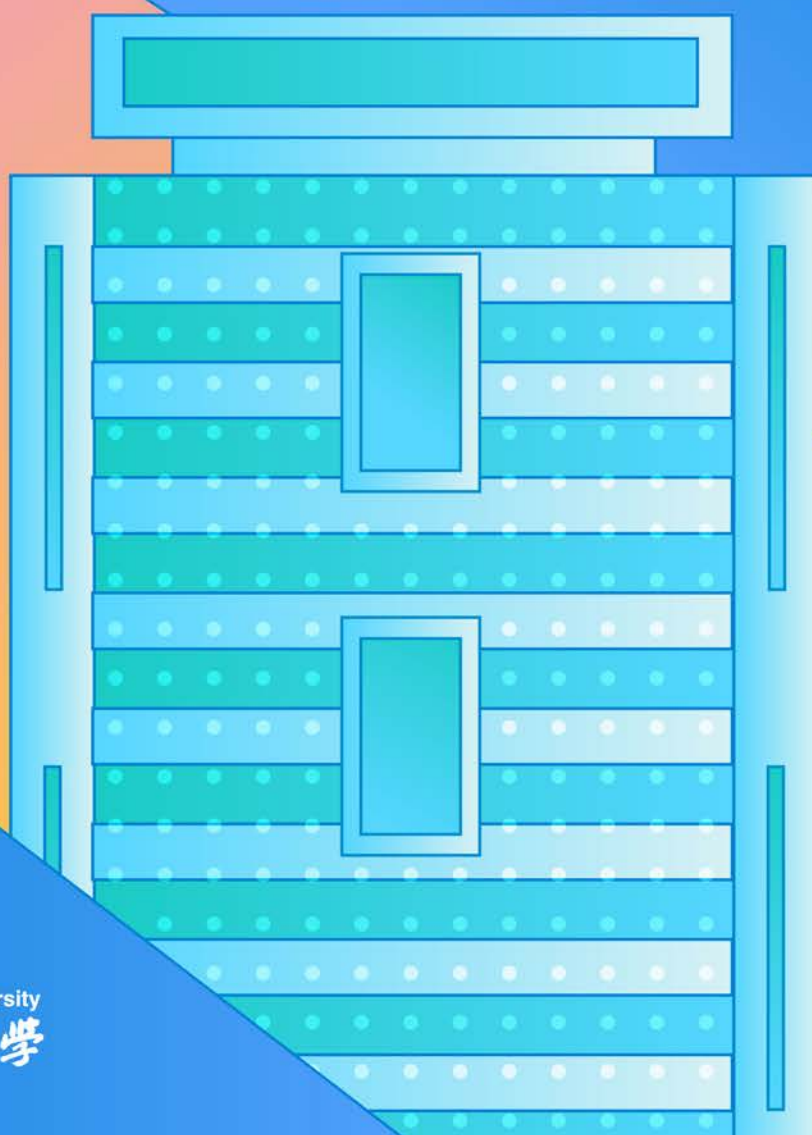


MASTER'S PROSPECTUS



Xi'an Jiaotong-Liverpool University

西交利物浦大學

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Civil Engineering MSc
Civil Engineering MSc (Part time)
Construction Management MSc
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Industrial Design MDes
International Professional Practice In Architecture Msc
Sustainable Construction MSc
Sustainable Construction MSc (Part time)
Urban Planning MSc
Urban Planning (specialisation in Urban Design) MSc
Urban Planning (specialisation in Urban Design) MSc
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Materials Science and Engineering MRes

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XI'AN JIAOTONG-LIVERPOOL UNIVERSITY



FIND YOURSELF... WITH A UK DEGREE IN CHINA



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

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

We want you.

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

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

We look forward to welcoming you to XJTLU.

XJTLU AT A GLANCE



UK DEGREE FROM THE UNIVERSITY OF LIVERPOOL

Earn a globally recognised master's degree from the University of Liverpool, a member of the Russell Group of leading UK universities.



WORLD-CLASS CAMPUS

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



ENGLISH-TAUGHT

All programmes are taught 100 percent in English.



MOVING UP IN GLOBAL RANKINGS

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



GROWING GLOBAL COMMUNITY

21,000+ students and 1,600+ academic staff from 90 countries... and counting!



LEARN CHINESE FOR TOP CAREER PROSPECTS

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



SINO-BRITISH EXCELLENCE

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



LOCATED IN SUZHOU, CHINA

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

WHY XJTLU?

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

ENGLISH LANGUAGE ENVIRONMENT ON CAMPUS

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

MIX OF SUBJECTS ACROSS STEM, HUMANITIES AND SOCIAL SCIENCES

Study sciences, technology, engineering, mathematics, design and planning, architecture, public health, language and culture, China studies, business, finance, media and communications.

WORLD-CLASS CAMPUS

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

UK QUALITY ASSURANCE

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

LEARN A NEW LANGUAGE

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



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

PARK JAEHYUN, KOREA
SUMMER SCHOOL



ACADEMIC QUALITY AND PROFESSIONAL RECOGNITION

Many of our programmes have also been recognised by prestigious academic and professional accrediting bodies such as AACSB International, EQUIS, the Royal Institute of British Architects (RIBA), Joint Board of Moderators, Royal Society of Biology and the Institution of Engineering and Technology (IET), for example. Also, International Business School Suzhou (IBSS) at XJTLU officially achieved the "triple crown" accreditation of EQUIS, AACSB and AMBA in 2020.

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



DISTINGUISHED INTERNATIONAL FACULTY AND RESEARCHERS

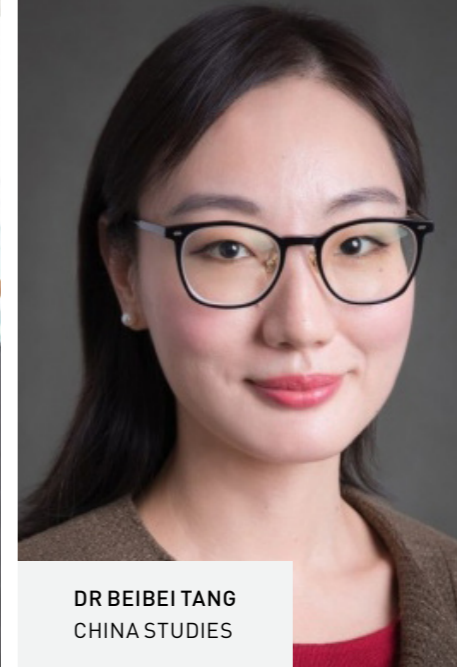
XJTLU has over 1,600 academic staff from more than 50 countries and regions, who have extensive international experience in industry and academia. They deliver cutting-edge research and teach current theories to prepare you for an excellent career.



