEMISTRY



DR BEIBEI TANG
CHINA STUDIES



PROFESSOR LI CHUAN EVELYN MAI
SCHOOL OF FILM AND TV ARTS
SCHOOL OF CULTURAL TECHNOLOGY



PROFESSOR STUART PERRIN
XJTLU ENTREPRENEUR COLLEGE (TAICANG)



DR MIN CHEN
ADVANCED TECHNOLOGY



DR ALESSANDRA CAPPELLETTI
INTERNATIONAL STUDIES



PROFESSOR MU WANG
ACADEMY OF PHARMACY



DR JUANN HUNG
INTERNATIONAL BUSINESS SCHOOL, SUZHOU



PROFESSOR DAVIDE LOMBARDI
ARCHITECTURE



DR KONSTANTINOS PAPANIKIS
CIVIL ENGINEERING



PROFESSOR JOHANNES KNOPS
HEALTH AND ENVIRONMENTAL SCIENCES



EXPERIENCE CHINA

With the Asian 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 also forge new friendships 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, traverse 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 of the world's population speak Chinese, and it will become increasingly influential in the future. Learning the 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.

KEY FACTS

LOCATION	JIANGSU PROVINCE, EAST CHINA
POPULATION	12.7 MILLION
GDP	RMB 2.27 TRILLION (USD 335 BILLION)
TIME ZONE	GMT +8 HOURS
WEATHER	JANUARY (-3 C - 10 C) JULY (28 C - 35 C)
AIRPORTS	SHANGHAI HONGQIAO (74KM) SHANGHAI PUDONG (123KM) WUXI SUNAN SHUOFANG (51KM)



"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



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 opportunities 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.

AWARD-WINNING CAMPUS

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, a multi-purpose sports centre, a playing ground, a running track, and a variety of catering facilities.



XJTLU NORTH CAMPUS



XJTLU SOUTH CAMPUS



XJTLU LIBRARY

STUDENT LIFE

An education at XJTU brings with it not only outstanding academic opportunities, but also the chance to expand one's horizons socially and culturally.

XJTU students study hard, but they also lead full and ambitious lives between classes. Student clubs and societies play an important role at XJTU with more than 170 organisations centred on art, sports, entrepreneurship, social service, academia and science, to name but a few.

XJTU 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.



XJTU SPORTS CENTRE

SELECTION OF STUDENT CLUBS AND ACTIVITIES

- ACTION! GREENER
- ART TRAINING CENTRE
- BILLIARDS CLUB
- BIOSCIENCE CLUB
- BUDDY PROGRAMME
- COMMUNICATION SOCIETY
- CRICKET CLUB
- DEBATING CLUB
- HISTORY CLUB
- KARATE CLUB
- LEMEI CHARITY
- LOX-TV
- MODEL UNITED NATIONS
- STUDENT UNION
- SCIENCE & INNOVATION ASSOCIATION
- STUDENT AMBASSADOR ASSOCIATION
- STUDENT ENGLISH ASSOCIATION
- STUDENT NEWS CENTRE
- VOLUNTEER ASSOCIATION
- ULTIMATE FRISBEE CLUB

SPORTS FACILITIES

- RUNNING TRACKS
- TENNIS COURTS
- BASKETBALL COURTS
- FOOTBALL FIELDS
- INDOOR GOLF PRACTICE
- SPORTS HALL
- FITNESS AND WEIGHTS
- ROCK CLIMBING WALL
- DANCE AND YOGA STUDIOS

FOOD AND SHOPPING

- CANTEENS AND COFFEE SHOPS
- BAR AND RESTAURANTS
- DOWNTOWN SUZHOU



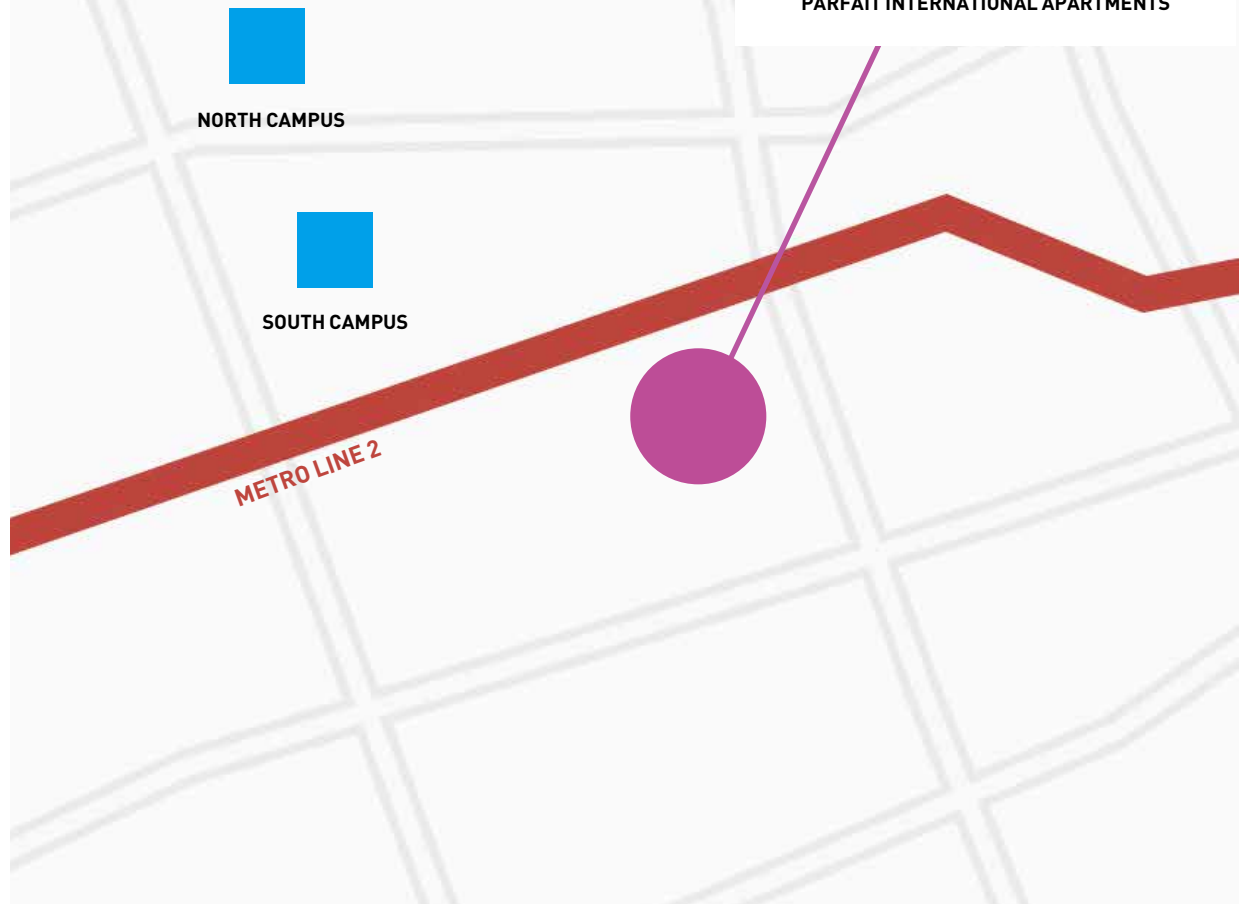
SIP CAMPUS ACCOMMODATION

The available option for international, Chinese HK, Macao, and Taiwan students studying in SIP is the Parfait International Apartments. The accommodation facilities are located around 10 minutes walk from campus. After you have received your unconditional offer and paid a deposit, we will assist in booking your room.










If you have been admitted into year one of a Taicang undergraduate programme, you will study at XJTLU SIP Suzhou campus for the first year then move to Taicang campus for the remaining three years. Therefore, year one Taicang students should read the Suzhou SIP Campus accommodation information and book it accordingly.



PARFAIT INTERNATIONAL APARTMENTS



WENCUI: PARFAIT INTERNATIONAL APARTMENTS

	 Kitchen	 En-suite bathroom option	 Prices per month	 Distance to Campus
	Yes, shared	Private	1650-1980 RMB (USD 242-265)	1km
				
				
				
				

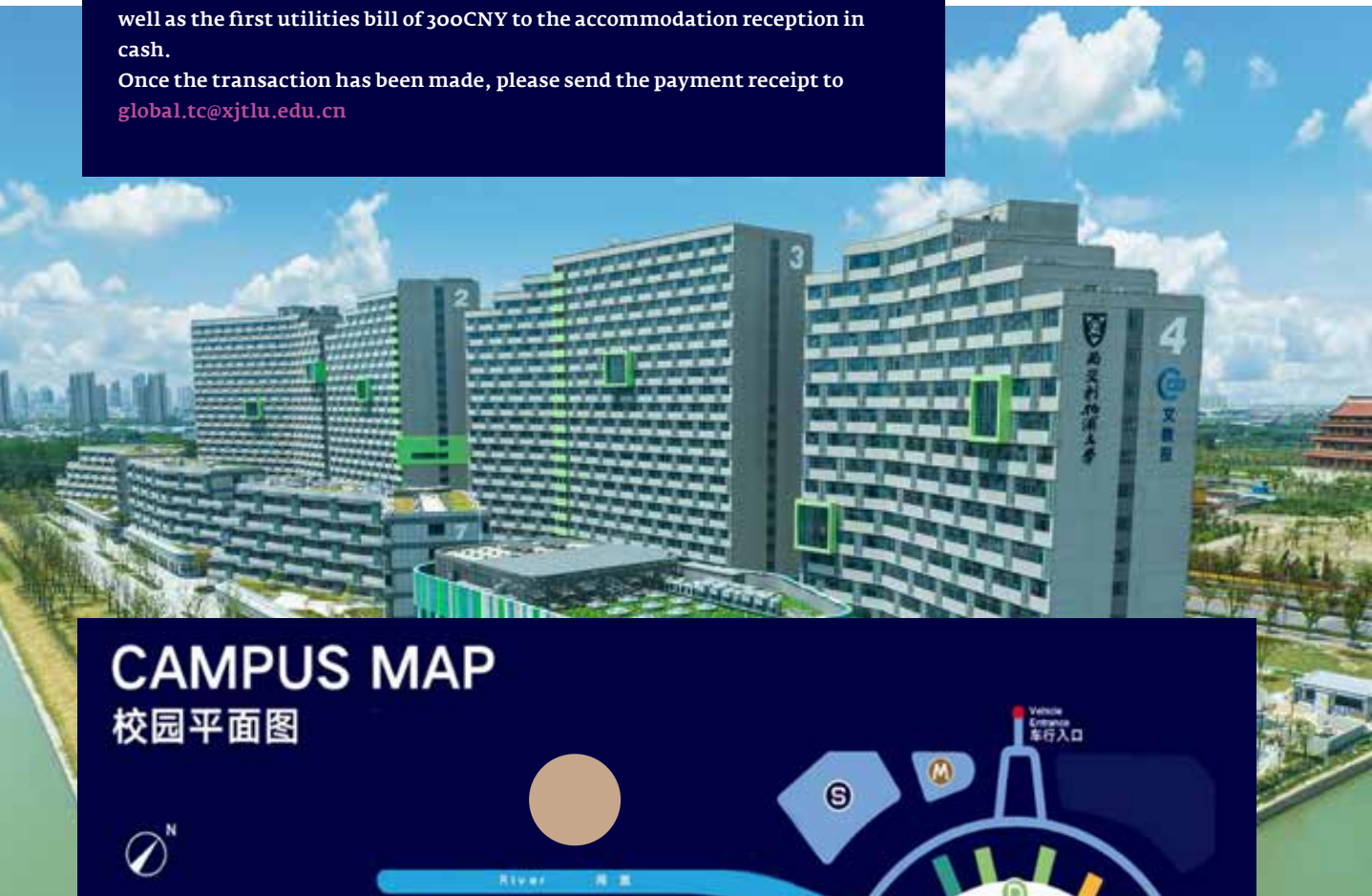
*Accommodation info and room availability may change. For detailed information or to book a room, please refer to XJTLU website or contact: global@xjtlu.edu.cn (for SIP campus) OR global.tc@xjtlu.edu.cn (Taicang campus)

TAICANG CAMPUS ACCOMMODATION

Taicang campus accommodation is a 5-min walk from the campus. It is in a square with a basement mall of many shops, including mobile phone outlets, coffee shops, supermarkets and many restaurants.

Taicang accommodation fee needs to be paid to XJTLU before you check into the accommodation. Upon check-in, you need to pay a deposit of 300CNY as well as the first utilities bill of 300CNY to the accommodation reception in cash.

Once the transaction has been made, please send the payment receipt to global.tc@xjtlu.edu.cn



CAMPUS MAP

校园平面图



ENTREPRENEUR APARTMENT

Room Type	Kitchen	Distance to Campus	Prices	En-suite bathroom option
Twin Room (2 students to share)	No (cooking not allowed, many restaurants and shops in accommodation area and on campus)	500 meters	6000CNY/bed/academic year (for degree students) or 650CNY/bed/month (for course period less than a year)	Private
Single Room			14000CNY/room/academic year (for degree students) or 1500CNY/room/month (for course period less than a year)	



Twin Room



Single Room










*Accommodation info and room availability may change. For detailed information or to book a room, please refer to XJTLU website or contact: global@xjtlu.edu.cn (for SIP campus) OR global.tc@xjtlu.edu.cn (Taicang campus)

BUDGET

Suzhou is a beautiful, safe, modern affordable city just 25 minutes from Shanghai, and was recently rated in the Economist magazine as the 'most liveable city in mainland China'. You get all the benefits of living in a big city but without the high costs.

Compared to other modern cities around the world, living costs are much lower in Suzhou.

Below are three sample lifestyles which you can refer to when planning your budget.

 CUP OF COFFEE 15 - 35 RMB (US\$ 2 - 5)	 CANTEEN LUNCH 20 RMB (US\$ 3)	 FAST FOOD 35 RMB (US\$ 5)
 CINEMA TICKET 20 - 80 RMB (US\$ 3 - 11)	 HAIRCUT 25 - 200 RMB (US\$ 3.50 - 28)	 SWIMMING ACCESS 15 - 35 RMB (US\$ 1.50 - 2)
 BUS TICKET 1 - 2 RMB (US\$ 0.15 - 0.30)	 SUBWAY TICKET 2 - 7 RMB (US\$ 0.35 - 1)	 TRAIN TO SHANGHAI 40 RMB (US\$ 5.50)

ITEMS	STUDENT A	STUDENT B	STUDENT C
	Resides in international halls and lives cheaply, i.e., only eating Chinese food from the university canteen, avoiding clubbing or drinking, and occasionally taking the bus or metro into the old town.	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.	Lives the expat lifestyle, normally eating in western restaurants and going to bars. He owns a bicycle and takes taxis regularly.
RENT	2,550 (Parfait Hotel and Apartment, for a contract over 91 days)	2,700 (Scholars' Apartment, for a contract over 91 days)	3,700
UTILITIES	300	400	500
INTERNET	100	100	100
MOBILE PHONE	100	100	100
FOOD	1,300	2,000	3,000
TRANSPORT	100	300	300
LUXURIES	0	1000	2000
MONTHLY TOTAL	4,450	6,600	9,700

In addition to your tuition fees, travel and monthly living costs, you should also allocate budget for:

- Service charges (textbooks, ID cards, printing etc.) : 1,000 RMB / semester
- Visa/residence permit costs (varies for each country) : 500-1,000 RMB
- Emergency medical costs (insurance is indirect billing, so you are strongly recommended to keep some money for emergencies) : 1,000-5,000 RMB

LIVING AT XJTLU

Work hard and play hard at XJTLU. Your time outside the classroom is full of possibilities, adventures and new experiences.

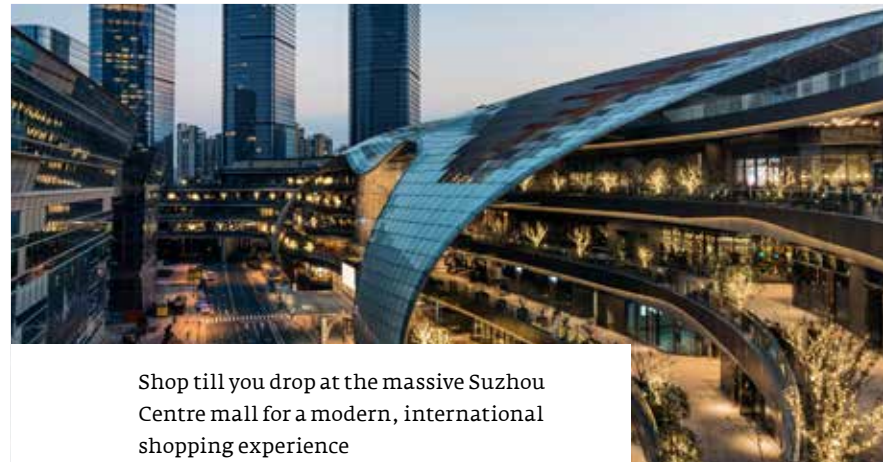
Enjoy a cup of coffee with a serene view at the Jinji and Dushu lake areas



Explore the scenic old town waterways and fill your gallery with beautiful pictures



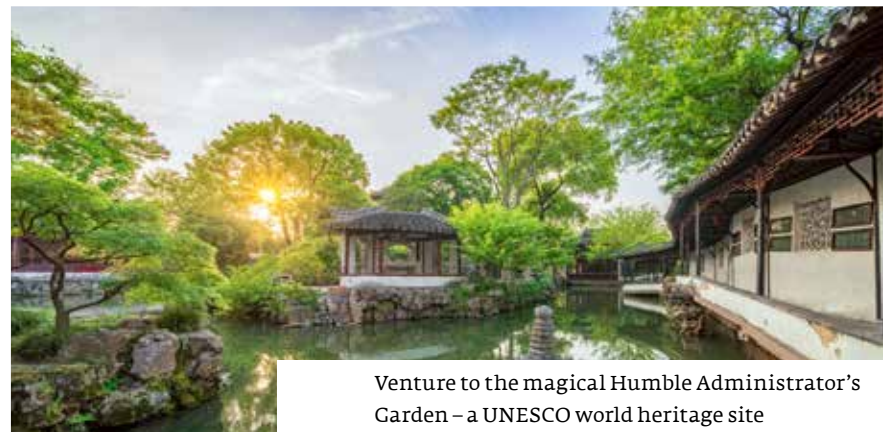
Try delicious local Chinese dishes from small vendors and traditional restaurants



Shop till you drop at the massive Suzhou Centre mall for a modern, international shopping experience



Relax at the temple at Tiger Hill and find yourself at peace in the bamboo forest



Venture to the magical Humble Administrator's Garden – a UNESCO world heritage site



Take a short trip on the weekend and explore Shanghai with your friends

CAREER OPPORTUNITIES

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, global banks, financial institutions, foreign-owned manufacturing and developing firms, and large state-owned enterprises.

Throughout the year, career fairs are organised on campus, and departments invite selected companies to meet with students.

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'Oréal

PricewaterhouseCoopers
KPMG
Ernst & Young
Deloitte

HSBC
Standard Chartered Bank
Swiss Bank
Royal Bank of Scotland

Lenovo
Huawei
ZTE
Baidu
Alibaba
SAIC

FURTHER STUDY

In 2022, over 85.56% of our graduates planned to continue their studies in world-renowned universities (Master's and PhD), with 36.08% entering one of the world top ten universities and almost 88.98% receiving offers from universities ranking in the world top 100.

UNITED KINGDOM

University of Cambridge
University of Oxford
UCL (University College London)
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



GLOBAL OPPORTUNITIES

We support our students in becoming global citizens through a wide range of study abroad opportunities that help them build the employability skills needed to succeed in the international employment market. Study abroad experience makes our graduates more employable. There are also academic and personal benefits such as increased self-awareness and self-reliance.

