

XJTLU

UNDERGRADUATE

2019



UK DEGREE IN CHINA



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WELCOME



The 21st century presents young people around the world with major challenges to overcome. Not only is the world changing at an incredible speed, but it is becoming a much smaller place.

As the future entrepreneurs, scientists, engineers, marketers, and executives of this increasingly globalised environment, you must develop skills which equip you well for the incredibly dynamic and turbulent times in which we live.

XJTLU's vision is to establish a truly international campus here in Suzhou with a mix of Chinese and international students studying at both undergraduate and postgraduate levels.

XJTLU is perfectly placed to give you the opportunity to explore China in the 21st century.

We hope that XJTLU can help you develop into a truly global citizen with the skills, knowledge, abilities, temperament and tenacity to succeed in today's highly competitive and fast-changing world.

We sincerely look forward to welcoming you to Xi'an Jiaotong-Liverpool University.

PROFESSOR YOUMIN XI
EXECUTIVE PRESIDENT
XI'AN JIAOTONG-LIVERPOOL UNIVERSITY

XI'AN JIAOTONG-LIVERPOOL UNIVERSITY

XJTU IS A PIONEERING, INTERNATIONAL JOINT VENTURE UNIVERSITY LOCATED IN THE CITY OF SUZHOU. THE UNIVERSITY IS PROUD OF ITS FOCUS ON RESEARCH-LED LEARNING INHERITED FROM ITS TWO PARENT INSTITUTIONS: THE UNIVERSITY OF LIVERPOOL, UK, AND XI'AN JIAOTONG UNIVERSITY, CHINA.

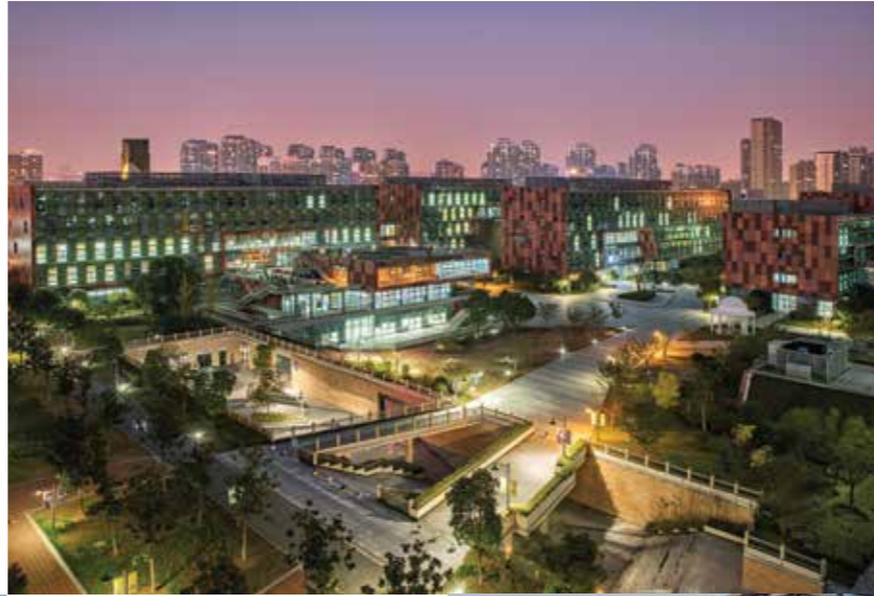


XJTLU AT A GLANCE



UK DEGREE FROM THE UNIVERSITY OF LIVERPOOL

Students earn two degrees: The XJTLU degree from the Chinese Ministry of Education and the globally recognised degree from the University of Liverpool.



AN EXCITING RANGE OF UNDERGRADUATE PROGRAMMES

Study sciences, technology, engineering, mathematics, architecture, design and planning, language and culture, media and communications, business, finance or economics.



ENGLISH-TAUGHT

All programmes are taught 100 percent in English.



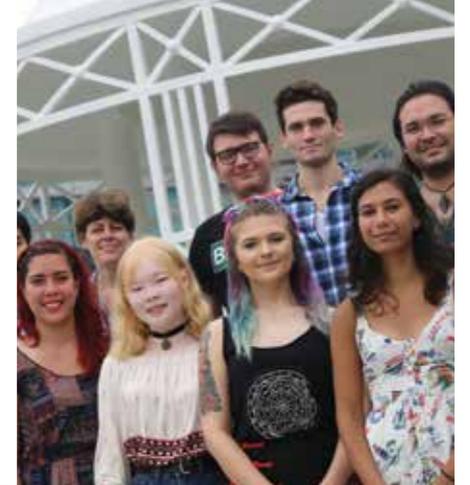
WORLD-CLASS CAMPUS

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



GROWING GLOBAL COMMUNITY

Over 10,000 students and 500 academic staff from 50 countries...and counting!



LEARN CHINESE FOR TOP CAREER PROSPECTS

The opportunity to study Chinese language at all levels. Bilingual China experts are highly sought-after in the global job market.



SINO-BRITISH EXCELLENCE

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



LOCATED IN SUZHOU, CHINA

China's equivalent of Silicon Valley, a hub of global business and innovation just 25 minutes from Shanghai, sits alongside stunning 2,500 year-old UNESCO World Heritage gardens.

EXPERIENCE CHINA

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

CAREER PROSPECTS

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

FRIENDSHIPS AND NETWORKS

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

CULTURAL AWARENESS

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

LANGUAGE SKILLS

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

LIVE IN BEAUTIFUL SUZHOU

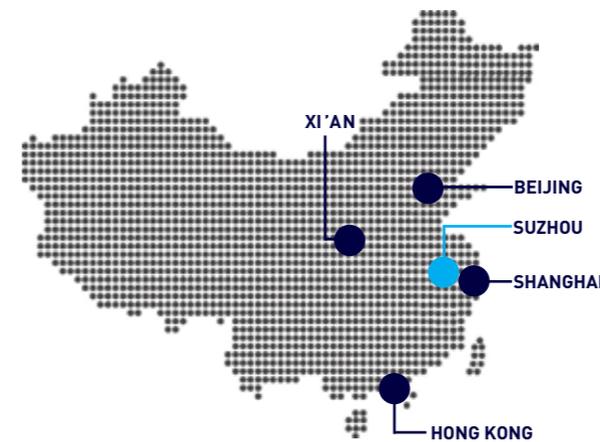
Suzhou is a fascinating mix of the ancient and the hypermodern; Blending together a bustling old town with canals, elegant 2,500 year-old UNESCO World Heritage gardens, new lakeside areas with stunning malls, skyscrapers, shops and restaurants; and one of Asia's leading research and innovation hubs.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

XJTLU CAMPUS

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

SHANGHAI

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



KEY FACTS

LOCATION	JIANGSU PROVINCE, EAST CHINA
POPULATION	11 MILLION
GDP	RMB 1.3 TRILLION (USD 190 BILLION)
TIME ZONE	GMT +8 HOURS
WEATHER	JAN (1-5 C) JULY (28-35 C)
AIRPORTS	SHANGHAI HONGQIAO (58 MILES) SHANGHAI PUDONG (145 MILES) WUXI SUNAN SHUOFANG (37 MILES)



"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

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.

GROWING GLOBAL COMMUNITY

Make friends from around the world; we have hundreds of international students from our population of 12,000 and more than 500 academic staff from 50 countries... and counting!

"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

ACADEMIC QUALITY AND PROFESSIONAL RECOGNITION

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

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



GLOBAL OPPORTUNITIES

We support our students in becoming global citizens through a wide range of study abroad opportunities that help them build the employable 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.

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.



SCAN TO FIND OUT MORE ABOUT
STUDY ABROAD OPPORTUNITIES
[www.xjtlu.edu.cn/en/study-with-us/
why-xjtlu/study-abroad](http://www.xjtlu.edu.cn/en/study-with-us/why-xjtlu/study-abroad)

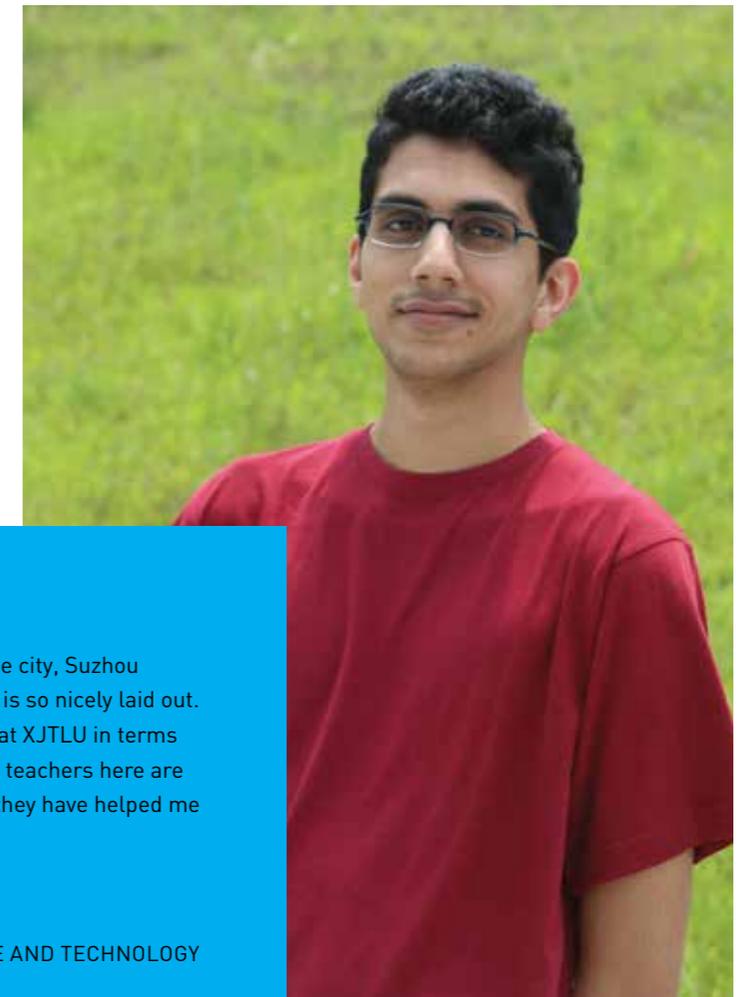
TRANSFER TO THE UNIVERSITY OF LIVERPOOL (2+2 STUDY ROUTE)

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.

MASTERS 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 masters degree at the University's London or Liverpool campuses at a discounted tuition fee.



"I love the organisation of the city, Suzhou Industrial Park in particular is so nicely laid out. I'm happy with the facilities at XJTLU in terms of labs and the international teachers here are approachable and helpful - they have helped me a lot in my studies."

ALI KHAN
STUDENT
BEng ELECTRONIC SCIENCE AND TECHNOLOGY

ACADEMIC STAFF

XJTLU has over 500 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.



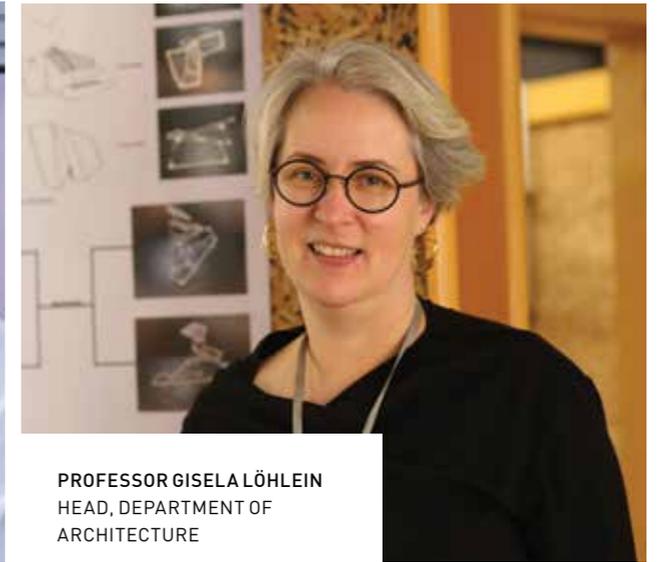
Dr GRAHAM DAWSON
PROGRAMME DIRECTOR
MRes ADVANCED CHEMICAL SCIENCES



Dr WEN LIU
LECTURER, DEPARTMENT OF ELECTRICAL AND ELECTRONIC ENGINEERING



PROFESSOR STUART PERRIN
DEAN, INTERNATIONAL AFFAIRS



PROFESSOR GISELA LÖHLEIN
HEAD, DEPARTMENT OF ARCHITECTURE



Dr NIMESH SALIKE
ASSOCIATE PROFESSOR
INTERNATIONAL BUSINESS SCHOOL SUZHOU



Dr KONSTANTINOS PAPADIKIS
HEAD, DEPARTMENT OF CIVIL ENGINEERING



Dr LAURA SAVA
LECTURER, SCHOOL OF FILM AND TV ARTS

CLUBS AND ACTIVITIES

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

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

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

You'll also have the chance to travel through China's vast and beautiful landscape and experience the depth of its ancient culture.



SCAN TO FIND OUT MORE ABOUT LIFE AT XJTLU

www.xjtlu.edu.cn/en/life-at-xjtlu

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
50M SWIMMING POOL
SPORTS HALL
FITNESS AND WEIGHTS
ROCK CLIMBING WALL
DANCE AND YOGA STUDIOS

FOOD AND SHOPPING

CANTEENS AND COFFEE SHOPS
BARS AND RESTAURANTS
DOWNTOWN SUZHOU



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 sports field and track, and a variety of catering facilities.



XJTLU NORTH CAMPUS



XJTLU SOUTH CAMPUS



XJTLU LIBRARY

THE XJTU SYNTEGRATIVE EDUCATION CAMPUS, TAICANG, IS THE UNIVERSITY'S NEW MODEL FOR A NEXT-GENERATION EDUCATIONAL FACILITY TO PRODUCE GRADUATES WITH DEEP ACADEMIC KNOWLEDGE AND INDUSTRY-SPECIFIC SKILLS AND ABILITIES.

THE INITIATIVE WILL FOCUS ON SEAMLESS COLLABORATION BETWEEN ACADEMIC STAFF, STUDENTS, INDUSTRY, GOVERNMENT, AND THE WIDER COMMUNITY, WITH THE LONG TERM AIM OF FOSTERING THE DEVELOPMENT OF A MODERN, ENTREPRENEURIAL AND SUSTAINABLE SOCIETY.

LOCATED IN THE TAICANG HIGH-TECH DEVELOPMENT ZONE, NORTH-EAST OF SUZHOU, THE PLANNING AND OPERATION OF THE TAICANG CAMPUS WILL BUILD UPON THE EDUCATIONAL PHILOSOPHY OF SYNTEGRATIVE EDUCATION, TO HELP PREPARE FUTURE LEADERS FOR CHALLENGES FROM DISRUPTIVE TECHNOLOGY, RAPID INNOVATION, AND SHIFTING MARKET DEMAND.

NEW TAICANG CAMPUS



ACCOMMODATION

RESERVING ACCOMMODATION

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

DUSHU LAKE SCIENCE AND EDUCATION INNOVATION DISTRICT

The accommodation facilities are located within the Science and Education Innovation District near to campus and are owned by the education town.

COST OF LIVING

Accommodation expenses (excluding utilities and internet access) for international students range from RMB 15,500 to 31,000 (approximately USD 2,400 to 3,600) per year, depending on the type of accommodation you choose.



ESTIMATED COSTS	RMB	USD
ONE MONTH ELECTRICITY	100-200	15-30
ONE MONTH WATER	50	7.5
ONE MONTH MOBILE PHONE BILLS	100	15
ONE-WAY BUS TICKET IN SUZHOU	1-2	0.15-0.3
ONE-WAY SUBWAY TICKET IN SUZHOU	2	0.3
TRAIN TICKET TO SHANGHAI	30	4.5
BUS TO PUDONG AIRPORT (SHANGHAI)	88	13.5
TAXI TO PUDONG AIRPORT (SHANGHAI)	350	52.5
TAXI IN SUZHOU (OLD TOWN/NEW TOWN)	11-50	1.6-7.5
BOTTLE OF WATER	2	0.3
CAFETERIA LUNCH	15	2.3
BOTTLE OF BEER (LOCAL)	3	0.5
CUP OF COFFEE	10-30	0.6-4.5
FAST FOOD MEAL	25	4
CINEMA TICKET	20-100	3-16
SWIMMING POOL ACCESS	10-15	1.5-2.3
NIGHT OUT (CLUB/BAR)	250-500	37.5-75
HAIRCUT	40-200	6-30



SCAN TO FIND OUT MORE ABOUT ACCOMMODATION NEAR OUR CAMPUS

www.xjtlu.edu.cn/en/life-at-xjtlu/accommodation

INTERNATIONAL 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. See www.xjtlu.edu.cn/en/study-with-us/admissions/visas and www.xjtlu.edu.cn/en/life-at-xjtlu/accommodation for more information.

AIRPORT MEET-AND-GREET

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

INDUCTION

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

ENGLISH LANGUAGE SUPPORT

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

CHINESE CLASSES

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

CAREER SERVICES

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

ALUMNI

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

SCAN TO FIND OUT MORE
ABOUT STUDENT SUPPORT

www.xjtlu.edu.cn/en/study-with-us/why-xjtlu/support-and-advice



"Life at XJTLU is truly amazing. 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. Life has never been this good."

SUHAILA SULEIMAN
STUDENT
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

CAREERS AND EMPLOYABILITY

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

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

CHINESE COMPANIES

Sina
Lenovo
State Grid
Huawei
ZTE
China Telecom
China Mobile
PetroChina
Baidu
Alibaba
Jingdong
China Overseas Real Estate
Shanghai Electric Power Design Institute
Tongcheng.com
SAIC
China Resources Vanguard
Soochow University

INTERNATIONAL COMPANIES

Microsoft
Google
Apple
Intel
Amazon
Ford
JP Morgan Chase
IBM
Shell
Henkel
Singapore Grid
Swiss Bank
Royal Bank of Scotland
Citibank
Maple Leaf Bank of Canada
Bosch Automotive
Accenture
Grundfos Pumps
Lou's Electronics
Caterpillar
Rogers Technology
Secker Medical Devices
Chaowei Semiconductor
Honeywell
Procter & Gamble
L'Oréal

FINANCIAL SECTOR

HSBC
Standard Chartered Bank
Sumitomo Mitsui Banking Corporation
Lloyd Bank Group
CITIC Securities
CITIC Trust
Everbright Securities
Pacific Insurance
China Gold
China Ping An
CDB
China Agriculture and Industry
Construction Bank

"BIG 4" CONSULTING COMPANIES

PricewaterhouseCoopers
KPMG
Ernst & Young
Deloitte

ENTREPRENEURSHIP

Among those who start work immediately upon graduation, some students choose to start their own company and develop their own products. Our International Innovation Hub provides funding for student business ideas as well as support for proof-of-concept work, business incubation, and collaboration opportunities.

CAREER CENTRE SYSTEM

Learn about internships, job postings, career activities, student entrepreneurship programmes, external mentor projects and more through our Career Centre System.

EXTERNAL MENTOR PROGRAMME

Through our external mentor programme we invite experienced professionals from various companies to act as mentors to provide guidance on the various skills that are necessary for students' future career development.

FURTHER STUDY AROUND THE WORLD

Of the first six cohorts of undergraduates, over 80 percent continued further studies (masters and PhD) abroad, with 10 to 15 percent entering world top 10 universities and more than 50 percent receiving offers from universities ranking in the world top 100.



"At XJTLU in addition to gaining skills and knowledge, you discover who you are – a questioner, a problem solver, a dreamer, and a free spirit. Having graduated, I am now working at an architecture practice in Shanghai and I will soon undertake my masters at Bartlett (UCL) in London."

LIJIA BAO
ALUMNA
BEng ARCHITECTURE

GRADUATE STUDY DESTINATIONS

Many of our graduates decide to continue onto further studies (masters) with over 20% being accepted by top-ranked global universities. This list shows some of the universities where XJTLU graduates have gone.

AUSTRALIA

The Australian National University
The University of Melbourne
The University of New South Wales (UNSW Sydney)
The University of Queensland
The University of Sydney
Monash University

CANADA

University of Toronto
University of British Columbia

HONG KONG

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)

SOUTH KOREA

Seoul National University

SWITZERLAND

ETH Zurich - Swiss Federal Institute of Technology
Ecole Polytechnique Fédérale de Lausanne (EPFL)

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)
University of Bristol
The University of Warwick
University of Glasgow
Durham University

UNITED STATES

Stanford University
Harvard University
University of Chicago
Cornell University
Yale University
Johns Hopkins University
Columbia University
University of Pennsylvania
University of California, Berkeley (UCB)
Northwestern University



ADMISSION TO XJTU



YEAR ONE

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

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

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

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

ENGLISH FOR ACADEMIC PURPOSES

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

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



MATHEMATICS AND PHYSICS

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

Special lectures on mathematics are held regularly, giving you the opportunity to widen your knowledge, while purpose-designed teaching models, and a personal tutorial system, are used for students with different needs and requirements. Additionally, a variety of channels exist to increase your interest in mathematics and physics, including student societies such as the Mathematics and Science clubs.



"I originally planned to study in the UK, but I thought that studying in China would provide more job opportunities, that it would be good to experience the market in China first-hand and also learn Chinese. XJTLU is a great place and you can get degrees from both Liverpool and XJTLU. There's a real international atmosphere, making it easy to make friends from different countries. The scholarship opportunity made the decision to join XJTLU an easy one."

MARIA CHRISTOFORIDOU
ALUMNA
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
STUDENT
BSC FINANCIAL MATHEMATICS



SCHOLARSHIPS

ENTRY SCHOLARSHIP

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

GOVERNMENT SCHOLARSHIPS

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

HIGHER EDUCATION TOWN SCHOLARSHIP

The Suzhou Higher Education Town offers generous academic merit scholarships to all students studying degree programmes and short courses.

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 2019, 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.

SCAN TO FIND OUT MORE
ABOUT OUR SCHOLARSHIPS

www.xjtlu.edu.cn/en/study-with-us/admissions/scholarships



HOW TO APPLY

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. Such as:

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

HONG KONG, MACAO AND TAIWAN

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

- A minimum grade of 400 on the Joint Entrance Examination to Chinese Universities for Overseas Chinese Students and Students from Hong Kong, Macao and Taiwan, or
- General Scholastic Ability Test (GSAT) ranking of at least top 50 percent for Taiwanese students.

Taiwanese students applying to XJTLU through the GSAT cannot apply to other universities in China at the same time as per Chinese government regulations.

ENGLISH LANGUAGE REQUIREMENTS

YEAR ONE ENTRY	IELTS 5.0 TOEFL iBT 62
YEAR TWO ENTRY	IELTS 6.5 TOEFL iBT 90

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

TUITION FEES PER YEAR

INTERNATIONAL STUDENTS	RMB 88,000 (approx. USD 13,200)
HONG KONG, MACAO AND TAIWAN STUDENTS	RMB 88,000 (approx. USD 13,200)

THE CLOSING DATE FOR SEPTEMBER 2019 ENTRY IS 30 JUNE 2019

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)
- Photocopy of your passport or ID
- Portfolio (required for BEng Architecture & BA Filmmaking)

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 2019 will automatically qualify for a RMB 8,000 early bird discount.

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

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

APPLY ONLINE

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

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.