PROFESSOR ENG GEE LIM
ADVANCED TECHNOLOGY



DR GRAHAM DAWSON
CHEMISTRY



DR BEIBEI TANG
CHINA STUDIES



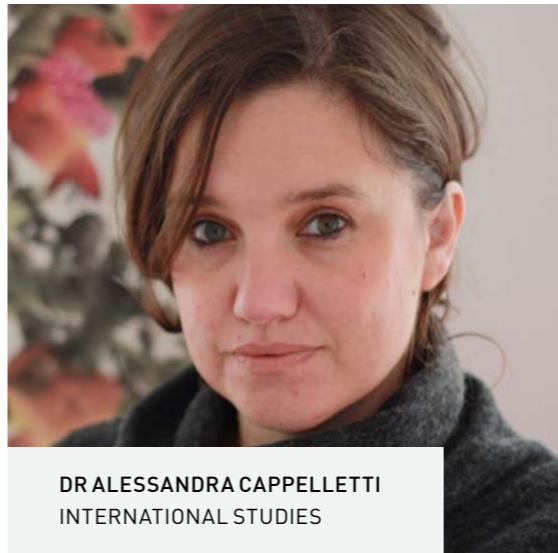
PROFESSOR LI CHUAN EVELYN MAI
SCHOOL OF FILM AND TV ARTS
SCHOOL OF CULTURAL TECHNOLOGY



PROFESSOR STUART PERRIN
XJTLU ENTREPRENEUR COLLEGE (TAICANG)



DR MIN CHEN
ADVANCED TECHNOLOGY



DR ALESSANDRA CAPPELLETTI
INTERNATIONAL STUDIES



PROFESSOR MU WANG
ACADEMY OF PHARMACY



DR JUANN HUNG
INTERNATIONAL BUSINESS SCHOOL, SUZHOU



PROFESSOR DAVIDE LOMBARDI
ARCHITECTURE



DR KONSTANTINOS PAPANIKOLAOU
CIVIL ENGINEERING



PROFESSOR JOHANNES KNOPS
HEALTH AND ENVIRONMENTAL SCIENCES

DISTINGUISHED INTERNATIONAL FACULTY AND RESEARCHERS

XJTLU has over 1,600 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 MIN CHEN
ADVANCED TECHNOLOGY

Min Chen received her bachelor and doctor degree in Mechanical Engineering from Southeast University. From 2007 to 2015, she studied and worked in RWTH Aachen, Germany. Her research focuses on the structure optimization, reliability analysis, computational mechanics and product design. Currently she hosts several governmental research funding and industrial projects related to smart structure and multi-physics coupling analysis.



PROFESSOR ENG GEE LIM
ADVANCED TECHNOLOGY

A Fellow of the Institute of Engineering and Technology, Professor Lim's research focusses on artificial intelligence and robotics and their applications across a range of areas including smart homes and cities, cognitive wireless communications, energy harvesting, and health care.



PROFESSOR STUART PERRIN
XJTLU ENTREPRENEUR COLLEGE (TAICANG)

Professor Perrin's research interests include academic literacies and its application to the international university, English as a lingua franca, Second Language acquisition and identity, and language testing. He is also interested in writing in the curriculum, and developing workable pedagogic models of writing in Higher Education.



DR JUANN HUNG
INTERNATIONAL BUSINESS SCHOOL, SUZHOU

A Senior Associate Professor in Economics, Dr Hung came to academia after more than two decades of industry experience working as a policy analyst and economist in the United States. Her current research looks at policy-related issues, including causes and consequences of currency crises, macroeconomic effects of globalisation, and China's growth model and its implications.



DR GRAHAM DAWSON
CHEMISTRY

Acting Head of Department, Dr Dawson explores how nanotechnology and nanomaterials can benefit the environment, particularly in the areas of renewable energy and water. An active researcher, he has been the principal investigator of several provincial and national-level projects.



PROFESSOR DAVIDE LOMBARDI
ARCHITECTURE

Head of Architecture Department, Dr. Lombardi's research interest lies at the intersection between computational design, digital fabrication and architectural representation. He has been invited keynote in several universities around the globe, his work is presented and published in international conferences and journals, and he currently serves as Head of the Architecture department at XJTLU.



PROFESSOR JOHANNES KNOPS
HEALTH AND ENVIRONMENTAL SCIENCES

Professor Knops' research looks at the drivers that control biodiversity and the importance of biodiversity in the functioning of ecosystems.

His current emphasis is on examining plant diversity in Qinghai-Tibetan alpine meadows and developing a framework to study biodiversity in a rapidly changing urban environment in China.



DR KONSTANTINOS PAPANIKOLAOU
CIVIL ENGINEERING

With a background in mechanical engineering, Dr Papadikis' research investigates how numerical modelling techniques can optimise a range of technologies, including carbon capture, liquid collection and chemical reactor technologies.



DR ALESSANDRA CAPPELLETTI
INTERNATIONAL STUDIES

Dr Cappelletti's research interests are focused on Chinese foreign policy in Central Asia, the Belt and Road Initiative, and agricultural development and agribusiness in North-West China. Her monograph on socio-economic development in Xinjiang was recently published by Palgrave.



PROFESSOR MU WANG
ACADEMY OF PHARMACY

Professor Wang's research centres around biomarkers and drug target discovery, and deciphering the protein interaction networks in complex human diseases such as cancer with the use of high throughput proteomics technologies. Additionally, he also has expertise in mammalian DNA repair and macro-molecular interaction studies using surface plasmon resonance (SPR) analysis.



DR BEIBEI TANG
CHINA STUDIES

Dr Beibei Tang's research interests include social class, social stratification and mobility in contemporary China, neighbourhood governance and state-society relations in China, urbanisation in China, deliberative democracy and social science research methods.



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

Professor Mai has been serving for the education of film and media for 30 years. Her specialisations are the areas of media and cultural management, focusing on market, strategies, business models of online media, TV, games and cultural theme parks.





EXPERIENCE CHINA

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

CAREER PROSPECTS

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

FRIENDSHIPS AND NETWORKS

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

CULTURAL AWARENESS

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

LANGUAGE SKILLS

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

KEY FACTS

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



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

ANNA HALL, UK
CHINESE LANGUAGE
SUMMER SCHOOL



LIVE IN BEAUTIFUL SUZHOU

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

XJTLU CAMPUS

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

SHANGHAI

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

AWARD-WINNING CAMPUS

The XJTLU campus provides state-of-the-art teaching, laboratory, research and support facilities.

This includes the award-winning Central Building, which houses the fully-resourced XJTLU Library.