TRANSFER TO THE UNIVERSITY OF LIVERPOOL (2+2 STUDY ROUTE)

XJTLU full-time students*, have the opportunity to take the 2+2 study route, which involves pursuing the first two years of your programme at XJTLU in Suzhou and the final two years at the University of Liverpool in the UK.

*Depending on programme and subject to academic achievement.

THE TAICANG YEAR IN LIVERPOOL (2+1+1 STUDY ROUTE)

Students on certain undergraduate programmes at XJTLU Entrepreneur College will be offered the opportunity to study for one year (2+1+1) on a custom designed mobility programme designed to enhance their academic and entrepreneurial skills.



SEMESTER OR YEAR ABROAD

You can take advantage of a number of exciting one or two semester study abroad options, also known as exchange programmes, with some of the world's top universities during Year Three of your undergraduate study. Current partners include leading universities in the UK, North America and Europe.

SUMMER ABROAD

XJTLU partners offer non-credit short-term summer courses in a wide range of subjects covering both undergraduate and postgraduate levels. Eligibility and application procedures vary for different courses. Opportunities are currently available at a number of prestigious universities, including UCLA, UC Berkeley, University College London, HEC Montreal, Politecnico di Torino and Utrecht University, to name but a few.

MASTER'S DISCOUNT

Students who choose to study their undergraduate degree at XJTLU can benefit from our links with the University of Liverpool by applying for a master's degree at the university's London or Liverpool campuses at a discounted tuition fee.

UOL STUDY OPTIONS FOR XJTLU STUDENTS

If you're looking for a world-class education in a vibrant and dynamic city, look no further than the University of Liverpool. The University of Liverpool is a prestigious institution located in the heart of one of the UK's most vibrant and culturally rich cities. Founded in 1881, the university has a long and distinguished history of academic excellence, with a reputation for producing world-class research and innovative teaching methods.

Going down the 2+2 route (2+1+1 route for Taicang) and joining the University of Liverpool is a great choice for XJTLU students. Usually, around 1,700 students from XJTLU make the transfer to Liverpool for their final two years.

Most undergraduate courses at XJTLU are part of the 2+2 programme. Also, students at the Taicang Campus have a unique mobility programme: The 2+1+1. You can find out everything you need to know about the programmes from this website.

<https://www.liverpool.ac.uk/xjtlu/>



STUDENT SUPPORT

The XJTLU Global team provides a range of services to help make your experience at XJTLU go as smoothly as possible. XJTLU Global is the first service point for all international and Hong Kong, Macao and Taiwan students at the University.

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, Hongqiao and Wuxi airports. This service is available during four days of the week before welcome week.

INDUCTION

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 go to various social events and societies and clubs introductions.

ENGLISH LANGUAGE SUPPORT

The School of Languages 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 School of Languages also provides free Chinese language classes to all full-time international students.

CAREER SERVICES

The Career Development Office and X-Global provide 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 offices also arrange 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 200,000 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 practice your 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.



"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!"

KRYSTINA MHLANDHLA, UK
SUMMER SCHOOL



XJTLU LEARNING MALL

The XJTLU Learning Mall is an innovative upskilling and lifelong learning hub as well as project and partner centre.

It has both an online platform as well as a future onsite location at Entrepreneur College (Taicang). It promotes the concept of upskilling and lifelong learning across the XJTLU community, as well as the broader community in Suzhou, Jiangsu, Greater China and beyond. It involves a networked global alliance of education providers, bringing together premier resources from XJTLU schools, departments, and staff as well as national and global education partners.

THE ONSITE XJTLU LEARNING MALL

will be housed in the XJTLU Entrepreneur College (Taicang). Using its unique Syntegrative Education model, the Entrepreneur College (Taicang) is a pioneer of, and an educational model for, the future campus in developing talents and leaders to meet local, national and global challenges as a result of the 4th Industrial Revolution.

THE XJTLU LEARNING MALL ONLINE (LMO)

the initiative's innovative online partnership learning platform, was launched for internal students and staff in November 2020. It also had a full external launch in May 2021 to provide premier learning resources to the national and global community.



The XJTLU Learning Mall offers four primary services to internal and external stakeholders:

- a online “store” space and learning resources;
- b onsite “store” space and learning resources;
- c lifelong learning and development opportunities (both online and onsite);
- d innovative and transformative education initiatives (both online and onsite).

“Store” space, whether online or onsite, represents a unique opportunity for education-focused businesses to showcase resources through the XJTLU Learning Mall, particularly those who offer content and services. By fostering an inviting space and leveraging premier partners’ strengths, the XJTLU Learning Mall forges a 21st century alliance of like-minded entrepreneurs to serve the wider China community and XJTLU university. Through this library of combined resources, the XJTLU Learning Mall provides unmatched online and onsite learning opportunities to learners of all ages.

OUR PARTNERS

The XJTLU Learning Mall continues to expand its library of learning content and resources daily with the addition of more global partners, offering their services to users both online, onsite as well as in a hybrid format. By joining the XJTLU Learning Mall, local, national and global partners reap the benefits of enhanced exposure and visibility to a vast network of potential users from all walks of life and areas of industry. They also have the potential to engage in further cooperation with other members of our coalition.

- | | |
|----------------------------------|---|
| 1 Center for Creative Leadership | 11 Merlot |
| 2 Alibaba Cloud | 12 Open Learning |
| 3 McGraw-Hill | 13 Iversity |
| 4 Seentao | 14 GAMI |
| 5 Hujiang | 15 China Construction Bank University |
| 6 LabXchange | 16 AMT |
| 7 CiWei | 17 Skills Commons |
| 8 Skillshare | 18 European Mentoring & Coaching Council (EMCC) |
| 9 The Intern Group | 19 Celemi |
| 10 iFLYTEK | 20 Archistar Academy |

XJTLU ENTREPRENEUR COLLEGE (TAICANG)

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 focuses 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.



"One of the best decisions I've made in my life is to dive into the pool of opportunities at XJTLU. I've sharpened my skills in risk management, planning, problem solving, creative production and entrepreneurship; and as a result, received employment offers from leading creative agencies in Shanghai."

MEITING SHU YE, HONDURAS
MSc PROJECT MANAGEMENT



Located in the north-east of Suzhou, the seven industry 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.

School of Artificial Intelligence and Advanced Computing

BEng Data Science and Big Data Technology

School of Intelligent Manufacturing Ecosystem

BEng Intelligent Manufacturing Engineering

School of Intelligent Finance and Business

BSc Intelligent Supply Chain

School of Robotics

BEng Intelligent Robotics Engineering

School of Internet of Things

BEng Internet of Things Engineering

School of Cultural Technology

BA Arts, Technology and Entertainment

School of CHIPS

BEng Microelectronic Science and Engineering

Entrepreneurship and Enterprise Hub

MSc Entrepreneurship and Innovation

ADMISSION TO XJTLU



YEAR ONE

Year One provides you with a range of interesting modules, language classes and core skills for your degree. The programme is designed to give you the key foundational skills necessary for study in years 2 to 4, while also providing study opportunities that guide you towards the ideal degree course for you.

To achieve this, each of the two semesters in Year One has a different focus:

Semester 1 features a range of 'Explore' modules, offered alongside core skills courses. Explore modules are electives, taught by academic Schools and the English Language Centre working together, covering the full range of subjects across the University (some restrictions may apply). Students normally have space in their timetables for between one and four of these modules. Courses in Science, Humanities and Social Sciences, Design, Film and TV, Business, Entrepreneurship, and Advanced Technology are all available.

Semester 2 then features core skills modules, programme choice, and dedicated 'degree preparation' module(s). These are taught by your School and Department, and are designed to equip you with everything you need to begin focused study of your chosen degree from Year Two.



FOUNDATIONS IN LANGUAGE AND ACADEMIC SKILLS

At the heart of Year One is a course in English for Academic Purposes (EAP) which goes far beyond just English language study. Student-centred and discussion-based, the EAP courses taught by the experts in the English Language Centre allow you to take charge of your language development and to build the academic skills you need to thrive in our English-medium university.

Year One students from outside Mainland China, including international students admitted into Year One, meanwhile, take EAP along with classes in understanding China. For international students, this means the opportunity to learn Mandarin Chinese and gain a head start in a language invaluable to your future career.

Modules in other Modern Languages, including Spanish and Japanese, are also

available (restrictions apply). No matter what level you start at, the communicative approach and task-based teaching in the Modern Languages Centre will allow you to develop key skills in listening, speaking, reading, and writing, boosting your all-round competence as an intercultural communicator.

FOUNDATIONS IN MATHEMATICS AND PHYSICS

A further key element of Year One is a foundation in Mathematics and Physics for students considering degrees in related subjects. Taught by staff in specialist departments within the School of Science, modules combine the best of the traditional Chinese systematic method with the active learning-oriented approach typical of British universities. The result is a solid scientific grounding that supports students throughout their degrees and in their subsequent careers.



“

“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

”



SCHOLARSHIPS

ENTRY SCHOLARSHIP

XJTLU offers generous entry scholarships of up to 100 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
- AP Exams/ACT Tests/SAT II Subject Tests - High school diploma with a GPA of 3.0/4.0 or above, plus:
 - 3 AP exams: 4, 4, 4 or
 - SAT I: 1280 or ACT: 27, and 2 AP exams: 4, 4 or
 - 3 SAT II Subject Tests (taken prior to cancellation in 2021): 600, 600, 600

HONG KONG, MACAO AND TAIWAN

Students from Hong Kong, Macao and Taiwan may apply with the following:

- A minimum grade of first division line 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 (GSAT) ranking of at least the top 50 percent in 4 subjects, including English and Math.

ENGLISH LANGUAGE REQUIREMENTS

YEAR ONE ENTRY

- IELTS: 5.0 (min 4.5 in all components)
- TOEFL: 62 (iBT)

YEAR TWO ENTRY

- IELTS: 6.5 (min 5.5 in all components)
- TOEFL: 90 (iBT) (min 21 in all skill)

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

TUITION FEES

For all students:
88,000 RMB per year (approximately US\$13,000)



THE APPLICATION DEADLINE FOR SEPTEMBER 2024 ENTRY IS 30 JUNE 2024*

SCHOLARSHIP APPLICATION DEADLINE:
15 JUNE 2024

YEAR 3 TRANSFER STUDENT APPLICATION DEADLINE:
15 JUNE 2024

*For BEng Architecture, BA Filmmaking, BA TV Production & BA Digital Media Arts, application deadline is 15 June 2024.

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, GSAT or other entrance aptitude test scores (if available)
- Personal Statement
- International students: Photocopy of your passport
Hong Kong, Macau, Taiwan students: Passport, Mainland travel permit, and ID.
- Portfolio & interview (required for BEng Architecture, BA Filmmaking, BA TV Production & BA Digital Media Arts)

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 2023 will automatically qualify for an 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 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 admissions 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

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.

Information subject to change. For more information, please check XJTLU official website.

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.

● 2+2 STUDY ROUTE AVAILABLE

▲ 2+1+1 STUDY ROUTE AVAILABLE

XJTLU ENTREPRENEUR COLLEGE (TAICANG)

XJTLU Entrepreneur College (Taicang) will focus on seamless collaboration between academic staff, students, industry, government and the wider community, with the long-term aim of fostering the development of a modern, entrepreneurial and sustainable society.

- ARTS, TECHNOLOGY AND ENTERTAINMENT WITH CONTEMPORARY ENTREPRENEURIALISM BA
- DATA SCIENCE AND BIG DATA TECHNOLOGY WITH CONTEMPORARY ENTREPRENEURIALISM BENG ▲
- INTELLIGENT MANUFACTURING ENGINEERING WITH CONTEMPORARY ENTREPRENEURIALISM BENG
- INTELLIGENT ROBOTICS ENGINEERING WITH CONTEMPORARY ENTREPRENEURIALISM BENG
- INTELLIGENT SUPPLY CHAIN WITH CONTEMPORARY ENTREPRENEURIALISM BSC ▲
- INTERNET OF THINGS ENGINEERING WITH CONTEMPORARY ENTREPRENEURIALISM BENG
- MICROELECTRONIC SCIENCE AND ENGINEERING WITH CONTEMPORARY ENTREPRENEURIALISM BENG

SCHOOL OF ADVANCED TECHNOLOGY

As a research and practice-led school, our faculty and staff are committed to providing students with a challenging and stimulating environment, as well as unlocking their full potential. Upon graduation, students will become highly sought-after candidates with strong academic knowledge, as well as extensive transferable skills in communication, teamwork and project management.

- COMPUTER SCIENCE AND TECHNOLOGY BENG ●
- DIGITAL MEDIA TECHNOLOGY BENG ●
- ELECTRICAL ENGINEERING BENG ●
- ELECTRONIC SCIENCE AND TECHNOLOGY BENG
- INFORMATION AND COMPUTING SCIENCE BSC ●
- MECHATRONICS AND ROBOTIC SYSTEMS BENG ●
- TELECOMMUNICATIONS ENGINEERING BENG ●



SCAN TO VIEW ALL OF OUR DEGREE PROGRAMMES

<https://www.xjtlu.edu.cn/en/study/undergraduate/>

DESIGN SCHOOL	<p>Founded in 2020, the Design School consists of the Departments of Architecture, Civil Engineering, Industrial Design, and Urban Planning and Design. We aspire to become a leading interdisciplinary built-environment education unit in China and beyond. Our students are exposed to a research-led, interdisciplinary learning environment that amalgamates design knowledge as well as technical and management education. Our programmes in architecture and civil engineering have gained international validations and accreditations by leading professional institutions, showcasing the learning quality and global recognition of our graduates.</p>
	<ul style="list-style-type: none"> ■ ARCHITECTURE BENG ● ■ ARCHITECTURAL ENGINEERING BENG ● ■ CIVIL ENGINEERING BENG ● ■ INDUSTRIAL DESIGN BENG ● ■ URBAN PLANNING AND DESIGN BENG ●
SCHOOL OF FILM AND TV ARTS	<p>The School of Film and TV Arts is a research and practice-led school that prepares graduates for careers as media professionals in the media and communication industry sector, in advertising, public relations and the fields of video and television production.</p>
	<ul style="list-style-type: none"> ■ DIGITAL MEDIA ARTS BA ■ FILMMAKING BA ■ TV PRODUCTION BA
SCHOOL OF HUMANITIES AND SOCIAL SCIENCES	<p>The School of Humanities and Social Sciences was established in September 2020 to research and educate across different disciplines in humanities and social sciences. The School offers a wide range of degree programmes including seven undergraduate, six postgraduate and PhD programmes, as well as international visiting and exchange student programmes.</p>
	<ul style="list-style-type: none"> ■ APPLIED ENGLISH BA ● ■ CHINA STUDIES BA ■ ENGLISH AND COMMUNICATION STUDIES BA ● ■ ENGLISH AND FINANCE BA ■ ENGLISH AND INTERNATIONAL BUSINESS BA ● ■ INTERNATIONAL RELATIONS BA ● ■ MEDIA AND COMMUNICATION STUDIES BA ● ■ Translation and Interpreting BA
INTERNATIONAL BUSINESS SCHOOL SUZHOU	<p>International Business School Suzhou (IBSS) offers a unique blend of Western and Chinese academic practices. Our 150 international staff are an impressive mix of top researchers and experienced business professionals.</p>
	<ul style="list-style-type: none"> ■ ACCOUNTING BA ● ■ BUSINESS ADMINISTRATION BA ● ■ ECONOMICS BSC ● ■ ECONOMICS AND FINANCE BSC ● ■ HUMAN RESOURCE MANAGEMENT BA ● ■ INFORMATION MANAGEMENT AND INFORMATION SYSTEMS BSC ● ■ INTERNATIONAL BUSINESS WITH A LANGUAGE BA ● ■ MARKETING BA ●

● 2+2 STUDY ROUTE AVAILABLE

SCHOOL OF SCIENCE	<p>The School of Science was established in September 2020 to promote research and teaching across different scientific disciplines. The School offers a wide range of degree programmes, including seven undergraduate, four postgraduate as well as PhD programmes, along with international visiting and exchange student programmes.</p>
	<ul style="list-style-type: none"> ■ ACTUARIAL SCIENCE BSC ● ■ APPLIED CHEMISTRY BSC ● ■ APPLIED MATHEMATICS BSC ● ■ BIOINFORMATICS BSC ● ■ BIOLOGICAL SCIENCES BSC ● ■ ENVIRONMENTAL SCIENCE BSC ● ■ FINANCIAL MATHEMATICS BSC ●
XJTLU WISDOM LAKE ACADEMY OF PHARMACY	<p>The XJTLU Wisdom Lake Academy of Pharmacy was established on 11 November 2020 as a joint venture between Xi'an Jiaotong-Liverpool University and the Suzhou Industrial Park district of Suzhou. In cooperation with government, industry and society, the Academy aims to incubate an ecosystem of world-class biopharmaceutical innovation and establish a new mainstay of the global biopharmaceutical industry.</p>
	<ul style="list-style-type: none"> ■ APPLIED STATISTICS BSC ■ PHARMACEUTICAL SCIENCE BSC ● ■ BIOPHARMACEUTICALS BENG

* In the 2021 Times Higher Education (THE) World University Rankings by Subject, the following subjects of XJTLU are ranked in the top 300:

Computer Science (201–250)
 Social Sciences (201–250)
 Engineering (251–300)



SCAN TO VIEW ALL OF OUR
 DEGREE PROGRAMMES
<https://www.xjtlu.edu.cn/en/study/undergraduate/>

XJTLU ENTREPRENEUR COLLEGE (TAICANG)

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 focuses 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 seven industry 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.



ARTS, TECHNOLOGY AND ENTERTAINMENT WITH CONTEMPORARY ENTREPRENEURIALISM BA

The BA Arts, Technology and Entertainment is an interdisciplinary programme that combines filmmaking, television, photography and digital arts - especially immersive technologies, such as Virtual Reality (VR) and Creative Artificial Intelligence (CAI).

Through a series of academic and research led projects, students develop their creative abilities to instigate and produce work that is innovative, critical and explores the boundaries and contexts of art and entertainment.

In addition, through the programme's unique focus on entrepreneurship and innovation, you will acquire the skills and abilities to become an independent practitioner and entrepreneur, capable of anticipating changes and communicating strategically with stakeholders at all levels.



WHAT YOU WILL LEARN

By the time you graduate from the BA Arts, Technology and Entertainment programme, 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
- 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.

WHY STUDY BA ARTS, TECHNOLOGY AND ENTERTAINMENT AT XJTU?

- 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;
- Gain valuable entrepreneur and leadership skills on the unique contemporary entrepreneur modules that are part of the degree, giving you a competitive edge;
- 600 hours of problem-based internship experience as part of the degree programme
- Study in purpose-built, state-of-the-art facilities in XJTU's new Taicang campus (due to open in 2022)
- Graduate with world class qualifications, including 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.

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.

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 TAICANG HUMANITIES AND SOCIAL SCIENCES

FORM, INNOVATION AND CULTURE

INTRODUCTION TO STORYTELLING

ENTERTAINMENT TECHNOLOGY

MINOR PROJECT DESIGN AND DELIVERY

MAJOR: OPTIONAL MODULES

INTRODUCTION TO CAMERA AND LIGHTING

INTRODUCTION TO POST PRODUCTION

INTRODUCTION TO SOUND

INTRODUCTION TO EVENTS MANAGEMENT

DESIGN CONCEPT GENERATION

MINOR: COMPULSORY MODULES

INTRODUCTION TO INNOVATION AND ENTREPRENEURSHIP

ENTREPRENEURSHIP CONCEPTS AND PRACTICE

FUTUROLOGY AND BUSINESS OPPORTUNITIES

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

FILM AND TV CULTURE

MUSIC PROMO

INTRODUCTION TO DIRECTING

MINOR: COMPULSORY MODULES

LEADERSHIP AND COMMUNICATION

CORPORATE ENTREPRENEURSHIP

BUSINESS MODEL GENERATION

YEAR FOUR

MAJOR: COMPULSORY MODULES

COMMERCIAL PROJECT DESIGN AND REALISATION

FINAL YEAR PROJECT: THE MOVING IMAGE

BUSINESS COACHING

MINOR: COMPULSORY MODULES

CAPSTONE PROJECT

CUTTING-EDGE PRACTICE IN INNOVATION AND ENTREPRENEURSHIP

✓ **ATTENDANCE**
Full time

🌐 **2+2 STUDY ABROAD**
Not Available

🕒 **DURATION**
Four years

🎓 **QUALIFICATION**
XJTU
BA Arts, Technology and Entertainment with Contemporary Entrepreneurialism

University of Liverpool
BA (Hons) Arts, Technology and Entertainment with Contemporary Entrepreneurialism



DATA SCIENCE AND BIG DATA TECHNOLOGY WITH CONTEMPORARY ENTREPRENEURIALISM

BEng

With rapid developments in smart manufacturing, e-commerce, finance, and urban information, the fields of data, computer science, business, and finance are becoming increasingly 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.