SCAN TO FIND OUT MORE
ABOUT HOW TO APPLY

www.xjtlu.edu.cn/en/study-with-us/admissions/how-to-apply



DEGREE PROGRAMMES

XJTLU currently has more than **30 degree programmes** at undergraduate level 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

ARCHITECTURE

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

■ **BEng ARCHITECTURE** ● P45

BIOLOGICAL SCIENCES

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

■ **BSc BIOINFORMATICS** ● P49
■ **BSc BIOLOGICAL SCIENCES** ● P51

CHEMISTRY

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

■ **BSc APPLIED CHEMISTRY** ● P55

CHINA STUDIES

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

■ **BACHINA STUDIES** P51



SCAN TO VIEW ALL OF OUR DEGREE PROGRAMMES
www.xjtlu.edu.cn/en/find-a-programme/?lev=undergraduate

CIVIL ENGINEERING	China is currently witnessing rapid economic transformation, alongside unprecedented urbanisation and civil engineering students will be able to take full advantage of China's evolution. Graduates are technical professionals with an international outlook that can meet future industrial development requirements.	<ul style="list-style-type: none"> ■ BEng ARCHITECTURAL ENGINEERING ● P63 ■ BEng CIVIL ENGINEERING ● P65
COMPUTER SCIENCE AND SOFTWARE ENGINEERING	The department equips students with a broad knowledge of computer-based systems. Students learn how to use their skills creatively to solve practical problems, as well as learn how cutting-edge computer technology is developed.	<ul style="list-style-type: none"> ■ BEng COMPUTER SCIENCE AND TECHNOLOGY ● P69 ■ BSc INFORMATION AND COMPUTING SCIENCE ● P71
ELECTRICAL AND ELECTRONIC ENGINEERING	Programmes are designed to give students solid training in information technology, both software and hardware. Emphasis is placed on the principles of electrical and electronic engineering as well as on more specialised subject areas.	<ul style="list-style-type: none"> ■ BEng DIGITAL MEDIA TECHNOLOGY P75 ■ BEng ELECTRICAL ENGINEERING ● P77 ■ BEng ELECTRONIC SCIENCE AND TECHNOLOGY ● P79 ■ BEng MECHATRONICS AND ROBOTIC SYSTEMS ● P81 ■ BEng TELECOMMUNICATIONS ENGINEERING ● P83
ENGLISH	The department prepares graduates for careers as English-language professionals in the fields of translation, media and communication, finance and international business, linguistics and language education.	<ul style="list-style-type: none"> ■ BA APPLIED ENGLISH ● P87 ■ BA ENGLISH AND COMMUNICATION STUDIES ● P89 ■ BA ENGLISH AND FINANCE P91 ■ BA ENGLISH AND INTERNATIONAL BUSINESS ● P93
ENVIRONMENTAL SCIENCE	The department aims to provide holistic solutions for big environmental issues in China and elsewhere, such as living with environmental change, biodiversity loss, pollution, land and water management.	<ul style="list-style-type: none"> ■ BSc ENVIRONMENTAL SCIENCE ● P119
INDUSTRIAL DESIGN	The department focusses on user-centred product and systems design for society in response to social, cultural, and technical context. It aims to educate a new generation of industrial and product designers for China's ongoing social, cultural, and economic transformation.	<ul style="list-style-type: none"> ■ BEng INDUSTRIAL DESIGN ● P107

INTERNATIONAL BUSINESS SCHOOL SUZHOU	IBSS aims to prepare Chinese students for international business and international students for doing business in or with China. The School is based on strong principles of internationalism and innovation and its academic staff has an impressive track record of proven business expertise across the subject fields of management, economics and finance.	<ul style="list-style-type: none"> ■ BA ACCOUNTING ● P131 ■ BA BUSINESS ADMINISTRATION ● P133 ■ BSc ECONOMICS ● P135 ■ BSc ECONOMICS AND FINANCE ● P139 ■ BA HUMAN RESOURCE MANAGEMENT ● P141 ■ BSc INFORMATION MANAGEMENT AND INFORMATION SYSTEMS ● P143 ■ BA INTERNATIONAL BUSINESS WITH A LANGUAGE ● P145 ■ BA MARKETING ● P147
INTERNATIONAL RELATIONS	The Department aims to deepen the knowledge of China's growing interactions with the rest of the world and to produce the entrepreneurial and managerial leaders of the future who will bring China to the world and the world to China.	<ul style="list-style-type: none"> ■ BA INTERNATIONAL RELATIONS P149
MATHEMATICAL SCIENCES	The department's academic staff are internationally recognised for their high-quality research in a number of areas of modern mathematics. The mathematical and computational sciences are among the major research strengths of XJTLU.	<ul style="list-style-type: none"> ■ BSc ACTUARIAL SCIENCE ● P111 ■ BSc APPLIED MATHEMATICS ● P113 ■ BSc FINANCIAL MATHEMATICS ● P115
PUBLIC HEALTH	Students gain a strong grounding in the life sciences, social sciences and medical humanities in order to develop a transdisciplinary and holistic understanding of the complex processes that contribute to the health of populations in an increasingly globalised world.	<ul style="list-style-type: none"> ■ BSc PUBLIC HEALTH P121
URBAN PLANNING AND DESIGN	Students studying urban planning and design develop understanding of the processes of spatial change in the built and natural environment and engage the arguments for intervening in these processes. Students develop the knowledge and skills to analyse, critique and ultimately contribute to the sustainability of urban and rural development both in China and around the world.	<ul style="list-style-type: none"> ■ BA URBAN PLANNING AND DESIGN ● P125
XJTLU SCHOOL OF FILM AND TV ARTS	The School aims to provide students with an understanding of theory-informed practice within cinema, broadcast television, the media in its many changing forms, and broader industries including digital media technology and arts, equipping students with an international vision and the language and communication skills to achieve this.	<ul style="list-style-type: none"> ■ BA COMMUNICATION STUDIES ● P97 ■ BA DIGITAL MEDIA ARTS P99 ■ BA FILM AND TELEVISION PRODUCTION P101 ■ BA FILMMAKING P103



SCAN TO VIEW ALL OF OUR DEGREE PROGRAMMES
www.xjtlu.edu.cn/en/find-a-programme/?lev=undergraduate

DEPARTMENT OF ARCHITECTURE

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

As academics and architects we involve ourselves in real debates, challenge common perceptions and evaluate traditions. Our unique location in Suzhou allows in-depth explorations of the dynamics of urban life and designed spaces. Confronted with the city's past and engaged in its present, our students are guided to design the future.



BEng

ARCHITECTURE



BEng ARCHITECTURE

The BEng Architecture programme aims to provide you with a comprehensive foundation in architecture. Through architectural design tasks you will develop an understanding of the importance of human needs and desires in response to the surrounding environment, in order to develop creative and responsible solutions.

ACCREDITATION

The BEng Architecture programme is the first programme of its kind at a Chinese university to receive validation from the Royal Institute of British Architects (RIBA), demonstrating XJTLU's commitment to providing world-class, internationally recognised education to both Chinese and international students.

The Royal Institute commended the Department of Architecture and its staff for "creating a distinctive environment in which students learn from an international and Chinese context with an ambition to produce a new type of graduate, with an emphasis on human-centred architecture, for the emerging global context."



Validated course
in architecture

DISTINCTIVE FEATURES

- RIBA Part 1 Validation
- Excellent career prospects and opportunities for further studies
- Opportunities for exciting work experience and internships



SCAN THE QR CODE
TO VISIT THE
PROGRAMME
WEBSITE

GENERAL ENQUIRIES

international@xjtlu.edu.cn (International, HK, Macao & Taiwan)
admissions@xjtlu.edu.cn (Chinese nationals)

APPLY

www.xjtlu.edu.cn/en/find-a-programme/undergraduate/architecture

- Award-winning international and highly engaged academic staff from more than 15 different countries
- Opportunity to spend Year 3 at Politecnico di Torino in Italy, and receive the same RIBA validated degree as other students in the 4-year programme
- Partially-funded field trips within China and overseas
- Participation in local and international workshops with world-famous architects
- Participation in exhibitions
- Participation in competitions and conferences
- Opportunities to be published in the XJTLU Architecture Yearbook
- World-class facilities including dedicated design studios, a materials library, and fabrication and printing workshops equipped with printers, laser cutters and 3D printers
- Highly engaged technicians able to help with fabrication technologies
- 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

KNOWLEDGE AND SKILLS

On graduating from the BEng Architecture programme, you will have:

- fluency in the productive use of analogue and digital design media
- knowledge of both Chinese and Western cultures in relation to architectural history and theory
- an understanding of processes that form and transform urban space, principles of structure and construction, environmental control, and professional practice
- an ability to generate competitive, creative and critical design proposals
- an ability to apply a range of communication methods and media to present design proposals clearly and effectively
- an understanding of alternative materials, processes and techniques related to architectural design and construction
- an ability to evaluate evidence, arguments and assumptions in order to make and present sound judgments both within architectural design discourse and beyond
- knowledge of the context of the architect and the construction industry, and the professional qualities needed for decision making in complex and unpredictable circumstances
- an ability to identify individual learning needs and understand the personal responsibility required for further professional education

MODULES

YEAR ONE

INTRODUCTION TO ARCHITECTURE AND VISUAL CULTURE
ARCHITECTURAL REPRESENTATION AND COMMUNICATION
ADDITIONAL MODULES REQUIRED BY THE UNIVERSITY

YEAR TWO

DESIGN STUDIO: DESIGN THINKING AND ARTICULATION
DESIGN STUDIO: SMALL SPACE DESIGN
DESIGN STUDIO: SMALL SCALE ARCHITECTURAL DESIGN
HISTORY OF WESTERN ARCHITECTURE
STRUCTURE AND MATERIALS
INTRODUCTION TO ENVIRONMENTAL SCIENCE
CONSTRUCTION AND MATERIALS
HUMANITIES AND CULTURE

YEAR THREE

DESIGN STUDIO: DESIGN AND BUILDING TYPOLOGY
DESIGN STUDIO: SMALL URBAN BUILDINGS
ENVIRONMENTAL DESIGN AND SUSTAINABILITY
HISTORY OF ASIAN ARCHITECTURE
STRUCTURAL DESIGN
URBAN STUDIES

YEAR FOUR

DESIGN STUDIO: SMALL AND MEDIUM SCALE BUILDINGS
DESIGN STUDIO: FINAL YEAR PROJECT
ARCHITECTURAL TECHNOLOGY
ARCHITECTURAL THEORY
PROFESSIONAL PRACTICE
PHILOSOPHY OF ART AND AESTHETICS

CAREERS

Architecture graduates find excellent opportunities for professional employment and for further education both locally and internationally in architecture and its related disciplines, including other creative industries. Most of our graduates continue their studies in international Masters programmes, either directly after or following a year out in practice. Around 20 percent of our graduates have received offers for further studies from universities ranked at the very top in the field, including the Bartlett Faculty at University College London, McGill University, the National University of Singapore, Politecnico di Milano, the University of Pennsylvania, and the University of Sydney. Our graduates have also gone on to work for acclaimed international and Chinese practices such as Arata Isozaki, Arup, David Chipperfield, Farrells, Neri&Hu, and Tong Ming Studio.

DEPARTMENT OF BIOLOGICAL SCIENCES

The department has academic staff recruited from top universities and institutes around the world, thriving undergraduate and graduate programmes and first-rate research facilities.

Biology is one of the most exciting scientific disciplines of the 21st century. The insights it provides into life processes, together with advances in genomics, diagnostics and therapeutic drug development, are having a major impact on humanity. Our department, with its dynamic and international staff, aims to make fundamental discoveries as well as to address some of the most pressing challenges facing society.



WHY CHOOSE THE DEPARTMENT OF BIOLOGICAL SCIENCES AT XJTU?

UNIQUE TEACHING AND LEARNING EXPERIENCE

Our students receive a unique education that offers:

- a well-structured biological sciences programme adopted from the University of Liverpool, along with state-of-the-art tools to develop students' academic potential
- teaching by internationally respected academic staff who are experts in molecular bioscience
- a solid grounding in experimental science, with well-designed laboratory practicals, field work, final year projects and assignments
- excellent preparation for postgraduate programmes in high-calibre western and Chinese universities
- relevance for careers in a wide range of bioindustries such as biotechnology, bioengineering, bioagriculture, biomanufacturing and pharmaceutical companies.

HIGH-CALIBRE STAFF AND FACILITIES

Our fast-growing, diverse body of academic staff have joined us from around the world and are highly research-active, having trained in prestigious universities including the Universities of Cambridge, Oxford, Edinburgh, UCL, California, Harvard, MIT, and Stanford among other high-calibre institutions.

Research interests are in the general area of the molecular biosciences, more specifically covering bioinformatics, cell signalling, disease mechanisms of neurodegenerative disorders, microbiology, molecular pharmacology, protein engineering and structural biology, proteomics, sensory system adaptation, stem cells, systems biology and virology.

We have custom-designed laboratories that are extremely well-equipped for undergraduate students and their research. Over RMB 30 million has been invested in state-of-the-art instrumentation including mass spectrometers, bioanalysers, microscopes and centrifuges.

These facilities allow our researchers to undertake internationally competitive research and train undergraduate students in advanced techniques.

CHINA'S BASE FOR BIOMEDICAL RESEARCH AND DEVELOPMENT

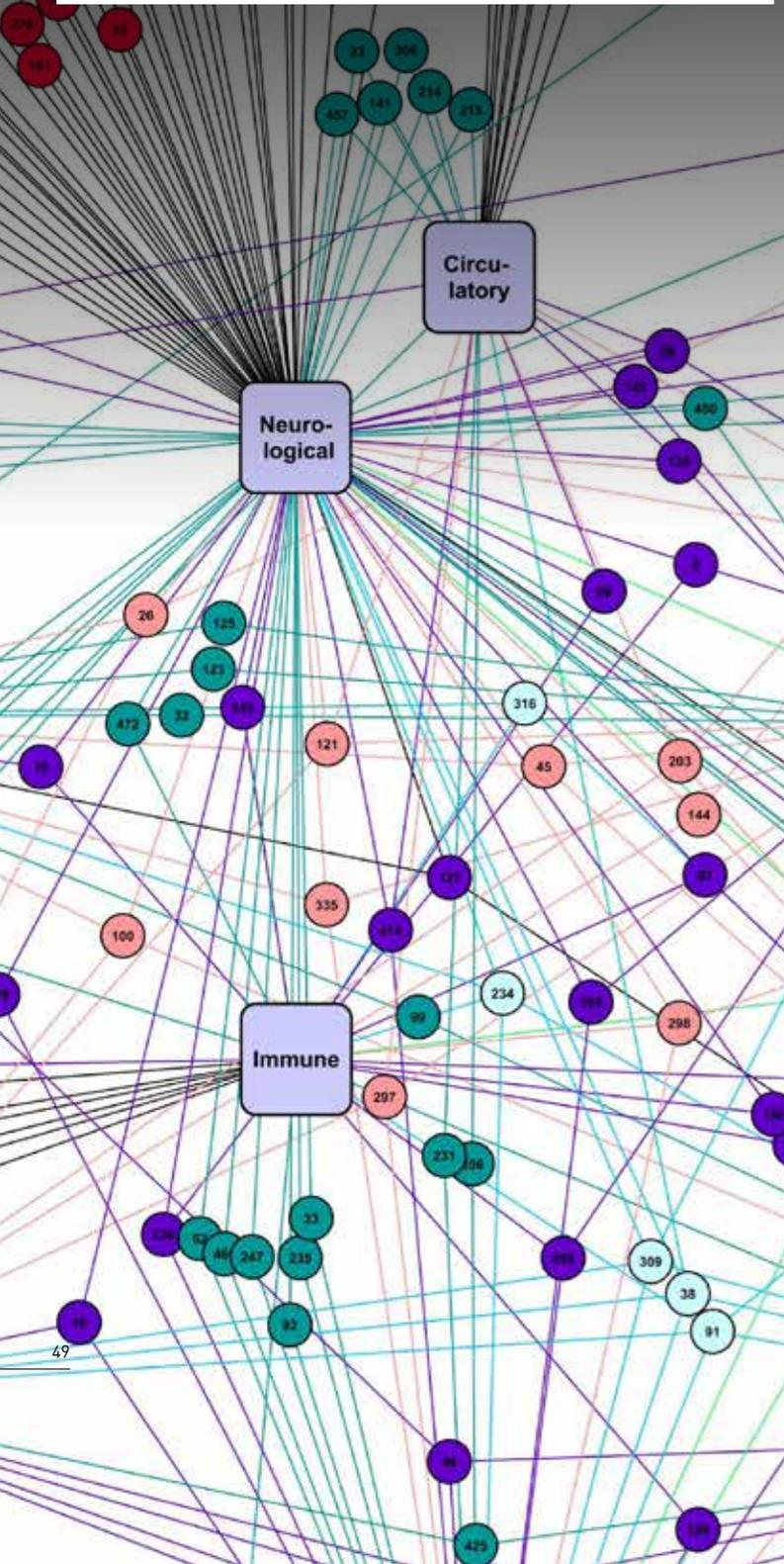
Suzhou Industrial Park is rapidly becoming the base in China for biomedical research and development as it is particularly noted for its investment in the diagnostic and nanotech industries. The BioBay science complex, which houses around 400 biotech companies (en.biobay.com.cn/main/index.asp), draws on a diverse array of international and professional scientific research resources to provide a sophisticated infrastructure for bioscience research and development. This has proven to be valuable in attracting international R&D institutes and renowned scientists to Suzhou.

BioBay is within walking distance of XJTU and is therefore an ideal place for you to do an internship.

SIP is also home to Cold Spring Harbour Asia (www.csh-asia.org) which hosts prestigious scientific symposia, conferences and summer schools in SIP, providing our students with the opportunity to interact with world-famous researchers.

BSc

BIOINFORMATICS



BSc BIOINFORMATICS

Bioinformatics combines computer science with molecular biology to gain fundamental insights into life processes. The need for bioinformatics has been triggered by the huge scientific advances in collecting biological data. As the key to extracting biologically meaningful information, 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.

The BSc Bioinformatics programme will give you a thorough understanding of bioinformatics and will provide you with a comprehensive introduction to genetics, cell biology, applied mathematics, biostatistics and key aspects of computer science. It will equip you with the knowledge and skills to tackle real-world life science problems from an informatic and computational perspective.

KNOWLEDGE AND SKILLS

By the time you graduate from this programme, you will:

- understand major issues and challenges in biomedical sciences
- be able to understand and describe biological systems
- have the skills and understanding to design and conduct experiments and investigations
- appreciate the moral, social, and ethical issues associated with research and development in the biosciences.



SCAN THE QR CODE
TO VISIT THE
PROGRAMME
WEBSITE

GENERAL ENQUIRIES

international@xjtlu.edu.cn (International, HK, Macao & Taiwan)
admissions@xjtlu.edu.cn (Chinese nationals)

APPLY

www.xjtlu.edu.cn/en/find-a-programme/undergraduate/bioinformatics

The programme is divided into two stages to give you choice. All students take the same modules in Years One and Two. At the end of Year Two, you have three options:

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

This unique design enables you to focus on the most suitable field of study based on your strengths and interests.

DISTINCTIVE FEATURES

- XJTLU is located close to many biotechnology companies in nearby BioBay, a national biotechnology hub with over 400 companies that is ideal for internships.
- Highly international, research-active environment with academic staff trained in globally respected universities and institutes across the world.
- Nearby Cold Spring Harbor Asia hosts prestigious scientific symposia, conferences and summer schools providing our students with the opportunity to interact with world-famous researchers.
- Earn two degrees: an XJTLU degree from the Chinese Ministry of Education and a globally recognised degree from the University of Liverpool, a member of the Russell Group of leading UK universities.

MODULES

YEAR ONE

Year One provides you with a range of interesting modules, language classes and core skills for your degree. International students who meet academic and English language requirements may enter directly into Year Two, which is the start of the main academic programme.

YEAR TWO

BIOCHEMISTRY

CELL STRUCTURE AND FUNCTION

EVOLUTION AND GENETICS

PROGRAMMING IN JAVA

CHEMICAL PRINCIPLES OF LIFE

ALGORITHMS

MOLECULAR BIOLOGY

BIOCHEMICAL METHODS AND ANALYSIS

ORGANIC CHEMISTRY

DATABASES

YEAR THREE

BIostatISTICS I

BIostatISTICS II

BIOINFORMATICS I

BIOINFORMATICS II

MOLECULAR AND CELL BIOLOGY TECHNIQUES

DATABASE DEVELOPMENT AND DESIGN

ADVANCED GENETICS

ARTIFICIAL INTELLIGENCE

YEAR FOUR

BIG DATA ANALYTICS

HIGH-THROUGHPUT BIOLOGICAL DATA ANALYSIS

BIO TECHNOLOGY

PROTEIN STRUCTURE AND FUNCTION

GENE EXPRESSION AND GENOME ANALYSIS

MOLECULAR IMMUNOLOGY

BIO-COMPUTATION

FINAL YEAR PROJECT

BSc

BIOLOGICAL

SCIENCES

BSc BIOLOGICAL SCIENCES

Biology is one of the most exciting scientific disciplines of the 21st century. The insights it provides into life processes, together with 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 from bioinformatics and biotechnology, to cell signalling, genomics, and structural biology.

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



KNOWLEDGE AND SKILLS

By the time you graduate from the BSc Biological Sciences programme, you will:

- understand major issues and challenges in biomedical sciences
- be able to understand and describe biological systems
- have the skills and understanding to design and conduct experiments and investigations
- appreciate the moral, social, and ethical issues associated with research and development in the biosciences.



SCAN THE QR CODE
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WEBSITE

GENERAL ENQUIRIES
international@xjtlu.edu.cn (International, HK, Macao & Taiwan)
admissions@xjtlu.edu.cn (Chinese nationals)

APPLY
www.xjtlu.edu.cn/en/find-a-programme/undergraduate/biological-sciences

DISTINCTIVE FEATURES

- Attractively located with many biotechnology companies nearby in BioBay, a national biotechnology hub with over 400 companies, which is ideal for internships
- Highly international, research-active environment with academic staff trained at globally respected universities and institutes across the world
- Nearby Cold Spring Harbor Asia hosts prestigious scientific symposia, conferences and summer schools providing our students with the opportunity 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
- International accreditation by the Royal Society of Biology assures excellence in teaching, curriculum provision and technical skills development as well as the capacity of a programme to enhance graduate employability skills.

CAREERS

Our graduates 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, government and public services. Biology graduates are multi-skilled professionals who are qualified for a wide range of employment prospects. Graduates from our programme also have a sound foundation to pursue masters or PhD study in related fields.

Further study opportunities are available to graduates from our department including:

- biotechnology and nanotechnology
- chemical and pharmaceutical
- basic and applied research institutes
- government and public sectors (health services, quality control, forensic science, and environmental protection).

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

Science 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 (BIO101)

CELL STRUCTURE AND FUNCTION (BIO103)

CHEMICAL PRINCIPLES OF LIFE (BIO105)

INTRODUCTION TO BIOCHEMISTRY (BIO107)

INTRODUCTION TO EVOLUTION AND GENETICS (BIO109)

BIOCHEMICAL METHODS AND ANALYSIS (BIO102)

MOLECULAR BIOLOGY PRINCIPLES (BIO104)

BIOLOGY OF MICROBES (BIO106)

ORGANIC CHEMISTRY FOR BIOLOGISTS (BIO108)

MOLECULAR BIOLOGY TECHNIQUES (BIO113)

INTRODUCTION TO STATISTICS (MTH104)

ENGLISH LANGUAGE STUDY SKILLS III FOR SCIENCE (EAP103).

YEAR THREE

GENOME EXPRESSION AND MAINTENANCE (BIO201)

MICROBIOLOGY AND VIROLOGY (BIO203)

MOLECULAR AND CELL BIOLOGY TECHNIQUES (BIO205)

PROTEINS IN ACTION (BIO207)

HIGHER ORGANIC CHEMISTRY FOR BIOLOGISTS (BIO209)*

ADVANCED BIOCHEMICAL METHODS (BIO202)

ADVANCED GENETICS (BIO204)

PRACTICAL BIOINFORMATICS (BIO206)

CELL SIGNALLING (BIO208)

MICROBIAL BIOTECHNOLOGY (BIO210)

STRUCTURE AND DYNAMICS OF BIOMOLECULES (BIO212)

BASIC STRUCTURE AND FUNCTION OF THE HUMAN BODY (DPH110)*

* OPTIONAL MODULES (CHOOSE BIO209 OR DPH110)

YEAR FOUR

BIOLOGY OF DISEASE (BIO301)

FINAL YEAR PROJECT (BIO303)

GENE EXPRESSION AND GENOME ANALYSIS (BIO305)

MOLECULAR IMMUNOLOGY (BIO309)

BIOCHEMICAL MESSENGERS (BIO302)

BIOTECHNOLOGY (BIO304)

PROTEIN STRUCTURE AND FUNCTION (BIO312).

DEPARTMENT OF CHEMISTRY

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

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

Chemistry plays an important role in pharmacology and drug discovery, nanotechnology, advanced material sciences, space research and environmental protection. A degree in chemistry will boost your employment opportunities within the chemical and pharmaceutical industries and provide excellent prospects in many other fields of industry and academia.



WHY CHOOSE THE DEPARTMENT OF CHEMISTRY AT XJTU?

UNIQUE TEACHING AND LEARNING EXPERIENCE

Our ambition is to be positioned as a leading centre for research and teaching. Our students receive a unique university education that offers:

- a well-structured applied chemistry programme adopted from the University of Liverpool along with state-of-the-art equipment to develop students' academic potential
- academics who are actively engaged in research activities and continuous development of their teaching
- well-designed assignments, laboratory experiments and final year projects.

STATE-OF-THE-ART FACILITIES

Over RMB 30 million has been invested in state-of-the-art equipment including spectrometers, X-Rays, microscopes and synthesisers and other cutting-edge infrastructure. Our students have the opportunity to train in analytical techniques using the most advanced instrumentations used in both industry and international research institutes and industries.

BSc

APPLIED

CHEMISTRY

BSc APPLIED CHEMISTRY

The BSc Applied Chemistry programme provides broad coverage of applied chemistry, drawing on the Department of Chemistry's emerging research strengths in new materials (organic, inorganic, nanoparticles, catalysts), clean and renewable energy, pharmaceuticals and healthcare. The programme will train you to the highest standard, equipping you to deal with challenges in academia and industry in a highly competitive and interdisciplinary environment.

Our continually developing curriculum provides you with the most advanced chemistry topics. The knowledge of and hands-on experience with modern technologies make our graduates highly competitive in both academic institutions and industry.

The programme addresses both classical and modern developments in chemistry. Your final year project will give you a taste of a research career and expose you to the current research topics of the department.

KNOWLEDGE AND SKILLS

By the time you graduate, you will have:

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

DISTINCTIVE FEATURES

BSc Applied Chemistry is tailored to allow you to specialise according to your own



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TO VISIT THE
PROGRAMME
WEBSITE

GENERAL ENQUIRIES

international@xjtlu.edu.cn (International, HK, Macao & Taiwan)
admissions@xjtlu.edu.cn (Chinese nationals)

APPLY

[www.xjtlu.edu.cn/en/find-a-programme/
undergraduate/applied-chemistry](http://www.xjtlu.edu.cn/en/find-a-programme/undergraduate/applied-chemistry)

area of interest. You will gain a broad range of skills that makes our graduates highly sought-after in the job market. A low staff-to-student ratio in the department allows you to participate in a wider range of practical exercises as well as undertake a more ambitious final year project.