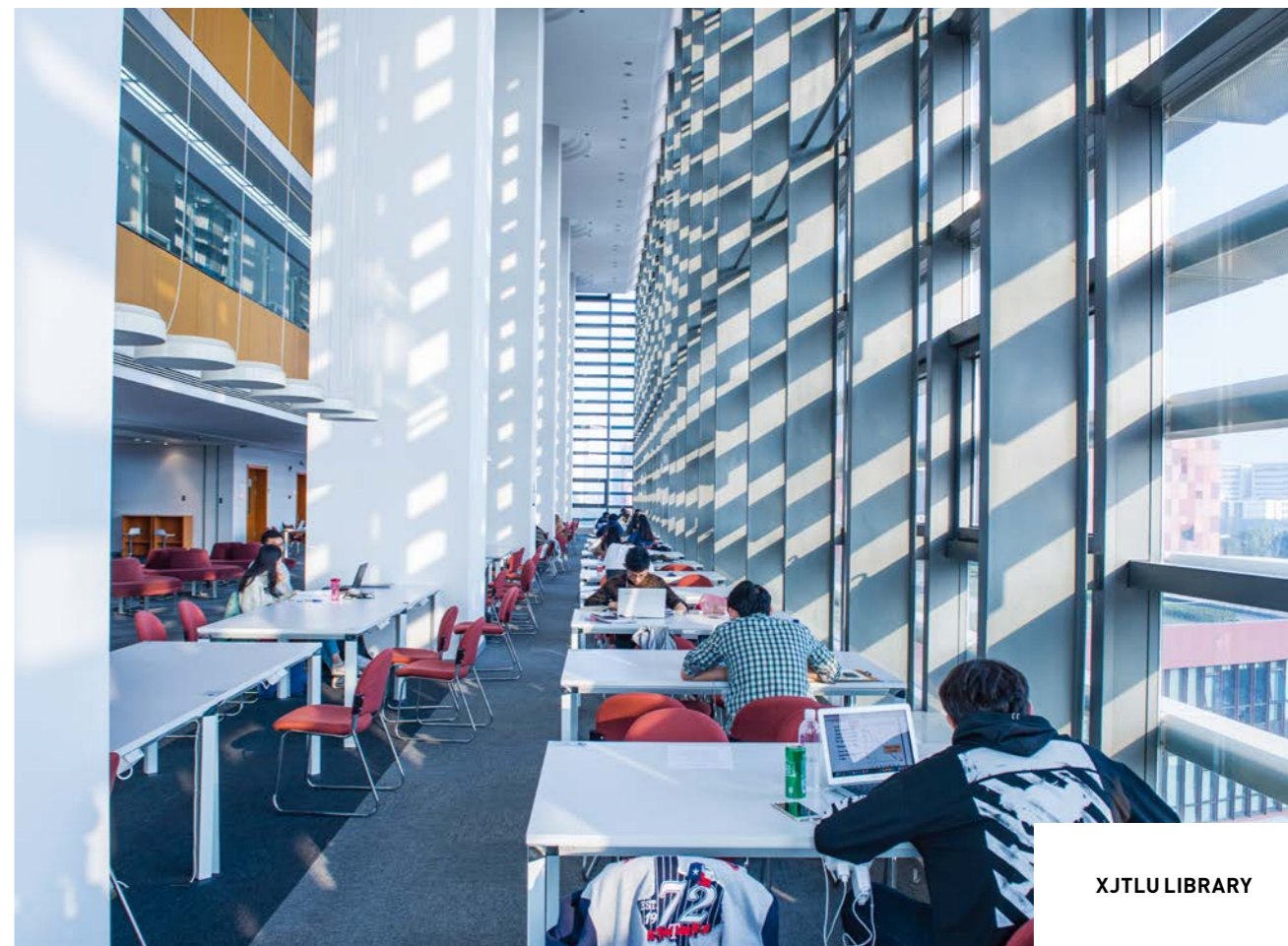
In addition to the world-class science and engineering laboratories, design and media studios, and communications laboratories, our campus also has conference facilities, tennis and basketball courts, a multi-purpose sports centre, a playing ground, a running track, and a variety of catering facilities.



XJTLU NORTH CAMPUS



XJTLU SOUTH CAMPUS



XJTLU LIBRARY

STUDENT LIFE

An education at 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 170 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.



XJTLU SPORTS CENTRE

SELECTION OF STUDENT CLUBS AND ACTIVITIES

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

SPORTS FACILITIES

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

FOOD AND SHOPPING

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



SIP CAMPUS ACCOMMODATION

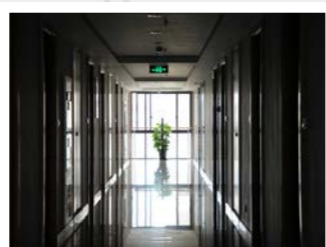
The accommodation facilities are located around 10 minutes walk from campus and cater to different living styles. After you have received your unconditional offer and paid a deposit, you can book your accommodation. Accommodation is guaranteed, however availability varies and choice is on a first come, first served basis.



MBA ROOMS



SCHOLAR'S GARDEN APARTMENTS









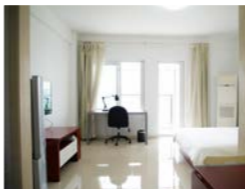


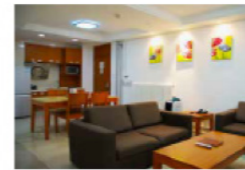

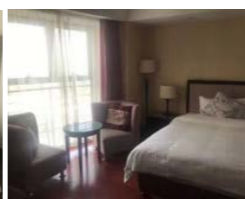
PARFAIT HOTEL & APARTMENTS



PARFAIT INTERNATIONAL APARTMENTS

NORTH CAMPUS

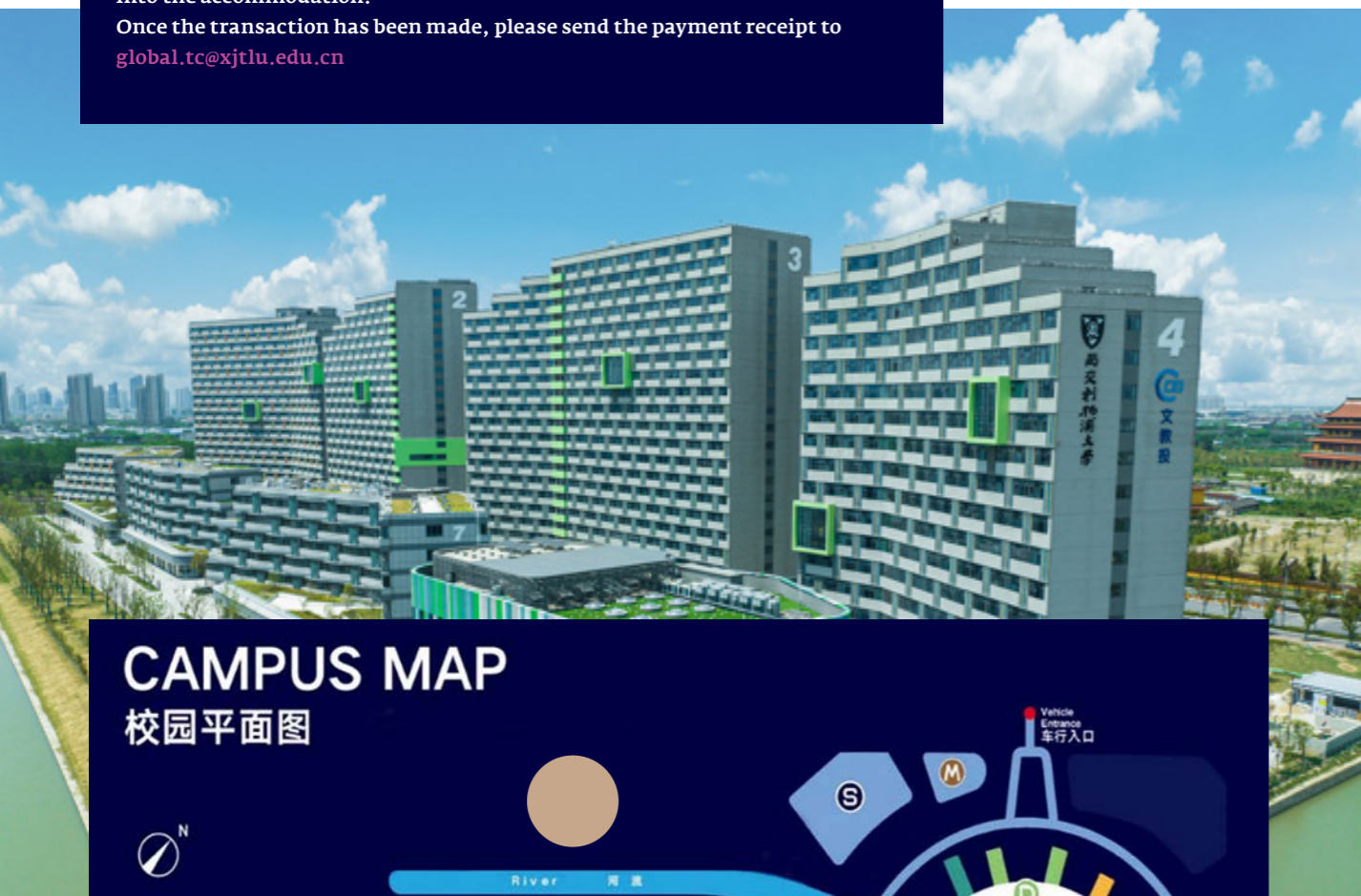
SOUTH CAMPUS

	 Kitchen	 En-suite bathroom option	 Prices per month	 Distance to Campus
WENCUI: PARFAIT HOTEL & APARTMENTS				
 	Only microwave and fridge	Private	2100-3060 RMB (USD 309-450)	1km
SCHOLAR'S GARDEN APARTMENTS				
 	Yes	Private	2550-3150 RMB (USD 375-463)	1km
WENCUI: PARFAIT INTERNATIONAL APARTMENTS				
 	Yes, shared	Private	1650-1980 RMB (USD 242-265)	1km
MBA ROOMS				
 	Yes	Private	85-105 RMB per day	<1km