* In the 2021 Times Higher Education (THE) World University Rankings by Subject, XJTLU ranked 201-250th in Computer Science.



WHAT YOU WILL LEARN

By the time you graduate from the BEng Data Science and Big Data Technology programme, 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
- 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.

WHY STUDY BENG DATA SCIENCE AND BIG DATA TECHNOLOGY AT XJTLU?

- Benefit from mentoring and training from industry experts as part of the unique industry-themed schools partnered with leading businesses;
- Learn through practical application, using your knowledge and skills in solving real problems in research and industry settings
- Gain valuable entrepreneur and leadership skills on the unique contemporary entrepreneur modules that are part of the degree, giving you a competitive edge;
- 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 2022)
- 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.



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.

✓ **ATTENDANCE**
Full time

🌐 **2+2 STUDY ABROAD**
Not Available

🕒 **DURATION**
Four years

🎓 **QUALIFICATION**
XJTLU
BEng Data Science and Big Data Technology with Contemporary Entrepreneurialism

University of Liverpool
BEng (Hons) Data Science and Big Data Technology with Contemporary Entrepreneurialism

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 TAICANG ENGINEERING

COMPUTER ARCHITECTURE AND OPERATING SYSTEMS

INTRODUCTION TO NEURAL NETWORKS

ARTIFICIAL INTELLIGENCE AND DATA ANALYSIS

PROGRAMMING WITH C++/R

INTRODUCTION TO PROBABILITY AND STATISTICS

INTRODUCTION TO DATABASES

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

FUNDAMENTALS 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

INTELLIGENT MANUFACTURING ENGINEERING WITH CONTEMPORARY ENTREPRENEURIALISM BEng

Students completing the BEng Intelligent Manufacturing Engineering degree programme will graduate equipped with the skills to pursue a career in intelligent manufacturing engineering, an emerging industry driven by rapid technological advancements.

Not only that, graduates from this unique programme will meet the needs of a wide range of employers both within and outside the manufacturing sector as the educational model's unique focus on entrepreneurship and innovation provides you with the skills and abilities to think like an entrepreneur, providing the foundation for you to go on to become one of the leaders for tomorrow's new industries.

* In the 2021 Times Higher Education (THE) World University Rankings by Subject, XJTLU ranked 251-300th in Engineering.



ATTENDANCE

Full time



QUALIFICATION

XJTLU

BEng Intelligent Manufacturing Engineering with Contemporary Entrepreneurialism



2+2 STUDY ABROAD

Not Available



DURATION

Four years

University of Liverpool

BEng (Hons) Intelligent Manufacturing Engineering with Contemporary Entrepreneurialism

WHAT YOU WILL LEARN

By the time you graduate from the BEng Intelligent Manufacturing Engineering programme, 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 BENG INTELLIGENT MANUFACTURING ENGINEERING AT XJTLU?

- Benefit from mentoring and training from industry experts as part of the unique industry-themed schools partnered with leading businesses;
- Learn through practical application, using your knowledge and skills in solving real problems in research and industry settings;
- Gain valuable entrepreneur and leadership skills on the unique contemporary entrepreneur modules that are part of the degree, giving you a competitive edge;
- 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 2022);
- 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;

CAREERS AND FURTHER STUDY

Graduates from this programme are well prepared for careers in technical, managerial and leadership roles in areas 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.

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
TAICANG ENGINEERING

INTRODUCTION TO MATERIALS

ELECTRICAL CIRCUITS

ENGINEERING MATHEMATICS I

ENGINEERING DRAWING

THERMODYNAMICS + FLUID MECHANICS

INTRODUCTION TO MECHATRONICS

PNEUMATIC AND HYDRAULIC TECHNOLOGY

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

CUSTOMER ORIENTED MASS CUSTOMIZATION AND MANUFACTURING SYSTEM PLANNING (HAIER)

ARTIFICIAL INTELLIGENCE AND DATA ANALYSIS

MANUFACTURING PROCESS

ADDITIVE MANUFACTURING

MINOR: COMPULSORY MODULES

LEADERSHIP AND COMMUNICATION

CORPORATE ENTREPRENEURSHIP

BUSINESS MODEL GENERATION

YEAR FOUR

MAJOR: COMPULSORY MODULES

FINAL YEAR PROJECT - BASED ON INTERNSHIP (PROJECT STUDY REPORT)

INTELLIGENT MANUFACTURING INFORMATION SYSTEM (HAIER)

HAIER REN DAN HE YI MANAGEMENT MODEL(HAIER)

MINOR: COMPULSORY MODULES

CAPSTONE PROJECT

CUTTING-EDGE PRACTICE IN INNOVATION AND ENTREPRENEURSHIP

INTELLIGENT ROBOTICS ENGINEERING WITH CONTEMPORARY ENTREPRENEURIALISM BEng

The BEng Intelligent Robotics Engineering is a new cutting-edge programme designed to meet the fast-growing demands in our society for these intelligent robotics systems. You will learn and apply knowledge and technologies in new areas and advancements in science and technology such as artificial intelligence and machine learning, as well as those related to more traditional areas such as mechanical engineering; electrical and electronics engineering; control engineering and scientific computing.

In addition, you will benefit from XJTLU's collaboration with industry partners in the field of robotics, and study in an integrated, industry-focused environment with close links between teaching, learning and real engineering applications.

Not only that, graduates from this unique programme will meet the needs of a wide range of employers, as the educational model's unique focus on entrepreneurship and innovation provides you with the skills and abilities to think like an entrepreneur, providing the foundation for you to go on to become one of the leaders for tomorrow's new industries.

* In the 2021 Times Higher Education (THE) World University Rankings by Subject, XJTLU ranked 251-300th in Engineering.



ATTENDANCE

Full time



2+2 STUDY ABROAD

Not Available



DURATION

Four years



QUALIFICATION

XJTLU

BEng Intelligent Robotics Engineering with Contemporary Entrepreneurialism

University of Liverpool

BEng (Hons) Intelligent Robotics Engineering with Contemporary Entrepreneurialism

WHAT YOU WILL LEARN

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

- a solid understanding of the key concepts and theories in electronic, 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.
- hands-on industry experience gained through site visits and internships
- 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.

WHY STUDY BENG 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 bio-inspired robots;
- Benefit from mentoring and training from industry experts as part of the unique industry-themed schools partnered with leading businesses;
- Gain valuable entrepreneur and leadership skills on the unique contemporary entrepreneur modules that are part of the degree, giving you a competitive edge;
- 600 hours of problem-based internship experience as part of the degree programme
- 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.

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 FOR TAICANG ENGINEERING

ENGINEERING MATHEMATICS I

ELECTRICAL CIRCUITS

ENGINEERING DRAWING

C/C++ PROGRAMMING LANGUAGE

ENGINEERING MATHEMATICS II

ELECTRONIC CIRCUITS – ANALOGUE AND DIGITAL

INTRODUCTION TO MECHATRONICS

INTRODUCTION TO INTELLIGENT ROBOTICS AND APPLICATION

MINOR: COMPULSORY MODULES

INTRODUCTION TO INNOVATION AND ENTREPRENEURSHIP

ENTREPRENEURSHIP CONCEPTS AND PRACTICE

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

INTELLIGENT SUPPLY CHAIN WITH CONTEMPORARY ENTREPRENEURIALISM BSc

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.

 **ATTENDANCE**
Full time

 **2+2 STUDY ABROAD**
Not Available

 **DURATION**
Four years

 **QUALIFICATION**
XJTLU
BSc Intelligent Supply Chain with Contemporary Entrepreneurialism

University of Liverpool
BSc (Hons) Intelligent Supply Chain with Contemporary Entrepreneurialism

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.

WHAT YOU WILL LEARN

By the time you graduate from the BSc Intelligent Supply Chain programme, 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 operations under 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.

WHY STUDY BSC INTELLIGENT SUPPLY CHAIN AT XJTLU?

- Benefit from mentoring and training from industry experts as part of the unique industry-themed schools partnered with leading businesses;
- Learn through practical application, using your knowledge and skills in solving real problems in research and industry settings;
- Gain valuable entrepreneur and leadership skills on the unique contemporary entrepreneur modules that are part of the degree, giving you a competitive edge;
- 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 2022);
- 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;

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 TAICANG HUMANITIES AND SOCIAL SCIENCES
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
PROJECT MANAGEMENT

MAJOR: OPTIONAL MODULES

MANAGING ACROSS BORDERS
FUNDAMENTALS OF MARKETING

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

MAJOR: OPTIONAL MODULES

LEAN THINKING
SERVICE MANAGEMENT
DATA MINING APPLICATIONS
PROCESS MANAGEMENT
VALUE CHAIN ANALYSIS
SUPPLY CHAIN RISK MANAGEMENT
INNOVATIONS IN INDUSTRIAL INTERNET

MINOR: COMPULSORY MODULES

LEADERSHIP AND COMMUNICATION
CORPORATE ENTREPRENEURSHIP
BUSINESS MODEL GENERATION

YEAR FOUR

MAJOR: COMPULSORY MODULES

FINAL YEAR PROJECT
SUPPLY CHAIN MODELLING AND OPTIMISATION
STRATEGIC MANAGEMENT AND POLICY
BUSINESS LAW AND REGULATIONS
OPERATIONS AND SUPPLY CHAIN STRATEGIES
E-COMMERCE

MAJOR: OPTIONAL MODULES

MARITIME LOGISTICS
FOOD SUPPLY CHAIN AND SAFETY
AUTOMOTIVE AND AEROSPACE SUPPLY CHAINS
SUPPLY CHAIN ENVIRONMENT MANAGEMENT
SEMICONDUCTORS & ELECTRONICS SUPPLY CHAINS
RETAIL AND SERVICE SUPPLY CHAINS

MINOR: COMPULSORY MODULES

CAPSTONE PROJECT
CUTTING-EDGE PRACTICE IN INNOVATION AND ENTREPRENEURSHIP

INTERNET OF THINGS ENGINEERING WITH CONTEMPORARY ENTREPRENEURIALISM BEng

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 computer networks, sensor technology, and RFID principle and application, as well as artificial-intelligence-related topics such as programming, data structure budgeting, machine learning, and pattern recognition.

* In the 2021 Times Higher Education (THE) World University Rankings by Subject, XJTLU ranked 201–250th in Computer Science.



ATTENDANCE

Full time



QUALIFICATION

XJTLU

BEng Internet of Things Engineering with Contemporary Entrepreneurialism

University of Liverpool

BEng (Hons) Internet of Things Engineering with Contemporary Entrepreneurialism



2+2 STUDY ABROAD

Not Available



DURATION

Four years

WHAT YOU WILL LEARN

By the time you graduate from the Studying the BEng Internet of Things Engineering programme, 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
- 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.

WHY STUDY BENG INTERNET OF THINGS ENGINEERING AT XJTLU?

- Benefit from mentoring and training from industry experts as part of the unique industry-themed schools partnered with leading businesses;
- Learn through practical application, using your knowledge and skills in solving real problems in research and industry settings;
- Gain valuable entrepreneur and leadership skills on the unique contemporary entrepreneur modules that are part of the degree, giving you a competitive edge;
- 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 2022);
- 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;

CAREERS AND FURTHER STUDY

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.

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 TAICANG ENGINEERING

ENGINEERING MATHEMATICS I

C/C++ PROGRAMMING LANGUAGE

COMPUTER ARCHITECTURE AND OPERATING SYSTEMS

ENGINEERING MATHEMATICS II

INTRODUCTION TO DATABASES

INTRODUCTION TO IOT

MAJOR: OPTIONAL MODULES

PROJECT MANAGEMENT

HUMAN RESOURCE MANAGEMENT IN CHINA

INTRODUCTION TO BUSINESS IN CHINA

FUNDAMENTALS OF MARKETING

MINOR: COMPULSORY MODULES

INTRODUCTION TO INNOVATION AND ENTREPRENEURSHIP

ENTREPRENEURSHIP CONCEPTS AND PRACTICE

FUTUROLOGY AND BUSINESS OPPORTUNITIES

YEAR THREE

MAJOR: COMPULSORY MODULES

DATA STRUCTURE AND ALGORITHMS

INTRODUCTION TO NETWORKING

SENSORS TECHNOLOGY

CONTROL TECHNOLOGY OF IOT

INFORMATION SECURITY TECHNOLOGY OF IOT

GROUP PROJECT: IOT IN ACTION

MAJOR: OPTIONAL MODULES

RADIO COMMUNICATION PROTOCOLS

RF ENGINEERING AND APPLIED ELECTROMAGNETICS

SERVICE MANAGEMENT

DEMAND FORECASTING AND MANAGEMENT

MANAGING ACROSS BORDERS

MINOR: COMPULSORY MODULES

LEADERSHIP AND COMMUNICATION

CORPORATE ENTREPRENEURSHIP

BUSINESS MODEL GENERATION

YEAR FOUR

MAJOR: COMPULSORY MODULES

FINAL YEAR PROJECT (PHASE I AND II)

MACHINE LEARNING

WIRELESS SENSOR NETWORKS

PRINCIPLE AND APPLICATION OF RFID

MAJOR: OPTIONAL MODULES

BIG DATA ANALYTICS

CLOUD COMPUTING

IMAGE PROCESSING

MINOR: COMPULSORY MODULES

CAPSTONE PROJECT

CUTTING-EDGE PRACTICE IN INNOVATION AND ENTREPRENEURSHIP

MICROELECTRONIC SCIENCE AND ENGINEERING WITH CONTEMPORARY ENTREPRENEURIALISM BEng

Part of XJTLU's 'Syntegrative Educational Model', this Microelectronic Science and Engineering programme is made in collaboration with Standard Science Chip Cloud Microelectronics and Shanghai Institute of Microsystem and Information Technology, at the School of CHIPS in XJTLU Entrepreneur College (Taicang).

* In the 2021 Times Higher Education (THE) World University Rankings by Subject, XJTLU ranked 201-250th in Computer Science.

WHY STUDY BENG MICROELECTRONIC SCIENCE AND ENGINEERING WITH CONTEMPORARY ENTREPRENEURIALISM AT XJTLU?

- Receive a unique educational experience that prepares you for work in fast-paced, rapidly changing, smart technology-driven industries
- Benefit from XJTLU's strategic location in Taicang's High-Tech Development Zone
- Learn through practical application by solving real problems in research and industry settings
- Get mentorships and training from industry experts and XJTLU academics as part of the unique industry-themed partnerships with leading organisations

WHAT YOU WILL LEARN

By the time you graduate from the BEng Microelectronics Science and Engineering with Contemporary Entrepreneurialism programme, you will have:

- Understand the fundamental mechanisms governing solid-state microelectronic devices and their related application for integrated circuits
- Understand the technology and specified processes behind the advanced manufacturing and fabrication of electronic devices
- Have in-depth understanding in existing or emerging aspects of microelectronics i.e. circuit design, materials, device engineering and fabrication processes
- Use emerging process techniques for the investigation of advanced microelectronic processes and cutting-edge devices
- Communicate technical content effectively via reports, academic publications and oral presentations
- Educate entrepreneurial leaders with a global vision and the ability to lead future development in the industry
- Obtain hands-on industry experience gained through on-site visits and internships
- Gain comprehensive entrepreneurial and leadership knowledge, including project management and innovation concepts applicable in practical settings
- Apply high-level and transferable communication, interpersonal, problem-solving and analytical skills across a range of careers and industries.

- Gain valuable entrepreneurial and leadership skills through studying contemporary entrepreneur modules, giving students a competitive edge in any career path they 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 Taicang campus
- Graduate with world class qualifications, including an XJTLU degree from the Chinese Ministry of Education and a globally recognised degree from the University of Liverpool, a member of the prestigious Russell Group of leading UK universities.

CAREERS AND FURTHER STUDY

Students graduating from XJTLU Entrepreneur College (Taicang) are not only specialised in their individual fields but they also sport well-rounded knowledge bases that enable them to take leading roles in industry, making XJTLU Entrepreneur College (Taicang) graduates highly in-demand in the future of work. Graduates will be well-equipped with a wide range of transferable knowledge and skills, such as:

- In-depth expertise and knowledge through practical application experience
- Understanding of interdisciplinary technology backgrounds
- Methodological problem-solving skills
- Cross-cultural leadership, management skills, and workplace experience
- Innovation abilities, including the mastery and incorporation of new technology within new industry paths.

The programme will also provide a sound foundation for further studies at masters and PhD levels in microelectronics, integrated circuits, semiconductor, advanced nanotechnology, as well as fabrication and packaging.