Graduates of this programme, as with all XJTLU degrees, 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.

ACCREDITATION

The BSc Applied Chemistry programme has been accredited by the Royal Society of Chemistry in the United Kingdom, one of the world's foremost professional bodies for chemical scientists.

The accreditation means that upon graduation, BSc Applied Chemistry students will have partially gained the academic requirements needed to achieve chartered status and be able to demonstrate internationally recognised standards of competency as chemists.

The Department of Chemistry at XJTLU is the first at an independent Sino-foreign university in China to achieve this accreditation for its undergraduate degree programme.



CAREERS

Chemistry graduates pursue a wide range of careers, from working in the chemical and pharmaceutical industry to business management. In addition to your scientific knowledge, you will also develop excellent quantitative and problem solving skills that will make you attractive to many employers. Employment opportunities for chemistry graduates include:

- Chemical industries (materials and synthesis)
- Drug discovery and healthcare industries (process, materials and quality control)
- Food industries (process, materials and quality control)
- Environmental monitoring (pollution control for air/water systems)
- Energy sector (petroleum industries, energy storage/battery industries)
- Government and public service sectors (health services, quality control, forensic science and environmental protection)
- Basic and applied research in industry and academic 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

ORGANIC CHEMISTRY

INORGANIC CHEMISTRY

PHYSICAL CHEMISTRY

SPECTROSCOPIC TECHNIQUES FOR CHEMISTRY

GENERAL PHYSICS

MATHS SKILLS FOR CHEMISTS

YEAR THREE

INTERMEDIATE ORGANIC CHEMISTRY

INTERMEDIATE INORGANIC CHEMISTRY

INTERMEDIATE PHYSICAL CHEMISTRY

KEY SKILLS IN CHEMISTRY

MEASUREMENTS IN CHEMISTRY

PREPARATIVE CHEMISTRY: SYNTHESIS AND

CHARACTERISATION

INTRODUCTION TO ELECTROCHEMISTRY

INTRODUCTION TO BIOLOGICAL CHEMISTRY.

YEAR FOUR

INTRODUCTION TO POLYMER CHEMISTRY

INTRODUCTION TO MEDICINAL CHEMISTRY

MODERN APPLICATIONS OF PHYSICAL CHEMISTRY

ADVANCED ORGANIC CHEMISTRY

ADVANCED INORGANIC CHEMISTRY

INORGANIC APPLICATIONS OF GROUP THEORY

CHEMICAL DATABASE SKILLS

PRACTICAL CHEMISTRY

SEPARATION SCIENCES

FINAL YEAR PROJECT.

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.

DEPARTMENT OF CHINA STUDIES

The Department of China Studies teaches and researches China's history, society, politics and culture. XJTLU's location in Suzhou creates a live learning laboratory in which to examine both China's ancient history and fast-paced contemporary society. Learning is enhanced by site visits to Chinese cities such as Chengdu and Xi'an.

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



BA

CHINA

STUDIES



BA CHINA STUDIES

Taught in English, the BA China Studies programme provides the opportunity to apply theories from the humanities and social sciences to your understanding and analysis of China, its history and culture, society and politics, business and economics.

You will follow one of two pathways that lead to two different careers. If you are interested in teaching the Chinese language as a career, you will be directed towards the 'Teaching Chinese as an International Language' pathway. If your interest lies in the study and application of the social sciences, including teaching, you will be directed towards the 'Contemporary China Studies' pathway.

Students on both pathways study the same modules in Years One and Two. The modules are different for each pathway in Years Three and Four.

DISTINCTIVE FEATURES

- The best place to learn about China is 'in-country', and Suzhou is one of the most culturally and economically vibrant places in China
- The programme includes opportunities for fieldwork around China
- Taught in English, the programme includes opportunities to learn Chinese and to study a broad range of topics including those related to China's history and culture, society and politics, business and economics



SCAN THE QR CODE TO VISIT THE PROGRAMME WEBSITE

GENERAL ENQUIRIES

international@xjtlu.edu.cn (International, HK, Macao & Taiwan)
admissions@xjtlu.edu.cn (Chinese nationals)

APPLY

www.xjtlu.edu.cn/en/find-a-programme/undergraduate/china-studies

KNOWLEDGE AND SKILLS

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, and development

CAREERS

Graduates have a wide variety of career choices in addition to the opportunity for further graduate study. Typically, students from this programme are employed by companies and organisations looking to link with China in fields such as international business, economics, financial services, government, diplomacy, journalism, education, development and NGO activities.

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
- CHINESE HISTORY
- TWENTIETH CENTURY CHINA
- DOING BUSINESS IN CHINA
- INTRODUCTION TO CLASSICAL CHINESE
- CHINA: SOCIETY AND DEVELOPMENT
- COMMUNICATIONS IN CHINA
- CHINA: GOVERNMENT AND POLITICS
- INTRODUCTION TO CHINESE LITERATURE
- MODERN STANDARD CHINESE OR ENGLISH LANGUAGE

YEAR THREE

- PATHWAY A: TEACHING CHINESE AS AN INTERNATIONAL LANGUAGE
- MODERN AND CONTEMPORARY CHINESE LITERATURE
- INTRODUCTION TO LINGUISTICS
- APPLIED LINGUISTICS
- TEACHING CHINESE AS AN INTERNATIONAL LANGUAGE I
- TEACHING CHINESE AS AN INTERNATIONAL LANGUAGE II
- CLASSICAL CHINESE II
- MODERN STANDARD CHINESE OR ENGLISH LANGUAGE

PATHWAY B: CONTEMPORARY CHINA STUDIES

Choose three from the following:

- INTERNATIONAL CHINA
- CHINA: FAMILY AND SOCIETY
- CHINA: ENTERPRISE AND ENTERPRISE DEVELOPMENT
- CHINESE CINEMA
- CLASSICAL CHINESE II

Choose three from the following:

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

YEAR FOUR

PATHWAY A: TEACHING CHINESE AS AN

- INTERNATIONAL LANGUAGE
- CHINESE THEATRE AND PERFORMANCE
- CHINESE LINGUISTICS
- LANGUAGE AND LITERATURE
- MODERN STANDARD CHINESE OR CHINESE AS A GLOBAL LANGUAGE
- INTRODUCTION TO SECOND LANGUAGE ACQUISITION
- CHINESE WRITING
- FINAL YEAR PROJECT

PATHWAY B: CONTEMPORARY CHINA STUDIES

Choose two from the following:

- LOCAL GOVERNMENT IN CHINA
- WEST CHINA
- CHINA: INTERNATIONAL TRADE
- CHINESE THEATRE AND PERFORMANCE
- CHINESE LINGUISTICS
- MODERN STANDARD CHINESE OR CHINESE AS A GLOBAL LANGUAGE

Choose three from the following:

- CHINA: SOCIAL POLICY
- CHINA: UNDERSTANDING GENDER
- CHINA: THE PUBLIC SECTOR
- PORTRAYAL OF CHINA IN WESTERN MEDIA
- CLASSICAL CHINESE III
- INTRODUCTION TO SECOND LANGUAGE ACQUISITION

Plus:

- FINAL YEAR PROJECT

DEPARTMENT OF CIVIL ENGINEERING

Our department's vision is to become internationally recognised for our commitment to research and to excellence in teaching and learning. We aspire to become a leading research-driven education provider for sustainable development in civil engineering. Since our establishment in 2010, the department has expanded rapidly with a committed team of enthusiastic and collegial staff. We have been actively developing research activities that are primarily devoted to sustainable construction materials and the environment. We have acquired over RMB 6.5 million of research funds as well as gaining significant publication in international journals and conference record proceedings.

China is currently witnessing rapid economic transformation alongside unprecedented urbanisation, so civil engineering students will be able to take full advantage of China's evolution. Our graduates are technical professionals with an international outlook to meet the industrial development requirements of the next century. Academic staff and industry professionals provide students with a well-rounded education and in-depth learning of the multidisciplinary interdependence and complexity involved in civil and architectural engineering from the design phase to construction.



WHY STUDY CIVIL ENGINEERING OR ARCHITECTURAL ENGINEERING AT XJTLU?

- XJTLU's location in China's fast developing Yangtze Basin affords our students the opportunity to observe feats of civil and architectural engineering that are achieved at rates unparalleled outside of China
- Our world-class laboratory facilities are available to students for research purposes and are specifically designed for our core subjects of structures, materials, hydraulics, geotechnics and environments
- Our cutting-edge curriculum provides an excellent blend of academic theory and practical learning activities
- The department hosts the XJTLU student chapter of the Institute of Civil Engineers (ICE) giving our students the opportunity to join and connect with the best civil engineers around the world.

Our Industrial Advisory Board:

- ensures the continuing quality and relevance of the programme in meeting the latest industry needs
- supports our mentoring scheme
- provides students access to unique and informative internship/work placement opportunities in relevant sectors.

BEng

ARCHITECTURAL ENGINEERING

BEng ARCHITECTURAL ENGINEERING

The BEng Architectural Engineering programme is specifically designed to produce architectural engineers with sound knowledge, problem-solving skills, and a comprehensive understanding of the multidisciplinary aspects of building. The principles and precision of civil, structural, and building services engineering as well as the creativity of architecture are combined in this unique programme.

Graduates of this programme, (as with all XJTLU undergraduate programmes,) 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.

ACCREDITATION

BEng (Hons) Accredited CEng (Partial)
This degree is accredited as:

- fully satisfying the educational base for an Incorporated Engineer (IEng).
- partially satisfying the educational base for a Chartered Engineer (CEng). A programme of accredited Further Learning will be required to complete the educational base for CEng.

CAREERS

BEng Architectural Engineering graduates will have a firm grounding in architectural engineering and will be equipped to take up professional employment in the construction industry and consultancy sectors as well as becoming lifelong learners and globally competitive citizens. The programme also provides a sound basis for further graduate study in architecture, civil and structural engineering, construction management and engineering or related fields. Architectural engineers mainly work as structural engineers, project managers, consulting engineers, BIM engineers, cost estimators, building envelope designers, and researchers.

DISTINCTIVE FEATURES

- The programme is accredited by Joint Board of Moderators (JBM), UK which enables you to become a world recognised chartered engineer
- It is intended to bring together the creativity of building design and the precision of engineering analysis to give a well-rounded education

- Explore the form and appearance of buildings, their environmental, social, and economic impact, as well as their analysis, design and construction considering current business and commercial practices
- Prepares students for working with professional judgement and applications in multidisciplinary teams by utilising the variety of professions represented within both the Department of Civil Engineering and the Department of Architecture
- Most of our graduates go on to further study at the world's top universities in countries such as the UK, USA, Australia, New Zealand, and the Netherlands
- Highly dedicated international academic staff will provide you with an outstanding learning experience and full support throughout your academic career at XJTLU
- Modules incorporate active learning activities such as site visits, field work, lab experiments, computer analysis, and also the use of technology-enhanced learning methods
- Opportunities to work with academic staff on current research projects as research support students and contribute to potential research publications

KNOWLEDGE AND SKILLS

Upon graduation, you will have:

- gained a sound knowledge and understanding of architectural studies, building services engineering, construction project management and cost estimation, building information modelling and core civil engineering subjects such as structures, hydraulics, geotechnics and materials
- acquired problem-solving skills and 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
- mastered the principles of project management, allocated project resources effectively and applied modern construction practices
- applied a range of qualitative and quantitative techniques in resolving architectural engineering problems.

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.

ENGINEERING MATHEMATICS

INTRODUCTION TO MANAGEMENT

SOLIDS AND STRUCTURES

SURVEYING FOR ARCHITECTURAL ENGINEERS

FLUID MECHANICS

INTRODUCTION TO MATERIALS

ARCHITECTURAL TECHNOLOGY AND INNOVATION

HUMANITIES AND ARCHITECTURE

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

CIVIL ENGINEERING PROJECT MANAGEMENT

CONSTRUCTION MATERIALS

BASIC SOIL MECHANICS

STRUCTURAL BEHAVIOUR AND MODELLING

BUILDING SERVICES ENGINEERING

ARCHITECTURAL ENGINEERING PROJECT.

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 4.

CONSTRUCTION MANAGEMENT

FOUNDATION ENGINEERING

STRUCTURAL DYNAMICS

EARTHQUAKE ENGINEERING

STRUCTURAL STEELWORK, TIMBER AND MASONRY

CAPSTONE DESIGN II

CONSTRUCTION COST CONTROL AND ESTIMATION

BUILDING INFORMATION MODELLING

FINAL YEAR PROJECT.



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PROGRAMME
WEBSITE

GENERAL ENQUIRIES

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admissions@xjtlu.edu.cn (Chinese nationals)

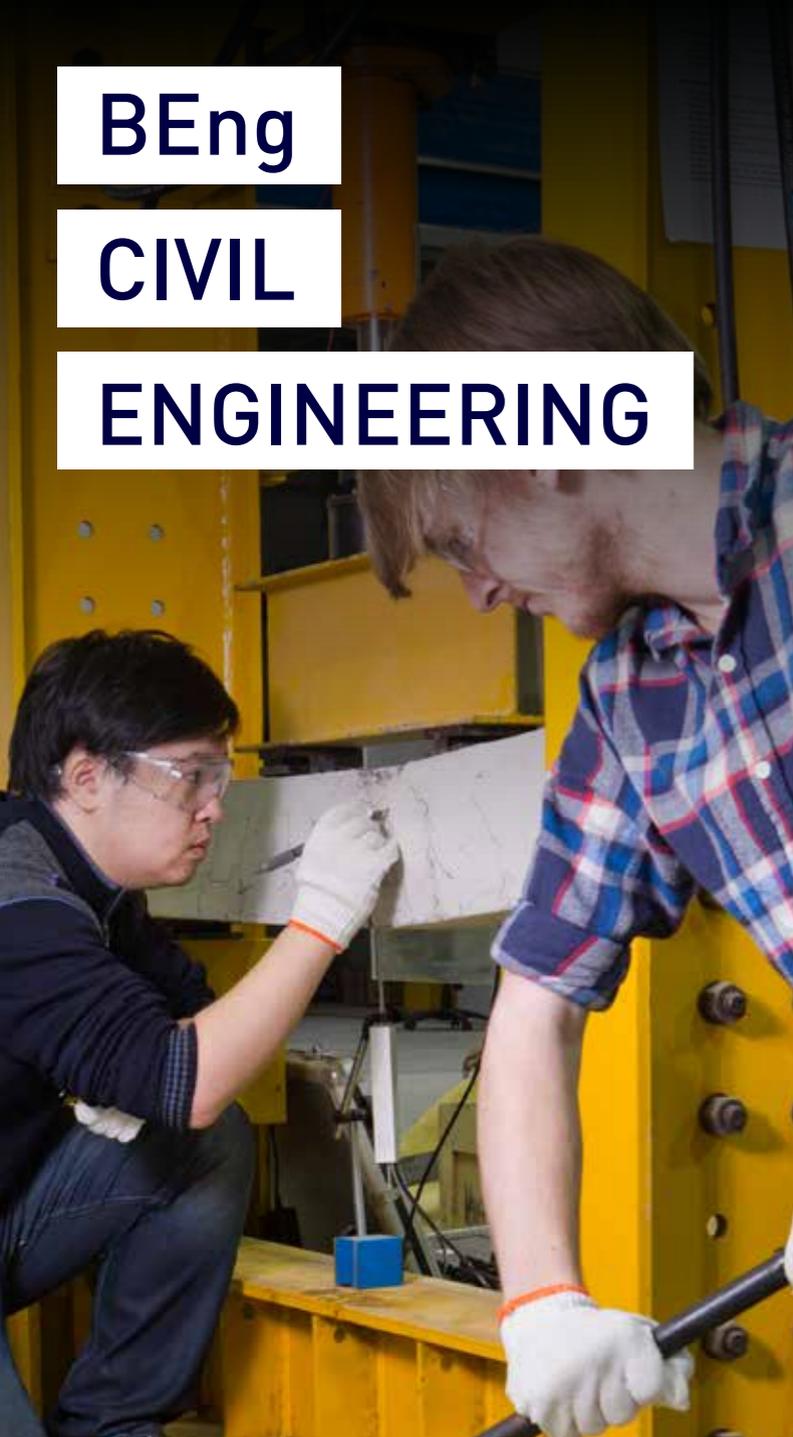
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undergraduate/architectural-engineering](http://www.xjtlu.edu.cn/en/find-a-programme/undergraduate/architectural-engineering)

BEng

CIVIL

ENGINEERING



BEng CIVIL ENGINEERING

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. The BEng Civil Engineering programme at XJTLU provides a theoretically comprehensive and industry-oriented learning experience.

Graduates of this programme, as with all XJTLU undergraduate programmes, will 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.

ACCREDITATION

BEng (Hons) Accredited CEng (Partial)
This degree is accredited as:

- fully satisfying the educational base for an Incorporated Engineer (IEng).
- partially satisfying the educational base for a Chartered Engineer (CEng). A programme of accredited Further Learning will be required to complete the educational base for CEng.

BEng (Hons) Accredited CEng (Partial)
This degree is accredited as:



CAREERS

The completion of the degree at XJTLU will allow you to select from a wide range of career paths either as a graduate civil engineer or a postgraduate student. Most of our graduates go on to further their studies at the world's top universities or are offered high-profile employment opportunities in private and governmental sectors. Civil engineers mainly work as structural engineers, project managers, consulting engineers, construction inspectors, hydraulic engineers, geotechnical engineers and researchers.

DISTINCTIVE FEATURES

- The programme is accredited by Joint Board of Moderators (JBM), UK which will enable you to become a chartered engineer recognised worldwide.
- The opportunity to enrol in the exchange programme at the University of Leeds, UK for Year Three of your studies.
- Most of our graduates go on to further studies at the world's top universities in countries such as the UK, USA, Australia, New Zealand, and Netherlands.
- Highly dedicated international academic staff will provide you with a better learning experience and full support throughout your academic career at XJTLU.
- Modules incorporate active learning activities such as site visits, field work, lab experiments, computer analysis, and use of in-class technology enhanced learning methods.
- The opportunity to work with academic staff on current research projects as research support students and potentially contribute to research publications.

KNOWLEDGE AND SKILLS

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

- be able to undertake a civil engineering design project (given clearly defined requirements and constraints)
- understand the principles of project management and be able to allocate project resources effectively
- understand and be able to apply modern construction practices
- be able to critically apply a range of qualitative and quantitative techniques relevant to the analysis and solution of civil engineering problems.

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

SOLIDS AND STRUCTURES

FLUID MECHANICS

GEOLOGY

ENGINEERING SKILLS

SURVEYING

INTRODUCTION TO MATERIALS.

YEAR THREE

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

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

STRUCTURAL STEELWORK, TIMBER AND MASONRY

CONSTRUCTION MANAGEMENT

EARTHQUAKE ENGINEERING

CAPSTONE DESIGN 2

WATER RESOURCES ENGINEERING 2

FINAL YEAR PROJECT.



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WEBSITE

GENERAL ENQUIRIES

international@xjtlu.edu.cn (International, HK, Macao & Taiwan)
admissions@xjtlu.edu.cn (Chinese nationals)

APPLY

[www.xjtlu.edu.cn/en/find-a-programme/
undergraduate/civil-engineering](http://www.xjtlu.edu.cn/en/find-a-programme/undergraduate/civil-engineering)

DEPARTMENT OF COMPUTER SCIENCE AND SOFTWARE ENGINEERING

Computer systems affect every part of our daily lives and are used by every conceivable type of organisation to some degree. These systems are highly interdisciplinary with historical roots in mathematics, physics and electronics. Over the years, computer scientists and software engineers have remained at the cutting-edge of technology by creating more intelligent and effective solutions to complex problems.

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

Our highly qualified staff members have a diverse range of international experience in teaching, research and working in industry. This combines with our active research and business interactions to benefit our students by enhancing their learning experience and employability.



BEng

COMPUTER

SCIENCE AND

TECHNOLOGY

BEng COMPUTER SCIENCE AND TECHNOLOGY

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.

KNOWLEDGE AND SKILLS

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

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



SCAN THE QR CODE
TO VISIT THE
PROGRAMME
WEBSITE

GENERAL ENQUIRIES

international@xjtlu.edu.cn (International, HK, Macao & Taiwan)
admissions@xjtlu.edu.cn (Chinese nationals)

APPLY

[www.xjtlu.edu.cn/en/find-a-programme/
undergraduate/computer-science-and-technology](http://www.xjtlu.edu.cn/en/find-a-programme/undergraduate/computer-science-and-technology)

DISTINCTIVE FEATURES

The programme combines the core elements of electrical and electronic engineering with those of computer science. Teaching is divided equally between the Departments of Electrical and Electronic Engineering, and Computer Science at XJTLU. Academic staff teaching on the programme have actively collaborated with leading international partners such as Texas Instruments (USA), Synopsys (Ireland/USA), LG (Korea), and IBM (China).

Many graduates pursue postgraduate studies at world-renowned universities or start their career with prestigious employers because of these experiences. You will engage in research and industry-related work and, under the supervision of staff, you will have opportunities to present your research results at international conferences and to publish in leading journals.

Each year, a considerable number of students are awarded a Summer Undergraduate Research Fellowship that allows them to conduct supervised research with financial support. Student placement opportunities provide a platform for your career development and allow you to gain practical experience to complement theoretical studies.

Graduates of this programme, as with all XJTLU undergraduate programmes, will 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

Typically, BEng Computer Science and Technology graduates are employed in information technology industries, electronic design and automation enterprises, electronic and computer equipment manufacturers, project consultancies, universities and research institutions.

The quantitative and other transferable skills you will acquire during your studies mean that you could also pursue a career in a non-technical profession such as banking, accountancy, management or law. The programme also provides a foundation for further postgraduate study in electrical and electronic engineering 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

ELECTRICAL CIRCUITS

ELECTRONIC CIRCUITS

ENGINEERING MATHEMATICS

JAVA PROGRAMMING

C++ PROGRAMMING

COMPUTER SYSTEMS

DIGITAL AND INTEGRATED ELECTRONICS

DATABASES

YEAR THREE

DIGITAL ELECTRONICS

ELECTRONIC CIRCUITS AND SYSTEMS

ADVANCED OO PROGRAMMING

INTRODUCTION TO NETWORKING

MICROPROCESSOR SYSTEMS

ANALOGUE AND DIGITAL COMMUNICATION

INDUSTRIAL AWARENESS AND GROUP PROJECT

SOFTWARE ENGINEERING

INSTRUMENTATION AND CONTROL SYSTEMS

CONTINUOUS AND DISCRETE TIME SIGNALS AND SYSTEMS

YEAR FOUR

BIO-COMPUTATION

BIG DATA ANALYTICS

DIGITAL SYSTEM DESIGN WITH HDL

EMBEDDED COMPUTER SYSTEMS

MULTI-AGENT SYSTEMS OR COMPUTER SECURITY

SOFTWARE ENGINEERING II

FINAL YEAR PROJECT

Alongside the project, you will further develop your knowledge of analogue and digital communications, big data analytics, embedded computer systems and software engineering.

BSc

INFORMATION

AND

COMPUTING

SCIENCE

BSc INFORMATION AND COMPUTING SCIENCE

The BSc Information and Computing Science programme equips you with a broad knowledge of computer-based systems and the technical skills needed to work in research and development or technical support. You will learn how to use your skills creatively to solve practical problems as well as learn how cutting-edge computer technology is developed and applied.

DISTINCTIVE FEATURES

- In-depth focus on both the theory and practice of information and computer science
- Staff have worked at world-renowned institutions and have diverse experience in teaching, research and collaboration with industry
- You will engage in research under the supervision of staff. You are encouraged and supported to research, present your results at international conferences and to publish in leading journals
- You are challenged and assisted in solving industrial problems related with information systems and software development
- Summer Undergraduate Research Fellowships allow students to conduct supervised research with financial support
- Student placement opportunities for career development and practical experience to complement your theoretical studies
- Earn two degrees: an XJTLU degree from the Chinese Ministry of Education and a globally recognised degree from the University of Liverpool, a member of the Russell Group of leading UK universities



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admissions@xjtlu.edu.cn (Chinese nationals)

APPLY
www.xjtlu.edu.cn/en/find-a-programme/undergraduate/information-and-computing-science

KNOWLEDGE AND SKILLS

By the time you graduate from the BSc Information and Computing Science programme, you should be able to:

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

CAREERS

Career prospects for students in this field are excellent as the programme prepares you for a wide variety of jobs in the information technology and computing industries. BSc Information and Computing Science graduates may also start their own companies or find employment within specialist fields such as software development, intelligent systems, data science and analysis, information system, electronic commerce, mobile development or computer games design.

This programme provides a sound platform for further postgraduate study in the field of information and computer science. Many of our graduates have pursued postgraduate degrees at prestigious universities, such as Cambridge and Oxford in the UK.