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

TAICANG CAMPUS ACCOMMODATION

Taicang campus accommodation is a 5-min walk from the campus. It is in a square with a basement mall of many shops, including mobile phone outlets, coffee shops, supermarkets and many restaurants. Taicang accommodation fee needs to be paid to XJTLU before you check into the accommodation. Once the transaction has been made, please send the payment receipt to global.tc@xjtlu.edu.cn







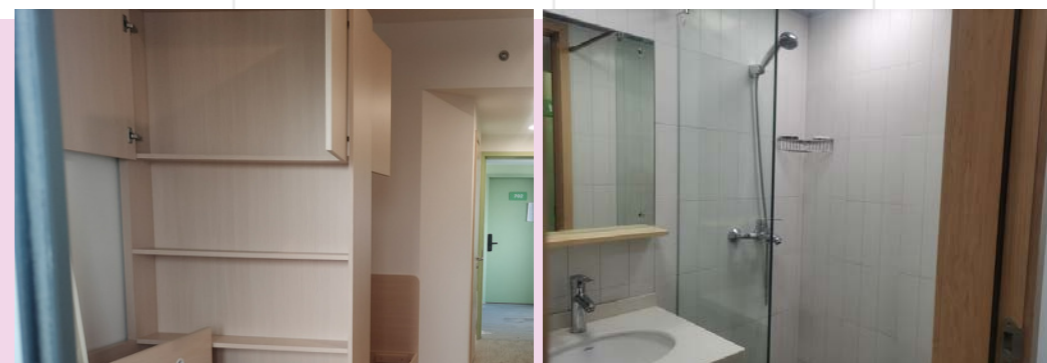
CAMPUS MAP 校园平面图



ENTREPRENEUR APARTMENT

Room type: Twin room (for two students)

 Kitchen	 Distance to Campus	 Prices	 En-suite bathroom option
<p>No (cooking not allowed, many restaurants and shops in accommodation area and on campus)</p>	<p>500 meters</p>	<p>Book a bed: 6000 RMB/year (share the room with another student)</p> <p>Book a twin room: 12000 RMB/year</p>	<p>Private</p>



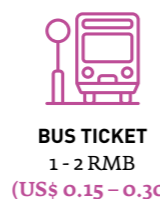
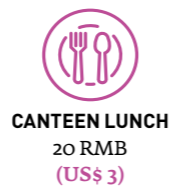
*Accommodation info and room availability may change. For detailed information or to book a room, please refer to XJTLU website or contact: global@xjtlu.edu.cn (for SIP campus) OR global.tc@xjtlu.edu.cn (Taicang campus)

BUDGET

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

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

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



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

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

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

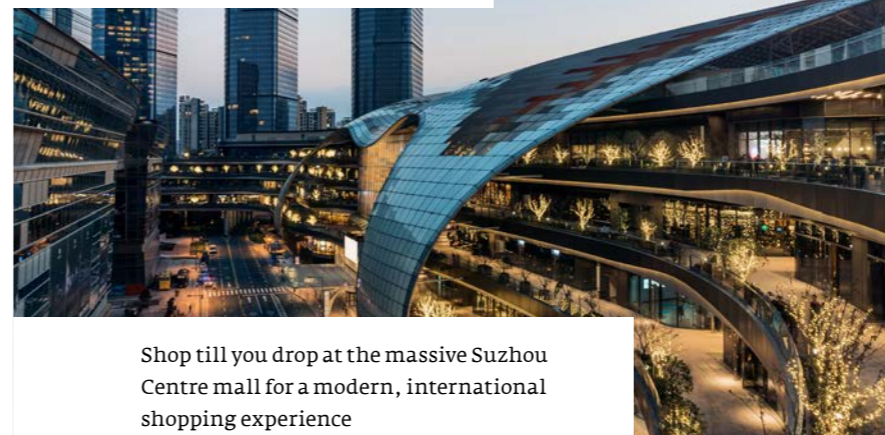
XJTU

LIVING AT XJTU

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



Try delicious local Chinese dishes from small vendors and traditional restaurants



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



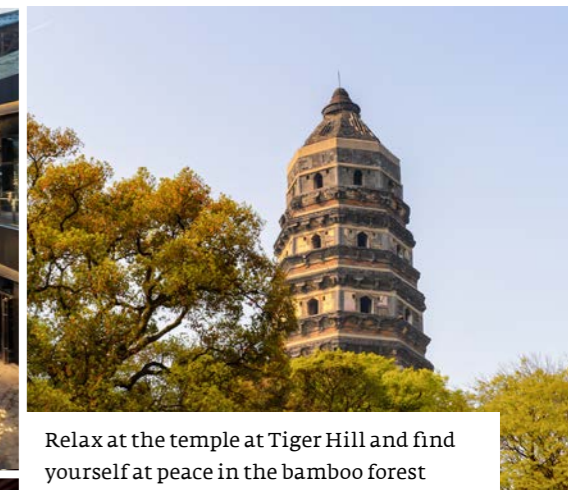
Venture to the magical Humble Administrator's Garden – a UNESCO world heritage site



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



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



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



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

STUDENT SUPPORT

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

VISA AND ACCOMMODATION

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

AIRPORT MEET-AND-GREET

XJTLU Global organises a pick-up service for all new international students arriving in China at Shanghai Pudong, Hongqiao and Wuxi airports. This service is available during four days of the week before welcome week.

INDUCTION

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

ENGLISH LANGUAGE SUPPORT

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

CHINESE CLASSES

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

CAREER SERVICES

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

ALUMNI

When you graduate from XJTLU, you will not only join a growing network of XJTLU alumni, but you will also become a member of the global community of more than 200,000 University of Liverpool alumni in over 130 countries.

STUDENT HELPERS

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

ENTREPRENEURSHIP

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

EXTERNAL MENTOR PROGRAMME

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



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

SUHAILA SULEIMAN, KENYA
BEng TELECOMMUNICATIONS
ENGINEERING



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

KRYSTINA MHLANDHLA, UK
SUMMER SCHOOL



CAREERS OPPORTUNITIES

XJTLU students have numerous job opportunities around the world after they graduate.

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

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

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

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

Microsoft
Google
Apple
Intel
Amazon
Ford
JP Morgan Chase
IBM
Shell
Accenture
Procter & Gamble
Procter & Gamble
L'Oréal

PricewaterhouseCoopers
KPMG
Ernst & Young
Deloitte

HSBC
Standard Chartered Bank
Swiss Bank
Royal Bank of Scotland

Lenovo
Huawei
ZTE
Baidu
Alibaba
SAIC

ADDITIONAL ACTIVITIES

The university offers a broad range of activities aiming to enrich master students' theoretical and experiential learning and professional development. Trainings, workshops and seminars, covering varieties of themes and topics, both generic and subject-specific, will be offered at both university and school/department levels. You will also be provided with opportunities to work as a teaching assistant, research assistant, or intern at XJTLU. Depending on the programme, field trips and company visits may be organized, and invited talks may be given by the industrial experts and professionals. All these activities will not only support you in your programme study, but also develop your personal and professional skills and enhance your overall employability.