	ATTENDANCE Full time		QUALIFICATION XJTLU BEng Microelectronic Science and Engineering with Contemporary Entrepreneurialism
	2+2 STUDY ABROAD Not Available		
	DURATION Three or four years		University of Liverpool BEng (Hons) Microelectronic Science and Engineering with Contemporary Entrepreneurialism

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 TAICANG ENGINEERING

ENGINEERING MATHEMATICS I

C/C++ PROGRAMMING LANGUAGE

ELECTRICAL CIRCUITS

ELECTRONIC CIRCUITS – ANALOGUE AND DIGITAL

INTEGRATED CIRCUITS DESIGN AND FABRICATION

EXPERIMENTAL, COMPUTER SKILLS AND SUSTAINABILITY

MINOR: COMPULSORY MODULES

INTRODUCTION TO INNOVATION AND ENTREPRENEURSHIP

ENTREPRENEURSHIP CONCEPTS AND PRACTICE

FUTUROLOGY AND BUSINESS OPPORTUNITIES

YEAR THREE

MAJOR: COMPULSORY MODULES

ELECTROMAGNETISM AND ELECTROMECHANICS

DIGITAL ELECTRONICS II

ELECTRONIC CIRCUITS AND SYSTEMS

MICROPROCESSOR SYSTEMS

ADVANCED POWER ELECTRONIC DEVICES AND ELECTRICAL CIRCUITS

DIGITAL VLSI SYSTEM DESIGN AND DESIGN AUTOMATION

CMOS DIGITAL INTEGRATED CIRCUITS

RF ENGINEERING AND APPLIED ELECTROMAGNETICS

MINOR: COMPULSORY MODULES

LEADERSHIP AND COMMUNICATION

CORPORATE ENTREPRENEURSHIP

BUSINESS MODEL GENERATION

YEAR FOUR

MAJOR: COMPULSORY MODULES

FINAL YEAR PROJECT

ANALOG INTEGRATED CIRCUITS ANALYSIS AND DESIGN

INTEGRATED CIRCUITS – CONCEPTS AND DESIGN

INTEGRATED CIRCUITS – FABRICATION AND TESTING

IC TECHNOLOGY AND ENGINEERING

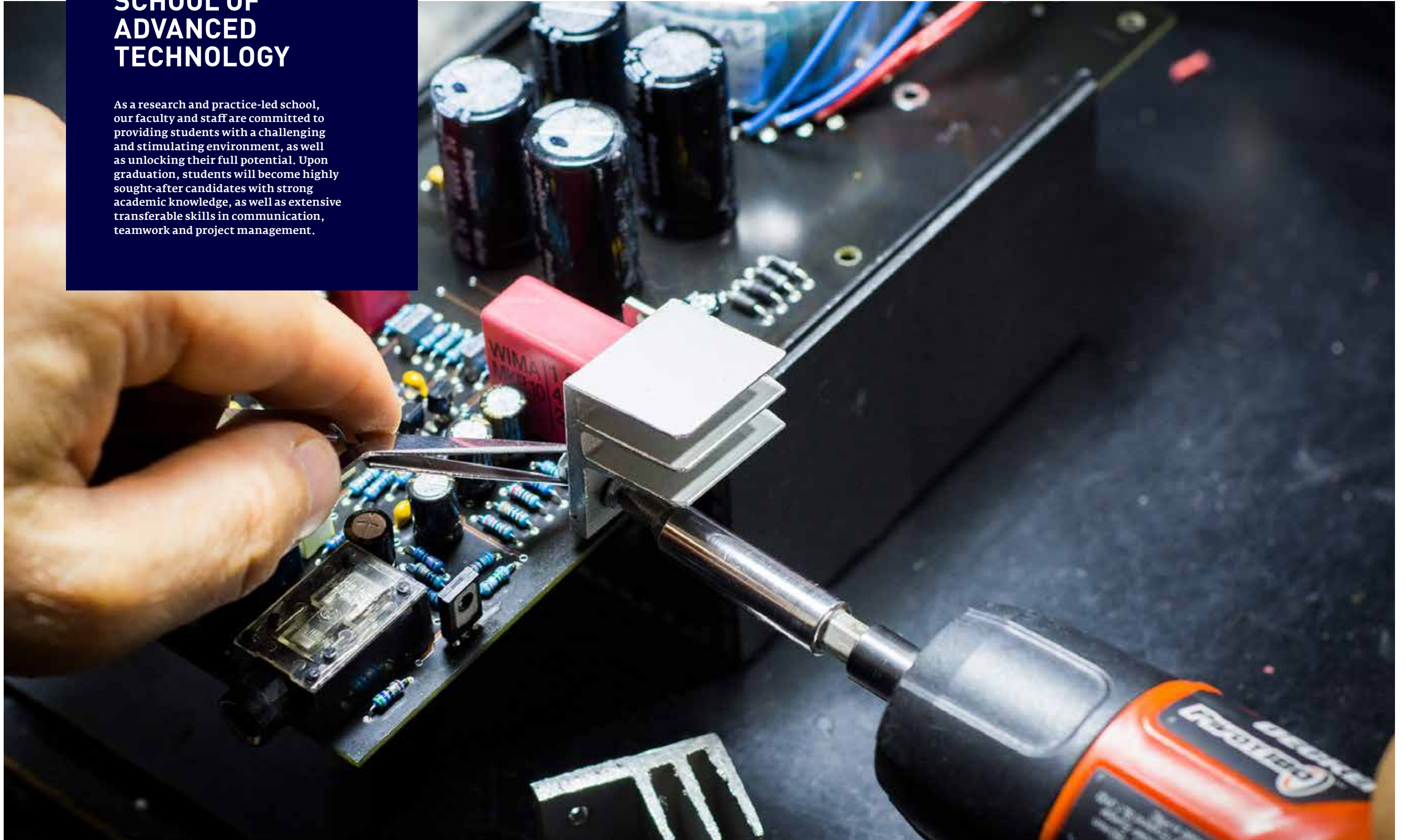
MINOR: COMPULSORY MODULES

CUTTING-EDGE PRACTICE IN INNOVATION AND ENTREPRENEURSHIP

CAPSTONE PROJECT

SCHOOL OF ADVANCED TECHNOLOGY

As a research and practice-led school, our faculty and staff are committed to providing students with a challenging and stimulating environment, as well as unlocking their full potential. Upon graduation, students will become highly sought-after candidates with strong academic knowledge, as well as extensive transferable skills in communication, teamwork and project management.



COMPUTER SCIENCE AND TECHNOLOGY BEng

As technology continues to transform the way we live, work and play, there is an increasing demand for professionals with an understanding of the intersection between the fields of engineering and computer science.

The BEng Computer Science and Technology programme combines the core elements of electrical and electronic engineering with those of computer science to equip graduates with detailed knowledge of the design and development of both hardware and software.

You will study in an integrated learning environment where there is a strong focus on developing research and problem-solving skills. You will graduate with the ability to find innovative solutions to complex technical challenges.

* In the 2021 Times Higher Education (THE) World University Rankings by Subject, XJTLU ranked 201–250th in Computer Science.



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

✓ **ATTENDANCE**
Full time

🌐 **2+2 STUDY ABROAD**
Available

🕒 **DURATION**
Three or four years

🎓 **QUALIFICATION**
XJTLU
BEng Computer Science and Technology

University of Liverpool
BEng Computer Science and Technology

CONTINUOUS AND DISCRETE TIME SIGNALS AND SYSTEMS
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

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
FINAL YEAR PROJECT

OPTIONAL MODULES:

MULTI-AGENT SYSTEMS
COMPUTER SYSTEMS SECURITY

DIGITAL MEDIA TECHNOLOGY

BEng

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.

* In the 2021 Times Higher Education (THE) World University Rankings by Subject, XJTLU ranked 251-300th in Engineering.



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.

✓ **ATTENDANCE**
Full time

🎓 **QUALIFICATION**
XJTLU
BEng Digital Media
Technology

🌐 **2+2 STUDY ABROAD**
Not Available

University of Liverpool
BEng Digital Media
Technology

🕒 **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

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

YEAR THREE

ELECTRONIC CIRCUITS AND SYSTEMS
DIGITAL ELECTRONICS II
CONTINUOUS AND DISCRETE TIME SIGNALS AND SYSTEMS

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

YEAR FOUR

COMPULSORY MODULES:

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

OPTIONAL MODULES:

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

ELECTRICAL ENGINEERING BEng

The BEng Electrical Engineering programme will equip you with a fundamental understanding of electrical engineering theory and the ability to solve engineering problems relating to power generation, transmission, distribution, control, protection and consumption. The programme blends the fundamentals of electrical engineering and electronics in Year Two, with more specialist knowledge in the following two years.

* In the 2021 Times Higher Education (THE) World University Rankings by Subject, XJTU ranked 251-300th in Engineering.



ATTENDANCE

Full time



QUALIFICATION

XJTU

BEng Electrical Engineering



DURATION

Three or four years



2+2 STUDY ABROAD

Available

University of Liverpool

BEng Electrical and Electronic Engineering

BEng Electrical Engineering



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 XJTU?

- 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 REnergy Electric (Suzhou) Co., Ltd;
- 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.

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.

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:

ELECTRONIC CIRCUITS

ELECTRICAL 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

CMOS DIGITAL INTEGRATED CIRCUITS

DIGITAL ELECTRONICS II

ENGINEERING MATHEMATICS III

MICROPROCESSOR SYSTEMS

INDUSTRIAL AWARENESS AND GROUP PROJECT

POWER ELECTRONICS AND ELECTRO-
MECHANICS

INSTRUMENTATION AND CONTROL SYSTEM

ANALOGUE & DIGITAL COMMUNICATIONS I

ENERGY CONVERSION AND POWER SYSTEMS

YEAR FOUR

COMPULSORY MODULES:

DRIVES, POWER GENERATION, TRANSMISSION
AND RELAYING

DIGITAL CONTROL AND AUTOMATIC CONTROL

FINAL YEAR PROJECT (PHASE I & II)

OPTIMIZATION

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

SMART GRID TECHNOLOGIES

SIGNAL PROCESSING AND DIGITAL FILTERING



ELECTRONIC SCIENCE AND TECHNOLOGY BEng

The BEng Electronic Science and Technology programme offers you a thorough foundation in microelectronic engineering, electronic engineering and photonic engineering.

The programme will enable you to study the complex working processes of electronic components as well as the technology of integrated circuits design and manufacture.

You will learn to operate at the cutting-edge of emerging technologies and be prepared to work in a field with multiple career opportunities due to a worldwide shortage of graduates.

* In the 2021 Times Higher Education (THE) World University Rankings by Subject, XJTU ranked 251-300th in Engineering.

ATTENDANCE
Full time

QUALIFICATION
XJTU
BEng Electronic Science and Technology

2+2 STUDY ABROAD
Available

University of Liverpool
BEng Electrical and Electronic Engineering

DURATION
Three or four years

BEng Electronic Science and Technology

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 XJTU?

- 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 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.

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 ENG. II
ENGINEERING DRAWING

YEAR THREE

CMOS DIGITAL INTEGRATED CIRCUITS
CONTINUOUS AND DISCRETE TIME SIGNALS AND SYSTEM

DIGITAL ELECTRONICS (II)

ADVANCED ELECTRICAL CIRCUITS AND ELECTROMAGNETICS

ELECTRONIC CIRCUITS AND SYSTEMS

ENGINEERING MATHEMATICS (III)

ANALOGUE AND DIGITAL COMMUNICATIONS (I)

ENERGY CONVERSION AND POWER SYSTEMS

ENERGY CONVERSION AND POWER SYSTEMS

INDUSTRIAL AWARENESS AND GROUP PROJECT

MICROPROCESSOR SYSTEMS

RF ENGINEERING AND APPLIED ELECTROMAGNETICS

INSTRUMENTATION AND CONTROL SYSTEM

YEAR FOUR

COMPULSORY MODULES:

ANALOGUE & DIGITAL COMMUNICATIONS (II)
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:

INTRODUCTION TO OPTOELECTRONICS AND PHOTONICS
SIGNAL PROCESSING AND DIGITAL FILTERING
ELECTRONICS FOR COMMUNICATIONS

INFORMATION AND COMPUTING SCIENCE BSc

The BSc Information and Computing Science programme will provide a broad knowledge of information science and computing science. It contains designing, developing, building software systems by writing algorithms in order to process, structure, and manage information.

It also involves in research and development in communications and media systems by using various computing principles and practical skills. The students will learn how cutting-edge information and computer technology are developed and how to apply them creatively to solve practical problems.

Programme instructors have worked at world-renowned institutions and have diverse experience in teaching, research, and collaboration with industry.

* In the 2021 Times Higher Education (THE) World University Rankings by Subject, XJTU ranked 201–250th in Computer Science.



ATTENDANCE
Full time

QUALIFICATION
XJTU
BSc Information and Computing Science

2+2 STUDY ABROAD
Available

University of Liverpool
BSc Information and Computing Science

DURATION
Three or four years

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 XJTU?

- 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 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.

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

COMPUTER SYSTEMS
INTRODUCTION TO PROGRAMMING IN JAVA
INTRODUCTION TO DATABASES
FOUNDATIONS OF COMPUTER SCIENCE
ALGORITHMIC FOUNDATIONS AND PROBLEM SOLVING
DATA STRUCTURES
INTRODUCTION TO ARTIFICIAL INTELLIGENCE
OPERATING SYSTEM CONCEPTS

YEAR THREE

COMPULSORY MODULES:
DECISION, COMPUTATION AND LANGUAGE
INTRODUCTION TO NETWORKING
SOFTWARE ENGINEERING I

HUMAN CENTRIC COMPUTING
COMPLEXITY OF ALGORITHMS
ADVANCED OO PROGRAMMING
SOFTWARE ENGINEERING GROUP PROJECT

OPTIONAL MODULES:

COMPUTER GRAPHICS
DATABASE DEVELOPMENT AND DESIGN

YEAR FOUR

COMPULSORY MODULES:

FINAL YEAR PROJECT

OPTIONAL MODULES:

BIO-COMPUTATION
MACHINE LEARNING
BIG DATA ANALYTICS
FORMAL METHODS
MOBILE COMPUTING
COMPUTER SYSTEMS SECURITY
TECHNOLOGIES FOR E-COMMERCE
COMPUTER SYSTEMS SECURITY
SOFTWARE ENGINEERING II
PRINCIPLES OF COMPUTER GAMES DESIGN

MECHATRONICS AND ROBOTIC SYSTEMS BEng


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.

* In the 2021 Times Higher Education (THE) World University Rankings by Subject, XJTU ranked 251-300th in Engineering.

 **ATTENDANCE**
Full time

 **QUALIFICATION**
XJTU
BEng Mechatronics and
Robotic Systems

 **2+2 STUDY ABROAD**
Available

University of Liverpool
BEng Mechatronics and
Robotic Systems

 **DURATION**
Three or four years

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 XJTU?

- 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 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.

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 (I)
ELECTRICAL CIRCUITS (I)
ELECTRONIC CIRCUITS
ENGINEERING MATHEMATICS (I)
SOLIDS AND STRUCTURES
DIGITAL ELECTRONICS
EXPERIMENTAL, COMPUTER SKILLS AND SUSTAINABILITY
ENGINEERING DRAWING
ENGINEERING MATHEMATICS (II)
INTRODUCTION TO MECHATRONICS

YEAR THREE

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

MECHANICAL ENGINEERING DESIGN
DYNAMIC SYSTEMS
DIGITAL ELECTRONICS (III)
MICROPROCESSOR SYSTEMS
INSTRUMENTATION AND CONTROL SYSTEMS

YEAR FOUR

COMPULSORY MODULES:

FINAL YEAR PROJECT
PROFESSIONAL PRACTICE
INDUSTRIAL AUTOMATION AND ROBOT CONTROL
ROBOTIC SYSTEMS

OPTIONAL MODULES:

ELECTRONICS FOR INSTRUMENTATION
DIGITAL CONTROL AND AUTOMATIC CONTROL
DRIVES, POWER GENERATION, TRANSMISSION AND RELAYING
DIGITAL SYSTEM DESIGN WITH HDL
MECHATRONIC SYSTEM DEVELOPMENT
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
MANUFACTURING ENGINEERING

TELECOMMUNICATIONS ENGINEERING **BEng**

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.

* In the 2021 Times Higher Education (THE) World University Rankings by Subject, XJTLU ranked 251-300th in Engineering.



ATTENDANCE

Full time



QUALIFICATION

XJTLU
BEng Telecommunications
Engineering



2+2 STUDY ABROAD

Available

University of Liverpool
BEng Electronic and
Electronic Engineering



DURATION

Three or four years

BEng Telecommunications
Engineering



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.

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

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 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 ENG. II
ENGINEERING DRAWING

YEAR THREE

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

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

YEAR FOUR

COMPULSORY MODULES:

ANALOGUE & DIGITAL COMMUNICATIONS II
INFORMATION THEORY AND DATA COMMUNICATIONS
FINAL YEAR PROJECT (PHASE I & II)
WIRELESS SYSTEMS

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

DESIGN SCHOOL

Founded in 2020, the Design School consists of the Departments of Architecture and Design, Civil Engineering, and Urban Planning and Design. We aspire to become a leading interdisciplinary built-environment education unit in China and beyond. Our students are exposed to a research-led, interdisciplinary learning environment that amalgamates design knowledge as well as technical and management education. Our programmes in architecture and civil engineering have gained international validations and accreditations by leading professional institutions, showcasing the learning quality and global recognition of our graduates.



ARCHITECTURE

BEng

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 design, 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 architecture and philosophy of arts, to materials, construction and environmental design, from urban studies to professional practice. Unlike other programmes, history of Asian and western architecture is both integrated and equally important in the curriculum.

This is the first Bachelor of Architecture at a Chinese university to receive validation from the Royal Institute of British Architects (RIBA). In their last accreditation report, the RIBA board commended the ambitious vision of the department and the university, the dedication of the staff and the provision of “exceptional workshop facilities, studios and resources”, and “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”.



ATTENDANCE

Full time



QUALIFICATION

XJTLU
BEng Architecture



2+2 STUDY ABROAD

Available

University of Liverpool
BA Architecture



DURATION

Three or four years



ACCREDITATION

RIBA Part 1

WHAT YOU WILL LEARN

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 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.

WHY STUDY ARCHITECTURE AT XJTLU?

- 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 your education at the University of Liverpool or to spend 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 Architecture Yearbook or to be featured in one of the exhibitions 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.

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).

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 ARCHITECTURE AND VISUAL CULTURE

ARCHITECTURAL REPRESENTATION AND COMMUNICATION

ADDITIONAL MODULES REQUIRED BY THE UNIVERSITY

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.

DESIGN THINKING AND ARTICULATION

SMALL SPACE DESIGN

STRUCTURES AND MATERIALS

HISTORY OF WESTERN ARCHITECTURE

SMALL SCALE ARCHITECTURAL DESIGN

INTRODUCTION TO ENVIRONMENTAL SCIENCE

HUMANITIES AND ARCHITECTURE

CONSTRUCTION AND MATERIALS

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 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.

ARCHITECTURAL TECHNOLOGY

SMALL AND MEDIUM SCALE BUILDINGS

ARCHITECTURAL THEORY

FINAL YEAR PROJECT

PROFESSIONAL PRACTICE

PHILOSOPHY OF ART AND AESTHETICS

ARCHITECTURAL ENGINEERING BEng

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 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).

* In the 2021 Times Higher Education (THE) World University Rankings by Subject, XJTLU ranked 251-300th in Engineering.



ATTENDANCE

Full time



ACCREDITATION

JBM



2+2 STUDY ABROAD

Available



QUALIFICATION

XJTLU
BEng Architectural
Engineering



DURATION

Three or four years

University of Liverpool
BEng Architectural
Engineering

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, Australia, 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.

YEAR TWO

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.

CONSTRUCTION METHODS

ENGINEERING STRUCTURES

REINFORCED CONCRETE AND STEELWORK

BUILDING TYPOLOGY IN INTEGRATED ARCHITECTURAL DESIGN

NUMERICAL METHODS

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

CIVIL ENGINEERING BEng

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).

* In the 2021 Times Higher Education (THE) World University Rankings by Subject, XJTU ranked 251-300th in Engineering.



ATTENDANCE

Full time



QUALIFICATION

XJTU
BEng Civil Engineering



2+2 STUDY ABROAD

Available

University of Liverpool
BEng Civil Engineering



DURATION

Three or four years



ACCREDITATION

JBM

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 XJTU?

- 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 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.

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.

DESIGN FOR ENGINEERS
DIFFERENTIAL EQUATIONS FOR ENGINEERS
INTRODUCTION TO MANAGEMENT
INTRODUCTION TO MATERIALS
FLUID MECHANICS
GEOLOGY
ENGINEERING SKILLS
SURVEYING
SOLIDS AND STRUCTURES

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 I.

CONSTRUCTION METHODS
ENGINEERING STRUCTURES
REINFORCED CONCRETE AND STEELWORK
NUMERICAL METHODS
HYDRAULICS
WATER RESOURCES ENGINEERING 1
CIVIL ENGINEERING PROJECT MANAGEMENT
BASIC SOIL MECHANICS
CAPSTONE DESIGN 1
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 structural design theory on steel, timber and masonry. You will also be offered modules related to foundations, earthquakes, environment and construction management. Capstone design 2 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.

ENVIRONMENTAL STUDIES
FOUNDATION ENGINEERING
STRUCTURAL DYNAMICS
ADVANCED SOIL MECHANICS
CONSTRUCTION MANAGEMENT
TRAFFIC AND HIGHWAYS DESIGN
EARTHQUAKE ENGINEERING
CAPSTONE DESIGN 2
WATER RESOURCES ENGINEERING 2
FINAL YEAR PROJECT
STEEL STRUCTURES
TIMBER AND MASONRY STRUCTURES

INDUSTRIAL DESIGN BEng

As an industrial designer, your vision leads high volume manufacturing, starting out with original 'one off' concept designs which can then be developed into high volume production. By taking advantage of the wide range of innovative materials and workshop processes at XJTLU, specialist products and furniture can be designed with manufacturing and industry in mind. This considerably increases the potential opportunities for XJTLU designers, to combine a range of design studio practices with knowledge of materials and industry processes, supported with recent investments rapid prototyping and design studio technologies for products and interaction design.

The BEng Industrial Design uses the best practices and latest development trends in design. You have the opportunity to work in local and international companies based in China within an international context. This mix of both academic and professional expertise together with specialist technical resources, forms a rich experience to establish your profile as a professional industrial designer.