MODULES

YEAR ONE

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

YEAR TWO

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

YEAR THREE

DECISION, COMPUTATION AND LANGUAGE
SOFTWARE ENGINEERING I
HUMAN CENTRIC COMPUTING
COMPLEXITY OF ALGORITHMS
ADVANCED OO PROGRAMMING
INTRODUCTION TO NETWORKING
SOFTWARE ENGINEERING GROUP PROJECT

Choose one from the following:

COMPUTER GRAPHICS
DATABASE DEVELOPMENT AND DESIGN

YEAR FOUR

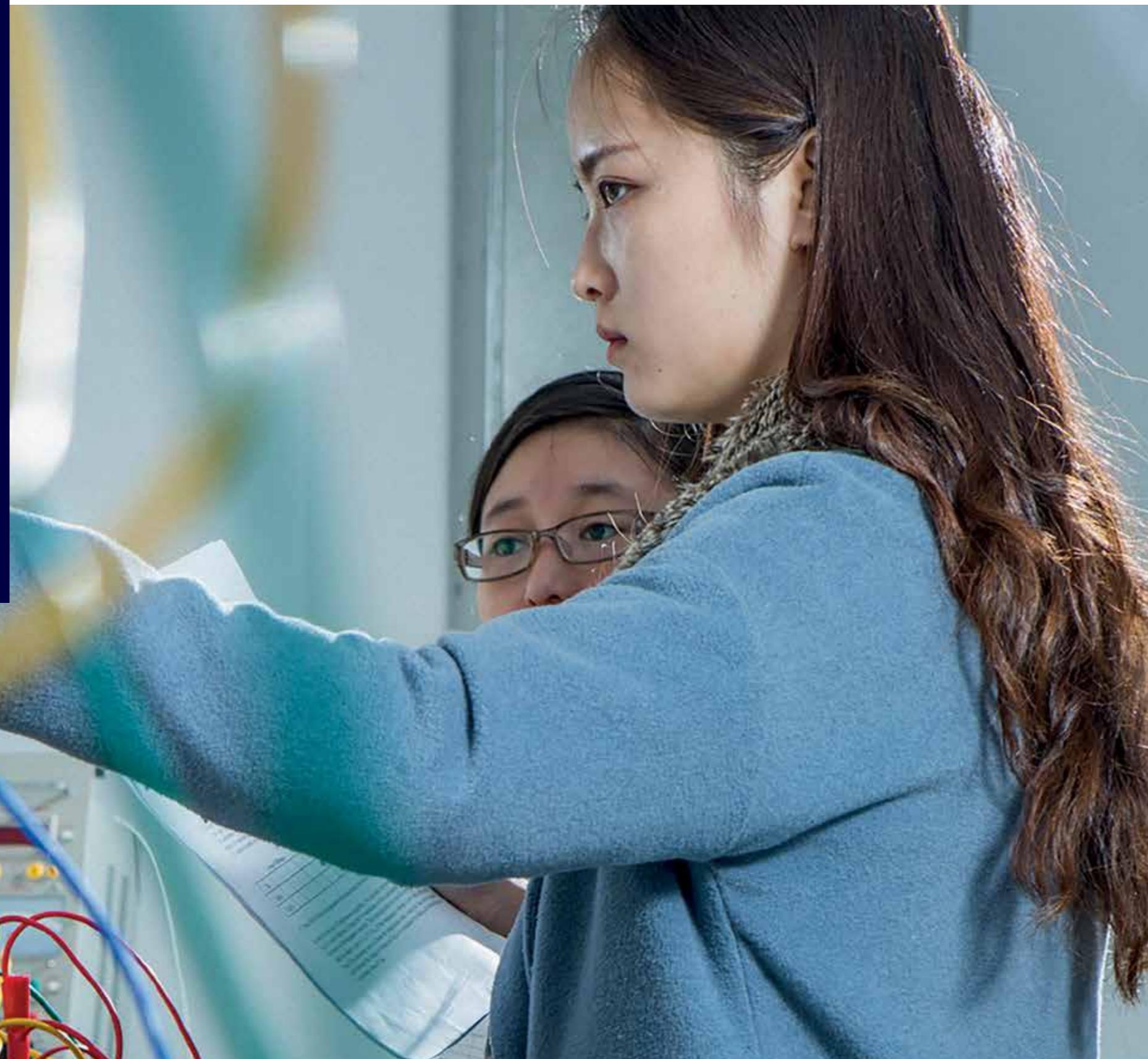
FINAL YEAR PROJECT
Choose six from the following:
BIO-COMPUTATION
MACHINE LEARNING
BIG DATA ANALYTICS
MOBILE COMPUTING
FORMAL METHODS
MULTI-AGENT SYSTEMS
TECHNOLOGIES FOR E-COMMERCE
COMPUTER SYSTEMS SECURITY
SOFTWARE ENGINEERING II
PRINCIPLES OF COMPUTER GAMES DESIGN

DEPARTMENT OF ELECTRICAL AND ELECTRONIC ENGINEERING

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

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

The degree programmes at XJTLU are informed by similar programmes at our parent universities and are proven to serve the needs of industry as well as modern, research-based development around the world.



BEng

DIGITAL

MEDIA

TECHNOLOGY

BEng DIGITAL MEDIA TECHNOLOGY

The programme equips students with the knowledge on how multimedia information, such as text, audio, images, video and animations, can be represented, recorded, transmitted, processed, displayed or interacted with by using computerized or electronic devices. It covers a wide range of interdisciplinary topics in electronics and computer science.

Programming, signal and image processing, international networks, computer graphics and game design, and multimedia system management are just some of the technologies which you will learn about through the BEng Digital Media Technology programme. Students of digital media technology will become engineers with an understanding of hardware and software systems, and how this knowledge can be applied creatively in the media and the arts.

Studying this programme will give you:

- a fundamental understanding of electronic engineering and computer science, with an emphasis on digital media technology
- great potential to aid society and improve people's quality of life.

Graduates of this programme, as with all XJTLU undergraduate programmes, will 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.



SCAN THE QR CODE
TO VISIT THE
PROGRAMME
WEBSITE

GENERAL ENQUIRIES
international@xjtlu.edu.cn (International, HK, Macao & Taiwan)
admissions@xjtlu.edu.cn (Chinese nationals)

APPLY
www.xjtlu.edu.cn/en/find-a-programme/undergraduate/digital-media-technology

DISTINCTIVE FEATURES

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.

CAREERS

The digital media industries are growing rapidly so there is enormous demand for creative and skilled engineers in internet development, the games industry, and information systems management.

KNOWLEDGE AND SKILLS

By the time you graduate, you will:

- have a broad understanding of the hardware and software that support the digital media industries
- appreciate the way hardware and software can be used creatively within the media industries
- be able to use your knowledge and skills in the development of new and imaginative digital media projects

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

YEAR THREE

ELECTRONIC CIRCUITS AND SYSTEMS
DIGITAL ELECTRONICS
CONTINUOUS AND DISCRETE TIME SIGNALS AND SYSTEMS
INTRODUCTION TO NETWORKING
COMPUTER GRAPHICS
ANALOGUE AND DIGITAL COMMUNICATIONS
MICROPROCESSOR SYSTEMS
INDUSTRIAL AWARENESS AND GROUP PROJECT
ADVANCED OBJECT-ORIENTATED PROGRAMMING
ARTIFICIAL INTELLIGENCE

YEAR FOUR

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

Choose one from the following:

E-COMMERCE TECHNOLOGIES
SIGNAL PROCESSING AND DIGITAL FILTERING



BEng

ELECTRICAL

ENGINEERING

BEng ELECTRICAL ENGINEERING

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.

ACCREDITATION

This programme has been accredited by the Institution of Engineering and Technology (IET). IET is a leading professional organisation working to share and advance knowledge and promote science, engineering and technology across the world.

Students graduating from this accredited programme can enjoy a more straightforward registration process for incorporated engineer (IEng) or chartered engineer (CEng) registration, important benchmarks professionally.



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PROGRAMME
WEBSITE

GENERAL ENQUIRIES

international@xjtlu.edu.cn (International, HK, Macao & Taiwan)
admissions@xjtlu.edu.cn (Chinese nationals)

APPLY

[www.xjtlu.edu.cn/en/find-a-programme/
undergraduate/electrical-engineering](http://www.xjtlu.edu.cn/en/find-a-programme/undergraduate/electrical-engineering)

DISTINCTIVE FEATURES

- Labs specifically designed for the electrical engineering degree
- Exceptionally low student to workstation ratio (1:3) that gives you the opportunity to perform individual experiments using cutting-edge technology
- Field trips to power stations in Suzhou and surrounding cities
- Partnerships with companies such as Littelfuse and REnergy Electric (Suzhou) Co., Ltd.
- Earn two degrees: an XJTLU degree from the Chinese Ministry of Education and a globally recognised degree from the University of Liverpool, a member of the Russell Group of leading UK universities.

CAREERS

BEng Electrical Engineering graduates can find employment as electric engineers, control and instrumentation engineers, electronic engineers or process engineers. The programme's quantitative and transferable skills also equip you for a wide variety of roles in other sectors related to electronic science and technology and telecommunications engineering.

The programme also provides a sound basis for further studies at masters and PhD levels in electrical engineering or renewable energy technology.

KNOWLEDGE AND SKILLS

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

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

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

ELECTRONIC CIRCUITS

ELECTRICAL CIRCUITS I

C AND C++ PROGRAMMING AND SOFTWARE ENGINEERING/ENGINEERING DRAWING

ENGINEERING MATHEMATICS

ELECTROMAGNETISM AND ELECTROMECHANICS

DIGITAL ELECTRONICS I

INTEGRATED ELECTRONICS AND DESIGN

EXPERIMENTAL, COMPUTER SKILLS AND SUSTAINABILITY

ENGLISH LANGUAGE AND STUDY SKILLS FOR ENGINEERING

YEAR THREE

ELECTRONIC CIRCUITS AND SYSTEMS

ELECTROMAGNETICS

CONTINUOUS AND DISCRETE TIME SIGNALS AND SYSTEMS

ELECTRICAL CIRCUITS II

CMO INTEGRATED CIRCUITS

DIGITAL ELECTRONICS II

ENGINEERING MATHEMATICS

MICROPROCESSOR SYSTEMS

INDUSTRIAL AWARENESS AND GROUP PROJECT

POWER ELECTRONICS AND ELECTROMECHANICS

ENERGY CONVERSION AND POWER SYSTEMS

ANALOGUE AND DIGITAL COMMUNICATIONS

INSTRUMENTATION AND CONTROL SYSTEMS

YEAR FOUR

Compulsory modules:

DIGITAL CONTROL AND AUTOMATIC CONTROL

OPTIMISATION

DRIVES, POWER GENERATION, TRANSMISSION AND RELAYING

PROTECTIVE RELAYING

FINAL YEAR PROJECT

Elective modules:

ANALOGUE AND DIGITAL COMMUNICATIONS

ANTENNAS

DIGITAL SYSTEM DESIGN WITH HDL

ELECTRONICS FOR COMMUNICATIONS

ELECTRONICS FOR INSTRUMENTATION

INFORMATION THEORY AND CODING

INTEGRATED CIRCUITS – CONCEPTS AND DESIGN

SIGNAL PROCESSING AND DIGITAL FILTERING

DATA COMMUNICATIONS

EMBEDDED COMPUTER SYSTEMS

INTRODUCTION TO OPTOELECTRONICS AND PHOTONICS

PHOTONICS AND OPTICAL COMMUNICATION SYSTEMS

WIRELESS SYSTEMS

IMAGE PROCESSING

MICRO AND NANO-MANUFACTURING TECHNOLOGY

SMART GRID TECHNOLOGY

SIGNAL PROCESSING AND DIGITAL FILTERING

BEng

ELECTRONIC

SCIENCE AND

TECHNOLOGY

BEng ELECTRONIC SCIENCE AND TECHNOLOGY

The BEng Electronic Science and Technology programme offers you a thorough foundation in micro-electronic engineering, electronic engineering and photonic engineering. You will learn to operate at the cutting-edge of emerging technologies.

ACCREDITATION

This programme has been accredited by the Institution of Engineering and Technology (IET). IET is a leading professional organisation working to share and advance knowledge and promote science, engineering and technology across the world.

Students graduating from this accredited programme can enjoy a more straightforward registration process for incorporated engineer (IEng) or chartered engineer (CEng) registration, important benchmarks professionally.



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PROGRAMME
WEBSITE

GENERAL ENQUIRIES

international@xjtlu.edu.cn (International, HK, Macao & Taiwan)
admissions@xjtlu.edu.cn (Chinese nationals)

APPLY

[www.xjtlu.edu.cn/en/find-a-programme/
undergraduate/electronic-science-and-technology](http://www.xjtlu.edu.cn/en/find-a-programme/undergraduate/electronic-science-and-technology)

DISTINCTIVE FEATURES

- Use state-of-the-art equipment and tools for developing integrated circuit (IC) design, IC fabrication and application in electronic systems
- Have access to an equipped clean-room to apply knowledge learnt from books and lectures
- Study an IC design module, based on appropriate software, which is unique among Chinese universities
- Earn two degrees: an XJTLU degree from the Chinese Ministry of Education and a globally recognised degree from the University of Liverpool, a member of the Russell Group of leading UK universities

CAREERS

With a worldwide shortage of graduates in this field, BEng Electronic Science and Technology graduates have multiple career opportunities within micro-electronic engineering, electronic engineering and photonic engineering. Given the programme's strong focus on micro and photo-electronics, graduates will be particularly well-equipped for employment in the microelectronics (semiconductor) and photonics industries. The programme will also provide a sound foundation for further studies at masters and PhD levels in microelectronics, electronics and photonics.

KNOWLEDGE AND SKILLS

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

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

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

ELECTRONIC CIRCUITS – TRANSISTORS AND AMPLIFIERS

ELECTRICAL CIRCUITS

C AND C++ PROGRAMMING AND SOFTWARE ENGINEERING

ENGINEERING MATHEMATICS

ENGINEERING ELECTROMAGNETISM AND DRIVES

DIGITAL ELECTRONICS

INTEGRATED ELECTRONICS AND DESIGN

EXPERIMENTAL SKILLS.

YEAR THREE

CONTINUOUS AND DISCRETE TIME SIGNALS AND SYSTEMS

ELECTRONIC CIRCUITS AND SYSTEMS

CMOS DIGITAL INTEGRATED CIRCUITS

DIGITAL ELECTRONICS

ENGINEERING MATHEMATICS

MICROPROCESSOR SYSTEMS

INDUSTRIAL AWARENESS AND GROUP PROJECT

ANALOGUE AND DIGITAL COMMUNICATIONS (I)

INSTRUMENTATION

RF ENGINEERING AND APPLIED ELECTROMAGNETICS

ENERGY CONVERSION AND POWER SYSTEMS

CONTROL SYSTEMS.

ADVANCED ELECTRICAL CIRCUITS AND

ELECTROMAGNETICS

YEAR FOUR

ANALOGUE AND DIGITAL COMMUNICATIONS (II)

ELECTRONICS FOR COMMUNICATIONS

DIGITAL DESIGN WITH HDL

INTEGRATED CIRCUITS – CONCEPTS AND DESIGN

ELECTRONICS FOR INSTRUMENTATION

MICRO AND NANO-MANUFACTURING TECHNOLOGY.

EMBEDDED COMPUTER SYSTEMS

FINAL YEAR PROJECT.

Choose from the following:

INTRODUCTION TO OPTOELECTRONICS AND PHOTONICS

SIGNAL PROCESSING AND DIGITAL FILTERING

BEng

TELE-

COMMUNICATIONS

ENGINEERING

BEng TELECOMMUNICATIONS ENGINEERING

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

DISTINCTIVE FEATURES

- Study the electronics of wireless communications, optical communications and beyond 3G technologies
- Use fully equipped telecommunication laboratories including integrated circuit design modules and power systems
- A wide range of optional modules gives you the opportunity to tailor the course to your own academic and research interests
- Study an up-to-date 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



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admissions@xjtlu.edu.cn (Chinese nationals)

APPLY
[www.xjtlu.edu.cn/en/find-a-programme/
undergraduate/telecommunications-engineering](http://www.xjtlu.edu.cn/en/find-a-programme/undergraduate/telecommunications-engineering)

KNOWLEDGE AND SKILLS

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

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

CAREERS

Graduates of the BEng Telecommunications Engineering programme find employment in areas such as the design and development of telecommunication technologies or the maintenance and upgrade of current 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

C PROGRAMMING AND SOFTWARE ENGINEERING I (EEE101)

ELECTRICAL CIRCUITS I (EEE103)

ELECTRONIC CIRCUITS (EEE109)

ENGINEERING MATHEMATICS (MTH101 AND MTH102)

DIGITAL ELECTRONICS I (EEE104)

ELECTROMAGNETISM AND ELECTROMECHANICS (EEE108)

INTEGRATED ELECTRONICS AND DESIGN (EEE112)

EXPERIMENTAL COMPUTER SKILLS AND SUSTAINABILITY (EEE116)

C++ PROGRAMMING AND SOFTWARE ENGINEERING II (OPTIONAL, EEE102)

ENGINEERING DRAWING (OPTIONAL, EEE118)

YEAR THREE

CMOS DIGITAL INTEGRATED CIRCUITS (EEE201)

CONTINUOUS AND DISCRETE TIME SIGNALS AND SYSTEMS (EEE203 AND EEE204)

DIGITAL ELECTRONICS II (EEE205)

ADVANCED ELECTRICAL CIRCUITS AND

ELECTROMAGNETICS (EEE225)

ELECTRONIC CIRCUITS AND SYSTEMS (EEE211)

ENGINEERING MATHEMATICS (MTH201)

ANALOGUE AND DIGITAL COMMUNICATIONS I (EEE202)

ENERGY CONVERSION AND POWER SYSTEMS (EEE210)

INDUSTRIAL AWARENESS AND GROUP PROJECT (EEE212)

MICROPROCESSOR SYSTEMS (EEE216)

RF ENGINEERING AND APPLIED ELECTROMAGNETICS (EEE218)

INSTRUMENTATION AND CONTROL SYSTEMS (EEE220)

YEAR FOUR

ANALOGUE AND DIGITAL COMMUNICATIONS II (EEE301)

INFORMATION THEORY AND CODING (EEE315)

DATA COMMUNICATIONS (EEE302)

FINAL YEAR PROJECT (EEE311)

WIRELESS SYSTEMS (EEE326)

Choose from the following:

ANTENNAS (EEE303)

ELECTRONICS FOR COMMUNICATIONS (EEE307)

ELECTRONICS FOR INSTRUMENTATION (EEE309)

DIGITAL SYSTEM DESIGN WITH HDL (EEE339)

RADIO PROPAGATION AND MICROWAVE CIRCUITS (EEE341)

EMBEDDED COMPUTER SYSTEMS (EEE310)

PHOTONICS AND OPTICAL COMMUNICATION SYSTEMS (EEE318)

IMAGE PROCESSING (EEE330)

SIGNAL PROCESSING AND DIGITAL FILTERING (EEE336)

BEng

MECHATRONICS

AND ROBOTIC

SYSTEMS

BEng MECHATRONICS AND ROBOTIC SYSTEMS

Mechatronics and robotic systems are new branches in engineering that are applicable to every sector of society. Remotely operated vehicles on Mars, programmable washing machines at home and automated robots in manufacturing assembly lines are just some of the applications of mechatronics and robotic systems. These products are essentially mechanical in nature but could not function without electronics and computer control systems.

The Mechatronics and Robotic Systems programme at XJTLU is a new cutting-edge major for a fast-growing industry. Students on this programme can learn and apply technologies in mechanical engineering, electronics, electrical engineering, control engineering and scientific computing. Graduates will be able to design, integrate, and test complete mechatronic systems and products.

DISTINCTIVE FEATURES

- Our mechatronics laboratories are equipped with comprehensive development kits that support students working on robot-based projects such as autonomous cars, bionic robots, and quad-copters.
- Students will use and master state-of-the-art industrial software/hardware platforms to put acquired knowledge into practice, and to invent, design, develop, analyse, and operate mechatronic systems.
- Student will have opportunities to participate in field trips and internship programmes in robotics and automation companies around the Yangze River Delta region.



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PROGRAMME
WEBSITE

GENERAL ENQUIRIES
international@xjtlu.edu.cn (International, HK, Macao & Taiwan)
admissions@xjtlu.edu.cn (Chinese nationals)

APPLY
[www.xjtlu.edu.cn/en/find-a-programme/
undergraduate/mechatronics-and-robotic-systems](http://www.xjtlu.edu.cn/en/find-a-programme/undergraduate/mechatronics-and-robotic-systems)

KNOWLEDGE AND SKILLS

The BEng in Mechatronics and Robotic Systems offers a highly diverse range of subject-related engineering knowledge with an emphasis on interdisciplinary skills.

Students will learn fundamental knowledge related to science and engineering in Year One. In addition, they will receive intensive English language training to prepare them for the 100 percent English taught and assessed modules in the subsequent years.

In Year Two, students will study the fundamentals of digital computers, electronics and electrical circuits, and mechanical engineering. Students will also take modules in mathematics, computer programming and information technology.

Year Three builds on this knowledge with modules in signal processing, control systems, engineering structures, digital electronics and micro-processing systems. Also included are hands-on projects that will develop students' abilities to work in a team, emphasising leadership and promoting independent problem solving skills.

In their Final Year, students will take compulsory modules covering mechatronics and robotic systems; modules such as Embedded Computer Systems and Industrial Automation and Robot Control will be taught. These together with a large choice of elective modules will allow students to develop skills in their preferred areas of interest. The Final Year includes the Final Year Project (FYP). An example of an FYP in the mechatronics and robotic systems field could be the development of a visual-based control system for autonomous vehicles equipped with multiple sensors.

CAREERS

Mechatronics and robotic systems graduates have excellent career prospects because of the trends of 'Industry 4.0' and 'Sustainable Development'. Many local, national, and international engineering companies hire students with a background in mechatronics and robotic systems for their well-rounded, multidisciplinary, and high-calibre 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

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

YEAR THREE

ELECTRONIC CIRCUITS AND SYSTEMS
SIGNAL AND SYSTEMS (I)
DIGITAL ELECTRONICS (II)
FLUID MECHANICS FOR ENGINEERING
ENGINEERING STRUCTURES
MICROPROCESSOR SYSTEMS
SIGNAL AND SYSTEMS (III)
INSTRUMENTATION AND CONTROL SYSTEMS
MECHANICAL ENGINEERING DESIGN
DYNAMIC SYSTEMS

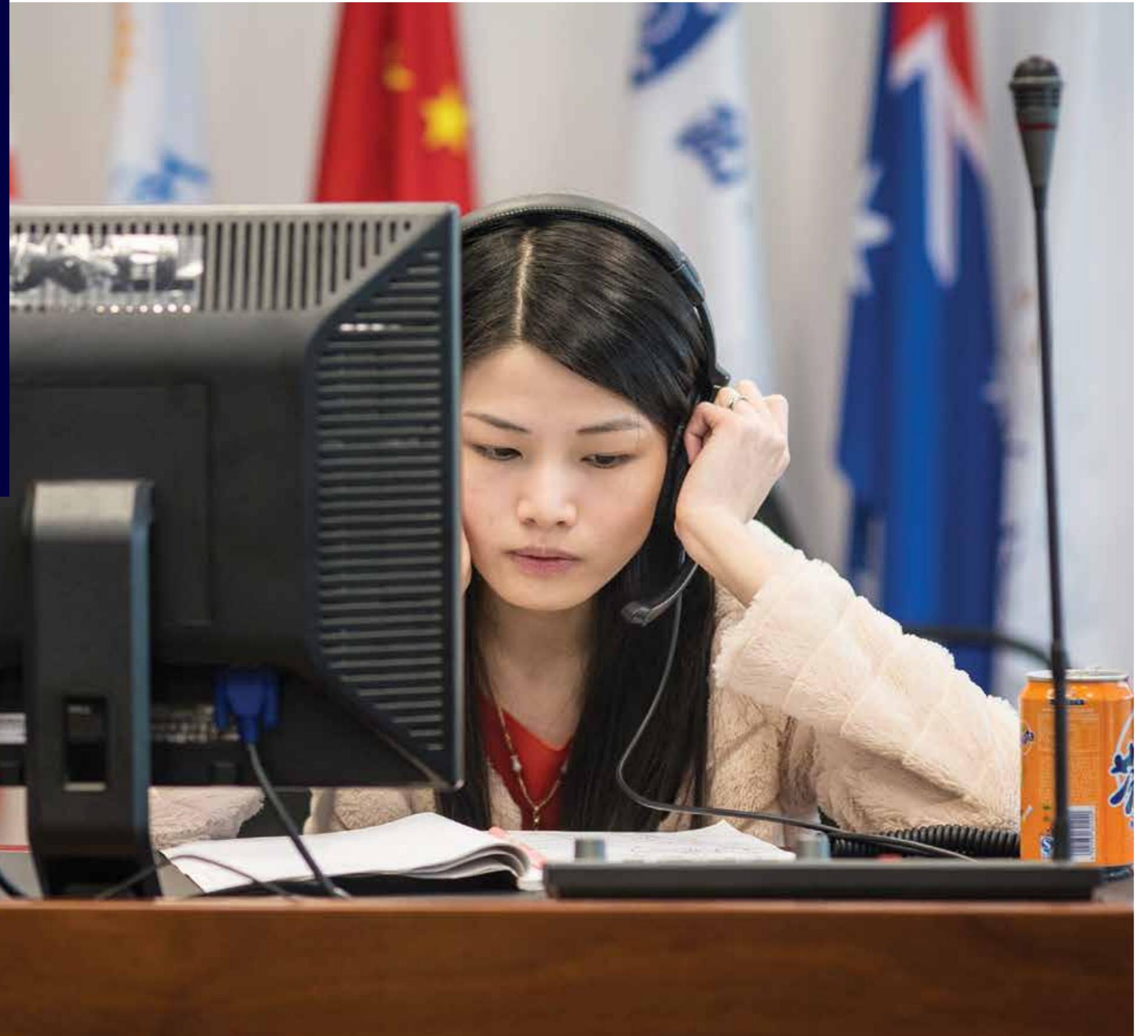
YEAR FOUR

PROFESSIONAL PRACTICE
ROBOTS AND MECHATRONIC SYSTEMS
INDUSTRIAL AUTOMATION AND ROBOT CONTROL
FINAL YEAR PROJECT
Elective modules:
ELECTRONICS FOR INSTRUMENTATION
DRIVES, POWER GENERATION, TRANSMISSION AND RELAYING
DIGITAL SYSTEM DESIGN WITH HDL
EMBEDDED COMPUTER SYSTEMS
DIGITAL CONTROL AND AUTOMATIC CONTROL
MACHINE LEARNING
ARTIFICIAL INTELLIGENCE
MULTI-AGENT SYSTEMS
DATA COMMUNICATION
PHOTONICS AND OPTICAL COMMUNICATION SYSTEMS
OPTIMISATION
SIGNAL PROCESSING AND DIGITAL FILTERING
PATTERN RECOGNITION IN COMPUTER VISION

DEPARTMENT OF ENGLISH

The Department of English trains English language professionals for careers in the fields of education, communication, finance and business. Such graduates are highly sought-after in domestic and international job markets and are well prepared for working in corporate communications, internet ventures, film and television production and education. Graduates are also well-positioned to excel in postgraduate studies in a variety of fields.