"The ALA requirement empowered me to customise my degree programme to my own interests. I've focused primarily on Chinese language which will be valuable for my future career. I also prepared and taught a seminar, and next semester I plan to do an internship that will support my masters degree thesis. One of my classmates worked in a financial company's sales department in Suzhou managing channel sales, conducting product and industry research and gaining valuable business and negotiation skills. I also attended a variety of courses on Chinese politics, culture and business. The possibilities are endless!"

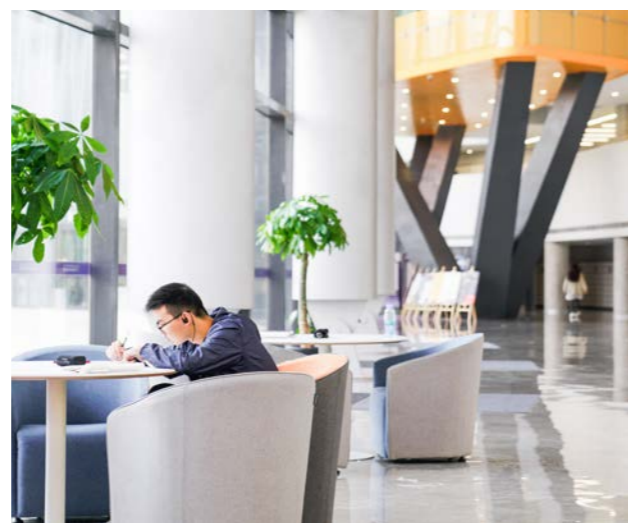
FRANZISKA BERTRAM
MSC MANAGEMENT



XJTLU LEARNING MALL

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

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



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

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

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

OUR PARTNERS

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

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

THE ONSITE XJTLU LEARNING MALL

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

THE XJTLU LEARNING MALL ONLINE (LMO)

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

ADMISSION TO XJTLU





THE PRESESSIONAL COURSE IS A GREAT WAY TO BEGIN YOUR POSTGRADUATE STUDIES AND MANY STUDENTS CHOOSE TO ENROLL EVEN IF THEY HAVE MET THE LANGUAGE REQUIREMENTS. WE ADVISE YOU TO REGISTER EARLY FOR THIS POPULAR COURSE.

PRE-SESSIONAL ENGLISH (PSE) PROGRAMME

Our Pre-sessional English (PSE) programme is designed to help students improve and develop their general and discipline-specific English language and study skills, with a particular emphasis on academic writing and speaking, in order to enable them to function effectively in their postgraduate master's programmes. Taught by lecturers in the XJTU English Language Centre, our programme is BALEAP (British Association of Lecturers in English for Academic Purposes) certified and has been conferred "Validated Programme" status by CIOL (Chartered Institute of Linguists).



The programme comprises of 140 hours of teaching and 105 hours of self-study, and there are two options available of two different lengths, i.e., a 7-week summer intensive course, and a 14-week part-time course. The 14-week part-time course is designed for part-time programme students who cannot take the 7-week intensive course and full-time programme students who prefer a longer and less intensive course with the same language and skills focus as the 7-week intensive course. Once you are accepted onto a Pre-sessional English course, you will not need to retake a language test. This means that you can concentrate on developing your postgraduate study skills.

WHO SHOULD TAKE PSE?

If you have applied for an XJTU master's programme and meet the minimum English language requirements for the course, as shown below, you may be accepted onto the Pre-sessional course subject to Programme Director approval. Upon successful completion of the Pre-sessional English course, your XJTU master's offer letter will be changed to "Unconditional" for English level. If you have already met the English language entry requirement of your prospective master's programme, you are also welcome to take the PSE course to support improvements in your academic English language skills.

TUITION FEES

RMB 22,000 (full fees as deposit)

SCHEDULE

Please visit XJTU website for course schedule.

SUMMER COURSE

The course will focus on language and transferable academic skills, with typical content covering:

WRITING

- Writing clear and well-organised paragraphs and essays
- Paraphrasing, summarising and quoting
- Referencing and understanding the principles of Academic Integrity
- Synthesising information from various sources together with your own voice
- Improving cohesion and coherence in writing

SPEAKING

- Giving academic presentations
- Participating in academic seminar discussions
- Using appropriate functional language in academic speaking
- Using information from sources in academic discussions and presentations

READING

- Analysing and identifying key features of texts of different genres
- Skimming, scanning, understanding the gist, and reading for detail
- Identifying important information and selecting key ideas
- Evaluating texts

LISTENING

- Preparing to attend lectures
- Following the structure of lectures
- Identifying key ideas in lectures
- Taking effective notes during lectures

ACADEMIC SKILLS

- Understanding differences between academic cultures
- Reflecting on and improving your performance
- Managing your time
- Giving, receiving and acting upon formative feedback
- Following a systematic process approach to assessments

HOW TO APPLY

APPLICATIONS ARE ACCEPTED ONLINE. PLEASE CHECK THE WEBSITE FOR DETAILS: <https://www.xjtu.edu.cn/en/study/short-summer-courses-and-languages/pre-sessional-english-programme>

HOW TO APPLY FOR A MASTER'S DEGREE

ENTRY REQUIREMENTS

The minimum entry requirement is an undergraduate degree, UK upper second class (2:1) or equivalent. However, admission requirements vary depending on the programme you choose.

ENGLISH LANGUAGE REQUIREMENTS

Master's students at XJTLU should have a high level of proficiency in the English language. Non-native speakers will typically require a minimum IELTS score of 6.0 (TOEFL iBT:80) up to IELTS 7.0 (TOEFL iBT: 100). Students who completed a full-time degree programme delivered wholly in English (no earlier than 1 January 2022) will normally be exempted from the English language requirements.

If you miss the language requirements by 0.5-1.0 of IELTS then you can still apply for XJTLU by successfully completing a summer Pre-Sessional English (PSE) course at the university.

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 and upload any remaining supporting documents.

Visit: www.xjtlu.edu.cn



THE APPLICATION DEADLINE FOR
SEPTEMBER 2024 INTAKE IS
15 JUNE 2024

SCHOLARSHIP APPLICATION DEADLINE:
1 JUNE 2024

CHECKLIST

- Certificates of education qualifications and transcripts
- Certificates of English language qualification (If applicable)
- Personal Statement
- Two letters of reference
- Scholarship application form (optional)
- Photocopy of your passport or ID
- CV

TUITION FEES

Tuition fees vary by programme and range from 132,000 RMB to 200,000 RMB. You must secure your place at XJTLU by paying a nonrefundable deposit of 10,000 RMB, which is deducted from the total tuition fee.

Tuition fee payments are made per year.

ALUMNI DISCOUNT

Graduates of XJTLU, the University of Liverpool or Xi'an Jiaotong University will automatically receive a tuition fee discount of 20 percent.

Applications will be considered as they are received and we encourage you to submit your application well in advance of the deadline. Please refer to the relevant programme page on our website for details.

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

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

MASTER'S DEGREE PROGRAMMES

Our master's degrees, awarded by the University of Liverpool, equip you with the skills and knowledge to pursue your career in a relevant field, or conduct pioneering research in an academic or industrial setting.