ATTENDANCE

Full time



QUALIFICATION

XJTLU
BEng Industrial Design



2+2 STUDY ABROAD

Available

University of Liverpool
BEng Industrial Design



DURATION

Three or four years

WHAT YOU WILL LEARN

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

- Ability to use creative skills for the development and production of products, consumer goods and interactive designs and furniture design;
- Understanding how technology innovation and adaptive systems can be integrated into future products;
- User research processes to explore and design for user-experience in different markets and consumer contexts;
- Awareness of cross-cultural aspects of designing for the Chinese market and other contexts;
- Knowledge of materials structure and specification for high volume manufactured products;
- Marketing and practical model-making skills in presenting design development processes;
- Visual Language and Form development to build presentations through development processes;

WHY STUDY INDUSTRIAL DESIGN AT XJTLU?

- Learn how to interpret user values into visually creative design solutions, for product design, furniture design, interaction design and spatial contexts;
- Integrate professional prototyping and manufacturing processes with the latest 3D printers, CNC-machines, adaptive systems and sensors for interactive product design applications;
- Participate in collaborative projects and/or internship opportunities at national and multinational companies;
- 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.

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 students with a range of interesting modules, language classes and core skills for your degree. In Year One, BEng Industrial Design students take modules including calculus (MTH013), multivariable calculus (MTH008), physics (PHY004) and design expressions (2D) I and II (IND001 and IND002).

YEAR TWO

STATICS AND SOLIDS
COMPUTER AIDED DESIGN AND MODELING (3-D)
DIFFERENTIAL EQUATIONS FOR ENGINEERS
STUDIO: HUMAN NEEDS
MATERIALS FOR DESIGN
HISTORY OF INDUSTRIAL DESIGN
DESIGN COMMUNICATION
INTRODUCTION TO HUMAN COMPUTER INTERACTION
FLUID MECHANICS AND THERMODYNAMICS

YEAR THREE

STUDIO DESIGN PRACTICE
STUDIO: CONCEPT GENERATION & INTERACTION
USER-FOCUSED RESEARCH
ELECTRONICS IN DESIGN APPLICATIONS
DESIGN FOR MANUFACTURABILITY
ERGONOMICS
STUDIO: INDUSTRY COLLABORATION

YEAR FOUR

PROFESSIONAL PRACTICE
STUDIO DESIGN PRACTICE
CULTURE AND THEORY
DESIGN FOR SUSTAINABILITY
DESIGN STRATEGY AND ETHICS
FINAL YEAR PROJECT

URBAN PLANNING AND DESIGN BEng

In the BEng Urban Planning and Design programme, you will study the planning and design of urban and rural landscapes in both local and international contexts. You will obtain knowledge and skills to analyse, critique and contribute to the shaping of the sustainable development agenda in China and around the world.

You will learn how to formulate strategic plans, design liveable cities and create public places. The programme will equip you to consider the social, economic and environmental needs of society and their interaction with the environments we inhabit and build. You will learn how to help companies and governments make difficult land use and development decisions while accounting for concerns like achieving climate resilience and enabling community engagement.

The programme is international in focus, preparing students who will work in China to provide the critical planning skills needed for China's rapid rate of urbanisation while equipping those who will work in other countries for their career success.



ATTENDANCE

Full time



QUALIFICATION

XJTLU
BEng Urban Planning and Design



2+2 STUDY ABROAD

Available

University of Liverpool
BA Urban Planning and Design



DURATION

Three or four years

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 I

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

URBAN & ENVIRONMENTAL ECONOMICS

NEIGHBOURHOOD PLANNING

YEAR THREE

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

ENVIRONMENTAL SUSTAINABILITY

NETWORKS AND CITIES

URBAN DESIGN AND THEORY I

PLANNING AND RESEARCH METHODOLOGY

RURAL PLANNING

GEOGRAPHIC INFORMATION SYSTEMS (GIS)

PROJECTING AND MANAGING URBAN FUTURES

URBAN DESIGN AND THEORY 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 specialization 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

CRITICAL DEBATES IN CONTEMPORARY CITIES

INTERNATIONAL PLANNING STUDIES

INTERNATIONAL FIELD CLASS

Specialisation option one: Environmental planning

PLANNING PRACTICE STUDIO

SPATIAL PROJECT

Specialisation option two: Urban design

URBAN DESIGN STUDIO

SPATIAL PROJECT

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.



DIGITAL MEDIA ARTS BA

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;
- Get 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.

✓ **ATTENDANCE**
Full time

🌐 **2+2 STUDY ABROAD**
Not Available

🕒 **DURATION**
Three or four years

🎓 **QUALIFICATION**
XJTLU
BA Digital Media Arts

University of Liverpool
BA Digital Media Arts

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:
COMPUTER APPLICATIONS FOR DIGITAL MEDIA ARTS
INTRODUCTION TO JAVA PROGRAMMING
INTRODUCTION TO SOUND
INTRODUCTION TO CAMERA & LIGHTING
INTRODUCTION TO POST PRODUCTION
INTRODUCTION TO STORYTELLING
INTRODUCTION TO VISUAL COMMUNICATION
MOTION GRAPHICS
DIGITAL COMPOSITING
CREATIVE CODING

YEAR THREE

COMPULSORY MODULES:

MINOR DIGITAL ARTS PROJECT
THE MUSIC PROMO
THE ART OF POST PRODUCTION
VISUAL EFFECTS
COMPUTATIONAL ART
MOTION DESIGN

OPTIONAL MODULES:

EXPERIMENTAL FILM PRACTICES
STUDIO: CONCEPT GENERATION AND INTERACTION

YEAR FOUR

COMPULSORY MODULES:

FINAL YEAR PROJECT: MOVING IMAGE
MAJOR DIGITAL MEDIA ARTS PROJECT
COLLABORATIVE PROJECT
PROFESSIONAL PRACTICE: DIGITAL MEDIA ARTS

FILMMAKING BA

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, storytelling, 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 specialisation;
- 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.

✓ **ATTENDANCE**
Full time

🌐 **2+2 STUDY ABROAD**
Not Available

🕒 **DURATION**
Three or four years

🎓 **QUALIFICATION**
XJTLU
BA Filmmaking
University of Liverpool
BA Filmmaking

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

DOCUMENTARY THEORY AND PRACTICE
INTRODUCTION TO SOUND
INTRODUCTION TO CAMERA AND LIGHTING
INTRODUCTION TO FILM AND TV
INTRODUCTION TO POST-PRODUCTION
INTRODUCTION TO STORYTELLING
INTRODUCTION TO PRODUCTION
INTRODUCTION TO CHINESE LITERATURE
SCREEN WRITING FOR FILM AND TV
FICTION THEORY AND PRACTICE
INTRODUCTION TO DIRECTING
ENGLISH LANGUAGE AND STUDY SKILLS III FOR LANGUAGE AND COMMUNICATIONS

YEAR THREE

COMPULSORY MODULES:
EUROPEAN CINEMA
DOCUMENTARY CRAFT

ADAPTATION ACROSS THE MEDIA

MINOR FILM PROJECT

MODERN AND CONTEMPORARY CHINESE LITERATURE

FILM AND TV CULTURES

OPTIONAL MODULES:

DIRECTING: CRAFT AND PRACTICE

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

YEAR FOUR

COMPULSORY MODULES:

COLLABORATIVE PROJECT

MARKETING AND DISTRIBUTION OF CONTENT IN A GLOBAL CONTEXT

CREATIVE PROJECT DEVELOPMENT

MEDIATED PROJECT

FINAL YEAR PROJECT: MOVING IMAGE

TV PRODUCTION BA

Television production is expanding globally. With more and more platforms for viewing and audiences hungry for new content the BA (Hons) Television Production is an innovative programme based in China that offers students the opportunity to not only learn the technical and creative skills necessary to make high quality Television programmes, but to also develop new content aimed at the internal Chinese and global marketplace.

Whether you want to create a new reality TV format, produce a game show, shoot a prototype show on location or a magazine show in our state-of-the-art Television studio the BA (Hons) Television Production programme will equip you with the skills, knowledge and industry know-how to achieve your career goals.

The BA (Hons) Television Production programme commissions work like a production company with an industry focus. Throughout the programme you will either be in development, pre-production, shooting or in post-production alongside developing, pitching, producing and directing TV shows.



WHAT YOU WILL LEARN

By the time you graduate from the BA TV Production, you will have:

- a full awareness of your creative potential as a content developer and programme maker with the ability to take your knowledge, specialist skills and understanding into the Television and media industries;
- knowledge of development, pre-production and production techniques. The ability to research and critically analyse work from a creative, market perspective;
- advanced, specialist skills and professional practice across the development, pre-production, production, post-production and distribution aspects of the Television industries;
- the ability to produce work that is informed by and contextualised within relevant theoretical issues and debates alongside market potential and local and global trends;

WHY STUDY TV PRODUCTION AT XJTLU?

- Enjoy new, state-of-the-art facilities that include a multi-camera Television studio, film studio, high-end edit suites, sound recording studio, dubbing and grading studios and a 180-seat cinema. A one-stop-shop for creative Television programme making;
- Learn critical analysis of your own and others work within a creative development context, where analysis and practice go hand-in-hand as you develop and make new content;
- Follow industry practices from development of ideas, commissioning of projects through to the marketing and distribution of completed content;
- Learn from international, award-winning staff with industry expertise, and industry guest speakers
- Experience a collaborative, professional, industry project-based program;
- 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 creative for web 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.

✓ **ATTENDANCE**
Full time

🎓 **QUALIFICATION**
XJTLU
BA TV Production

🌐 **2+2 STUDY ABROAD**
Not Available

🎓 **University of Liverpool**
BA TV Production

🕒 **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:

INSERTS PRODUCTION
INTRODUCTION TO SOUND
INTRODUCTION TO CAMERA AND LIGHTING
INTRODUCTION TO FILM AND TV
INTRODUCTION TO POST-PRODUCTION
INTRODUCTION TO STORYTELLING
DEVELOPMENT AND PRE-PRODUCTION FOR TV
INTRODUCTION TO DIGITAL MEDIA AND COMMUNICATION
STUDIO ROLES AND RESPONSIBILITIES
SERIES PRODUCTION

YEAR THREE

COMPULSORY MODULES:

STUDIO PRACTICE
THE ART OF SOUND
THE ART OF POST-PRODUCTION
MINOR TV PROJECT
HISTORY OF BROADCASTING

YEAR FOUR

COMPULSORY MODULES:

FINAL YEAR PROJECT: MOVING IMAGE
MAJOR TV STUDIO PROJECT
COLLABORATIVE PROJECT
SINGLE CAMERA PROJECT
CREATIVE PROJECT DEVELOPMENT

SCHOOL OF HUMANITIES AND SOCIAL SCIENCES

The School of Humanities and Social Sciences was established in September 2020 to research and educate across different disciplines in humanities and social sciences. The School offers a wide range of degree programmes including eight undergraduate programmes, six postgraduate programmes and PhD programmes, as well as international visiting and exchange student programmes.



APPLIED ENGLISH BA

The BA Applied English is the ideal undergraduate degree programme for those wishing to major in linguistics, literature and translation studies in an international context.

The programme is designed for those interested in studying English as a subject matter in its own right. You will learn about the many ways in which English, and more broadly, languages are used around the world today. In addition to being in a stimulating environment where you can develop your intellectual faculties, the programme also provides ample opportunity for you to apply your knowledge in a real-world setting. This is done, for instance, through the practice of translation and interpreting.

You will acquire a range of skills not only to suit for language teaching, translation and interpreting, and editing, but transferable in many settings across any sector that requires the ability to identify real-world problems in an innovative manner and effectively communicate solutions.



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 XJTLU?

- 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

✓ **ATTENDANCE**
Full time

🎓 **QUALIFICATION**
XJTLU
BA English

🌐 **2+2 STUDY ABROAD**
Available

University of Liverpool
BA Applied English

🕒 **DURATION**
Three or four years

TECHNICAL TRANSLATION
JANE AUSTEN
BILINGUALISM
LANGUAGE AND MIND
LANGUAGE AND GENDER
POSTCOLONIAL LITERATURE

YEAR FOUR

COMPULSORY MODULES:

FINAL YEAR PROJECT

OPTIONAL MODULES:

ANALYSING TEXT
CONFERENCE INTERPRETING
ADVANCED LITERATURE – BRITISH ROMANTICISM
TECHNOCULTURE
CHINESE LINGUISTICS
HISTORICAL LINGUISTICS
INTERPERSONAL COMMUNICATION IN THE WORKPLACE
LANGUAGE AND LITERATURE
ADVANCED LITERATURE – APPROACHES TO MODERN POETRY
LANGUAGE OF THE LAW
INTERCULTURAL COMMUNICATION
APPLIED LINGUISTICS
THE GOTHIC
POSTMODERN LITERATURE

CHINA STUDIES BA

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.

* In the 2021 Times Higher Education (THE) World University Rankings by Subject, XJTLU ranked 201-250th in Social Sciences.



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



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 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 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

CHINESE CIVILISATION: THINKERS AND IDEAS

CHINESE HISTORY: 1027 BCE-1927 AD

TWENTIETH CENTURY CHINA

CHINA: SOCIETY AND DEVELOPMENT

CHINA: GOVERNMENT AND POLITICS

CLASSICAL CHINESE 1

INTRODUCTION TO CLASSICAL CHINESE [NOTE]

INTRODUCTION TO CHINESE LITERATURE

DOING BUSINESS IN CHINA

YEAR THREE

PATHWAY: TEACHING CHINESE AS AN INTERNATIONAL LANGUAGE

CLASSICAL CHINESE 2

CHINA: CULTURE, LANGUAGE AND COMMUNICATION

TEACHING CHINESE AS AN INTERNATIONAL LANGUAGE I

MODERN AND CONTEMPORARY CHINESE LITERATURE

INTRODUCTION TO SECOND LANGUAGE ACQUISITION

PEDAGOGICAL CHINESE GRAMMAR

PATHWAY: CONTEMPORARY CHINA STUDIES
Choose three from the following:

INTERNATIONAL CHINA

CHINA: FAMILY AND SOCIETY

CHINA: ENTERPRISE AND ENTERPRISE DEVELOPMENT

CHINESE CINEMA

CLASSICAL CHINESE 2

CHINA: CULTURE, LANGUAGE AND COMMUNICATION/DEVELOPMENT

Choose three from the following:

CHINA AND ASIA

CHINA: REGIONAL DEVELOPMENT

MODERN AND CONTEMPORARY CHINESE LITERATURE.

YEAR FOUR

COMPULSORY MODULES:

CHINA STUDIES: FINAL YEAR PROJECT

PATHWAY: TEACHING CHINESE AS AN INTERNATIONAL LANGUAGE

CHINESE AS A GLOBAL LANGUAGE

CHINESE LINGUISTICS

CHINESE THEATRE AND PERFORMANCE

PEDAGOGICAL CHINESE GRAMMAR

CHINESE WRITING

PATHWAY: CONTEMPORARY CHINA STUDIES
Choose three from the following:

LOCAL GOVERNMENT IN CHINA

WEST CHINA

CHINA: INTERNATIONAL TRADE

CHINESE LINGUISTICS

CHINESE THEATRE AND PERFORMANCE

CHINESE 3

Choose three from the following:

SOCIAL POLICY IN CHINA

CHINA: UNDERSTANDING GENDER

CHINA: THE PUBLIC SECTOR

CLASSICAL CHINESE 3

CHINESE AS A GLOBAL LANGUAGE

INTRODUCTION TO SECOND LANGUAGE ACQUISITION

ENGLISH AND COMMUNICATION STUDIES BA

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.



ATTENDANCE

Full time



QUALIFICATION

XJTLU

BA English and Communication Studies



2+2 STUDY ABROAD

Available



DURATION

Three or four years

University of Liverpool

BA English and Communication Studies



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 LITERARY STUDIES

CHOOSE ONE FROM THE FOLLOWING:

SOUNDS OF ENGLISH

ENGLISH AS A GLOBAL LANGUAGE

CHOOSE TWO OPTIONS IN ENGLISH FROM THE FOLLOWING:

LITERATURE IN CONTEXT

LITERARY THEORY

INTRODUCTION TO CORPUS LINGUISTICS

SYNTAX

CHOOSE TWO OPTIONS IN COMMUNICATION FROM THE FOLLOWING:

RHETORIC & MEDIA ANALYSIS

FOUNDATIONS IN FILM STUDIES (FILM STUDIES)

INTRODUCTION TO JOURNALISM STUDIES

INTRODUCTION TO DIGITAL MEDIA AND COMMUNICATION

YEAR THREE

CHOOSE TWO OPTIONS IN ENGLISH FROM THE FOLLOWING:

ADVERTISING AND THE MEDIA

TRANSLATION

LITERATURE OF THE ENLIGHTENMENT

LITERATURE AND GENDER

LANGUAGE AND SOCIETY

SEMANTICS AND PRAGMATICS

CHOOSE TWO OPTIONS IN COMMUNICATION FROM THE FOLLOWING:

QUALITATIVE RESEARCH METHODS

NEWS REPORTING

DIGITAL MEDIA AND PRODUCTION

CHINESE FILM

CHOOSE TWO OPTIONS IN ENGLISH FROM THE FOLLOWING:

LANGUAGE AND MIND

INTERPRETING

TECHNICAL TRANSLATION

POSTCOLONIAL LITERATURE

JANE AUSTEN

BILINGUALISM

LANGUAGE AND GENDER

CHOOSE TWO OPTIONS IN COMMUNICATION FROM THE FOLLOWING:

GLOBAL MEDIA AND ENTERTAINMENT

ADAPTATION ACROSS THE MEDIA

GLOBAL JOURNALISM

CHINA AND THE DIGITAL REVOLUTION

YEAR FOUR

CHOOSE ONE FYP OPTION:

FINAL YEAR PROJECT (ENGLISH)

FINAL YEAR PROJECT (COMMUNICATIONS)

CHOOSE THREE OPTIONS FROM THE FOLLOWING:

ADVANCED LITERATURE - BRITISH ROMANTICISM

TECHNOCULTURES

CLIMATE CHANGE AND LITERATURE

ANALYSING TEXT

CHINESE LINGUISTICS

HISTORICAL LINGUISTICS

CONFERENCE INTERPRETING

CHINESE CINEMA

CULTURAL & CREATIVE INDUSTRIES IN A DIGITAL ECONOMY

INVESTIGATIVE JOURNALISM

GLOBAL MEDIA CULTURES

CHOOSE THREE OPTIONS FROM THE FOLLOWING:

ADVANCED LITERATURE - APPROACHES TO MODERN POETRY

THE GOTHIC

POSTMODERN LITERATURE

INTERPERSONAL COMMUNICATION IN THE WORKPLACE

LANGUAGE AND LITERATURE

LANGUAGE OF THE LAW

INTERCULTURAL COMMUNICATION

APPLIED LINGUISTICS

PORTRAYAL OF CHINA IN WESTERN MEDIA

TRUE STORIES TOLD

THE CITY IN FILMS

FILM STUDIES FOR THE DIGITAL AGE

GLOBALIZATION & SCIENCE COMMUNICATION

LOVE, SEX & FOOD IN THE DIGITAL AGE

ENGLISH AND FINANCE BA

The interdisciplinary BA English and Finance programme combines English language and finance 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 financial context.

English modules offer a wide choice of topics, such as linguistics, literature, interpreting and translation. In Finance modules, you will study economics and finance and financial mathematics alongside students in XJTLU's International Business School Suzhou (IBSS).



ATTENDANCE

Full time



QUALIFICATION XJTLU

BA English and Finance



2+2 STUDY ABROAD

Not Available

University of Liverpool
BA English and Finance



DURATION

Three or four years

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.

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.