The department's learning environment enables students to adapt to western educational culture and to become lifelong learners. The innovative interdisciplinary design of each of our programmes prepares students for the range of opportunities and challenges they will meet in their future careers.



BA

APPLIED

ENGLISH



BA APPLIED ENGLISH

The BA Applied English programme is for those interested in studying English as a subject matter in its own right. Students in the programme will become knowledgeable of the many ways in which English, and more broadly, languages are used around the world today. Subjects are offered in the areas of linguistics, literature and translation studies. Aside from being a platform for the development of intellectual faculties, the programme provides ample opportunity for students to engage in the application of their learning. This is done, for instance, through the practice of translation and interpreting.

Applied English students will acquire a range of skills transferable not only to work such as language teaching, translation and interpreting, and editing, but also many settings requiring the ability to identify and deal with real-world problems in an innovative manner.

DISTINCTIVE FEATURES

- Become equipped as a professional communicator in an international setting
- Prepare for further study by obtaining the most versatile of undergraduate qualifications
- Gain two degrees: an XJTLU degree approved by the Chinese Ministry of Education and a degree from the University of Liverpool
- Have the option of earning the qualification entirely in Suzhou, China, or doing so at the University of Liverpool in the United Kingdom in the final two years



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GENERAL ENQUIRIES
international@xjtlu.edu.cn (International, HK, Macao & Taiwan)
admissions@xjtlu.edu.cn (Chinese nationals)

APPLY
www.xjtlu.edu.cn/en/find-a-programme/undergraduate/applied-english

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 (ENG101)

INTRODUCTION TO LINGUISTICS (ENG103)

INTRODUCTION TO CLOSE READING: APPROACHES TO LITERARY STUDY (ENG105)

ENGLISH AS A GLOBAL LANGUAGE (ENG115)

LITERATURE IN CONTEXT (ENG106)

INTRODUCTION TO CORPUS LINGUISTICS (ENG114)

SYNTAX (ENG116)

LITERARY THEORY (ENG118)

YEAR THREE

ADVERTISING AND THE MEDIA (ENG201)

TRANSLATION (ENG203)

LITERATURE IN THE ENLIGHTENMENT (ENG207)

LANGUAGE AND SOCIETY (ENG215)

LITERATURE AND GENDER (ENG217)

SEMANTICS AND PRAGMATICS (ENG219)

INTERPRETING (ENG204)

TECHNICAL TRANSLATION (ENG210)

JANE AUSTEN (ENG214)

BILINGUALISM (ENG216)

POSTCOLONIAL LITERATURE (ENG212)

LANGUAGE AND MIND (ENG220)

YEAR FOUR

ANALYSING TEXT (ENG301)

FINAL YEAR PROJECT (ENG305)

CONFERENCE INTERPRETING (ENG307)

ADVANCED LITERATURE - BRITISH ROMANTICISM (ENG311)

TECHNO-CULTURE (ENG315)

CHINESE LINGUISTICS (ENG317)

HISTORICAL LINGUISTICS (ENG325)

INTERPERSONAL COMMUNICATION IN THE WORKPLACE (ENG302)

LANGUAGE AND LITERATURE (ENG304)

ADVANCED LITERATURE - APPROACHES TO MODERN POETRY (ENG310)

LANGUAGE OF THE LAW (ENG312)

INTERCULTURAL COMMUNICATION (ENG314)

APPLIED LINGUISTICS (ENG318)

THE GOTHIC (ENG322)

POSTMODERN LITERATURE (ENG324)

KNOWLEDGE AND SKILLS

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

- gained techniques in, and approaches to, the study of English language and literature
- the ability to use advanced approaches in the analysis of language
- developed an awareness of Anglophone, Chinese, and international perspectives on the use of language
- high levels of proficiency in oral and written communication in English
- skills in the practice of translation and interpreting

CAREERS

Aside from employment in language-related fields, graduates of the programme have received offers to pursue further study in leading universities in China, Australia, Hong Kong, 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.



BA

ENGLISH AND COMMUNICATION STUDIES



SCAN THE QR CODE TO VISIT THE PROGRAMME WEBSITE

GENERAL ENQUIRIES

international@xjtlu.edu.cn (International, HK, Macao & Taiwan)
admissions@xjtlu.edu.cn (Chinese nationals)

APPLY

www.xjtlu.edu.cn/en/find-a-programme/undergraduate/english-and-communication-studies

BA ENGLISH AND COMMUNICATION STUDIES

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, across our specialist areas of English language and literature, and communication and media.

The unique level of choice and flexibility makes this programme ideal for both international and domestic students. Like our other English programmes, it has modules on translation and interpreting between English and Chinese, as well as a unique specialised module on literary translation. The programme's flexible structure, however, means that these modules are not compulsory, allowing both international and domestic students to follow alternative routes.

DISTINCTIVE FEATURES

- Access a full range of modules taught in the Department of English and School of Film and TV Arts
- Have more options than any other degree programme - during Years Two to Four, you can choose 18 modules from a choice of over 40
- In Years Three and Four all subject modules are optional, giving you complete control over your programme of study
- 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

- INTRODUCTION TO LINGUISTICS
- CLOSE READING
- ANALYSING COMMUNICATION

Choose one from the following:

- SOUNDS OF ENGLISH
- ENGLISH AS A GLOBAL LANGUAGE
- MEDIA MANAGEMENT
- JOURNALISM: THEORY AND PRACTICE

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:

- SCREENWRITING FOR FILM AND TV
- PERSPECTIVES ON VISUAL MEDIA
- MEDIA ETHICS
- COMMUNICATION IN CHINA
- INVESTIGATIVE JOURNALISM

YEAR THREE

Choose two from the following:

- ADVERTISING AND THE MEDIA
- TRANSLATION
- LITERATURE IN THE ENLIGHTENMENT
- LITERATURE AND GENDER
- LANGUAGE AND SOCIETY
- SEMANTICS AND PRAGMATICS

Choose two options in communication from the following:

- APPROACHES TO THE MEDIA
- ADAPTATION ACROSS THE MEDIA
- DIGITAL MEDIA AND VIDEO 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
- GLOBAL JOURNALISM
- CHINA AND THE DIGITAL REVOLUTION

YEAR FOUR

- FINAL YEAR PROJECT

Choose three options from the following:

- CONFERENCE INTERPRETING
- ANALYSING TEXT
- ADVANCED LITERATURE - BRITISH ROMANTICISM
- TECHNO-CULTURES

CHINESE LINGUISTICS

HISTORICAL LINGUISTICS

EUROPEAN CINEMA

THEORETICAL DEBATES IN FILM STUDIES

DOCUMENTARY

Choose three options from the following:

- INTERPERSONAL COMMUNICATION IN THE WORKPLACE
- LANGUAGE AND LITERATURE
- ADVANCED LITERATURE - APPROACHES TO MODERN POETRY
- LANGUAGE OF THE LAW
- APPLIED LINGUISTICS
- THE GOTHIC
- POSTMODERN LITERATURE
- INTERCULTURAL COMMUNICATION
- PORTRAYAL OF CHINA IN WESTERN MEDIA
- ANIMATION

KNOWLEDGE AND SKILLS

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. You will gain an understanding of the changing use of language and other forms of communication, and the ways in which they inform and influence contemporary society.

By the time you graduate from the BA English and Communication Studies programme, you will be able to:

- communicate professionally in English, within the context of journalism and the media
- understand the theories and analytical techniques associated with linguistics, literature, culture and communication
- apply your knowledge and skills to solve practical challenges and problems within the context of journalism and the media

CAREERS

BA English and Communication Studies students will graduate with a combination of critical and theoretical knowledge as well as with strong English language skills. You will acquire intellectual, interpersonal and technical skills that are highly valued by employers.

Graduates of this programme will be attractive employees in globalised workplaces and may be employed in journalism, broadcasting or advertising. Some may be employed as management trainees in a variety of businesses, while others will start their careers in retailing, computing and librarianship. You may also be able to pursue a career as a professional translator or interpreter, or as a teacher of English as a foreign language. Additionally, the programme provides a foundation for further graduate level study in the subjects of English language, English literature and communications.

BA

ENGLISH AND FINANCE

BA ENGLISH AND FINANCE

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

Graduates of this programme, as with all XJTLU undergraduate programmes, will 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.

DISTINCTIVE FEATURES

While options for the English side of the programme are fairly open, the most popular choices for our ENF cohorts tend to be modules which give them very useful insights into the language of specialist domains such as the business and finance world.

As an ENF student you are in a strong position:

- you are an English major who has studied specialist Business/Finance modules for a substantial part of your degree.
- you can choose options in mathematics, finance and economics to develop and extend your knowledge of finance-related statistical methods.
- your strengths in English language and linguistics provide deeper insights into the use of language across different domains.



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international@xjtlu.edu.cn (International, HK, Macao & Taiwan)
admissions@xjtlu.edu.cn (Chinese nationals)

APPLY
www.xjtlu.edu.cn/en/find-a-programme/undergraduate/english-and-finance

KNOWLEDGE AND SKILLS

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

- be able to communicate professionally in English, using the language confidently to analyse financial issues
- have the ability to apply a range of accounting and quantitative techniques
- have a good working knowledge of financial economics and financial 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 you with a range of interesting modules, language classes and core skills for your degree.

YEAR TWO

Compulsory modules:

ENGLISH LANGUAGE AND STUDY SKILLS III FOR BUSINESS

INTRODUCTION TO LINGUISTICS

INTRODUCTION TO STATISTICS

INTRODUCTION TO FINANCIAL ACCOUNTING AND ACCOUNTABILITY

FOUNDATIONS OF FINANCE

Elective modules:

SOUNDS OF ENGLISH

INTRODUCTION TO CLOSE READING: APPROACHES TO LITERARY STUDY

ENGLISH AS A GLOBAL LANGUAGE

INTRODUCTION TO CORPUS LINGUISTICS

LITERARY THEORY

LITERATURE IN CONTEXT

SYNTAX

Choose one of:

ECONOMIC PRINCIPLES FOR BUSINESS AND MARKETS, OR

MATHS FOR ECONOMICS AND BUSINESS

CAREERS

You will acquire language, business knowledge and intercultural skills that are highly sought-after in international institutions. Graduates typically pursue careers within the general domain of English and finance including administrative, managerial, accounting and consultancy positions within international organisations.

You may also be able to pursue a career as a professional translator or interpreter. Additionally, the programme provides a foundation for further graduate level study in the subjects of English language and finance.

YEAR THREE

Compulsory modules:

THEORY OF THE FIRM

FINANCIAL MANAGEMENT

Elective modules:

TRANSLATION

TECHNICAL TRANSLATION

INTERPRETING

LANGUAGE AND SOCIETY

ADVERTISING AND THE MEDIA

LITERATURE AND GENDER

SEMANTICS AND PRAGMATICS

LITERATURE OF THE ENLIGHTENMENT

BILINGUALISM

LANGUAGE AND MIND

LANGUAGE AND GENDER

JANE AUSTEN

POSTCOLONIAL LITERATURE

Choose:

ECONOMETRICS I, OR

CORPORATE FINANCE

And choose:

SECURITIES MARKETS, OR

INTERNATIONAL DEVELOPMENT

YEAR FOUR

Compulsory modules:

BUSINESS FINANCE

FINANCE AND MARKETS

INTERNATIONAL ECONOMIC RELATIONS

Elective modules:

ANALYSING TEXT

CHINESE LINGUISTICS

HISTORICAL LINGUISTICS

ADVANCED LITERATURE - BRITISH ROMANTICISM

CONFERENCE INTERPRETING

TECHNOCULTURE

APPLIED LINGUISTICS

INTERPERSONAL COMMUNICATION IN THE WORKPLACE

LANGUAGE AND LITERATURE

INTERCULTURAL COMMUNICATION

POSTMODERN LITERATURE

LANGUAGE OF THE LAW

THE GOTHIC

ADVANCED LITERATURE: APPROACHES TO MODERN

POETRY

FINAL YEAR PROJECT

BA

ENGLISH AND

INTERNATIONAL

BUSINESS

BA ENGLISH AND INTERNATIONAL BUSINESS

The interdisciplinary BA English and International Business programme combines the subjects of English language and international business 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.

Graduates of this programme, as with all XJTLU undergraduate programmes, will 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.

DISTINCTIVE FEATURES

While options for the English side of the programme are fairly open, the most popular choices for our ENB cohorts tend to be modules which give them very useful insights into the language of specialist domains such as the business and finance world.

As an ENB student you are in a strong position:

You are an English major who has studied specialist Business/Finance modules for a substantial part of your degree

You can choose options in marketing, management and economics to develop and extend your knowledge of business-related management methods

Meanwhile, your strengths in English language and linguistics provide deeper insights into the use of language across different domains



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undergraduate/english-and-international-business](http://www.xjtlu.edu.cn/en/find-a-programme/undergraduate/english-and-international-business)

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:

ENGLISH LANGUAGE AND STUDY SKILLS III FOR BUSINESS (EAP113)

INTRODUCTION TO LINGUISTICS (ENG103)

ECONOMIC PRINCIPLES FOR BUSINESS AND MARKETS (ECO104)

FUNDAMENTALS OF MARKETING (MAN101)

MANAGING ACROSS BORDER (MAN107)

FOUNDATIONS OF FINANCE (ACF104)

Elective modules:

SOUNDS OF ENGLISH (ENG101)

INTRODUCTION TO CLOSE READING: APPROACHES TO LITERARY STUDY (ENG105)

LITERATURE IN CONTEXT (ENG106)

INTRODUCTION TO CORPUS LINGUISTICS (ENG114)

ENGLISH AS A GLOBAL LANGUAGE (ENG115)

SYNTAX (ENG116)

LITERARY THEORY (ENG118)

YEAR THREE

Compulsory modules:

CORPORATE SOCIAL RESPONSIBILITY (MAN201)

INTERNATIONAL MANAGEMENT (MAN211)

INTERNATIONAL DEVELOPMENT (MAN212)

SECURITIES MARKET (ACF222)

Elective modules:

ADVERTISING AND THE MEDIA (ENG201)

TRANSLATION (ENG203)

INTERPRETING (ENG204)

LITERATURE OF ENLIGHTENMENT (ENG207)

TECHNICAL TRANSLATION (ENG210)

POSTCOLONIAL LITERATURE (ENG212)

JANE AUSTEN (ENG214)

LANGUAGE AND SOCIETY (ENG215)

BILINGUALISM (ENG216)

LITERATURE AND GENDER (ENG217)

LANGUAGE AND GENDER (ENG218)

SEMANTICS AND PRAGMATICS (ENG219)

LANGUAGE AND MIND (ENG220)

KNOWLEDGE AND SKILLS

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

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

YEAR FOUR

Compulsory modules:

SERVICES MARKETING (MAN224)

INTERNATIONAL MARKETING (MAN305)

STRATEGIC MANAGEMENT AND BUSINESS POLICY (MAN314)

Elective modules:

ANALYSING TEXT (ENG301)

INTERPERSONAL COMMUNICATION IN THE WORKPLACE (ENG302)

LANGUAGE AND LITERATURE (ENG304)

CONFERENCE INTERPRETING (ENG307)

ADVANCED LITERATURE: APPROACHES TO MODERN POETRY (ENG310)

ADVANCED LITERATURE - BRITISH ROMANTICISM (ENG311)

LANGUAGE OF THE LAW (ENG312)

INTERCULTURAL COMMUNICATION (ENG314)

TECHNOCULTURE (ENG315)

CHINESE LINGUISTICS (ENG317)

APPLIED LINGUISTICS (ENG318)

THE GOTHIC (ENG322)

POSTMODERN LITERATURE (ENG324)

HISTORICAL LINGUISTICS (ENG325)

FINAL YEAR PROJECT (ENG305 OR MAN303)

CAREERS

You will acquire intellectual, interpersonal and technical skills, in addition to strong language skills, which are highly valued by employers. BA English and International Business graduates typically pursue administrative and managerial positions in industry, business, the financial sector, local government and the civil service.

You may also be able to pursue a career as a professional translator or interpreter. Additionally, the programme provides a foundation for further graduate level study in the subjects of English language and international business.

XJTLU 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. The School relies on the advantage of international art education and the resource of Gold Finance film and television industrial chain. 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-art facilities support both students in the practical application of the skills they learn and academic staff in their research work.



BA

COMMUNICATION

STUDIES

BA COMMUNICATION STUDIES

From films to internet technologies, media is everywhere in China. If we are to understand our world, we must understand media and its role in communication. You have a real chance to engage critically with these crucial issues and communicate with the world, making it a better place.

Have you ever read something on the internet and wondered, 'why do they say that?'. Have you ever watched a film and felt like commenting on it? If you want to change the way people think by engaging critically with them on a local and global scale, then this is the programme for you.

BA Communication Studies is a thought-provoking programme. Newspapers, magazines, television, radio, cinema and internet technologies are all subject to intense scrutiny. You will learn how they are structured and managed, the thinking behind the communication and how global these phenomena are.

DISTINCTIVE FEATURES

- Student magazine where you can gain valuable experience
- Student film club with international films which you can help to run
- Practical opportunities to learn the basics of creating media content
- Cinema for screenings from 2019
- Ability to study abroad in Liverpool after two years at XJTLU
- International staff with prominent scholarly publications
- Industry guest speakers
- Major final year project allowing you to pursue your interests
- Opportunities for work experience
- Collaborative, teamwork-focused ethos
- Accredited by Chinese Ministry of Education and University of Liverpool

KNOWLEDGE AND SKILLS

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

- Be fully aware of your creative and critical potential, with the ability to take your knowledge, specialist skills and understanding into the world of work
- Understand the principal concepts of communication theory, and how these can be used to understand the media
- Appreciate the interdisciplinary, all-pervasive nature of media and communication
- Comprehend the principles of digital media communication and apply them to your understanding of the world
- Be aware of the ethical parameters of traditional and new media forms of communication
- Develop an understanding of journalism and practical journalistic skills
- Be able to operate critically and creatively in an international environment, through an understanding of the differences and similarities in the attitudes and values that permeate media in China and the rest of the world
- Be able to employ a range of persuasive devices as you argue for your point of view
- Be able to carry out a substantial piece of independent research

CAREERS

The career prospects for students studying Communication Studies are varied and fit for a modern world. Typically you will work in media and communication departments in almost any company, or you will work in media outlets. This programme aims to produce elite thinkers and opinion makers for the 21st century.

Prospective careers include:

- Copywriters in media organisations
- Print journalists
- Broadcast journalists
- Content creatives for web and social media platforms
- Advertising creatives
- Media and communication executives in diverse companies
- Public relations professionals
- Research-oriented jobs
- Digital media entrepreneurs

MODULES

YEAR ONE

This is the year you enter XJTLU. If you are a Chinese student you will spend most of this year improving your English language skills so that you have the ability to cope with complex thoughts that you will encounter in English, the medium of instruction. If you are an international student, you will immerse yourself in Chinese culture and language so that you can live and function successfully in China. Both Chinese and international students will also be introduced to notions of creativity and communication skills and what such a creative journey might entail.

UK degrees are three years in duration 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, start in Year One, which provides you with a range of interesting modules, language classes and core skills for your degree.

YEAR TWO

You will be introduced to a range of areas that traditionally comprise Communication Studies so that you can learn new and different skills of understanding and analysis. These will form part of your critical repertory as you move forward through your degree. The areas will introduce you to ways of analysing communication, a study of both old and new media theories, and the theory and practice of journalism and media ethics. These encounters with the theoretical concepts that underpin media and communication studies will help you to critically examine any media that you come across.

YEAR THREE

If Year Two was the year where you gained basic theoretical concepts, Year Three is all about helping you to develop your critical, analytical instincts in a more focused manner. Typically, you will continue your pursuits with additions in research methodology, differences in media and communications in China and the rest of the world, and the global nature of communication studies. You will be introduced to media practice so that you understand the nature of content creation.

YEAR FOUR

This is the most important year of your undergraduate study. You will use everything you have studied and practiced so far to produce a major independent piece of research. This will be your calling-card either into the world of work or for further postgraduate studies. Additionally, you will pursue your interests in critique and analysis by continually engaging with theoretical debates that sharpen our understanding of the role of media and communication in the world.



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GENERAL ENQUIRIES

international@xjtlu.edu.cn (International, HK, Macao & Taiwan)
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[www.xjtlu.edu.cn/en/find-a-programme/
undergraduate/communication-studies](http://www.xjtlu.edu.cn/en/find-a-programme/undergraduate/communication-studies)

BA

DIGITAL

MEDIA ARTS

BA DIGITAL MEDIA ARTS

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

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

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 photography, graphic design, animation 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.

DISTINCTIVE FEATURES

- Cutting-edge, technology-driven curriculum
- From 2019, learn in new state-of-the-art facilities, including a Motion Capture rig, green screen and VFX facilities
- A fully functional digital media lab on campus
- International industry software
- International staff with industry expertise
- Industry guest speakers
- Project-based, with the possibility of undertaking live projects
- Opportunities for work experience
- Collaborative, teamwork-based ethos



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APPLY

www.xjtlu.edu.cn/en/find-a-programme/undergraduate/digital-media-arts

KNOWLEDGE AND SKILLS

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

- be fully aware 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
- have an informed, creative and critical approach both to understanding digital media, culture and communications in contemporary society, and to your own forms of media, communicative and expressive practice
- understand production processes and professional practices within digital media, cultural and creative industries
- have informed competency in the management and operation of production technologies, procedures and processes
- be able to engage with, and to advance creative processes in one or more forms of digital media or cultural production
- have the ability to work across a variety of group and independent modes of study, and within these demonstrate flexibility, creativity and the capacity for critical self-reflection
- have analytic skills within areas of both theory and practice
- have critical and creative independence, flexibility, sensitivity to audience, and self-reflexivity across individual and group work
- be able to meet the challenges of employment, including self-employment, in a society in which the cultural and creative industries play an increasingly central role, while understanding that employability requires the development of your creative, intellectual, analytical and research skills

CAREERS

The career prospects for students studying Digital Media Arts are modern and varied. Typically you will work in either a large media company, or you will be entrepreneurial and start up a company of your own. This programme aims to produce elite practitioners in the digital media world.

Some prospective careers include:

- Multimedia design
- Web design
- Content creatives for web
- Post production editor
- 2D/ 3D Animator
- Concept designer
- VFX artist
- Digital Media Entrepreneur

MODULES

YEAR ONE

This is the year you enter XJTLU. If you are a Chinese student you will spend most of this year improving your English language skills so that you have the ability to cope with complex thoughts that you will encounter in English, the medium of instruction. If you are an international student, you will immerse yourself in Chinese culture and language so that you can live and function in China. Both Chinese and international students will also be introduced to notions of creativity and communication skills and what such a creative journey might entail.

UK degrees are three years in duration 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 be introduced to a range of areas that comprise Digital Media Arts so that you can learn new and different skills. These will form part of your creative repertory as you move forward through your degree. Typically, the areas include introduction to visual thinking, photography, graphic design, video production and editing so that you can learn the basic skills that will help you progress. You will also encounter theoretical concepts that have shaped the creative industries, without which you do not have the tools to think through problems effectively.

YEAR THREE

If Year Two was the year where you learnt basic skills, Year Three is all about helping you to develop your creative instincts in a more focused manner. Typically, you will continue your pursuits with additions in animation, VFX, high-end editing and post-production as well as in computer-based design technologies. You will learn to collaborate with your peers; together you will work on creative media projects. You will learn to critically reflect on your practice, using media theories to understand and justify your practice.

YEAR FOUR

This is the most important year of your undergraduate study. You will use everything you have studied and practiced so far to produce industry-ready projects. You will create a major project which will be your calling card to industry or you can use it to apply to a masters programme. You will also work on a prototype idea that you can pitch to industry. Alongside these, you will be expected to carry out an individual piece of research in your chosen subject area, so you can prove your expertise to the outside world, not just through your creative practice but by demonstrating your ability to think clearly and innovatively.