All degrees are taught in English by world-class international academic staff and industry experts, and range from 18 months (full time) to 42 months (part time).

Tuition fees vary by programme and generous scholarships are available.



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

DEPARTMENT	PROGRAMME	DURATION	TUITION FEES	ENTRY REQUIREMENTS
SCHOOL OF ADVANCED TECHNOLOGY	■ APPLIED INFORMATICS MSC	18 months (full-time)	RMB 180,000	Bachelor Degree in related fields, such as computer science, computer engineering, automation, e-commerce, or financial mathematics or equivalent experience.
	● COMPUTER SCIENCE MRES	24 months (full-time)	RMB 200,000	An undergraduate degree (UK 2:1 or equivalent) in a computer science-related discipline with suitable programming and programme design experience.
	■ FINANCIAL COMPUTING MSC	18 months (full-time)	RMB 180,000	An undergraduate degree (UK 2:1 or equivalent) in a relevant area such as computer science, finance and investment, information systems, e-business and mathematics, with some programming and program design experience.
	■ HUMAN-COMPUTER INTERACTION MSC	18 months (full-time)	RMB 180,000	An undergraduate degree (UK 2:1 or equivalent) in computer science related programmes.
	■ LOW CARBON ELECTRICAL POWER AND ENERGY TECHNOLOGY MRES	24 months (full-time)	RMB 200,000	An undergraduate degree (UK 2:1 or equivalent) in a relevant field, such as: electrical engineering, electronic science and technology, telecommunication engineering, computer science and technology, mathematics, semiconductor physics, automation and control, embedded systems, thermal physics, and other related majors.
	■ MULTIMEDIA TELECOMMUNICATIONS MSC	18 months (full-time)	RMB 180,000	An undergraduate degree (UK 2:1 or equivalent) in a relevant field such as telecommunication engineering, electronic science and technology, electrical engineering, and computer science and technology.
	■ PATTERN RECOGNITION AND INTELLIGENT SYSTEMS MRES	24 months (full-time)	RMB 200,000	An undergraduate degree (UK2:1 or equivalent) in a related subject (e.g. digital media technology, electrical engineering, computer science and technology, mechatronics and robotic systems) from an accepted University or other Institute of Higher Education. Alternative qualifications and all non-UK qualifications which are equivalent to a UK science- or engineering-based honours degree may also be considered. In some cases, a good UK 2.2 honours degree may be considered if strong performance in relevant subjects is demonstrated or the applicant has relevant industrial experience.
	■ SOCIAL COMPUTING MSC	18 months (full-time)	RMB 180,000	An undergraduate degree (UK 2:1 or equivalent) in computer science, engineering, information systems, e-business, or mathematics, with suitable programming and programme design experience.

DEPARTMENT	PROGRAMME	DURATION	TUITION FEES	ENTRY REQUIREMENTS
SCHOOL OF ADVANCED TECHNOLOGY	■ SUSTAINABLE ENERGY TECHNOLOGY MSC	18 months (full-time)	RMB 180,000	An undergraduate degree (UK 2:1 or equivalent) in a relevant field such as electrical engineering, electronic science and technology, telecommunication engineering, computer science and technology, mathematics, semiconductor physics, automation and control, embedded systems, engineering thermal physics or other related disciplines.
DESIGN SCHOOL	● ARCHITECTURAL DESIGN MARCH	24 months (full-time)	RMB 200,000	An undergraduate degree (UK 2:1 or equivalent) in BArch, BEng in Architecture, BA (Hons) in Architecture or equivalent. Applicants are required to submit a portfolio of their own creative works as a student and a practicing architect/intern (indicating where and when the work was done, who the tutor/supervisor was, who was part of the team and what the applicants' role was in the team, A3-size, typically 10 to 30 pages, in PDF format). An internship in an architecture-related practice is recommended, but not required. We might accept applicants with substantial work experience or an outstanding portfolio even if their grades are lower than the minimum entry requirements.
	● CIVIL ENGINEERING MSC	18 months (full-time), 36 months (part-time)	RMB 135,000	An undergraduate degree (UK 2:1 or equivalent) in a relevant field such as civil engineering or a related programme.
	● CONSTRUCTION MANAGEMENT MSC	18 months (full-time), 36 months (part-time)	RMB 135,000	An undergraduate degree (UK2:1 or equivalent) in civil engineering or in related field
	● INDUSTRIAL DESIGN MDES	24 months (full-time)	RMB 180,000	An undergraduate degree in industrial design, engineering, architecture, urban planning and design, or other design-related discipline.
	● INTERNATIONAL PROFESSIONAL PRACTICE IN ARCHITECTURE MSC	18 months (full-time), 36 months (part-time)	RMB 150,000	An undergraduate degree (UK 2:1 or equivalent) in a subject related to built environment or architecture.
	● SUSTAINABLE CONSTRUCTION MSC	18 months (full-time), 36 months (part-time)	RMB 135,000	An undergraduate degree (UK 2:1 or equivalent) in a relevant field such as civil engineering or a related programme.
	● URBAN PLANNING MSC	18 months (full-time)	RMB 135,000	An undergraduate degree (UK 2:1 or equivalent) in a relevant field, such as urban planning and design, architecture, geography, economics, management, environmental science, social or public policy.

DEPARTMENT	PROGRAMME	DURATION	TUITION FEES	ENTRY REQUIREMENTS
DESIGN SCHOOL	● URBAN PLANNING (SPECIALISATION IN URBAN DESIGN) MSc	18 months (full-time)	RMB 135,000	Bachelor Degree (UK 2:1 or equivalent) in a relevant field, such as urban planning and design, architecture, geography, economics, management, environmental science, social and public policy. Applicants with an undergraduate degree in other fields will be assessed on a case by case basis. An English version portfolio is required, which should have an introductory table of content in which all projects are listed, with their title, their date, the context in which they were developed and the specific contribution of the candidate to the project. The portfolio should be saved in a PDF (max 10MB).
	● MATERIALS SCIENCE AND ENGINEERING MRES	24 months (full-time)	RMB 180,000	An undergraduate degree in engineering or related science fields
SCHOOL OF HUMANITIES AND SOCIAL SCIENCES	■ APPLIED LINGUISTICS (SPECIALISATION IN MULTILINGUALISM) MA	18 months (full-time)	RMB 150,000	An undergraduate degree in language/applied linguistics. Applicants with a first degree in other subjects of the humanities and social sciences [in areas such as sociolinguistics, communication studies, ethnography, political science, and anthropology] will be considered on an individual basis.
	■ CHINA STUDIES MA	18 months (full-time)	RMB 150,000	An undergraduate degree (UK 2:1 or equivalent) in any discipline.
	■ INTERNATIONAL BUSINESS AND GLOBAL AFFAIRS MA	18 months (full-time), 36 months (part-time)	RMB 180,000	An undergraduate degree in international relations or business and management, or cognate subjects of the two.
	■ INTERNATIONAL RELATIONS MA	18 months (full-time), 36 months (part-time)	RMB 150,000	An undergraduate degree (UK2:1 or equivalent) in International Relations, Political Science, Communications Studies, Sociology, Law, Economics, History, Philosophy, Management, International Studies, Area Studies, or cognate subject.
	▲ MEDIA AND COMMUNICATION MSc	18 months (full-time)	RMB 150,000	An undergraduate degree (UK 2:1 or equivalent) in communication, media, English with media or similar. No practical experience is required, but some relevant media practice/background would be an advantage.
	▲ TESOL MA	18 months (full-time)	RMB 150,000	Bachelor Degree in English. No teaching experience is required, but some relevant teaching experience level would be an advantage.