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 STATISTICS
INTRODUCTION TO FINANCIAL ACCOUNTING & ACCOUNTABILITY
INTRODUCTION TO LINGUISTICS
FOUNDATIONS OF FINANCE

OPTIONAL MODULES:

SOUNDS OF ENGLISH
INTRODUCTION TO LITERARY STUDIES
ENGLISH AS A GLOBAL LANGUAGE
INTRODUCTION TO CORPUS LINGUISTICS
LITERARY THEORY
LITERATURE IN CONTEXT
SYNTAX

CHOOSE:

ECONOMIC PRINCIPLES FOR BUSINESS & MARKETS
MATHS FOR ECONOMIC AND BUSINESS

YEAR THREE

COMPULSORY MODULES:

THEORY OF THE FIRM
FINANCIAL MANAGEMENT

OPTIONAL MODULES:

TRANSLATION
LANGUAGE AND SOCIETY
ADVERTISING AND THE MEDIA
LITERATURE AND GENDER
SEMANTICS AND PRAGMATICS

LITERATURE OF ENLIGHTENMENT

INTERPRETING

BILINGUALISM

LANGUAGE AND MIND

LANGUAGE AND GENDER

JANE AUSTEN

TECHNICAL TRANSLATION

POSTCOLONIAL LITERATURE

CHOOSE ONE FROM THE FOLLOWING:

ECONOMETRICS I

CORPORATE FINANCE

SECURITIES MARKETS

INTERNATIONAL DEVELOPMENT

YEAR FOUR

COMPULSORY MODULES:

BUSINESS FINANCE

FINANCE AND MARKETS

INTERNATIONAL ECONOMIC RELATIONS

OPTIONAL MODULES:

ANALYZING TEXT

CHINESE LINGUISTICS

HISTORICAL LINGUISTICS

ADVANCED LITERATURE – BRITISH

ROMANTICISM

CONFERENCE INTERPRETING

TECHNOCULTURE

CLIMATE CHANGE AND LITERATURE

INTERPERSONAL COMMUNICATION IN THE WORKPLACE

APPLIED LINGUISTICS

LANGUAGE AND LITERATURE

INTERCULTURAL COMMUNICATION

POSTMODERN LITERATURE

LANGUAGE OF THE LAW

THE GOTHIC

ADVANCED LITERATURE: APPROACHES TO MODERN POETRY

FINAL YEAR PROJECT (PHASE I&II)

ENGLISH AND INTERNATIONAL BUSINESS BA

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 XJTU's International Business School Suzhou (IBSS).



ATTENDANCE

Full time



QUALIFICATION

XJTU
BA English and
International Business



2+2 STUDY ABROAD

Available



DURATION

Three or four years

University of Liverpool

BA English and
International Business

CAREERS AND FURTHER STUDY

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.

WHAT YOU WILL LEARN

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

- the ability to communicate professionally in English, using the language confidently in the context of international business and finance;
- an understanding of the functional aspects of international business, such as international markets and ethical problems facing international organisations;
- the ability to evaluate the application of international business theory within private, public, large and small business sectors.

WHY STUDY ENGLISH AND INTERNATIONAL BUSINESS AT XJTU?

- Gain insights into the language of specialist domains such as the business and finance world;
- Choose from options in marketing, management and economics to develop and extend your knowledge of business-related management 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 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.

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:

FUNDAMENTALS OF MARKETING

MANAGING ACROSS BORDERS

INTRODUCTION TO LINGUISTICS

ECONOMIC PRINCIPLES FOR BUSINESS & MARKETS

FOUNDATIONS OF FINANCE

OPTIONAL MODULES:

SOUNDS OF ENGLISH

ENGLISH AS A GLOBAL LANGUAGE

INTRODUCTION TO LITERARY STUDIES

ENGLISH LITERATURE IN HISTORY

INTRODUCTION TO CORPUS LINGUISTICS

SYNTAX

LITERARY THEORY

YEAR THREE

COMPULSORY MODULES:

INTERNATIONAL MANAGEMENT

CORPORATE SOCIAL RESPONSIBILITY

INTERNATIONAL DEVELOPMENT

SECURITIES MARKETS

OPTIONAL MODULES:

ADVERTISING AND THE MEDIA

TRANSLATION

LANGUAGE AND SOCIETY

EIGHTEENTH CENTURY LITERATURE:

ROBINSON CRUSOE TO FRANKENSTEIN

LITERATURE AND GENDER

INTERPRETING

BILINGUALISM

SEMANTICS AND PRAGMATICS

JANE AUSTEN

TECHNICAL TRANSLATION

POSTCOLONIAL LITERATURE

LANGUAGE AND GENDER

LANGUAGE AND MIND

YEAR FOUR

COMPULSORY MODULES:

INTERNATIONAL MARKETING

SERVICES MARKETING

STRATEGIC MANAGEMENT AND BUSINESS POLICY

OPTIONAL MODULES:

ANALYZING TEXT

CONFERENCE INTERPRETING

ADVANCED LITERATURE-BRITISH ROMANTICISM

TECHNOCULTURE

CHINESE LINGUISTICS

HISTORICAL LINGUISTICS

INTERPERSONAL COMMUNICATION IN THE WORKPLACE

ADVANCED LITERATURE -APPROACHES TO MODERN POETRY

LANGUAGE OF THE LAW

INTERCULTURAL COMMUNICATION

POSTMODERN LITERATURE

LANGUAGE AND LITERATURE

APPLIED LINGUISTICS

THE GOTHIC

CLIMATE CHANGE AND LITERATURE

COMPULSORY MODULES (CHOOSE 1 OUT OF 2):

FINAL YEAR PROJECT (PHASE I&II)

FINAL YEAR PROJECT (PHASE I&II)

INTERNATIONAL RELATIONS BA

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.

* In the 2021 Times Higher Education (THE) World University Rankings by Subject, XJTLU ranked 201–250th in Social Sciences.



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.



ATTENDANCE

Full time



QUALIFICATION

XJTLU
BA International Relations



2+2 STUDY ABROAD

Not Available

University of Liverpool

BA International Relations



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:

CONTEMPORARY INTERNATIONAL RELATIONS

WORLD HISTORY: TWENTIETH CENTURY TO TODAY

REGIONAL INTEGRATION: THE CASE OF EUROPE
INTERNATIONAL POLITICS OF DEVELOPMENT IN AFRICA

INTERNATIONAL POLITICAL ECONOMY

CHINA: GOVERNMENT AND POLITICS

HISTORY OF THE AMERICAS

EAST AND SOUTHEAST ASIA: THE PACIFIC CENTURY

ENGLISH/CHINESE/SPANISH/JAPANESE LANGUAGE CLASSES

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

COMPULSORY MODULES:

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

MEDIA AND COMMUNICATION STUDIES BA

The BA Media and Communication Studies is a comprehensive programme consisting of three pathways (digital media, journalism and PR, and film studies) that enables you to engage critically with a diverse range of media practices.

The media have profound effects on human behaviour and social interactions. This programme takes an in-depth look at these effects, providing you with the knowledge and skills to become an informed, tech-savvy and versatile media researcher and user, able to expertly and confidently navigate the increasingly competitive job market of media industries.

You will explore a wide variety of media phenomena, situating them in a historical, socio-cultural and economic context and developing conceptual frameworks to interpret them. The programme will foster both your creativity and an analytical mindset, which you will get the chance to apply in academic assignments and practical projects. You will acquire a global, critical outlook that will boost your employability and you will understand yourself and the world around you better.

* In the 2021 Times Higher Education (THE) World University Rankings by Subject, XJTLU ranked 201–250th in Social Sciences.



ATTENDANCE

Full time



QUALIFICATION

XJTLU

BA Media and Communication Studies

University of Liverpool

BA (Hons) Communication and Media



2+2 STUDY ABROAD

Available



DURATION

Three or four years

WHAT YOU WILL LEARN

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

- a range of specialised skills clustered around three main areas of critical inquiry and practice (digital media, journalism and film studies);
- a set of transferrable skills such as intercultural and interpersonal communication, research, argumentation, teamwork, project management;
- an aptitude for the analysis of the ideological and aesthetic significance of a multitude of media texts;
- an understanding of the role played by technological advancements and economic and cultural factors in the development of media systems;
- an ability to unpack the complex national, regional and global contexts in which media operate;
- an awareness of your creative and critical potential and an ability to actualise it;

WHY STUDY MEDIA AND COMMUNICATION STUDIES AT XJTLU?

- To develop a systematic, rigorous and subtle approach to the study of media and communication, through an inclusive and varied curriculum, structured around three main disciplinary sub-fields (digital media, journalism and PR, film studies);
- To actively and freely shape your undergraduate experience by choosing from a rich offering of modules, including electives outside the department;
- Opportunities to contribute to the student magazine, join the student film club and attend research and industry guest talks;
- To learn from and interact with international staff, and gain practical experience through internships and hands-on production modules;
- To 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 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.

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:

GLOBAL MEDIA INDUSTRIES
 REPRESENTATION, DIVERSITY AND IDENTITY
 AUDIENCES AND MEDIA USERS
 INTRODUCTION TO VIDEO PRODUCTION
 RHETORIC AND MEDIA ANALYSIS
 FOUNDATIONS IN FILM STUDIES
 INTRODUCTION TO JOURNALISM STUDIES
 INTRODUCTION TO DIGITAL MEDIA AND COMMUNICATION
 ENGLISH LANGUAGE AND STUDY SKILLS III FOR LANGUAGE AND COMMUNICATIONS

YEAR THREE

COMPULSORY MODULES:

QUALITATIVE RESEARCH METHODS
 NEWS REPORTING
 EUROPEAN CINEMA
 DIGITAL MEDIA LAW AND ETHICS
 QUANTITATIVE RESEARCH METHODS

OPTIONAL MODULES:

MULTIMEDIA PR CAMPAIGNS
 HOLLYWOOD CINEMA
 SOCIAL NETWORK ANALYSIS
 POSTCOLONIAL LITERATURE (PENDING ENG APPROVAL)
 PHOTOJOURNALISM
 ARTIFICIAL INTELLIGENCE (PENDING CSE APPROVAL)
 DIGITAL COMPOSITING
 MOTION GRAPHICS
 INTRODUCTION TO VISUAL COMMUNICATION
 CHINA AND ASIA
 MODERN AND CONTEMPORARY CHINESE LITERATURE
 E-MARKETING: STRATEGIES AND TECHNIQUES

YEAR FOUR

COMPULSORY MODULES:

FINAL YEAR PROJECT
 INVESTIGATIVE JOURNALISM
 CHINESE CINEMA
 ARTIFICIAL INTELLIGENCE AND BIG DATA IN SOCIETY

CULTURAL AND CREATIVE INDUSTRIES IN A DIGITAL ECONOMY

OPTIONAL MODULES:

TRUE STORIES TOLD
 THE CITY IN FILMS
 FILM STUDIES FOR THE DIGITAL AGE
 MARKETING AND DISTRIBUTION OF CONTENT IN A GLOBAL CONTEXT
 GLOBAL MEDIA CULTURES
 INTERACTIVE AND EMERGING TECHNOLOGIES
 GLOBALISATION AND SCIENCE COMMUNICATION
 PORTRAYAL OF CHINA IN WESTERN MEDIA
 LOVE, SEX AND FOOD IN THE DIGITAL AGE
 ADVERTISING AND PUBLIC RELATIONS
 CHINESE AS A GLOBAL LANGUAGE
 INTERCULTURAL COMMUNICATION
 CHINESE THEATRE AND PERFORMANCE
 CULTURE AND THEORY (PENDING IND APPROVAL)
 PHILOSOPHY OF ARTS AND AESTHETICS
 INTERNATIONAL COMMUNICATIONS
 PUBLIC POLICY AND CULTURAL DIPLOMACY
 DESIGN STRATEGY AND ETHICS (PENDING IND APPROVAL)
 FINDING SOLUTIONS: DEVELOPMENT THEORY AND PRACTICE
 US INTELLIGENCE AND FOREIGN POLICY
 CRITICAL ISSUES IN MARKETING
 MARKETING STRATEGY
 E-BUSINESS MODELS AND STRATEGIES
 INTERNATIONAL MARKETING
 CORPORATE COMMUNICATION
 BIG DATA ANALYTICS (PENDING CSE APPROVAL)
 SOCIAL MEDIA MARKETING
 INTERPERSONAL COMMUNICATION IN THE WORKPLACE (PENDING ENG APPROVAL)
 TECHCULTURE

TRANSLATION AND INTERPRETING BA

Students in the BA Translation and Interpreting programme will gain a wide range of disciplinary and domain-specific knowledge, build up solid bilingual communication skills with sufficient information communication technology training, and have a critical awareness of the role of translators and interpreters in a broader social, business and intercultural context. Throughout their studies, students will develop the intellectual, interpersonal, technical, research and analytical skills required to build a successful career within and beyond the translation and language services industries. In addition, they will learn to adapt and respond positively to the changing circumstances in the market.



ATTENDANCE

Full time



QUALIFICATION

XJTLU
BA Translation and Interpreting



2+2 STUDY ABROAD

Not Available

University of Liverpool

BA Translation and Interpreting



DURATION

Three or four years

WHAT YOU WILL LEARN

- 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 PHARMACEUTICAL SCIENCES 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 the work of international, national, local organisations, think-tank and research institutions, both in China and in other countries of the world. Graduates may find employment in a range of sectors including multilateral organisations, governments, Non-Governmental Organisations, education, media, development, banking, business and trade relations. The programme also offers a solid foundation for pursuing further study in the humanities and social sciences. Our graduates have been accepted in the MA programmes of world-renowned universities, including: London School of Economics, Sciences Po Paris, University College London, University of California, San Diego, etc.

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 TRANSLATION AND INTERPRETING

INTRODUCTION TO LITERARY STUDIES

INTRODUCTION TO LINGUISTICS: GRAMMAR

INTRODUCTION TO LINGUISTICS: SPOKEN AND WRITTEN DISCOURSE

BASIC TRANSLATION SKILLS

LIAISON INTERPRETING

TRANSLATION AND GLOBALISATION

TRANSLATION IN CONTEXT

YEAR THREE

TRANSLATION: THEORY AND PRACTICE

LANGUAGE STUDIES FOR TRANSLATION

SIGHT TRANSLATION

INTERPRETING

TRANSLATION TECHNOLOGY

OPTIONAL MODULES:

CHINA: CULTURE, LANGUAGE AND COMMUNICATION

LITERARY TRANSLATION

TRANSLATION AND CULTURE

TRANSLATION AND COMPUTATION

TRANSLATION AND JOURNALISM

TRANSLATION AND INTERPRETING FOR INTERNATIONAL BUSINESS

TRANSLATION FOR LEGAL PURPOSES

YEAR FOUR

TRANSLATING CHINA I: CULTURE AND HISTORY

TRANSLATING CHINA II: SOCIETY AND ECONOMY

CONFERENCE INTERPRETING

TRANSLATION AND INTERPRETING AS A PROFESSION

TRANSLATION AND INTERPRETING: FINAL YEAR PROJECT

OPTIONAL MODULES:

TRANSLATION AND SOCIETY

LOCALISATION AND TRANSLATION PROJECT MANAGEMENT

INTRODUCTION TO AUDIO-VISUAL TRANSLATION

TRANSLATION WORKSHOP (I)

TRANSLATION WORKSHOP (II)

INTERNATIONAL BUSINESS SCHOOL SUZHOU

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.



ACCOUNTING BA

The BA Accounting provides you with an understanding of the principles, techniques and applications of accounting and finance in a practical context, as well 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 in industry;
- Benefit from the University's close ties with leading international chartered accountancy 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.

✓ **ATTENDANCE**
Full time

🎓 **QUALIFICATION**
XJTLU
BMan Accounting

🌐 **2+2 STUDY ABROAD**
Available

University of Liverpool
BA (Hons) Accounting

🕒 **DURATION**
Three or four years

👤 **ACCREDITATION**
AACSB, ACA, ACCA,
CIMA, CPA

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 ORGANISATION AND MANAGEMENT
QUANTITATIVE METHODS
INTRODUCTION TO FINANCIAL ACCOUNTING
SKILLS FOR THE PROFESSIONAL ACCOUNTANTS
ECONOMIC PRINCIPLES FOR BUSINESS AND MARKETS
INTRODUCTION TO FINANCE
INTRODUCTION TO MANAGERIAL ACCOUNTING
INFORMATION SYSTEM FOR ACCOUNTANTS

YEAR THREE

CORPORATE SOCIAL RESPONSIBILITY
FINANCIAL REPORTING I
MANAGEMENT ACCOUNTING
BUSINESS LAW
ACCOUNTING THEORY
FINANCIAL MANAGEMENT
AUDIT AND ASSURANCE
TAX COMPLIANCE

YEAR FOUR

BUSINESS FINANCE
FINANCIAL REPORTING II
ADVANCED TAXATION
ADVANCED AUDITING
ADVANCED MANAGEMENT ACCOUNTING
BUSINESS STRATEGY
CORPORATE REPORTING, ANALYSIS
FINAL YEAR PROJECT

BUSINESS ADMINISTRATION BA

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.



WHAT YOU WILL LEARN

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.

CAREERS AND FURTHER STUDY

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.

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 Two will provide you with a firm foundation in business administration. You will study the following core modules:

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

✓ **ATTENDANCE**
Full time

🌐 **2+2 STUDY ABROAD**
Available

🕒 **DURATION**
Three or four years

🎓 **QUALIFICATION**
XJTLU
BMan Business Administration

University of Liverpool
BA Business Administration
BA (Hons) Business Management

THEORY OF THE FIRM

CORPORATE SOCIAL RESPONSIBILITY

INTERNATIONAL MANAGEMENT

BUSINESS AND EMPLOYMENT LAW

MARKET RESEARCH

OPTIONAL MODULES:

SERVICES MARKETING

INTERNATIONAL DEVELOPMENT

ENTREPRENEURSHIP

PROJECT MANAGEMENT ESSENTIALS

YEAR FOUR

COMPULSORY MODULES:

MANAGING PEOPLE

PSYCHOLOGICAL APPROACHES TO DECISIONMAKING

CORPORATE COMMUNICATION

FINAL EXAMINATION YEAR PROJECT6 (PHASE I AND II)

STRATEGIC MANAGEMENT AND BUSINESS POLICY

OPTIONAL MODULES:

MARKETING STRATEGY

E-BUSINESS MODELS AND STRATEGIES

INTERNATIONAL ECONOMIC RELATIONS

ECONOMICS BSc

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 training to understand, analyse and interpret the workings of real-world markets.

While all students receive a rigorous 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.



ATTENDANCE

Full time



ACCREDITATION

AACSB



2+2 STUDY ABROAD

Available



QUALIFICATION

XJTLU

BEcon Economics



DURATION

Three or four years

University of Liverpool

BA Business Economics

BSc Economics

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.

YEAR TWO

COMPULSORY MODULES:

PRINCIPLES OF MICROECONOMICS

INTRODUCTION TO STATISTICS

PRINCIPLES OF MACROECONOMICS

MATHEMATICS FOR ECONOMICS AND BUSINESS

You will also choose optional modules in finance, international business, or marketing, depending on your chosen specialisation.

OPTIONAL MODULES (FINANCE SPECIALISATION):

INTRODUCTION TO FINANCIAL ACCOUNTING AND ACCOUNTABILITY

INTRODUCTION TO BUSINESS AND ECONOMICS

FOUNDATIONS OF FINANCE

INTRODUCTION TO MANAGERIAL ACCOUNTING

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

ECONOMETRICS I

MICROECONOMICS II

MACROECONOMICS II

ECONOMETRICS II

You will also choose optional modules to continue with your chosen pathway in finance, international business, or marketing.