BA

FILM AND

TELEVISION

PRODUCTION

BA FILM AND TELEVISION PRODUCTION

Film and television production are significant developing industries in China, with increasing emphasis on international collaborations. And you have a real chance to be part of this.

Have you ever wanted to create drama and documentaries to communicate your innermost creative thoughts to a vast, worldwide audience? If you want to wow the world with your storytelling ability where the audience is always waiting for the next episode from you, then this is your programme.

Film and Television Production is an intense, practice-based, creative programme where you will produce innovative media content. Your practice will include documentary and fiction, the craft of storytelling, the art of cinematography, sound design and editing.

You will also be required to have an enquiring mind which understands audiences and future media trends. You should be prepared to work in local, national and international media industries because that is where your future lies.

DISTINCTIVE FEATURES

- Cutting-edge studios with multi-camera set-ups
- New, state-of-the-art facilities from 2019
- Current location filming equipment
- Fully functional digital media lab
- Study project management and other international industry software
- Cinema for student project screenings from 2019
- International, award-winning staff with industry expertise
- Industry guest speakers
- Project-based, with the possibility of working on live projects
- Opportunities for work experience
- Collaborative, teamwork-based ethos

KNOWLEDGE AND SKILLS

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

- be fully aware of your creative potential as a content creator, with the ability to take your knowledge, your specialist skills and your understanding into the world of work
- have specialist skills in film and television production
- possess specific knowledge of production techniques, research and routines/processes within the media industries
- have specific knowledge of, as well as advanced, specialist skills in professional practices, contexts and research processes within the broadcast television, digital video and film production industries
- have a high level of communication skills in the presentation of creative, critical and professional work
- be capable of independent and questioning work in the areas of broadcast television, digital video and film production
- be able to produce work that is informed by, and contextualised within relevant theoretical issues and debates
- be able to reflect, evaluate and present creative and professional work both individually and as a member of a team

CAREERS

The career prospects for students studying Film and Television Production are modern and varied. Typically you will work in either a large media company, or you will be entrepreneurial and start up a company of your own. This programme aims to produce elite practitioners for the 21st century.

Some prospective careers include:

- Producers
- Directors
- Writers
- Content creatives for web and social media platforms
- Cinematographers
- Sound designers
- Post production editors
- Advertising Creatives
- Digital Media Entrepreneurs

MODULES

YEAR ONE

This is the year you enter XJTLU. If you are a Chinese student you will spend most of this year improving your English language skills so that you have the ability to cope with complex thoughts that you will encounter in English, the medium of instruction. If you are an international student, you will immerse yourself in Chinese culture and language so that you can live and function in China. Both Chinese and international students will also be introduced to notions of creativity and communication skills and what such a creative journey might entail.

UK degrees are three years in duration 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, start in Year One, which provides you with a range of interesting modules, language classes and core skills for your degree.

YEAR TWO

You will be introduced to a range of areas that comprise Film and TV Production so that you can learn new and different skills. These will form part of your creative repertory as you move forward through your degree. Typically, the areas include introduction to media production, creation of content in studio settings, screenwriting, an introduction to journalistic practices, shooting, recording sound, editing, and post production techniques, ensuring you learn the basic skills that will help you progress. You will also encounter theoretical concepts that have shaped the creative industries, particularly film and television, without which you do not have the tools to think through problems effectively.

YEAR THREE

If Year Two was the year where you learnt basic skills, Year Three is all about helping you to develop your creative instincts in a more focused manner. Typically, you will continue your pursuits with additions in experimental film, documentary production, drama creation as well as in project-based creative output. You will learn to collaborate with your peers; working together on creative media projects. You will learn to critically reflect on your practice, using media theories to understand and justify your practice.

YEAR FOUR

This is the most important year of your undergraduate study. You will use everything you have studied and practiced so far to produce industry-ready projects. You will create a major project which will be your calling-card to industry or you can use it to apply to a masters programme. You will also work on a prototype idea that you can pitch to industry. Alongside these, you will be expected to carry out an individual piece of research in your chosen subject area, so you can prove your expertise to the outside world, not just through your creative practice but by demonstrating your ability to think clearly and innovatively.



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[www.xjtlu.edu.cn/en/find-a-programme/
undergraduate/film-and-television-production](http://www.xjtlu.edu.cn/en/find-a-programme/undergraduate/film-and-television-production)

BA

FILMMAKING



BA FILM FILMMAKING

Watching films online and in cinemas 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, 'wow! I want to tell stories like that!?' Have you ever wanted to work on real film productions with real movie stars? If you have ever had the passion to communicate on the big screen, then this programme is for you.

Filmmaking is an intensely collaborative, practice-based programme that acts as a one-stop shop for learning all aspects of filmmaking. 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.

You will require passion and commitment because this is not a 9 to 5 job. You will also need an enquiring mind which understands audiences.

DISTINCTIVE FEATURES

- Learn in a purpose-built, state-of-the-art film school building operational from 2019
- Access to high-end cameras widely used in industry and industry standard professional location equipment
- Learn in a fully functional digital media lab, and from 2019 a cutting-edge studio and sound stage
- Study project management and other international industry software
- Cinema for student project screenings from 2019
- International, award-winning staff with industry expertise
- Industry guest speakers and the potential for industry pitching sessions
- Project-based programme, with the possibility of working on live projects
- Opportunity to undertake work experience
- Collaborative, interdisciplinary programme with an emphasis on teamwork

KNOWLEDGE AND SKILLS

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

- Be fully aware of your creative potential as a content creator, with the ability to take your knowledge, specialist skills and understanding into the world of work
- Be able to demonstrate advanced and specialist skills in filmmaking
- Use theoretical understanding to inform practice and practice to inform theory
- Have detailed specific knowledge(s) of production techniques, research and routines/processes within the relevant film departments
- Be capable of independent work and questioning in the area of film production
- Take responsibility for managing and evaluating your own learning
- Have keen critical thinking and high levels of reflection that will enable you to find your place in industry
- Foster the creative attitudes and skills needed for collaborative learning in and through practice
- Have entrepreneurial skills and think like an entrepreneur in marketing yourself and your projects

CAREERS

The career prospects for students studying Filmmaking are varied and fit for modern times. Typically you will work in either a large media company, or you will be entrepreneurial and start up a company of your own. Most importantly, you will think of yourself as a creative entrepreneur, as this programme aims to produce elite practitioners equipped for the 21st century.

Some prospective careers include:

- Producers
- Directors
- Screen writers
- Content creatives for web and social media platforms
- Cinematographers
- Sound designers
- Post-production editors
- Advertising creatives
- Digital media entrepreneurs

MODULES

YEAR ONE

This is the year you enter XJTLU. If you are a Chinese student you will spend most of this year improving your English language skills so that you have the ability to cope with the complex thoughts that you will encounter in English, the medium of instruction. If you are an international student, you will immerse yourself in Chinese culture and language so that you can live and function in China. Both Chinese and international students will also be introduced to notions of creativity and communication skills and what such a creative journey might entail.

UK degrees are three years in duration 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 be introduced to a range of areas that comprise Film and TV Production so that you can learn new and different skills. These will form part of your creative repertory as you move forward through your degree. Typically, the areas include production, directing, screenwriting, camera use and lighting for scenes, location sound, post-production, documentary and fiction filmmaking. Much of this work will be project-based, encouraging your participation in teamwork. You will also encounter theoretical concepts that have shaped the creative industries, particularly film and television, without which you will not have the tools to think through problems effectively.

YEAR THREE

If Year Two was the year where you learnt basic skills, Year Three is all about helping you to develop your creative instincts in a more focused manner. Typically, you will begin to concentrate on one of the craft skills that makes up the specialist knowledge needed for film production while also continuing to work with your peers on documentary, fiction, experimental and adaptation projects. You will learn to critically reflect on your practice, using film and media theories to understand and justify your practice.

YEAR FOUR

This is the most important year of your undergraduate study. You will use everything you have studied and practiced so far to produce industry-ready projects. You will create a major project which will be your calling card to industry or you can use it to apply to a masters programme. You will also work on a prototype idea that you can pitch to industry. Alongside these, you will be expected to carry out an individual piece of research in your chosen subject area, so you can prove your expertise to the outside world, not just through your creative practice but by demonstrating your ability to think clearly and innovatively.



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GENERAL ENQUIRIES

international@xjtlu.edu.cn (International, HK, Macao & Taiwan)
admissions@xjtlu.edu.cn (Chinese nationals)

APPLY

www.xjtlu.edu.cn/en/find-a-programme/undergraduate/filmmaking

DEPARTMENT OF INDUSTRIAL DESIGN

The Department of Industrial Design focusses on user-centred product and systems design for society in response to social, cultural and technical needs. The department educates a new generation of industrial and product designers who are able to understand and participate in China's ongoing social, cultural and economic transformation by achieving a balance of creative and technical knowledge and competencies.

Our programme focusses on the principles of new product development including aesthetic sensitivity, human-oriented responsibility, technological and engineering competence, user research as well as social, cultural, and economic awareness. Examples of possible design challenges include consumer electronics, appliances, vehicles and transportation devices, interactive services, systems design, household goods, medical devices, toys, accessories, and packaging.



BEng

INDUSTRIAL

DESIGN

BEng INDUSTRIAL DESIGN

China's economy is changing rapidly from a manufacturing-intensive model to an innovation-intensive one. Industrial design education plays a vital role in the establishment of a pool of innovative talent to facilitate this process.

The BEng Industrial Design programme is highly internationalised and is delivered using the best practices and latest development trends in this area. As an interdisciplinary programme it integrates engineering, anthropology, and aesthetics, as well as a variety of professional skills in design visualisation. Students also have the opportunity to contact local and multinational enterprises and obtain real-world design experience.

The BEng Industrial Design programme seeks to educate a new generation of industrial and product designers with a balance of synthetic and analytic knowledge and competencies, from both engineering and the humanities. It takes a studio-centered and interdisciplinary approach and has an international perspective in which students are educated to bridge cultural differences between China and other countries around the world.



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APPLY
www.xjtlu.edu.cn/en/find-a-programme/undergraduate/industrial-design

DISTINCTIVE FEATURES

- Design is presented as a coherent academic discipline and career choice that provides a foundation for students to map from clearly articulated user needs to well-justified and well-developed solutions
- Students have the opportunity to participate in collaborative projects and/or internship opportunities at a wide variety of national and multinational companies that use industrial design
- XJTLU is located in one of China's most multicultural cities, which provides a unique perspective on industrial design and its intercultural flexibility
- 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.

KNOWLEDGE AND SKILLS

By studying BEng Industrial Design you will gain a strong understanding of:

- technological methods and creative skills in the development and production of products, consumer goods, interactive products and services
 - social, cultural and historical aspects that influence the design of products and services
 - cross-cultural aspects of designing for Chinese and other contexts.
- Skills you will acquire include:
- creative, innovative and rational thinking
 - user research, visualisation and model-making
 - designing material products and interactive services
 - presenting and documenting design development processes.

CAREERS

BEng Industrial Design graduates have excellent career opportunities. The Chinese economy is rapidly transforming from 'made in China' to 'created in China', which means there is a growing demand for industrial designers working in design and research and development departments of multinational enterprises or as design consultants and freelance designers.

Suzhou and the surrounding cities are home to many international and Chinese companies, some of which you will get to know during your studies. Because of the cross-cultural focus of the programme, our graduates are well-positioned to work internationally.

Many graduates also pursue further postgraduate education or other professional careers that emphasise conceptual thinking, excellent 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

COMPUTER AIDED DESIGN AND MODELLING (3D) (IND112)

HISTORY OF INDUSTRIAL DESIGN (IND114)

DESIGN COMMUNICATION (IND116)

DIFFERENTIAL EQUATIONS FOR ENGINEERS (MTH123)

STATICS AND SOLIDS (IND109)

MATERIALS FOR DESIGN (IND108)

FLUID MECHANICS AND THERMODYNAMICS (IND106)

ENGLISH LANGUAGE AND STUDY SKILLS III FOR HUMANITIES AND SOCIAL SCIENCES (EAP113)

STUDIO I: HUMAN NEEDS - SCALES AND PROPORTIONS (IND101)

INTRODUCTION TO HUMAN-COMPUTER INTERACTION (IND118)

YEAR THREE

ERGONOMICS (IND213)

USER-FOCUSED RESEARCH (IND210)

ELECTRONICS IN DESIGN APPLICATIONS (IND211)

DESIGN FOR MANUFACTURABILITY (IND212)

PRODUCT SEMANTICS AND AESTHETICS (IND208)

CREATIVITY, METHODS, AND THEORY (IND207)

STUDIO II: CONCEPT GENERATION AND INTERACTION (IND209)

STUDIO III: INDUSTRY COLLABORATION (IND206)

YEAR FOUR

ROBUST DESIGN (IND313)

PROFESSIONAL PRACTICE (IND311)

SUSTAINABLE DESIGN (IND302)

SERVICE DESIGN (IND310)

DESIGN STRATEGY AND ETHICS (IND08)

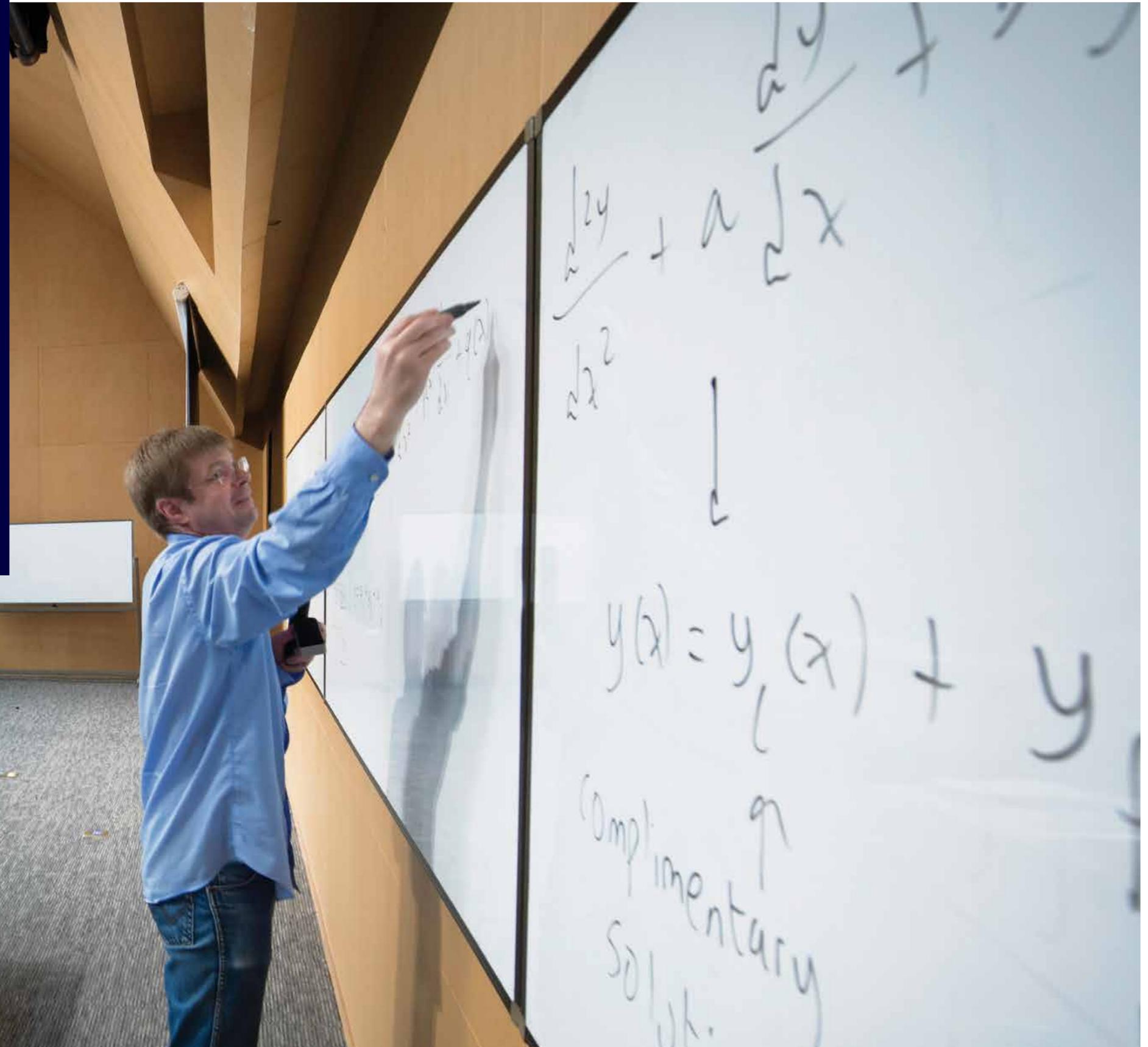
CULTURE AND THEORY (IND305)

FINAL YEAR PROJECT (IND307).

DEPARTMENT OF MATHEMATICAL SCIENCES

Our department has a reputation for student achievement and success. Our academic staff are internationally recognised for their high-quality research in a number of areas of modern mathematics. The department is strongly committed to excellence in research and teaching with mathematical and computational sciences among the major research strengths of XJTLU.

The study of mathematics goes well beyond the improvement of a student's numeracy skills. It emphasises the development of strong analytical decision-making, modelling, and forward-thinking skills as well as the importance of logical reasoning. Such skills are essential in many domains and are extremely sought-after. For this reason, a degree in mathematics is held in high-esteem in many other professional fields and provides the opportunity to pursue a multitude of careers.



BSc

ACTUARIAL SCIENCE

BSc ACTUARIAL SCIENCE

The BSc Actuarial Science programme is designed for students who are keen on solving real world problems involving risk and uncertainty using mathematical tools. You will learn how to predict future uncertainty, and to analyse and evaluate potential risks.

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

DISTINCTIVE FEATURES

- You will be trained and prepared for the professional actuarial exams required for international certification and licensing
- XJTLU's location in Suzhou, close to China's financial centre Shanghai, provides you with the opportunity to undertake internships and work placements at Fortune 500 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
- Actuarial programmes at the University of Liverpool have accreditation from the Institute and Faculty of Actuaries, the professional body for actuaries in the UK



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international@xjtlu.edu.cn (International, HK, Macao & Taiwan)
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APPLY
www.xjtlu.edu.cn/en/find-a-programme/undergraduate/actuarial-science

KNOWLEDGE AND SKILLS

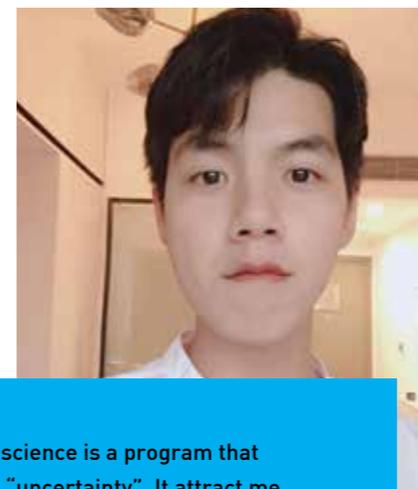
By the time you graduate from BSc Actuarial Science, you will:

- understand key areas and skills of actuarial sciences
- have a thorough understanding of mathematics, probability and statistics
- be able to analyse risk in real-world situations

CAREERS

Graduates are usually employed as actuaries. They work for the insurance industry to calculate costs and determine the premiums. Actuaries also work for banks to develop derivative products, manage risk and forecast the future. Actuaries provide services for governments and oversee public companies to ensure compliance with regulatory laws.

In recent years, there has been an increasing trend to recognise actuarial skills that can be applied to a range of roles outside the traditional fields of insurance, such as agriculture and weather forecasting.



"Actuarial science is a program that handle the "uncertainty". It attract me because I want to learn modules in the subjects of statistics, economics, finance and insurance. In the actuarial science programme, I have chance to study statistics, probability, mathematical modeling and other techniques to analyze and provide solution to complex business problems. I think actuarial science programme can not only propel you to become a professional actuary but also offers you a sound professional foundation in the career path of insurance, finance and investment."

GUANHUA LAI
STUDENT
BSc ACTUARIAL SCIENCE

MODULES

YEAR ONE

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YEAR TWO

Compulsory modules:

THEORY OF INTEREST

INTRODUCTION TO FINANCIAL ACCOUNTING

PRINCIPLES OF MICROECONOMICS

FOUNDATIONS OF FINANCIAL COMPUTING

INTRODUCTION TO PROBABILITY AND STATISTICS

PRINCIPLES OF MACROECONOMICS

INTRODUCTION TO FINANCE

Elective modules:

ADVANCED LINEAR ALGEBRA

ANALYSIS I

YEAR THREE

Compulsory modules:

LIFE INSURANCE MATHEMATICS I

SAMPLING AND HYPOTHESIS TESTING

MATHEMATICAL RISK THEORY

STATISTICAL DISTRIBUTION THEORY

INTRODUCTION TO FINANCIAL MATHEMATICS

LIFE INSURANCE MATHEMATICS II

Elective modules:

ECONOMETRICS I

FINANCIAL REPORTING I

SECURITY MARKET

MACROECONOMICS II.

YEAR FOUR

Compulsory modules:

CREDIBILITY THEORY

LOSS DISTRIBUTION

LINEAR STATISTICAL MODELS

STOCHASTIC MODELLING IN INSURANCE AND FINANCE

APPLIED PROBABILITY

FINAL YEAR PROJECT

Elective modules:

ECONOMETRICS OF TIME SERIES

INTERNATIONAL TRADE

BSc

APPLIED

MATHEMATICS

BSc APPLIED MATHEMATICS

Mathematics underpins much of the modern world and is fundamental to science, technology and the world of business and finance. In the BSc Applied Mathematics programme you will study a core of essential mathematical topics and mathematical modelling techniques and be introduced to a varied range of applications. A selection of optional modules allows you to follow your individual interests and career plans.

By studying mathematics you will develop strong analytical skills, problem-solving abilities and an appreciation of the importance of logical reasoning. You will also develop computational skills and learn how mathematical modelling can be used to help analyse real-world problems. These skills are essential in many industries and are highly sought-after by employers.

KNOWLEDGE AND SKILLS

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

- have a secure understanding of core areas of mathematics: analysis, linear algebra, differential equations and statistics
- be able to reason clearly and critically, and construct mathematical arguments
- know how to analyse a mathematical problem and select appropriate mathematical tools to solve it
- be able to construct and assess mathematical models for real-world problems
- have the ability to communicate mathematical information, ideas, problems and solutions in English to both specialist and non-specialist audiences.



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APPLY

www.xjtlu.edu.cn/en/find-a-programme/undergraduate/applied-mathematics

DISTINCTIVE FEATURES

- You will join a vibrant learning environment of around 700 undergraduate students and expert staff from around the world.
- The flexible programme allows you to choose modules from different application areas of mathematics, including finance, operational research and physics.
- The Visiting Study Abroad Programme gives you the opportunity to study in the USA during Year Three at the prestigious Michigan State University.
- XJTLU's location in the Suzhou Industrial Park provides you with the opportunity to undertake internships at a variety of financial and technological institutions and multinational companies.

CAREERS

An applied mathematics degree gives you access to a wide range of rewarding career paths. Graduates are highly sought-after 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 students choose to continue their studies at postgraduate level. Popular choices of masters programme include applied mathematics, pure mathematics, financial mathematics, industrial mathematics, mathematical modelling, actuarial science, financial engineering and statistics. An increasing number of graduates are enrolled for further studies at renowned universities abroad such as Columbia 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

ADVANCED LINEAR ALGEBRA (MTH107)

ANALYSIS I (MTH117)

INTRODUCTION TO PROBABILITY AND STATISTICS (MTH113)

INTRODUCTION TO PROGRAMMING IN JAVA (CSE105)

ANALYSIS II (MTH118)

INTRODUCTION TO ABSTRACT ALGEBRA (MTH122)

INTRODUCTION TO THE METHODS OF APPLIED MATHEMATICS (MTH106)

DYNAMIC MODELLING (MTH108).

YEAR THREE

Compulsory modules:

COMPLEX FUNCTIONS (MTH219)

ORDINARY DIFFERENTIAL EQUATIONS AND CONTROL (MTH212)

FLUID MECHANICS AND VECTOR FIELD THEORY (MTH207)

STATISTICAL DISTRIBUTION THEORY (MTH206)

NUMERICAL ANALYSIS (MTH208)

PARTIAL DIFFERENTIAL EQUATIONS (MTH210)

Elective modules:

INTRODUCTION TO FINANCIAL MATHEMATICS (MTH202)

INTRODUCTION TO OPERATIONAL RESEARCH (MTH203)

CLASSICAL MECHANICS (MTH209)

METRIC SPACES (MTH224).

YEAR FOUR

Core modules:

FINAL YEAR PROJECT (MTH301)

POPULATION DYNAMICS (MTH307)

Elective modules:

APPLIED PROBABILITY (MTH302)

RISK MANAGEMENT (MTH305)

FUNCTIONAL ANALYSIS (MTH310)

GEOMETRY OF CURVES AND SURFACES (MTH315)

OPTIMISATION THEORY (MTH318)

MATHEMATICAL MODELS OF SOLIDS AND FLUIDS (MTH308)

QUANTUM MECHANICS (MTH311)

RELATIVITY (MTH304).

BSc

FINANCIAL

MATHEMATICS

BSc FINANCIAL MATHEMATICS

The MSc Financial Mathematics programme provides you with advanced analytical training, quantitative knowledge and the practical skill sets required by modern financial institutions. It aims to equip you with a solid education in financial analysis, risk management and financial engineering for a successful career in the finance and banking industries. It is heavily weighted towards advanced mathematics and programming modules designed with practical applications in mathematical and quantitative finance.