DEPARTMENT	PROGRAMME	DURATION	TUITION FEES	ENTRY REQUIREMENTS
ACADEMY OF FUTURE EDUCATION	▲ CHILD DEVELOPMENT AND FAMILY EDUCATION MA	18 months (full-time), 30 months (part-time)	RMB 150,000	An undergraduate degree in Psychology, Psychology in Education, Education, Teaching, Social Work, Child and Family studies, English or a related subject. Students who demonstrate a basic understanding of undergraduate level psychology or education are preferred. The work experiences in the field of education (e.g. teaching, counselling and education management) are preferred.
	▲ GLOBAL EDUCATION MA	18 months (full-time), 36 months (part-time)	RMB 150,000	An undergraduate degree (UK 2:1 or equivalent) in any discipline. Work experience in an education related field would be an advantage.
	▲ DIGITAL EDUCATION MSc	24 months (full-time), 36 months (part-time)	RMB 200,000	Students with a good first degree in any subject will be considered. We welcome applicants from a diverse array of fields, including, but not limited to, students with a degree in computer sciences, information technology, education, international relations, human resources, and psychology
ACADEMY OF FILM AND CREATIVE TECHNOLOGY	● CULTURAL AND CREATIVE INDUSTRIES MSc	24 months (full-time)	RMB 200,000	An undergraduate Honours degree, (UK 2:1 or above or equivalent), or comparable institution in degrees in the areas include media, TV, film and arts related majors, new media, creative media, advertising, public relations, game design, digital media arts, fine arts, digital media technology, animation, cultural industry management, tourism, literature, drama, theatre and performing arts, music, museum studies, etc.
INTERNATIONAL BUSINESS SCHOOL SUZHOU	● BUSINESS ANALYTICS MSc	18 months (full-time)	RMB 180,000	Bachelor Degree in finance, accounting, economics, management, marketing, science or engineering, preferable to have knowledge of Econometrics, Statistics, Operations Research, and programming (Python, Matlab, R, Stata).
	● ECONOMICS AND FINANCE MSc	18 months (full-time)	RMB 180,000	Bachelor Degree in accounting, economics, finance, mathematics or statistics
	● FINANCE MSc	18 months (full-time)	RMB 180,000	An undergraduate degree (UK 2:1 or equivalent) in finance, accounting, economics, management, science or engineering and some understanding of quantitative methods, statistics or econometrics.
	● INVESTMENT MANAGEMENT MSc	18 months (full-time)	RMB 180,000	An undergraduate degree (UK 2:1 or equivalent) in economics, mathematics, finance, or a related subject. Or relevant work experience and a good knowledge of quantitative methods, statistics or financial mathematics.

DEPARTMENT	PROGRAMME	DURATION	TUITION FEES	ENTRY REQUIREMENTS
INTERNATIONAL BUSINESS SCHOOL SUZHOU	● MANAGEMENT MSc	18 months (full-time) 30 months (part-time)	RMB 180,000	An undergraduate degree in business related subjects (preferred).
	■ MANAGEMENT MRes	18 months (full-time)	RMB 180,000	An undergraduate degree in business, economics, management, accounting, finance, science, engineering or other relevant disciplines.
	● OPERATIONS AND SUPPLY CHAIN MANAGEMENT MSc	18 months (full-time), 36 months (part-time)	RMB 180,000	An undergraduate degree (UK 2:1 or equivalent) in any discipline.
	● PROJECT MANAGEMENT MSc	18 months (full-time), 30 months (part-time)	RMB 180,000	An undergraduate degree (UK 2:1 or equivalent) in any discipline.
	● PROFESSIONAL ACCOUNTING MSc	18 months (full-time)	RMB 180,000	An undergraduate degree (UK 2:1 or equivalent) in accounting. It is essential to have passed at least four ICAEW Certificate Level (CFAB) papers on entry. Equivalent degrees or papers are also acceptable if qualified as Credit for Prior Learning by ICAEW or ACCA. Students who have not completed CFAB will need to do so prior to seeking full membership of the ICAEW. Applicants who do not have an equivalent UK degree in Accounting will also be considered if they have completed the six ICAEW Certificate Level (CFAB) papers or equivalent. Applicants with a professional background rather than a degree need to demonstrate relevant training record and working experience in an accounting and finance environment. Such applications will be assessed on a case-by-case basis and are subject to approval by XJTLU Academic Affairs.
SCHOOL OF SCIENCE	■ ADVANCED CHEMICAL SCIENCES MRes	24 months (full-time)	RMB 180,000	An undergraduate degree (UK 2:1 or equivalent) in chemistry or a related discipline.
	■ ENVIRONMENTAL SCIENCES MRes	24 months (full-time)	RMB 180,000	An undergraduate degree in a relevant field, such as environmental science, environmental engineering, chemistry, biology, ecology, geography, and geology.

DEPARTMENT	PROGRAMME	DURATION	TUITION FEES	ENTRY REQUIREMENTS
SCHOOL OF SCIENCE	■ MOLECULAR BIOSCIENCE MRes	24 months (full-time) 36 months (part-time)	RMB 180,000	Bachelor Degree in life science or related discipline.
SCHOOL OF MATHEMATICS AND PHYSICS	● ACTUARIAL SCIENCE MSc	18 months (full-time)	RMB 150,000	An undergraduate degree in mathematics or related field or Industrial experience deemed to be the equivalent to an Honours degree in a mathematics-related discipline. Applicants for this category will have to comply with the University's procedures for non-standard entry.
	◆ DATA SCIENCE MSc	24 months (full-time)	RMB 200,000	An undergraduate degree or equivalent in mathematics, statistics, computer science, data science, finance related discipline. Industrial experience in related fields would be an advantage.
	● FINANCIAL MATHEMATICS MSc	18 months (full-time)	RMB 180,000	Bachelor of Science or equivalent with a strong mathematics background.



DEPARTMENT	PROGRAMME	DURATION	TUITION FEES	ENTRY REQUIREMENTS
XJTLU WISDOM LAKE ACADEMY OF PHARMACY	◆ PHARMACEUTICAL SCIENCES MRES	24 months (full-time), 36 months (part-time)	RMB 198,000	An undergraduate degree in related fields (e.g., chemistry, biological sciences, pharmaceutical sciences or relevant discipline); or equivalent experience, subject to the XJTLU postgraduate entry rules.
	◆ APPLIED STATISTICS MSC	24 months (full-time)	RMB 198,000	Bachelor of Science or equivalent with a strong mathematics or statistics background.
	◆ MEDICINAL CHEMISTRY MRES	24 months (full-time), 36 months (part-time)	RMB 198,000	An undergraduate degree in chemistry, biological sciences, pharmaceutical science or related discipline.
ENTREPRENEUR COLLEGE TAI-CANG	■ ENTREPRENEURSHIP AND INNOVATION MSC	24 months (full-time) 42 months (part-time)	RMB 200,000	Normally a good first degree (UK 2.1 or international equivalent) in any discipline. Applicants must also submit a CV and a one-page personal statement. Students who did not study a business or numeracy degree as their first degree may be asked to undertake a short numeracy-based pre-sessional programme.