OPTIONAL MODULES (FINANCE SPECIALISATION):

HISTORY OF ECONOMIC THOUGHT

ISSUES OF ECONOMIC POLICY

FINANCIAL MANAGEMENT

BEHAVIOURAL ECONOMICS

DYNAMIC OPTIMISATION IN ECONOMICS

OPTIONAL MODULES (INTERNATIONAL BUSINESS SPECIALISATION):

INTERNATIONAL MANAGEMENT

HISTORY OF ECONOMIC THOUGHT

INTERNATIONAL DEVELOPMENT

BEHAVIOURAL ECONOMICS

INTERNATIONAL LABOUR MARKETS

DYNAMIC OPTIMISATION IN ECONOMICS

ISSUES OF ECONOMIC POLICY

OPTIONAL MODULES (MARKETING SPECIALISATION):

RETAIL MARKETING

HISTORY OF ECONOMIC THOUGHT

MARKET RESEARCH

BEHAVIOURAL ECONOMICS

DYNAMIC OPTIMISATION IN ECONOMICS

ISSUES OF ECONOMIC POLICY

YEAR FOUR

COMPULSORY MODULES:

ADVANCED ECONOMETRICS

FINAL YEAR PROJECT (PHASE I AND II)

ADVANCED MACROECONOMICS

You will also choose optional modules to continue with your chosen pathway in finance, international business, or marketing.

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):

INTERNATIONAL MARKETING

CORPORATE COMMUNICATION

MONETARY ECONOMICS

GAME THEORY

STRATEGIC MANAGEMENT AND BUSINESS POLICY

SERVICE MARKETING

THE CHINESE ECONOMY

ECONOMICS AND FINANCE BSc

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.

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.

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.

✓ **ATTENDANCE**
Full time

🎓 **QUALIFICATION**
XJTLU
BEcon Economics

🌐 **2+2 STUDY ABROAD**
Available

University of Liverpool
BSc Economics and Finance
BSc (Hons) Economics

🕒 **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

PRINCIPLES OF MICROECONOMICS
INTRODUCTION TO STATISTICS
FOUNDATIONS OF FINANCIAL ACCOUNTING
INTRODUCTION TO BUSINESS AND ECONOMICS
PRINCIPLES OF MACROECONOMICS
MATHS FOR ECONOMICS AND BUSINESS
FOUNDATION OF FINANCE
INTRODUCTION TO MANAGERIAL ACCOUNTING

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:

GAME THEORY
INTERNATIONAL POLITICAL ECONOMY
MONETARY ECONOMICS
ADVANCED MACROECONOMICS
THE CHINESE ECONOMY
INTERNATIONAL TRADE

HUMAN RESOURCE MANAGEMENT BA

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.

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

In Year Two, you will develop a broad understanding of business principles through the study of:

INTRODUCTION TO ORGANISATION AND MANAGEMENT
 INTRODUCTION TO LEADERSHIP
 FUNDAMENTALS OF MARKETING
 INTRODUCTION TO FINANCIAL ACCOUNTING AND ACCOUNTABILITY
 INTRODUCTION TO HUMAN RESOURCE MANAGEMENT
 ECONOMIC PRINCIPLES FOR BUSINESS AND MARKETS
 FOUNDATIONS OF FINANCE
 INTRODUCTION TO INTERNATIONAL BUSINESS AND MANAGEMENT

YEAR THREE

CORPORATE SOCIAL RESPONSIBILITY
 PEOPLE RESOURCING
 LEARNING, TRAINING AND DEVELOPMENT
 PERFORMANCE MANAGEMENT
 MARKET RESEARCH
 QUALITATIVE RESEARCH METHODS IN MANAGEMENT RESEARCH
 BUSINESS AND EMPLOYMENT LAW
 INTERNATIONAL DEVELOPMENT

YEAR FOUR

EMPLOYEE REWARDS
 INTERNATIONAL HUMAN RESOURCE MANAGEMENT
 MANAGING PEOPLE
 FINAL YEAR PROJECT (PHASE I AND II)
 DIVERSITY IN ORGANISATIONS
 ORGANISATIONAL CHANGE AND DEVELOPMENT
 STRATEGIC MANAGEMENT AND BUSINESS POLICY

✓ **ATTENDANCE**
Full time

🎓 **QUALIFICATION**
XJTLU
BMan Human Resource Management

🌐 **2+2 STUDY ABROAD**
Available

University of Liverpool
BA (Hons) Human Resource Management

🕒 **DURATION**
Three or four years

INFORMATION MANAGEMENT AND INFORMATION SYSTEMS BSc

The BSc Information Management and Information Systems programme equips you with skills, knowledge and understanding relevant to the fields of e-finance and e-business. You will learn the core concepts of information technology (IT), financial management and economics and build your understanding of the interconnectedness of the core principles of these disciplines.

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.



ATTENDANCE

Full time



QUALIFICATION

XJTLU
BMan Information Management and Information Systems

University of Liverpool

BSc (Hons) Electronic Commerce Computing
BSc (Hons) Financial Computing

BSc Information Management and Information Systems

2+2 STUDY ABROAD

Available

DURATION

Three or four years

ACCREDITATION

AACSB

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
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
SECURITIES MARKETS
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)

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)

INTERNATIONAL BUSINESS WITH A LANGUAGE BA

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:

- a broad and comprehensive knowledge of international business issues;
- knowledge of functional areas of business and management in an international context;
- communication skills in both English and an additional language (Chinese, Spanish or Japanese).

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). Fewer than 100 business schools worldwide have both AACSB and EQUIS accreditation.



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;

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 knowledge 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 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

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.



ATTENDANCE
Full time



QUALIFICATION
XJTLU
BMan International Business



2+2 STUDY ABROAD
Available

University of Liverpool
BA International Business
BA International Business with
a Language



DURATION
Three or four years



ACCREDITATION
AACSB



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

INTRODUCTION TO ORGANISATION AND MANAGEMENT

MANAGING ACROSS BORDERS

FUNDAMENTALS OF MARKETING

FOUNDATIONS OF FINANCE

ECONOMIC PRINCIPLES FOR BUSINESS AND MARKETS

INTRODUCTION TO HUMAN RESOURCE MANAGEMENT

LANGUAGE OPTION: CHINESE I OR SPANISH I OR JAPANESE I

ENGLISH LANGUAGE AND STUDY SKILLS 3 FOR BUSINESS

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 BA

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.



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.

WHY STUDY MARKETING AT XJTLU?

- 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 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

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.

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 ORGANISATION AND MANAGEMENT
 INTRODUCTION TO FINANCIAL ACCOUNTING AND ACCOUNTABILITY
 QUANTITATIVE METHODS
 FUNDAMENTALS OF MARKETING
 INTRODUCTION TO INTERNATIONAL BUSINESS AND MANAGEMENT
 FOUNDATIONS OF FINANCE
 CONSUMER BEHAVIOURS
 INTRODUCTION TO HUMAN RESOURCE MANAGEMENT

YEAR THREE

RETAIL MARKETING
 CORPORATE SOCIAL RESPONSIBILITY
 THEORY OF THE FIRM

QUALITATIVE RESEARCH METHODS IN MANAGEMENT
 ENTREPRENEURSHIP
 SERVICES MARKETING
 E-MARKETING: STRATEGIES AND TECHNIQUES
 MARKET RESEARCH

YEAR FOUR

COMPULSORY MODULES:
 FINAL YEAR PROJECT (PHASE I AND II)
 INTERNATIONAL MARKETING
 RELATIONSHIP MARKETING
 CRITICAL ISSUES IN MARKETING
 MARKETING STRATEGY

OPTIONAL MODULES:
 PSYCHOLOGICAL APPROACHES TO DECISION-MAKING
 BUSINESS IN THE ASIA-PACIFIC REGION
 CORPORATE COMMUNICATION
 MANAGING PEOPLE
 INTERNATIONAL ECONOMIC RELATIONS
 E-BUSINESS MODELS AND STRATEGIES
 STRATEGIC MANAGEMENT AND BUSINESS POLICY

✓ ATTENDANCE Full time	👤 ACCREDITATION AACSB
🕒 DURATION Three or four years	🎓 QUALIFICATION XJTLU BMan Marketing
🌐 2+2 STUDY ABROAD Available	University of Liverpool BA (Hons) Marketing

SCHOOL OF SCIENCE

The School of Science was established in September 2020 to promote research and teaching across different scientific disciplines. The School offers a wide range of degree programmes, including six undergraduate, three postgraduate as well as PhD programmes, along with international visiting and exchange student programmes.



APPLIED CHEMISTRY BSc

The BSc Applied Chemistry provides you with a broad understanding of applied chemistry, drawing on the Department of Chemistry's emerging research strengths in new materials, clean and renewable energy, pharmaceuticals and healthcare.

The programme will train you to a high professional standard, equipping you to deal with challenges in academia and industry, and in highly competitive and interdisciplinary environments.

Our curriculum offers you the most advanced chemistry topics, ensuring what you learn is at the cutting-edge of the field. The knowledge of and hands-on experience with modern technologies make our graduates stand out in both academic institutions and industry.

The BSc Applied Chemistry is accredited by the Royal Society of Chemistry in the United Kingdom. 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 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 a research career and exposing you to the current research topics of the Department of Chemistry;
- 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

Chemistry graduates pursue a wide range of careers, from working in the chemical and pharmaceutical industries to business management. Graduates can find employment in a number of industries, including chemical (materials and synthesis), drug discovery and healthcare, food, environment and energy, research and development, and government and public service.



ATTENDANCE

Full time



QUALIFICATION

XJTLU
BSc Applied Chemistry



2+2 STUDY ABROAD

Available

University of Liverpool

BSc Applied Chemistry



DURATION

Three or four years



ACCREDITATION

Royal Society of Chemistry

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

INTRODUCTORY ORGANIC CHEMISTRY I
INTRODUCTORY SPECTROSCOPY
INTRODUCTORY INORGANIC CHEMISTRY
INTRODUCTORY ORGANIC CHEMISTRY II
LABORATORY TECHNIQUES
INTRODUCTORY PHYSICAL CHEMISTRY
KEY SKILLS FOR CHEMISTRY

YEAR THREE

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

INORGANIC APPLICATIONS OF GROUP THEORY

INTRODUCTION TO BIOLOGICAL CHEMISTRY

YEAR FOUR

COMPULSORY MODULES:

ADVANCED INORGANIC CHEMISTRY

MODERN APPLICATIONS OF PHYSICAL CHEMISTRY

ADVANCED ORGANIC CHEMISTRY

CHEMICAL DATABASE SKILLS

FINAL YEAR PROJECT

INTRODUCTION TO MEDICINAL CHEMISTRY

INTRODUCTION TO ELECTROCHEMISTRY

INTRODUCTION TO POLYMER CHEMISTRY

OPTIONAL MODULES:

ADVANCED NMR SPECTROSCOPY

INTRODUCTION TO MOLECULAR MODELLING

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.

BIOINFORMATICS BSc

Bioinformatics combines computer science with molecular biology to give you fundamental insights into life processes. The need for bioinformatics has been triggered by huge scientific advances in collecting biological data.

As the key to extracting meaningful information from this data, bioinformatics is essential for an in-depth understanding of human diseases as well as for the identification of new molecular targets and therapeutic molecules for drug discovery.

You will graduate with the knowledge and skills to tackle real-world life science problems from an informatics and computational perspective.

The programme offers three study pathways, allowing you to tailor programme to your strengths and interests. After Year Two, you have three options:

1. Continue to study bioinformatics at XJTLU (with computational content emphasised)
2. Continue to study more traditional molecular bioscience modules at XJTLU (with lab-based courses and biological content emphasised).
3. Study traditional molecular bioscience modules at the University of Liverpool in the United Kingdom (with lab-based courses and biological content emphasised).

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 ochanse 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.



ATTENDANCE

Full time



QUALIFICATION

XJTLU
BSc Bioinformatics



2+2 STUDY ABROAD

Available

University of Liverpool

BSc Bioinformatics



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

INTRODUCTION TO BIOCHEMISTRY
CELL STRUCTURE AND FUNCTION
INTRODUCTION TO EVOLUTION AND GENETICS
INTRODUCTION TO PROGRAMMING IN JAVA 5
CHEMICAL PRINCIPLES OF LIFE
ALGORITHMIC FOUNDATIONS AND PROBLEM SOLVING
MOLECULAR BIOLOGY PRINCIPLES
BIOCHEMICAL METHODS AND ANALYSIS
ORGANIC CHEMISTRY FOR BIOLOGISTS
INTRODUCTION TO DATABASES

YEAR THREE

BIOSTATISTICS I
BIOINFORMATICS I
MOLECULAR AND CELL BIOLOGY TECHNIQUES
DATABASE DEVELOPMENT AND DESIGN
BIOINFORMATICS II
ADVANCED GENETICS
ARTIFICIAL INTELLIGENCE
METHODS FOR ANALYSING PUBLIC HEALTH V:BIOSTATISTICS II

YEAR FOUR

COMPULSORY MODULES:

BIG DATA ANALYTICS
FINAL YEAR PROJECT (PHASE I)
FINAL YEAR PROJECT (PHASE II)
HIGH-THROUGHPUT BIOLOGICAL DATA ANALYSIS
BIOTECHNOLOGY
PROTEIN STRUCTURE AND FUNCTION

OPTIONAL MODULES:

GENE EXPRESSION AND GENOME ANALYSIS
MOLECULAR IMMUNOLOGY
BIO-COMPUTATION
MACHINE LEARNING

BIOLOGICAL SCIENCES BSc

Biology is one of the most exciting scientific disciplines of the 21st century. The insights it provides into life processes, together with recent advances in genomics, diagnostics and therapeutic drug development, are having a major impact on humanity.

The BSc Biological Sciences programme provides you with a comprehensive introduction to the biosciences, equipping you with knowledge and skills in a range of areas, from bioinformatics and biotechnology, to cell signalling, genomics, and structural biology.

This programme is one of the first in the world to be awarded international accreditation by the Royal Society of Biology.



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.

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.

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.

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. In addition, students who enroll for the BSc Biological Sciences programme will study two subject-specific modules (Introductory Biology, and Key Skills for Biologists) and select additional elective modules.

YEAR TWO

BIODIVERSITY OF ANIMALS, PLANTS AND MICROBES

MOLECULAR AND CELL BIOLOGY

CHEMICAL PRINCIPLES OF LIFE

INTRODUCTION TO BIOCHEMISTRY

INTRODUCTORY ORGANIC CHEMISTRY FOR NONCHEMISTS

EXPERIMENTAL DESIGN AND ANALYSIS

THE BIOLOGY OF MICROBES

INTRODUCTION TO EVOLUTION AND GENETICS

MOLECULAR BIOLOGY TECHNIQUES

INTRODUCTION TO STATISTICS



ATTENDANCE

Full time



2+2 STUDY ABROAD

Available



DURATION

Three or four years



ACCREDITATION

Royal Society of Biology



QUALIFICATION

XJTLU
BSc Biological Sciences

University of Liverpool

BSc Biochemistry
BSc Genetics
BSc Microbiology
BSc Molecular Biology and Biotechnology

YEAR THREE

COMPULSORY MODULES:

GENOME EXPRESSION AND MAINTENANCE

PATHOGENIC MICROBIOLOGY

CELL BIOLOGY TECHNIQUES

PROTEINS IN ACTION

FUNDAMENTALS OF VIROLOGY

BIOCHEMICAL METHODS

ADVANCED GENETICS

PRACTICAL BIOINFORMATICS

CELL SIGNALING

BIOTECHNOLOGY

STRUCTURE AND DYNAMICS OF BIOMOLECULES

OPTIONAL MODULES:

HIGHER ORGANIC CHEMISTRY

INTRODUCTION TO BIOLOGICAL CHEMISTRY

YEAR FOUR

COMPULSORY MODULES:

BIOLOGY OF DISEASE

FINAL YEAR PROJECT (PHASE I)

GENE EXPRESSION AND GENOME ANALYSIS

MOLECULAR IMMUNOLOGY

BIOCHEMICAL MESSENGERS

FINAL YEAR PROJECT (PHASE II)

PROTEIN STRUCTURE AND FUNCTION

OPTIONAL MODULES:

BIOTECHNOLOGY

HIGH THROUGHPUT APPROACHES AND SYSTEMS BIOLOGY

ENVIRONMENTAL SCIENCE BSc

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.



ATTENDANCE

Full time



DURATION

Three or four years



2+2 STUDY ABROAD

Available



QUALIFICATION

XJTLU
BSc Environmental Science

University of Liverpool
BSc Environmental 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

BIODIVERSITY OF ANIMALS, PLANTS & 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

SCHOOL OF MATHEMATICS AND PHYSICS

The School of Mathematics and Physics is home to more than 90 staff members, over 2,500 undergraduate students, more than 200 master's students and more than 50 PhD students. The School equips students with a strong academic foundation as well as analytical skills, communication skills, programming skills, teamwork skills and practical problem-solving skills. The academic staff are involved in cutting-edge research in different aspects of mathematics and physics, publish hundreds of research articles annually, have received governmental or collaboration projects, and train excellent research students.



ACTUARIAL SCIENCE BSc

Actuaries possess unique mathematical, analytical, communication and management skills for many high-level strategic decisions with a significant impact on legislation, businesses and peoples' lives. They are active not only in insurance, but also in finance and investment.

The BSc Actuarial Science will pave you a way to an actuary, whose daily routine includes: investigating financial accounts, analysing risks, designing actuarial models, and cooperating with other professions. This programme covers a series of modules of Core Principles from the Institute and Faculty of Actuaries (IFoA) UK, and has acquired several exemptions from various international actuarial societies, e.g, SoA, IFoA (CS1, CM1 & CM2).

On completion, you will be a multi-faceted and highly employable graduate. With the skills acquired, you will be highly valued in the insurance industry, as well as many other fields that call for an advanced mathematics degree and problem-solving ability.



ATTENDANCE

Full time



QUALIFICATION

XJTLU

BEcon Actuarial Science



2+2 STUDY ABROAD

Available

University of Liverpool

BSc Actuarial Science

BSc Actuarial Mathematics

BSc Mathematics with

Finance



DURATION

Three or four years

WHAT YOU WILL LEARN

The skills you gain on the Actuarial Science undergraduate course will kickstart your actuarial career. These skills include:

- Critical thinking and analysis
- Problem solving
- Numeracy and data analysis
- Mathematical reasoning
- Communication, presentation and reporting to specialist and non-specialist audiences

WHY STUDY ACTUARIAL SCIENCE AT XJTLU?

- The actuarial profession is both challenging and hugely rewarding. Financially and statistically trained actuaries are highly in-demand in the insurance industry as well as in a wide range of other profit and non-profit sectors;
- The BSc Actuarial Science is accredited by various actuarial societies, including the Institute and Faculty of Actuaries (IFoA), UK as well as the VEE and UCAP from the Society of Actuaries (SOA), North America;
- Access to a variety of resources from academic and professional platforms, including Intelligent Computing and Financial Technology Laboratory (ICFT), Research Institute of FinTech (RIFT) and University Library for Statistics and Actuarial Science;
- Powerful support of professional advice and up-to-date actuarial development from our professional team with members affiliated to IFoA, SoA, CAS and ACCA and other actuarial societies;
- Earn two BSc titles: 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.

INTRODUCTION TO FINANCIAL MATHEMATICS

LIFE INSURANCE MATHEMATICS II

MATHEMATICAL RISK THEORY

OPTIONAL MODULES:

ECONOMETRICS I

FINANCIAL REPORTING I

SECURITY MARKETS

MACROECONOMICS II

YEAR TWO

COMPULSORY MODULES:

INTRODUCTION TO FINANCIAL ACCOUNTING

PRINCIPLES OF MICROECONOMICS

INTRODUCTION TO PROBABILITY AND STATISTICS

THEORY OF INTEREST

FOUNDATIONS OF FINANCIAL COMPUTING

PRINCIPLES OF MACROECONOMICS

INTRODUCTION TO FINANCE

OPTIONAL MODULES:

ADVANCED LINEAR ALGEBRA

ANALYSIS I

YEAR THREE

COMPULSORY MODULES:

LIFE INSURANCE MATHEMATICS I

INTRODUCTION TO STATISTICAL METHODS

STATISTICAL DISTRIBUTION THEORY

YEAR FOUR

COMPULSORY MODULES:

STOCHASTIC MODELING IN INSURANCE AND FINANCE

LOSS DISTRIBUTION

LINEAR STATISTICAL MODELS

FINAL YEAR PROJECT

CREDIBILITY THEORY

APPLIED PROBABILITY

OPTIONAL MODULES:

ECONOMETRICS OF TIME SERIES

INTERNATIONAL TRADE

APPLIED MATHEMATICS BSc

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.