Graduates of this programme, as with all XJTLU masters degrees, earn a University of Liverpool degree that is recognised by the Chinese Ministry of Education.

DISTINCTIVE FEATURES

The programme keeps a balance between theoretical and practical knowledge which is crucial for a successful career in the financial industry. Upon successful completion of the programme the students gain important skills in computational and theoretical aspects of finance. They will have extensive experience in working with financial data and with terminals such as the Wind Financial Terminal that provides data on the Chinese market.

Through our industry network and connections we support the students' career development via internship opportunities and organise various events to improve networking activities with the financial industry. Overall, given the career prospects and skills acquired the programme offers an excellent and unique opportunity for successful candidates.



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international@xjtlu.edu.cn (International, HK, Macao & Taiwan)
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APPLY
www.xjtlu.edu.cn/en/find-a-programme/undergraduate/financial-mathematics

CAREERS

BSc Financial Mathematics graduates with quantitative skills are in high demand and typically pursue careers in finance, insurance or banking. The programme also provides a strong basis for postgraduate study in the field of mathematics or finance.

KNOWLEDGE AND SKILLS

The MSc Financial Mathematics programme will equip you with:

- intellectual skills and theoretical understanding appropriate for the study of financial mathematics and quantitative analysis at postgraduate level
- practical mathematics and object-oriented programming skills linking finance theories to real-world application
- skills in research, evaluation and analysis and the quantitative techniques to evaluate and interpret complex data and research literature
- skills and abilities to devise, plan and undertake complex research projects in the field of financial mathematics.

MODULES

Core modules:

COMPUTATIONAL METHODS IN FINANCE I
INTRODUCTION TO PRICING AND HEDGING
FINANCIAL ECONOMETRICS
FIXED INCOME SECURITIES
STATISTICAL METHODS IN FINANCE
ARBITRAGE, EQUILIBRIUM AND PRICING
DISSERTATION.

Elective modules:

PORTFOLIO THEORY AND RISK MANAGEMENT
COMPUTATIONAL METHODS IN FINANCE II
ADVANCED FINANCIAL RISK MANAGEMENT.



MATHEMATICAL
SCIENCES STAFF

DEPARTMENT OF HEALTH AND ENVIRONMENTAL SCIENCES

The Department of Health and Environmental Sciences combines distinctive disciplinary approaches to understand and solve some of the most critical challenges faced by society today.

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

Our research is brought directly into the classroom, providing a learning and teaching experience that combines theory with the most current knowledge in public health and environmental science.



BSc

ENVIRONMENTAL

SCIENCE

BSc ENVIRONMENTAL SCIENCE

Our BSc Environmental Science programme is XJTLU's foundational environmental degree, enabling you to learn the science behind the Earth's amazing complexity and its environmental processes. This will help prepare you to take a role in improving the future of our planet. Our staff include research experts and environmental practitioners who will share with you their practical and theoretical insights so that you emerge from your degree with an understanding of how to measure, evaluate and make decisions about environmental issues.

We have specialised teams working in the areas of: biogeochemistry and environmental chemistry; soil, plant and invertebrate ecology; and physical geography and geomorphology. From day one of your degree you will take a hands-on approach to the collection and analysis of environmental data in the field and laboratory. You will have the opportunity to learn sophisticated laboratory techniques and data analysis, such as the utilisation of Geographical Information Systems. You will have the opportunity to work and learn in inspiring places where you will gain practical field experience.

Our programme will expand your worldview and enable you to learn about Earth system processes at a range of scales, from local and regional to national and global. You'll engage with issues relating to major world problems such as biodiversity loss, climate change, and disruption of the earth's chemical cycles on which we depend to live. You will uncover the complexities in environmental decision making and discover ways to engage in environmental management. Throughout the programme you will develop a wide range of practical skills to increase your employability.

Our programme encourages you to pursue your interests and shape your ambitions. Our degree offers you meaningful opportunities to develop research, or to gain insights from industry leaders in the environmental private sector and non-governmental organisations through our department's Development Advisory Board, a panel of distinguished environmental professions from China and overseas. You will also have the opportunity to engage with other important professionals and their organisations through field trips that are embedded in modules and work placement opportunities offered or recommended by our department.

KNOWLEDGE AND SKILLS

The aims of our programme are to help you to:

- become an internationally prepared environmental science professional with problem-solving competencies across the major programme focus areas of ecological, geophysical, and chemical system's variability on regional and global scales, and the influence of humans upon it
- be able to demonstrate a high degree of scientific literacy, including an understanding of how scientific knowledge is constructed in our programme focus areas, a firm grasp of fundamental and applied scientific perspectives, and a proficiency in laboratory- and field-based analysis
- approach environmental science from a research-led, interdisciplinary, and integrated systems perspective that incorporates the increasing complexity of regional and global issues within a life-long learning philosophy
- communicate in written and verbal forms such complexity and its relationship to society from a scientific perspective, promoting multicultural understanding of environmental issues and their importance to scientists and non-scientists alike

DISTINCTIVE FEATURES

- Outstanding academic staff and teaching and research platforms
- International standard curriculum that helps you to find your potential and which will increase your career competitiveness
- Focus on integration of global development with expertise in solutions to environmental problems
- Research-led teaching with emphasis on research in areas where humanity faces severe challenges

CAREERS

You will have a wide range of career options including:

- 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
- waste quality scientist

MODULES

YEAR ONE

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YEAR TWO

BIODIVERSITY (BIO101)

RESEARCH AND GEOGRAPHIC INFORMATION SYSTEMS (GIS) SKILLS (ENV101)

ECOLOGY AND CONSERVATION (ENV102)

INTRODUCTION TO PLANET EARTH (ENV104)

ENVIRONMENTAL CHEMISTRY (ENV105)

AQUATIC FIELD SKILLS (ENV106).

DYNAMIC LANDSCAPES (ENV108)

ENVIRONMENTAL POLLUTION (ENV110)

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

YEAR THREE

ENVIRONMENTAL SUSTAINABILITY (CDE201)

RESEARCH DESIGN (ENV201)

STATISTICS FOR ENVIRONMENTAL SCIENTISTS (ENV203)

SPATIAL MODELLING WITH GEOGRAPHIC INFORMATION SYSTEMS (GIS) AND REMOTE SENSING (ENV204)

ENVIRONMENTAL CHANGE: PAST, PRESENT AND FUTURE (ENV205)

ENVIRONMENTAL SCIENCE FIELD SKILLS (ENV206)

SOILS AND THE ENVIRONMENT (ENV207)

AQUATIC AND URBAN ECOLOGY (ENV208)

YEAR FOUR

FINAL YEAR PROJECT (ENV301)

ECOLOGY IN A CHANGING WORLD (ENV306)

AGRICULTURE, FOOD AND ENVIRONMENT (ENV308)

FLUVIAL SYSTEMS: FROM HEADWATERS TO THE COAST (ENV309)

ENVIRONMENTAL MANAGEMENT (ENV311)

ENVIRONMENTAL IMPACT ASSESSMENT (ENV312)

ENVIRONMENTAL REMEDIATION AND REHABILITATION FIELD CLASS (ENV313)



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[www.xjtlu.edu.cn/en/find-a-programme/
undergraduate/environmental-science](http://www.xjtlu.edu.cn/en/find-a-programme/undergraduate/environmental-science)

BSc

PUBLIC

HEALTH

BSc PUBLIC HEALTH

The health of populations is a persistent and imperative global concern. We are faced with significant population health challenges that range from rapidly growing and ageing populations to urbanisation, climate change, new patterns of disease, sustainable development, management of man-made and natural disasters, health care financing and health care reforms.

Public health is an interdisciplinary field that seeks to promote and maintain the health, safety and well-being of populations and to prevent and manage disease, disability and human suffering. The interdisciplinary BSc Public Health programme examines population health issues in China as well as in international and global contexts.

DISTINCTIVE FEATURES

- BSc Public Health is one of the most comprehensive undergraduate public health degrees in the world
- You will be taught by experienced international staff whose current research is brought directly into the classroom, providing an exceptional education experience that combines theory with the most current knowledge in public health
- Taught classes, applied coursework, field trips, projects and internships will provide you with the practical and theoretical tools that are essential to fostering the health of local and international populations
- 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



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APPLY

[www.xjtlu.edu.cn/en/find-a-programme/
undergraduate/public-health](http://www.xjtlu.edu.cn/en/find-a-programme/undergraduate/public-health)

KNOWLEDGE AND SKILLS

By studying this programme, you will:

- gain a solid foundation in the theory and application of life sciences, social sciences and medical humanities
- have the opportunity to integrate your knowledge and skills through internships with local agencies in research and health practice settings
- possess general skills in the investigation of health issues affecting populations
- achieve an understanding of the planning and management of interventions designed to improve health and well-being
- gain practical experience in the activities relevant to public health through fieldwork and data analysis

CAREERS

This programme prepares students for both domestic and international employment in the field of public health as well as for further postgraduate studies in public health and other areas of the health and social sciences. It prepares students for entry-level to mid-level positions in a broad range of health settings including public and private health-related agencies, health care facilities and hospitals, research centres, the health care industry and not-for-profit organisations.

MODULES

YEAR ONE

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YEAR TWO

BIostatistics I

SOCIETY, CULTURE AND HEALTH

APPLICATION OF EPIDEMIOLOGY

INTRODUCTION TO BIOCHEMISTRY

BIOLOGICAL BASIS OF HEALTH

NUTRITION FOR POPULATION HEALTH

STRUCTURES OF PUBLIC HEALTH

POLICY MAKING FOR HEALTH

YEAR THREE

HEALTH OF COMMUNITIES

HEALTH AND ENVIRONMENT

RESEARCH METHODS

MACRO-MICRO LEVEL FRAMEWORKS

HEALTH EDUCATION

DATA COLLECTION AND ANALYSIS

Options from:

INEQUALITY AND HEALTH

BIostatistics II

HEALTH AND DEVELOPMENT

MENTAL HEALTH

YEAR FOUR

COMMUNICABLE AND NON-COMMUNICABLE DISEASES

PLANNING HEALTH INTERVENTIONS

HEALTH CARE IN CHINA

PLANNING HEALTHY CITIES

FINAL YEAR PROJECT

Choose from the following:

HEALTH IN DISASTERS AND CRISES

PUBLIC HEALTH ACROSS LIFESPAN

GLOBAL HEALTH GOVERNANCE

SURVEILLANCE

DEPARTMENT OF URBAN PLANNING AND DESIGN

The Department of Urban Planning and Design is a dynamic and international department that combines the best of urban planning and design theory, with the specifics of practice in the rapidly urbanising Chinese environment. Owing to XJTU's unique location and education system, this department provides students one of the most fascinating urban planning environments in the world.

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



BA

URBAN

PLANNING AND

DESIGN

BA URBAN PLANNING AND DESIGN

The BA/BEng Urban Planning and Design programme offers students the opportunity to study both local and international urban and rural landscapes in a dynamic and supportive learning environment. Students will be able to equip themselves with knowledge and skills to analyse, critique and, ultimately, contribute to the sustainability of urban and rural development both in China and around the world. On completion, students will be able to work in sectors such as urban planning, urban design, city management, central and local government policy, consultancy and real estate development.

Urban planning and design students learn how to formulate strategic plans, design liveable spaces and create public places. You will consider the social, economic and environmental needs of a town or city and the impact of those on the built environment, helping companies and governments make difficult decisions on the use of land including whether to develop, what to develop and how to develop. In recent years, urban planning and design has become particularly concerned with the preservation and impact of the natural environment, for example, how we deal with the growing pollution in our cities and concerns about natural disasters like earthquakes and floods. Other concerns include the scarcity of land and how to achieve an efficient and effective use of space. The rate of development in China means that good planning is essential. The BA/BEng Urban Planning and Design programme at XJTLU is international in focus and has been designed to help students appreciate the similarities and differences between planning in China, the UK and other countries throughout the world.



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WEBSITE

GENERAL ENQUIRIES

international@xjtlu.edu.cn (International, HK, Macao & Taiwan)
admissions@xjtlu.edu.cn (Chinese nationals)

APPLY

[www.xjtlu.edu.cn/en/find-a-programme/
undergraduate/urban-planning-and-design](http://www.xjtlu.edu.cn/en/find-a-programme/undergraduate/urban-planning-and-design)

DISTINCTIVE FEATURES

- Our globally competitive, professional programme is unique in its focus on both local Chinese and international planning systems and urban design practice
- You will be offered a range of learning experiences such as interactive studios, field surveys and local and international field classes and design workshops
- The Department of Urban Planning and Design offers a supportive learning environment which encourages you to become an independent active learner and critical thinker
- Gain transferable skills that provide a platform 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.



“This programme provides a great opportunity to study urban planning with an international scope in China, the country where the most splendid urbanization process is happening. Lecturers are all from world-famous universities and dedicated to their research and teaching, while they are also kind to answer students’ questions and help undergraduate students to develop their own research interest. The programme provides me with solidified knowledge foundation for further study in planning field and has helped me receive offers from Cambridge, LSE and UCL. For all the students who desire to understand and study the logic of world from a spatial perspective, this programme is no doubt a good start for you.”

SHENGXI XIN
STUDENT

BA/BEng URBAN PLANNING AND DESIGN, CHINA

KNOWLEDGE AND SKILLS

On successful completion of the BA/BEng Urban Planning and Design programme, you will be able to demonstrate:

- knowledge and understanding of the natural, economic, socio-economic and political factors that are shaping our surroundings
- knowledge and understanding of how the built and natural environment is managed in different places around the world
- an understanding of the role, scope and limitations of contemporary town and regional planning in contributing to the management of growth and change, and the conservation of the built and natural environment
- knowledge and understanding of the legal basis for action in environment and planning and the relationship between planning and environmental issues
- an appreciation of decision-making processes that represent the views of the diverse communities who are affected by those decisions
- an ability to think clearly and critically, to reason logically and to undertake systematic research
- techniques in computing, numeracy, design and various forms of communication
- skills in teamwork to achieve prescribed tasks collectively
- the ability to reflect critically on your studies and learning

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 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

HISTORY AND PURPOSE OF PLANNING

PLANNING IN CHINA I

PLANNING IN CHINA II

PLANNING IN THE UK

CONTEMPORARY PLANNING PRACTICE IN WESTERN

EUROPE AND THE NORTH AMERICA

URBAN AND ENVIRONMENTAL ECONOMICS

SKILLS FOR PLANNING PRACTICE

NEIGHBOURHOOD PLANNING

YEAR THREE

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

ENVIRONMENTAL SUSTAINABILITY

RURAL PLANNING

SPATIAL DESIGN AND THE BUILT ENVIRONMENT I

SPATIAL DESIGN AND THE BUILT ENVIRONMENT II

PLANNING METHODOLOGY

NETWORKS AND CITIES

GEOGRAPHIC INFORMATION SYSTEMS (GIS)

PROJECTING AND MANAGING THE URBAN FUTURES

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 (SPANNING BOTH SEMESTERS)

PLANNING THEORY

PLANNING AND PROPERTY DEVELOPMENT

PLANNING LAW AND GOVERNANCE

INTERNATIONAL PLANNING

Specialisation option one: Environmental Planning
ENVIRONMENT AND PLANNING

ENVIRONMENT AND PLANNING PROJECT.

Specialisation option two: Urban Design

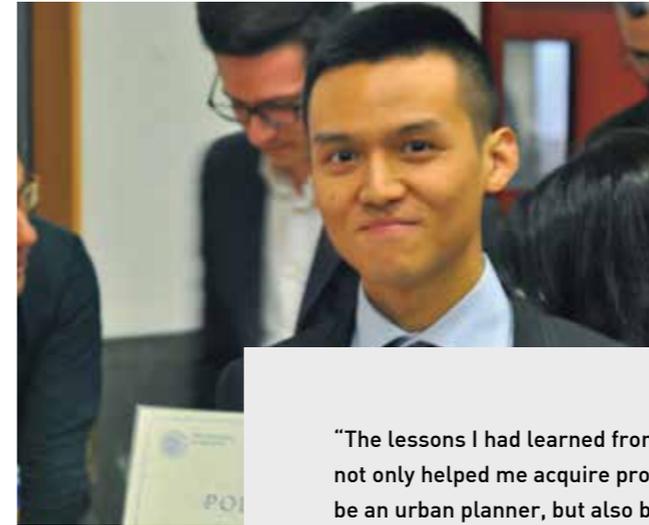
URBAN DESIGN

URBAN DESIGN PROJECT.

KNOWLEDGE AND SKILLS

There is a high demand for graduates with knowledge of urban planning and design, so you will have many different options to choose from including:

- policy planner: developing plans for the future of countries, cities and communities
- urban designer: creating attractive, safe and pleasant places in which to live, work or visit
- property developer: the right developments for the right place
- transport planner: finding sustainable transport solutions
- environmental planner: tackling the effects of climate change
- regeneration planner: bringing life to places that have become run-down
- conservation planner: helping to protect our natural resources and heritages
- community planner: engaging with people about how their communities are developed
- smart city planner: promoting future cities that incorporate the latest in new technologies



"The lessons I had learned from the urban planning and design programme not only helped me acquire professional knowledge and skills needed to be an urban planner, but also broadened my international horizons so that I can take on new challenges. The programme offers us a wide range of possibilities for future careers and helps us find our own role in China's transitioning urbanisation. Having graduated from XJTU, I gained a MA degree from Politecnico di Milano and am currently working as an assistant editor for the journal 'Built Heritage', based in Tongji University, Shanghai."

FEIRAN HUANG

ALUMNI

BA/BEng URBAN PLANNING AND DESIGN, CHINA



SUZHOU
SKYLINE

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.



BA

ACCOUNTING

BA ACCOUNTING

The BA Accounting programme involves the study of accounting, business, finance, and management. You will learn about accounting and finance within an organisational context, which will help you to understand how financial decisions are made. You will also acquire knowledge and skills in the preparation and interpretation of accounts, and develop an appreciation of the similarities and differences in practice between the UK and China.

Graduates will be able to claim up to a nine-paper exemption from the Association of Chartered Certified Accountants (ACCA), UK qualification, an eight-paper exemption from the Association of Chartered Accountants (ACA), UK qualification, a twelve-paper exemption from the Chartered Institute of Management Accountants (CIMA), UK qualification, and a six-paper exemption from the Certified Practising Accountants (CPA) Australia, Australian qualification.

CAREERS

Many accounting graduates enter the accountancy profession, but you will also be well-equipped to pursue a career in finance as a stockbroker, investment banker or insurance broker, or in the commerce industry, or in public service.



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GENERAL ENQUIRIES

international@xjtlu.edu.cn (International, HK, Macao & Taiwan)
admissions@xjtlu.edu.cn (Chinese nationals)

APPLY

www.xjtlu.edu.cn/en/find-a-programme/undergraduate/accounting

KNOWLEDGE AND SKILLS

By the time you graduate you will be able to:

- understand the technical language and practices of accounting and finance, such as financial and managerial accounting, auditing, and taxation
- record and summarise transactions, prepare financial statements and forecasts, and analyse business operations
- evaluate the performance and financial situation of organisations
- select and apply appropriate accounting and financial management tools to support organisational planning, decision-making, and control.

DISTINCTIVE FEATURES

- Designed for students who are interested in pursuing a career in accountancy or in obtaining professional accounting qualifications prior to pursuing a career in business.
- Taught by specialists who possess PhD degrees from top overseas universities and/or have comprehensive experience in industry.
- You will not only gain a broad knowledge of accounting and finance, but the real skills needed in the accounting profession and in industry, making you very attractive to potential employers.
- We have built close ties with some of the leading international chartered accountancy bodies, such as the Institute of Chartered Accountants in England and Wales (ICAEW), the Association of Chartered Certified Accountants (ACCA), the Chartered Institute of Management Accountants (CIMA), and the Certified Practising Accountants (CPA) Australia, and we have developed strong partnerships with leading accounting firms, including Deloitte, KPMG, and PwC.
- You will be supported in finding and applying for internships or placements in accounting firms or other organisations, gaining the invaluable opportunity to apply your knowledge and skills in a real business environment.
- 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

Year One provides you with a range of interesting modules, language classes and core skills for your degree. International students who meet academic and English language requirements may enter directly into Year Two, which is the start of the main academic programme.

YEAR TWO

INTRODUCTION TO FINANCIAL

ACCOUNTING

INTRODUCTION TO MANAGERIAL

ACCOUNTING

QUANTITATIVE METHODS

SKILLS FOR PROFESSIONAL

ACCOUNTANTS

ECONOMIC PRINCIPLES FOR

BUSINESS AND MARKETS

INTRODUCTION TO FINANCE

INTRODUCTION TO ORGANISATION AND MANAGEMENT

INFORMATION SYSTEMS FOR ACCOUNTANTS

YEAR THREE

FINANCIAL REPORTING I

MANAGEMENT ACCOUNTING

ACCOUNTING THEORY

BUSINESS LAW

CORPORATE SOCIAL RESPONSIBILITY

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

BA

BUSINESS

ADMINISTRATION

BA BUSINESS ADMINISTRATION

The BA Business Administration programme offers you a comprehensive introduction to business. You will be introduced to real-world business problems and analyse how these may be solved.

By the end of your degree, you will have the knowledge, skills, and commercial awareness to pursue a successful career in a wide variety of public, private and not-for-profit organisations.

International Business School Suzhou (IBSS) is one of an elite group of institutions worldwide to be accredited by the AACSB (Association to Advance Collegiate Schools of Business) and EQUIS (European Quality Improvement System) in 2016 and 2018 respectively. AACSB accreditation is a globally recognised standard for the highest quality in business education. Only five per cent of business schools worldwide have been awarded the accreditation. The EQUIS accreditation is a quality certification system for business schools set up by the EFMD (European Foundation for Management Development). It has become the most global authoritative and select business school certification body in the world with its comprehensive and rigorous review process. IBSS becomes the youngest business school in the world to have received both EQUIS and AACSB accreditation. There are only less than 100 business schools that have received both AACSB and EQUIS accreditation. This is an important milestone in becoming a world class business school and highlights the strength and significant influence of IBSS at the international level.



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APPLY

[www.xjtlu.edu.cn/en/find-a-programme/
undergraduate/business-administration](http://www.xjtlu.edu.cn/en/find-a-programme/undergraduate/business-administration)

KNOWLEDGE AND SKILLS

By the time you graduate, you will be able to:

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

DISTINCTIVE FEATURES

- Business administration enables students to develop comprehensive knowledge and skills related to business and management. You will learn about every functional role of companies and how these functions are connected
- The programme offers many shared modules and elective modules, which enables you to develop broad-based business knowledge, including marketing, human resource management, accounting, finance, and operations management
- Interactive learning methods, including case studies, group projects and student presentations are widely used in business administration modules
- The programme emphasizes practice and business engagement. Guest lecturers from industry are invited to share with students their real-business insights and experience
- You will have the opportunity to go on field trips and company visits to get first hand business knowledge.
- 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

The BA Business Administration programme provides a broad introduction to the business world, so you will be equipped to work in a wide variety of roles within public, private, and not-for-profit organisations. Your knowledge of business practices in Eastern and Western countries will enable you to work with confidence in international organisations. The knowledge you gain on this programme will also give you a strong foundation 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

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

INTRODUCTION TO ORGANISATION AND MANAGEMENT (MAN105)
QUANTITATIVE METHODS (ECO111)
FUNDAMENTALS OF MARKETING (MAN101)
INTRODUCTION TO FINANCIAL ACCOUNTING AND ACCOUNTABILITY (ACF105)
FOUNDATIONS OF FINANCE (ACF104)
ECONOMIC PRINCIPLES FOR BUSINESS AND MARKETS (ECO104)
INTRODUCTION TO HUMAN RESOURCE MANAGEMENT (MAN110)
PRINCIPLES OF OPERATIONS (MAN122)

YEAR THREE

Core modules:

QUALITATIVE METHODS IN MANAGEMENT (MAN231)
THEORY OF THE FIRM (ECO219)
CORPORATE SOCIAL RESPONSIBILITY (MAN201)
INTERNATIONAL MANAGEMENT (MAN211)
BUSINESS AND EMPLOYMENT LAW (MAN221)
MARKET RESEARCH (MAN218)

You will also choose two from the following optional modules:

SERVICES MARKETING (MAN224)
INTERNATIONAL DEVELOPMENT (MAN212)
ENTREPRENEURSHIP (MAN208)
PROJECT MANAGEM

YEAR FOUR

Core modules:

FINAL YEAR PROJECT (MAN303)
STRATEGIC MANAGEMENT AND BUSINESS POLICY (MAN314)
PSYCHOLOGICAL APPROACHES TO DECISION-MAKING (MAN327)
MANAGING PEOPLE (MAN325)
CORPORATE COMMUNICATION (MAN317)

You will also choose two from the following optional modules:

MARKETING STRATEGY (MAN322)
E-BUSINESS MODELS AND STRATEGIES (MAN304)
INTERNATIONAL ECONOMIC RELATIONS (ECO312)

BSc

ECONOMICS

BSc ECONOMICS

The BSc Economics programme will provide you with comprehensive training in the theoretical and quantitative tools used in the study of economics. You will have the opportunity to specialise in one of three areas: finance, international business or marketing. All students receive a rigorous grounding in microeconomics, macroeconomics and econometrics.