ATTENDANCE

Full time



QUALIFICATION

XJTLU

BSc Applied Mathematics



2+2 STUDY ABROAD

Available

University of Liverpool

BSc Applied Mathematics

BSc Mathematics



DURATION

Three or four years

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?

- Learn from expert mathematicians, trained in globally respected universities and engaged in research on a broad range of topics.
- Gain experience in mathematical modelling and observe 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 during Year Three. We have exchange programmes with prestigious partners: Michigan State University (USA), and University of New South Wales (Australia).
- 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, modellers, 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

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YEAR TWO

COMPULSORY MODULES:

INTRODUCTION TO PROGRAMMING IN JAVA

ADVANCED LINEAR ALGEBRA

INTRODUCTION TO PROBABILITY AND STATISTICS

ANALYSIS 1

INTRODUCTION TO THE METHODS OF APPLIED MATHEMATICS

DYNAMIC MODELLING

ANALYSIS 2

INTRODUCTION TO ABSTRACT ALGEBRA

YEAR THREE

COMPULSORY MODULES:

VECTOR FIELDS: THEORY AND APPLICATIONS

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

FINANCIAL MATHEMATICS BSc

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.

✓ **ATTENDANCE**
Full time

🎓 **QUALIFICATION**
XJTLU
BEcon Financial Mathematics

🌐 **2+2 STUDY ABROAD**
Available

University of Liverpool
BA Business Economics
BSc Actuarial Mathematics
BSc Economics
BSc Financial Mathematics

🕒 **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.

STATISTICAL DISTRIBUTION THEORY
FINANCIAL MANAGEMENT
JAVA PROGRAMMING FOR FINANCIAL MATHEMATICS
INTRODUCTION TO OPERATIONAL RESEARCH

OPTIONAL MODULES:

SECURITIES MARKETS
FINANCIAL MODELLING IN EXCEL VBA
NUMERICAL ANALYSIS

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 FOUR

COMPULSORY MODULES:

RISK MANAGEMENT
LINEAR STATISTICAL MODELS

OPTIONAL MODULES:

CORPORATE FINANCE THEORY AND PRACTICE
FINANCIAL ENGINEERING
ECONOMETRICS OF TIME SERIES
APPLIED PROBABILITY
FINANCE AND MARKETS
APPLIED MULTIVARIATE STATISTICS
FINAL YEAR PROJECT PHASE I & II (MS)
FINAL YEAR PROJECT PHASE I & II (IBSS)

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

XJTLU WISDOM LAKE ACADEMY OF PHARMACY

The XJTLU Wisdom Lake Academy of Pharmacy was established on 11 November 2020 as a joint venture between Xi'an Jiaotong-Liverpool University and the Suzhou Industrial Park district of Suzhou. In cooperation with government, industry and society, the Academy aims to incubate an ecosystem of world-class biopharmaceutical innovation and establish a new mainstay of the global biopharmaceutical industry.



APPLIED STATISTICS BSc

As one of the indispensable research tools applied in the area of biomedicine, applied statistics plays a key role in every stage of biomedical research. Following China's National Health Industry Strategy, the biomedical industry is growing at a rapid pace, and applied statistics will be one of the industry's key factors in strengthening that growth.



ATTENDANCE

Full time



QUALIFICATION

XJTLU

BSc Applied Statistics



2+2 STUDY ABROAD

Available

University of Liverpool

BSc (Hons) Mathematics and Statistics



DURATION

Three or four years

CAREERS AND FURTHER STUDY

There is and will continue to be a growing demand for diversely skilled applied statistics professionals from a wide array of companies, hospitals, scientific research institutions, and government agencies. In general, students pursuing a BSc degree in applied statistics (with a concentration in biostatistics) have access to a number of exciting career options:

WHAT YOU WILL LEARN

This four-year program will provide students a strong foundation in mathematics and statistics, as well as acquired knowledge in related subject matters such as biomedical sciences.

Additionally, students will gain proficiency in computer programming and the use of mainstream software programs for conducting data analysis. The training and technical expertise provided will lay a strong foundation for students as they continue their journeys in their chosen fields.

WHY STUDY APPLIED STATISTICS AT XJTLU?

- Applied statistics (biostatistics) professionals play key roles in drug research and development
- Graduates of this programme will have broad-ranging employment prospects and a highly favourable career market due to chronic industry shortages for biostatistics professionals
- The design of the curriculum tightly corresponds to the needs of both society and enterprise by combining advanced theoretical knowledge with applied practical skills
- We have a strong academic team composed of international experts with profound knowledge of applied statistics and life sciences, as well as adjunct staff with solid industry experience
- XJTLU Wisdom Lake Academy of Pharmacy has established strategic cooperative relations with more than 10 well-known enterprises in biomedical fields in China. We are located near SIP BioBay which boasts more than 400 pharmaceutical companies that can provide extensive internship opportunities.

- Pursue advanced degrees in related fields at XJTLU or prestigious universities overseas
- Join a global or local pharmaceutical firm such as Pfizer, Novartis, AstraZeneca, Jiangsu Hengrui Medicine, and Innovent Biologics as a statistical analysis professional
- Join a contract research organisation, such as Covance and IQVIA, or a biomedical company, such as Boston Scientific and Royal Phillips
- Join a hospital or a scientific research institution as a researcher
- Work for a public health institution such as a regulatory agency for food and drugs, a centre for disease control and prevention, a community health care organisation, or an inspection and quarantine agency
- Join a financial institution or an insurance company to provide technical expertise in statistics, data analysis and data forecasting to a wide variety of sectors.

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 PROBABILITY AND STATISTICS
DISCRETE MATHEMATICS AND STATISTICS
INTRODUCTION TO PROGRAMMING IN JAVA
INTRODUCTION TO EVOLUTION AND GENETICS
INTRODUCTION TO THE METHODS OF APPLIED MATHEMATICS
BIostatISTICS AND R PROGRAMMING
MATHEMATICAL MODELING
SURVEY SAMPLING
INTRODUCTION TO PREVENTIVE MEDICINE
ORGANIC CHEMISTRY FOR BIOLOGISTS

YEAR THREE

COMPULSORY MODULES:

INTRODUCTION TO OPERATIONAL RESEARCH
SAS FOR DATA ANALYSES
PHARMACOLOGY
STATISTICS FORECAST AND DECISION MAKING

MEDICINAL CHEMISTRY

APPLIED MULTIVARIATE STATISTICS

ORDINARY DIFFERENTIAL EQUATIONS

EPIDEMIOLOGY

DESIGN OF EXPERIMENTS

BIOPHARMACEUTICS AND PHARMACOKINETICS

OPTIONAL MODULES:

APPLIED TIME SERIES ANALYSIS

APPLIED STOCHASTIC PROCESS

APPLIED REGRESSION ANALYSIS

YEAR FOUR

COMPULSORY MODULES:

FINAL YEAR PROJECT (PHASE I+II)

LINEAR STATISTICAL MODELS

PRACTICAL BIOINFORMATICS I

BIO-MEDICINAL CHEMISTRY

BIOTECHNOLOGICAL PHARMACEUTICS

PHARMACEUTICAL ADMINISTRATION AND REGULATION

OPTIONAL MODULES:

BIO-COMPUTATION

BIG DATA ANALYTICS

MACHINE LEARNING

EVIDENCE-BASED MEDICINE AND META ANALYSES

STATISTICAL METHODS FOR CLINICAL TRIALS

BAYESIAN STATISTICS

COMPUTER AIDED DRUG DESIGN

PHARMACEUTICAL SCIENCES BSc

Humankind continuously seeks better health. For the past 30 years, the global pharmaceutical industry has experienced annual sales growth of 25-30%. China's increase in public health awareness and demand and increased attention from all levels of government have led to substantial growth in the gross output of the country's healthcare industry; medicinal drug production and research and development (R&D) have made rapid progress. As a result, more talents are needed for medicinal drug R&D, production, administration and management. Areas requiring more trained professionals include applied pharmaceuticals, new drug R&D, drug formulation, pharmaceutical analysis, pharmaceutical care and licensed pharmacy. The BSc Pharmaceutical Sciences programme is tailor-made for the pharmaceutical industry, connecting health sciences, chemistry, life sciences and statistics and ensuring the safety and effective use of medicinal drugs. As part of an international first-class research university, the BSc Pharmaceutical Sciences aims to nurture advanced technical and management talents with solid theoretical knowledge, excellent specialised competencies and continuous self-development skills, as well as an international outlook and global competitiveness. All the Academy's programmes aim to improve the overall well-being of humanity through a combination of international resources, promotion of high-profile international collaboration, attraction of talents, the fostering of increased research outcomes and the growth of industrial partnerships.

WHAT YOU WILL LEARN

- Solid knowledge of chemistry, medical sciences, biology and applied statistics related to pharmaceutical sciences;
- Mastery of pharmaceutical sciences fundamentals, including basic theories and lab skills;
- Solid understanding of the application of pharmaceutical sciences in drug research and development (R&D), production, testing, drug administration and certain clinical aspects;
- Capability of working and conducting research in the pharmaceutical industry, including drug R&D, drug production, quality control, and aspects of management, including drug design and preparation, drug formulation, drug quality inspection and standard formulation, drug development management, and clinical use;
- Transferable skills including ability to work independently and as part of a team; time-management skills; and logical, critical, creative and reflective thinking skills.

WHY STUDY PHARMACEUTICAL SCIENCES AT XJTLU?

- The Academy develops talents by providing a solid theoretical knowledge base, excellent professional competencies, continuous self-development skills, a global vision, international competitiveness, and technical and management skills in order to provide scientific, technological and management services for the pharmaceutical industry in China and beyond.
- The Pharmaceutical Sciences programme synergizes government support, enterprise participation, and classroom learning and teaching to actively nurture skilled international talents who can meet industry demands. The programme fosters the cooperation of education, industry and government to continuously improve the curriculum and adjust the direction and content of scientific research. Meanwhile, by taking the advantage of XJTLU's global platform, the programme promotes the internationalisation of learning and teaching, scientific research and industry production.
- XJTLU combines the British higher education system's quality assurance standards with the Chinese system's strong focus on foundational knowledge. This is the cornerstone of XJTLU's success, which guarantees the success of the Pharmaceutical Sciences programme.
- Our curriculum design and training provide graduates with a solid theoretical knowledge base, excellent professional competencies, continuous self-development skills and a wide choice of career paths. Graduates may continue their studies in China or internationally or work in pharmaceutical production, drug synthesis, pharmaceutical preparations, drug analysis, drug research and development, quality control and more.

CAREERS AND FURTHER STUDY

There is and will continue to be a growing demand for diversely skilled applied statistics professionals from a wide array of companies, hospitals, scientific research institutions, and government agencies. In general, students pursuing a BSc degree in applied statistics (with a concentration in biostatistics) have access to a number of exciting career options:

- Pursue advanced degrees in related fields at XJTLU or prestigious universities overseas
- Join a global or local pharmaceutical firm such as Pfizer, Novartis, AstraZeneca, Jiangsu Hengrui Medicine, and Innovent Biologics as a statistical analysis professional
- Join a contract research organisation, such as Covance and IQVIA, or a biomedical company, such as Boston Scientific and Royal Phillips
- Join a hospital or a scientific research institution as a researcher
- Work for a public health institution such as a regulatory agency for food and drugs, a centre for disease control and prevention, a community health care organisation, or an inspection and quarantine agency
- Join a financial institution or an insurance company to provide technical expertise in statistics, data analysis and data forecasting to a wide variety of sectors.



ATTENDANCE

Full time



2+2 STUDY ABROAD

Available



DURATION

Three or four years



QUALIFICATION XJTLU

BSc Pharmaceutical Sciences

University of Liverpool

BSc (Hons) Pharmaceutical Sciences

MODULES

YEAR ONE

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YEAR TWO

BIostatistics and R Programming

Mathematical Modeling

Survey Sampling

Introduction to Preventive Medicine

Organic Chemistry for Biologists

Introduction to Evolution and Genetics

Introduction to Programming in Java

Discrete Mathematics and Statistics

Introduction to the Methods of Applied Mathematics

Introduction to Probability and Statistics

YEAR THREE

SAS for Data Analysis

Pharmacology

Statistics Forecast and Decision Making

Medicinal Chemistry

Epidemiology

Design of Experiments

Biopharmaceutics and Pharmacokinetics

Introduction to Operational Research

Ordinary Differential Equations and Control

Applied Multivariate Statistics

YEAR FOUR

Final Year Project

Bio-Medicinal Chemistry

Biotechnological Pharmaceuticals

Pharmaceutical Administration and Regulations

Practical Bioinformatics

Linear Statistical Models

BIOPHARMACEUTICALS

BEng

With advancements in pharmaceuticals rapidly expanding worldwide, the pharmaceutical industry has grown at an unprecedented rate. Demand for pharmaceutical talents, especially those who master advanced technology and applied professionals, is growing rapidly. The BEng Biopharmaceuticals programme aims to cultivate professional talents with the following qualities: high-level knowledge and skills in biopharmaceuticals; passion for life sciences; solid knowledge of basic biology, pharmacy and chemistry; mastery of basic theory as well as specialised understanding and basic skills in areas including medicine, pharmaceutical chemistry, biopharmaceuticals, biological pharmacy, molecular biology, and pharmaceutical management; good command of the English language (especially text writing and literature retrieval) and computer skills; ability to conduct biological, chemical and pharmaceutical experiments; ability to engage in investment and financing or management of pharmaceutical or biopharmaceutical-related industry analysis, product development and services in international biopharmaceutical enterprises in China or internationally; solid mathematical and specialised academic knowledge and skills that will provide a strong foundation for further study; an innovative and cooperative outlook; practical abilities; and a motivation for social responsibility.

The BEng Biopharmaceuticals programme is deeply integrated with biomedical engineering, chemistry and biology (biochemistry, molecular and cellular engineering and synthetic biology), regenerative medicine and other disciplines. The XJTLU Wisdom Lake Academy of Pharmacy has recruited high-level international academics in related disciplines. Students will have the opportunity to communicate and learn with academic staff from a variety of disciplines, laying a broad foundation for exploring the wider world after graduation.

WHAT YOU WILL LEARN

- solid basic knowledge of biology, pharmacy and chemistry, as well as an understanding of the latest developments and trends in biopharmaceuticals;
- proficiency in fundamental theories; relevant professional knowledge and basic skills in medicine, pharmaceutical chemistry, biopharmaceuticals, and molecular biology; and biopharmaceutical and pharmaceutical administration;
- a solid mathematical and biopharmaceuticals foundation for further study;
- basic knowledge and understanding of the methods of applying modern biotechnology to research and development of biopharmaceuticals;
- capability to use theoretical knowledge and technology to study and solve problems related to biopharmaceutical development;
- understanding of the limitations and complexity of biopharmaceutical applications, with the ability to analyse and optimise experimental methods; and ability to design, execute and analyse test results; process data; and draw scientific conclusions.

WHY STUDY BIOPHARMACEUTICALS AT XJTLU?

- **Unique teaching methodology**
XJTLU emphasises the development of students' independent and research-led learning abilities. The University's unique teaching methods integrate the best of three higher education systems: the Chinese system's focus on a concrete foundation, the British system's rigorous quality assurance methods, and the American system's flexibility and focus on innovation. In addition, the cluster of biopharmaceutical enterprises in Suzhou Industrial Park provide an advantage, enabling the Academy to hire professionals from nearby pharmaceutical companies to participate in teaching and learning design, ensuring the integration of teaching and practice.
- **Seamless integration of education and industry**
The Academy of Pharmacy strives to continuously improve the quality of its teaching and talent training. Entrepreneurs and professionals from pharmaceutical companies are employed to contribute to curriculum design and students' education, which includes not only academic teaching and experiments, but also opportunities for practical application and team collaboration.
- **Internship and training opportunities at the forefront of development**
The Academy has established strategic relations with well-known Chinese biomedical companies, providing students with opportunities to experience front-line production research first-hand.
- **Internship and training opportunities at the forefront of development**
The Academy has established strategic relations with well-known Chinese biomedical companies, providing students with opportunities to experience front-line production research first-hand.
- **Industry standard equipment covering all stages of biopharmaceutical research and development**
To prepare undergraduate talents for a future in modern pharmaceutical R&D and production, the laboratory and other equipment meets international and industrial standards, covering biopharmaceutical R&D through drug discovery, drug modification, drug expression, drug purification, and drug efficacy evaluation in different stages. The cutting-edge facilities and tools will expand students' horizons along with their basic knowledge, and enhance their abilities to participate in leading biopharmaceutical development R&D.

CAREERS AND FURTHER STUDY

Students pursuing a BEng Biopharmaceuticals degree will have access to a number of exciting career options:

- continue studies at a prestigious university in China or internationally;
- engage in resource development, product development, drug quality control, drug production technology management, validation or other work related to biological drugs;

- participate in biopharmaceutical research and development (R&D), production, or operation and management in entities including biopharmaceutical production and management enterprises, biopharmaceutical research and development units, drug control institutes and drug administration departments, bioengineering companies, or other workplaces related to biopharmaceuticals;
- join a hospital or scientific research institute engaged in research; and work in biopharmaceutical sales and education or other careers in public health such as food and drug administration, disease control, or community health.

✓ ATTENDANCE Full time	🕒 DURATION Three or four years
🌐 2+2 STUDY ABROAD Not available	🎓 QUALIFICATION XJTLU BEng Biopharmaceuticals University of Liverpool BEng (Hons) Biopharmaceuticals

MODULES

YEAR ONE

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YEAR TWO

ENGLISH LANGUAGE AND STUDY SKILLS II FOR SCIENCES
INTRODUCTION TO PROBABILITY AND STATISTICS
CHEMISTRY FOR PHARMACISTS
KEY SKILLS FOR PHARMACEUTICAL SCIENCE
INTRODUCTION TO PHYSIOLOGY AND PHARMACOLOGY
CELLULAR AND MOLECULAR BIOLOGY
ENGLISH LANGUAGE AND STUDY SKILLS II FOR SCIENCES
GENOME EXPRESSION AND MAINTENANCE
KEY SKILLS FOR PHARMACEUTICAL SCIENCE
INTRODUCTION TO BIOLOGICAL CHEMISTRY
MOLECULAR BIOLOGY PRINCIPLES
THE BIOLOGY OF MICROBES
INTRODUCTION TO PHYSICAL CHEMISTRY

YEAR THREE

PHARMACOLOGY
PRINCIPLES OF CHEMICAL ENGINEERING
PHARMACEUTICS
PHARMACEUTICAL SEPARATION AND FERMENTATION ENGINEERING
BIOPHARMACEUTICS AND BIOPHARMACEUTICAL TECHNOLOGY
PHARMACEUTICAL ANALYSIS
BIOTECHNOLOGICAL PHARMACEUTICS
MOLECULAR BIOLOGY TECHNIQUES
INTRODUCTION TO MEDICINAL CHEMISTRY

YEAR FOUR

FINAL YEAR PROJECT (PHASE I)
MOLECULAR IMMUNOLOGY
BIOPHARMACEUTICAL ENGINEERING
PHARMACEUTICAL EQUIPMENT AND ENGINEERING DESIGN
AUTOMATION SOLUTIONS FOR THE PHARMACEUTICAL INDUSTRY
FINAL YEAR PROJECT (PHASE II)
REGULATORY SCIENCE AND PROJECT MANAGEMENT
PRINCIPLES OF GXP
COMPUTER AIDED DRUG DESIGN

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-  STUDENT ACCOMMODATION

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