International Business School Suzhou (IBSS) is one of an elite group of institutions worldwide to be accredited by the AACSB (Association to Advance Collegiate Schools of Business) and EQUIS (European Quality Improvement System) in 2016 and 2018 respectively. AACSB accreditation is a globally recognised standard for the highest quality in business education. Only five per cent of business schools worldwide have been awarded the accreditation. The EQUIS accreditation is a quality certification system for business schools set up by the EFMD (European Foundation for Management Development). It has become the most global authoritative and select business school certification body in the world with its comprehensive and rigorous review process. IBSS becomes the youngest business school in the world to have received both EQUIS and AACSB accreditation. There are only less than 100 business schools that have received both AACSB and EQUIS accreditation. This is an important milestone in becoming a world class business school and highlights the strength and significant influence of IBSS at the international level.



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GENERAL ENQUIRIES
international@xjtlu.edu.cn (International, HK, Macao & Taiwan)
admissions@xjtlu.edu.cn (Chinese nationals)

APPLY
www.xjtlu.edu.cn/en/find-a-programme/undergraduate/economics

KNOWLEDGE AND SKILLS

By the time you graduate, you will have the ability to:

- demonstrate a 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.
- apply economic theories to analyse the workings of real-world markets
- analyse and identify creative solutions to problems relating to business, industry and economic policy
- 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

DISTINCTIVE FEATURES

- The BSc Economics programme provides you with a broad choice of optional modules with a range of theoretical and applied topics, as well as specialised modules that give you an enhanced understanding of economic theory.
- The content has been designed so that you can choose modules according to your own academic interests.
- In Year Three you will be offered modules that are designed to give you a more thorough understanding of the global economy and the Chinese economy in particular. These modules are complemented by finance modules that provide insight into businesses and their contribution to on-going development in China and in other countries.
- Module leaders are continually developing links with the public and private sectors to enable you to undertake work placements that will give you an understanding of how your academic skills apply to real-world situations.
- International Business School Suzhou at XJTLU is the first and only school in China to have a module, ECO105 Introduction to Business and Economics, accepted into the CFA Institute Investment Foundations Academic Program. Students who successfully complete this module are well-prepared to sit for the CFA Investment Foundations Program exam at a discounted registration fee.
- 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

Core modules:

INTRODUCTION TO STATISTICS (ECO101)

PRINCIPLES OF MICROECONOMICS (ECO109)

PRINCIPLES OF MACROECONOMICS (ECO120)

MATHEMATICS FOR ECONOMICS AND BUSINESS (ECO118)

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

YEAR THREE

MICROECONOMIC I (ECO217)

MICROECONOMIC II (ECO220)

MACROECONOMICS I (ECO213)

MACROECONOMICS II (ECO216)

ECONOMETRICS I (ECO205)

ECONOMETRICS II (ECO214)

You will also choose elective modules to continue with your chosen pathway in finance, international business, or marketing (see column to the right).

YEAR FOUR

GAME THEORY (ECO309)

ADVANCED ECONOMETRICS (ECO302)

ADVANCED MACROECONOMICS (ECO320)

FINAL YEAR PROJECT (MAN303)

You will also continue on your chosen pathway in finance, international business or marketing.

Modules in the finance pathway (Years Three/Four) include:

HISTORY OF ECONOMIC THOUGHT (EC0201)

FINANCIAL MANAGEMENT (ACF210)

BEHAVIOURAL ECONOMICS (EC0222)

INTERNATIONAL LABOUR MARKETS (EC0207)

BUSINESS FINANCE (ACF301)

MONETARY ECONOMICS (EC0305)

FINANCE AND MARKETS (ACF306)

INTERNATIONAL TRADE (EC0304)

THE CHINESE ECONOMY (EC0306)

Modules in the international business pathway (Years Three/Four) include:

RETAIL MARKETING (MAN207)

HISTORY OF ECONOMIC THOUGHT (EC0201)

INTERNATIONAL DEVELOPMENT (MAN212)

BEHAVIOURAL ECONOMICS (EC0222)

INTERNATIONAL LABOUR MARKETS (EC0207)

INTERNATIONAL TRADE (EC0304)

BUSINESS IN THE ASIA-PACIFIC REGION (MAN311)

INTERNATIONAL MARKETING (MAN305)

MONETARY ECONOMICS (EC0305)

THE CHINESE ECONOMY (EC0306)

STRATEGIC MANAGEMENT AND BUSINESS POLICY (MAN314)

Modules in the international business pathway (Years Three/Four) include:

INTERNATIONAL MANAGEMENT (MAN211)

HISTORY OF ECONOMIC THOUGHT (EC0201)

MARKET RESEARCH (MAN218)

BEHAVIOURAL ECONOMICS (EC0222)

INTERNATIONAL LABOUR MARKETS (EC0207)

INTERNATIONAL MARKETING (MAN305)

CORPORATE COMMUNICATION (MAN317)

MONETARY ECONOMICS (EC0305)

STRATEGIC MANAGEMENT AND BUSINESS POLICY (MAN314)

SERVICES MARKETING (MAN224)

THE CHINESE ECONOMY (EC0306)

CAREERS

An undergraduate degree in economics is an excellent pathway to a broad spectrum of careers. The analytical and presentation skills coupled with the fundamental theories that you will acquire through the programme are highly valued by employers in many industries. Graduates will be well-prepared for management and specialist roles in various business sectors such as management consultancies, financial sectors, international organisations, government and civil service.

The degree will also equip graduates with the necessary knowledge and skills to pursue quite different careers such as marketing, law, or even engage in entrepreneurial activities. Graduates will also gain a solid foundation for postgraduate study in economics or in other fields, such as finance, management and public administration.



XJTU

UNDERGRADUATE 2019

IBSS BUILDING



"It is a great experience to communicate and study in English, but with a second opportunity to learn Chinese.."

PHILIPP MISTAKOPULO
STUDENT
BSc BSc ECONOMICS, RUSSIA

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BSc

ECONOMICS

AND FINANCE

BSc ECONOMICS AND FINANCE

The MSc Economics and Finance programme combines a solid foundation in economic theory and applied econometrics with the study of finance. The study of financial microeconomics and macroeconomics will help you to understand complex issues related to financial decision-making while econometrics will provide the necessary tools to perform rigorous research in applied economics and finance. In addition, finance modules included in this programme cover a wide range of subjects related to portfolio theory, corporate finance, investment and strategy, and derivative instruments.

International Business School Suzhou attracts self-motivated students who are interested in a programme related to economics and specialising in finance. Students considering applying for this programme should have some prior learning in quantitative methods, statistics or econometrics, especially students with a bachelors degree that is not in economics or finance.

Graduates of this programme, as with all XJTLU masters degrees, earn a University of Liverpool degree that is recognised by the Chinese Ministry of Education. International Business School Suzhou (IBSS) is one of an elite group of institutions worldwide to be accredited by the AACSB (Association to Advance Collegiate Schools of Business) and EQUIS (European Quality Improvement System) in 2016 and 2018 respectively. AACSB accreditation is a globally recognised standard for the highest quality in business education. Only five per cent of business schools worldwide have been awarded the accreditation. The EQUIS accreditation is a quality certification system for business schools set up by the EFMD (European Foundation for Management Development). It has become the most global authoritative and select business school certification body in the world with its comprehensive and rigorous review process. IBSS becomes the youngest business school in the world to have received both EQUIS and AACSB accreditation. There are only less than 100 business schools that have received both AACSB and EQUIS accreditation. This is an important milestone in becoming a world class business school and highlights the strength and significant influence of IBSS at the international level.

KNOWLEDGE AND SKILLS

The MSc Economics and Finance programme will equip you with:

- Knowledge and understanding of core and advanced principles, theories and models relevant to finance and financial management
- The ability to explain, understand and apply statistical and econometric techniques and their application to the analysis of financial information and data
- An understanding of portfolio selection, risk and risk management, and the macroeconomic context of international financial transactions
- Skills in creative and critical thinking, problem-solving, data collection and analysis, and report writing.

DISTINCTIVE FEATURES

The MSc Economics and Finance programme effectively combines economic theory and applied econometrics with the study of finance. Our graduates become experts in using modern research tools to analyze economic, financial, social, and political environment.

Enhanced employment prospects:

- Develop both economics and finance skills
- Connect with industry through internship opportunities
- Build a solid foundation for PhD studies in economics and related fields.

The IBSS Financial Lab and Trading Floor:

- Gives access to a world of data for study and research
- Includes data feeds from Datastream and Thomson One
- Provides training by Thomson Reuters staff on EIKON system, leading to a TR EIKON training certificate.

MODULES

Compulsory modules:

- Financial economics
- Econometrics
- Macroeconomic theory
- Time series analysis
- International finance and economics
- Economics and finance dissertation.

Optional modules:

- Advanced derivatives
- Money and banking
- Microeconomic theory
- Advanced corporate finance
- Advanced investment
- Alternative investments and strategies
- Fixed income and derivative instruments.

CAREERS

The MSc Economics and Finance programme is designed to give you an advantage when pursuing career opportunities in the financial sector, and with central banks and other monetary financial institutions, international organisations, academia and research institutions. Since it has a strong foundation in economics, it is also attractive to students who may have an interest in the wider business sector, especially within multinational enterprises. Examples of such positions include:

- Portfolio manager
- Investment strategy analyst
- Director of research
- Market risk analyst
- Head of investor relations
- Senior economist
- Industrial economist.

The programme is also well-suited for the students who would like to continue to PhD level.



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GENERAL ENQUIRIES

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APPLY

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undergraduate/economics-and-finance](http://www.xjtlu.edu.cn/en/find-a-programme/undergraduate/economics-and-finance)

BA

HUMAN

RESOURCE

MANAGEMENT



BA HUMAN RESOURCE MANAGEMENT

On 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 you will 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.

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admissions@xjtlu.edu.cn (Chinese nationals)

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[www.xjtlu.edu.cn/en/find-a-programme/
undergraduate/human-resource-management](http://www.xjtlu.edu.cn/en/find-a-programme/undergraduate/human-resource-management)

DISTINCTIVE FEATURES

- Human resource management is an essential area for the development of any organisation
- International Business School Suzhou at XJTLU provides a unique opportunity to study and understand both Chinese and international human resources systems
- IBSS has established ties with the many international companies in Suzhou, leading to opportunities for company visits and guest lectures
- IBSS has 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

KNOWLEDGE AND SKILLS

When you graduate from the BA Human Resources Management programme, you will:

- be able to demonstrate knowledge of both human resource management (HRM) theory and general management theory and practice
- understand the legal frameworks concerned with the employment of people, and the implications which these have for human resource management policies and functions
- be able to demonstrate 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
- understand the challenges of changing work patterns and environments for human resource management
- develop a range intellectual, interpersonal and technical skills that are relevant to HRM and business management

CAREERS

Human resource management professionals work in every sector of the economy, so you will have many job opportunities available to you when you graduate. Roles include human resource management generalists, recruitment specialists, training professionals and change management positions, as well as consulting and employment research work.

You may also choose to pursue further study in the form of a specialised masters, MBA or a 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 (MAN105)
- FUNDAMENTALS OF MARKETING (MAN101)
- INTRODUCTION TO LEADERSHIP (MAN103)
- INTRODUCTION TO FINANCIAL ACCOUNTING AND ACCOUNTABILITY (ACF105)
- INTRODUCTION TO HUMAN RESOURCE MANAGEMENT (MAN110)
- ECONOMIC PRINCIPLES FOR BUSINESS AND MARKETS (ECO104)
- FOUNDATIONS OF FINANCE (ACF104)
- INTRODUCTION TO INTERNATIONAL BUSINESS AND MANAGEMENT (MAN112)

YEAR THREE

- CORPORATE SOCIAL RESPONSIBILITY (MAN201)
- LEARNING, TRAINING AND DEVELOPMENT (MAN223)
- PEOPLE RESOURCING (MAN205)
- MARKET RESEARCH (MAN218)
- BUSINESS AND EMPLOYMENT LAW (MAN221)
- PERFORMANCE MANAGEMENT (MAN202)
- INTERNATIONAL DEVELOPMENT (MAN212)
- QUALITATIVE RESEARCH METHODS IN MANAGEMENT RESEARCH (MAN231)

YEAR FOUR

- STRATEGIC MANAGEMENT AND BUSINESS POLICY (MAN314)
- EMPLOYEE REWARDS (MAN301)
- MANAGING PEOPLE (MAN325)
- DIVERSITY IN ORGANISATIONS (MAN308)
- INTERNATIONAL HUMAN RESOURCE MANAGEMENT (MAN307)
- ORGANISATIONAL CHANGE AND DEVELOPMENT (MAN306)
- FINAL YEAR PROJECT (MAN303)

BSc

INFORMATION

MANAGEMENT

AND

INFORMATION

SYSTEMS

BSc INFORMATION MANAGEMENT AND INFORMATION SYSTEMS

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

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APPLY
www.xjtlu.edu.cn/en/find-a-programme/undergraduate/information-management-and-information-systems

DISTINCTIVE FEATURES

- Gain skills and knowledge you will need to work across a wide range of industries
- Have the opportunity to gain practical knowledge through a final year capstone project that prepares you for the workplace
- 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
- Gain a unique blend of technical and managerial knowledge intended to create managers of the future
- Learn in a rich interdisciplinary environment
- 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

KNOWLEDGE AND SKILLS

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

- understand information management and information systems and their application to e-finance and e-business
- be able to demonstrate knowledge and understanding of essential facts, concepts, principles and theories relating to computing and computer applications
- understand and be able to apply a range of accounting and quantitative methods to describe and model financial products
- know how to develop and apply e-finance software
- have a broad understanding of business and economic principles

CAREERS

BSc Information Management and Information Systems graduates are equipped 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 (ACF105)

INTRODUCTION TO PROGRAMMING IN JAVA (CSE105)

INTRODUCTION TO DATABASES (CSE103)

ECONOMIC PRINCIPLES FOR BUSINESS AND MARKETS (ECO104)

FOUNDATIONS OF FINANCE (ACF105)

ALGORITHMIC FOUNDATIONS AND PROBLEM SOLVING (CSE102)

INTRODUCTION TO STATISTICS (ECO101)

YEAR THREE

CORPORATE SOCIAL RESPONSIBILITY (MAN201)

E-BUSINESS SYSTEMS (MAN203)

DATABASE DEVELOPMENT AND DESIGN (CSE201)

SOFTWARE ENGINEERING I (CSE207)

SECURITIES MARKETS (ACF222)

FINANCIAL MANAGEMENT (ACF210)

SOFTWARE ENGINEERING GROUP PROJECT (CSE208)

INTRODUCTION TO FINANCIAL MATHEMATICS (MTH202)

YEAR FOUR

Core modules:

BUSINESS FINANCE (ACF301)

BIG DATA ANALYTICS (CSE313)

RISK MANAGEMENT FOR BUSINESS (ACF313)

TECHNOLOGIES FOR E-COMMERCE (CSE308)

FINANCE AND MARKETS (ACF306)

E-BUSINESS MODELS AND STRATEGIES (MAN304)

FINAL YEAR PROJECT (CSE305 OR MAN303)

BA

INTERNATIONAL

BUSINESS

WITH A

LANGUAGE

BA INTERNATIONAL BUSINESS WITH A LANGUAGE

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

- 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)

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DISTINCTIVE FEATURES

- Undertake internships at and field trips to Fortune 500 multinational companies within Suzhou Industrial Park and the greater Yangtze River region
- Study a curriculum that combines traditional business theories with a broader theoretical and practical knowledge of other key success factors influencing 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.

KNOWLEDGE AND SKILLS

By the time you graduate from the BA International Business with a Language programme, you will be able to:

- understand the key principles of doing international business
- understand the complexities of the international business environment
- reflect critically on the operation and strategies of international businesses
- communicate effectively in English, as well as in Chinese, Spanish or Japanese
- demonstrate a 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
- demonstrate skills, competencies and understanding required to operate appropriately, ethically, productively and with confidence when managing businesses in the international arena, especially in countries where the language of study is spoken

CAREERS

There is a growing need for multilingual graduates with international business knowledge and experience. The BA International Business with a Language programme gives students the theoretical knowledge and the practical business and language skills needed to succeed in today's workplace. In addition, internship opportunities in multinational organisations make students from this programme ideally positioned to meet the demand for staff who can respond to the dynamic and volatile international business environment we see today.

MODULES

YEAR ONE

Year One provides you with a range of interesting modules, language classes and core skills for your degree. International students who meet academic and English language requirements may enter directly into Year Two, which is the start of the main academic programme.

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 OR SPANISH
ENGLISH LANGUAGE AND STUDY SKILLS FOR BUSINESS

YEAR THREE

CORPORATE SOCIAL RESPONSIBILITY
INTERNATIONAL LABOUR MARKETS
INTERNATIONAL BUSINESS LAW
INTERNATIONAL EMPLOYMENT RELATIONS
INTERNATIONAL DEVELOPMENT
LANGUAGE OPTION: CHINESE OR SPANISH

Choose one from:

INTERNATIONAL MANAGEMENT
INTERNATIONAL FINANCE

YEAR FOUR

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

Choose one from:

INTERNATIONAL HUMAN RESOURCE MANAGEMENT
INTERNATIONAL MARKETING



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undergraduate/international-business-with-
a-language](http://www.xjtlu.edu.cn/en/find-a-programme/undergraduate/international-business-with-a-language)

BA

MARKETING

BA MARKETING

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

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

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undergraduate/marketing](http://www.xjtlu.edu.cn/en/find-a-programme/undergraduate/marketing)

KNOWLEDGE AND SKILLS

By the time you graduate from the BA Marketing programme, you will be able to:

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

DISTINCTIVE FEATURES

- International Business School Suzhou provides a truly international learning environment through our culturally diverse academic staff and student profile
- We adopt a combined Western and Eastern teaching style and employ a range of innovative teaching and learning methods such as student-led seminars and business simulations
- We offer opportunities to meet industry experts and learn from real-world marketing activities inside and outside the classroom
- You will 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

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. Alternatively, some 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

FUNDAMENTALS OF MARKETING (MAN101)
CONSUMER BEHAVIOURS (MAN102)
INTRODUCTION TO ORGANISATION AND MANAGEMENT (MAN105)
INTRODUCTION TO INTERNATIONAL BUSINESS AND MANAGEMENT (MAN112)
INTRODUCTION TO FINANCIAL ACCOUNTING AND ACCOUNTABILITY (ACF105)
QUANTITATIVE METHODS (ECO111)
FOUNDATIONS OF FINANCE (ACF104)
INTRODUCTION TO HUMAN RESOURCE MANAGEMENT (MAN110)

YEAR THREE

RETAIL MARKETING (MAN207)
CORPORATE SOCIAL RESPONSIBILITY (MAN201)
THEORY OF THE FIRM (ECO219)
QUALITATIVE RESEARCH METHODS IN MANAGEMENT (MAN231)
ENTREPRENEURSHIP (MAN208)
SERVICES MARKETING (MAN224)
E-MARKETING: STRATEGIES AND TECHNIQUES (MAN206)
MARKET RESEARCH (MAN218)

YEAR FOUR

Core modules:
INTERNATIONAL MARKETING (MAN305)
RELATIONSHIP MARKETING (MAN315)
CRITICAL ISSUES IN MARKETING (MAN319)
MARKETING STRATEGY (MAN322)
FINAL YEAR PROJECT (MAN303)
You will also choose two from the following 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

DEPARTMENT OF INTERNATIONAL RELATIONS

International relations is the interdisciplinary study of the interconnectedness of politics, economics and law in global affairs. Our department examines interactions and relationships between nation states, international organisations, non-governmental organisations and multinational corporations within the international framework, with an emphasis placed on understanding and interpreting the changing position and role of China within this framework.

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



BA

INTERNATIONAL RELATIONS

BA INTERNATIONAL RELATIONS

China's economic growth has coincided with processes of globalisation over the past three decades. As this growth continues there is a need for more specialised understanding of the country's growing socio-economic interactions with the rest of the world. The BA International Relations at XJTLU 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. More specifically, BA International Relations will provide students with:

- An understanding of the disciplinary and interdisciplinary nature of humanities and social sciences
- Perspectives which enable effective analysis of contemporary international relations, especially those involving China
- A thorough working knowledge of approaches to the study of international relations
- An understanding of critical policy studies
- A comprehensive awareness of a range of techniques and approaches used to study international relations
- Close familiarity with the academic field of International Relations, its literature and intellectual organization
- Professional communication skills
- Practical experience in research and policy analysis
- Cross-cultural skills and understanding



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undergraduate/international-relations](http://www.xjtlu.edu.cn/en/find-a-programme/undergraduate/international-relations)

DISTINCTIVE FEATURES

- Understanding of China's place in the world
- Knowledge of foreign cultures and languages
- Students will specialise in the study of one other country and will spend one semester there as part of the degree programme
- Students will undertake a significant piece of independent research based on their Semester of International Experience

KNOWLEDGE AND SKILLS

- Language Skills: Spanish or Japanese will be studied as additional languages if the required standard is reached in both Chinese and English.
- Knowledge 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 in China, and world structures of business, trade, and investment.
- Principal concepts in the humanities and social sciences, especially those related to International Relations.
- A range of theories of knowledge in international relations and international political economy.
- Analytical and critical thinking skills.
- Cross-cultural interpersonal and communication skills.
- Ability to undertake and manage field work and small research projects.

CAREERS

Occupations related to China's international socio-economic interactions, both in China and in other countries of the world. This may involve government-related work, but is more likely to involve business and trade relations, and international social mobility.

MODULES

YEAR ONE

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YEAR TWO

ENGLISH/CHINESE/SPANISH/JAPANESE LANGUAGE CLASSES

CONTEMPORARY INTERNATIONAL RELATIONS (INR101)

WORLD HISTORY SINCE THE 20TH CENTURY (INR103)

EUROPE: CONTINENT AND NATION (INR105)

EAST AND SOUTHEAST ASIA: THE PACIFIC CENTURY (INR106)

INTERNATIONAL POLITICAL ECONOMY (INR102)

CHINA: GOVERNMENT AND POLITICS (CCS107)

THE AMERICAS: NEW WORLD, OLD SOCIETY (INR104)

AFRICA: DEVELOPMENT AND AID (INR107)

YEAR THREE

ENGLISH/CHINESE/SPANISH LANGUAGE CLASSES

INTERNATIONAL CHINA (CCS201)

CHINA: INTERNATIONAL TRADE (CCS309)

INTERNATIONAL INSTITUTIONS: GLOBAL AND REGIONAL (INR201)

CHINA AND ASIA (CCS202)

INTERNATIONAL BUSINESS LAW (MAN204)

INTERNATIONAL RELATIONS RESEARCH METHODS (INR202)

YEAR FOUR

SEMESTER OF INTERNATIONAL EXPERIENCE (INR301)

INTERNATIONAL RELATIONS FINAL YEAR PROJECT (INR302)

INTERNATIONAL COMMUNICATIONS (COM318)

GLOBAL PUBLIC HEALTH (DPH312)

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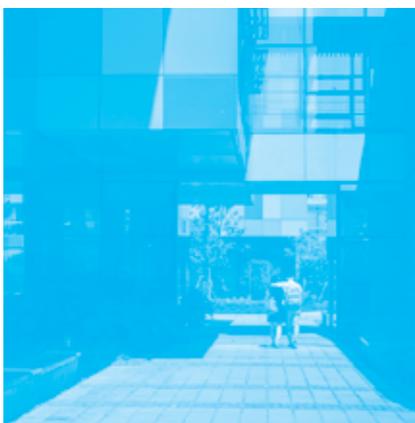
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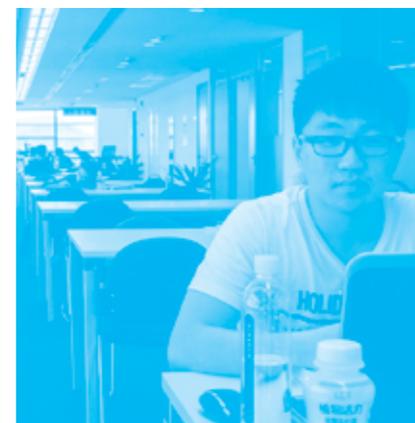
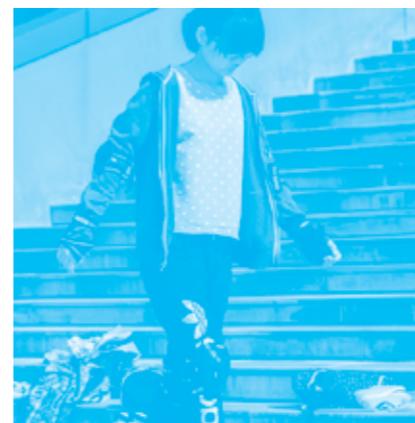
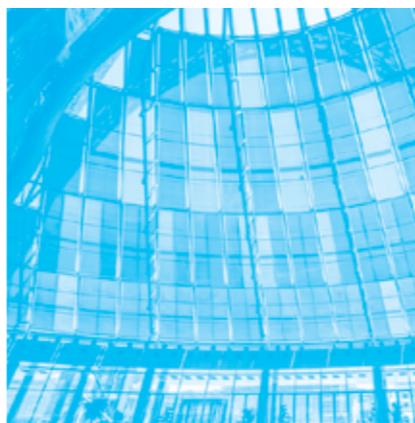
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