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

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

ENGLISH REQUIREMENTS

- IELTS: 6.0 (min 5.0 in all skills) / TOEFL iBT: 80 (min 15 in all skills)
- ◆ IELTS: 6.0 (min 5.5 in all skills) / TOEFL iBT: 80 (min 18 in all skills)
- IELTS: 6.5 (min 5.0 in all skills) / TOEFL iBT: 90 (min 15 in all skills)
- IELTS: 6.5 (min 5.5 in all skills) / TOEFL iBT: 90 (min 18 in all skills)
- IELTS: 6.5 (min 6.0 in all skills) / TOEFL iBT: 90 (min 21 in all skills)
- ▲ IELTS: 7.0 (min 6.0 in all skills) / TOEFL iBT: 100 (min 21 in all skills)
- IELTS: 7.0 (min 7.0 in all skills) / TOEFL iBT: 100 (min 21 in all skills)

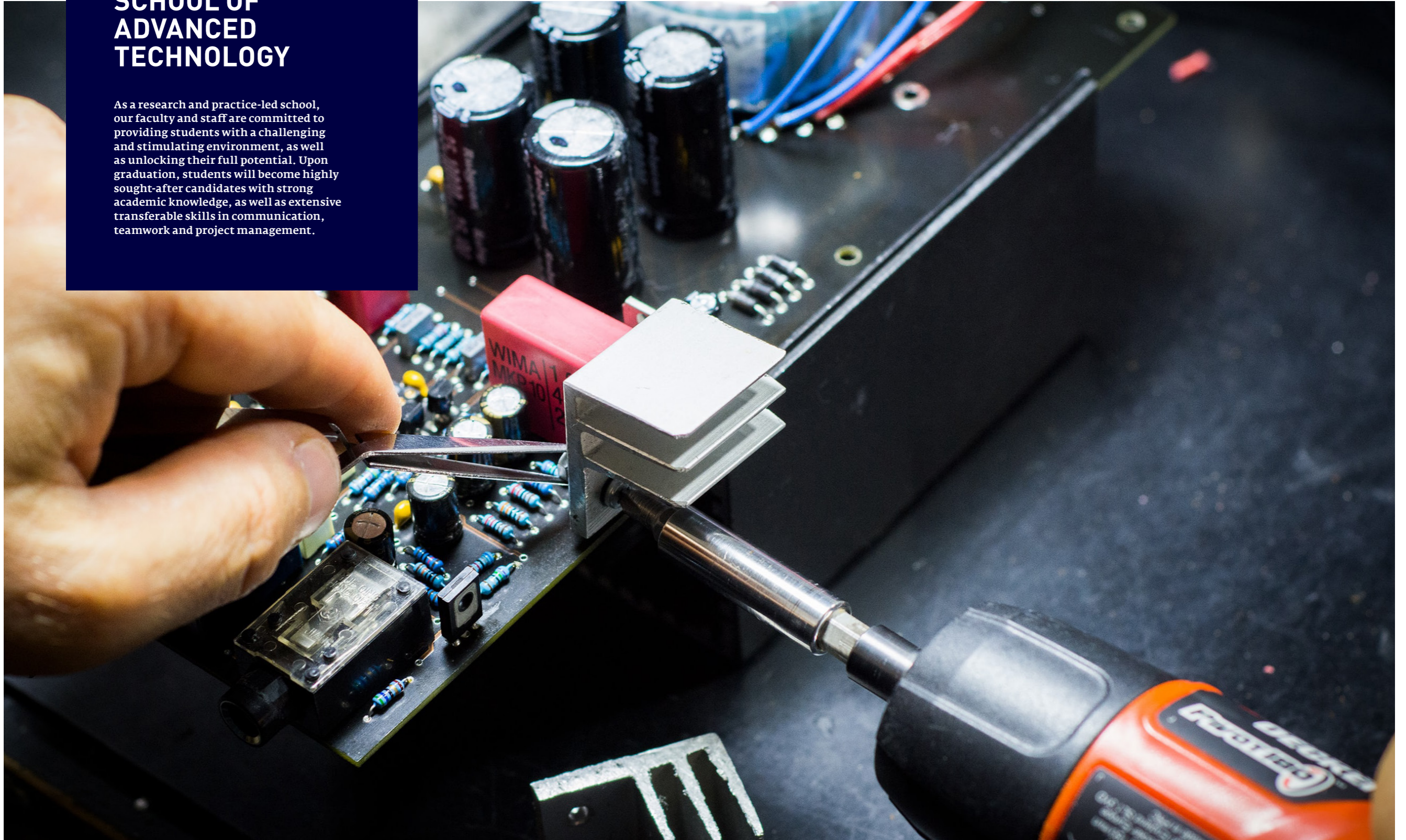
MINIMUM ENTRY REQUIREMENTS

UK: 2:1 or equivalent
China: Overall weighted average 75–85%, depending on the institution.
North America: GPA 3.0 out of 4 or 3.2 in the final two years of UG study



SCHOOL OF ADVANCED TECHNOLOGY

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



APPLIED INFORMATICS MSc

Computer Systems have become an increasingly important part of our society and our working lives. Virtually all modern organisations rely heavily on computer systems, creating a huge demand for suitably qualified computing professionals.

The MSc Applied Informatics programme will train you for advanced technical or managerial roles in computing areas such as finance informatics, information systems or telecommunications.

During the programme, you will conduct a 12-month extensive research project of your choice that leads to submission of a dissertation.

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



WHAT YOU WILL LEARN

By the time you graduate from the MSc Applied Informatics, you will have:

- theoretical and practical knowledge of key technological and business areas in the IT industry
- practical skills in research, analysis, realisation and evaluation of IT systems including the write-up of technical and research documents
- the ability to apply your skills in management, design and implementation of IT-based solutions in different application domains.

WHY STUDY APPLIED INFORMATICS AT XJTLU?

- Learn in-depth knowledge about the development of quality computer-assisted solutions to problems, the design and management of efficient and effective problem-solving processes, based on the modern methods and frameworks of informatics;
- Gain skills and knowledge for working across a wide range of industries in a rich interdisciplinary environment;
- Engage in research under the supervision of staff with the possibility of presenting your results at international conferences and publishing in leading journals;
- Take advantage of placement opportunities for career development and practical experience to complement your theoretical studies;
- Earn a University of Liverpool degree that is recognised by the Chinese Ministry of Education.

CAREERS AND FURTHER STUDY

Graduates from this programme are well prepared for roles such as systems analyst, manager, software engineer, application architect, developer and project leaders in the IT industry. The programme also offers a solid foundation for graduates interested in pursuing a PhD programme either in China or abroad.



ATTENDANCE

Full time



DURATION

18 months



QUALIFICATION

University of Liverpool
MSc Applied Informatics

MODULES

COMPULSORY MODULES

RESEARCH METHODS
DATA MINING AND BIG DATA ANALYTICS
SOFTWARE ARCHITECTURES
TECHNOLOGICAL PROJECT MANAGEMENT
DISSERTATION PROJECT

ADDITIONAL ACTIVITIES

The university offers a broad range of activities aiming to enrich master students' theoretical and experiential learning and professional development. Trainings, workshops and seminars, covering varieties of themes and topics, both generic and subject-specific, will be offered at both university and school/department levels. You will also be provided with opportunities to work as a teaching assistant, research assistant, or intern at XJTLU. Depending on the programme, field trips and company visits may be organized, and invited talks may be given by the industrial experts and professionals. All these activities will not only support you in your programme study, but also develop your personal and professional skills and enhance your overall employability.

OPTIONAL MODULES

OBJECT ORIENTED PROGRAMMING
INTERACTIVE SYSTEMS
MACHINE LEARNING
IMAGE AND VIDEO PROCESSING
MOBILE COMMUNICATIONS
COMPUTATIONAL METHODS IN FINANCE
SOCIAL WEB PROGRAMMING
SOCIAL NETWORK ANALYSIS
PRINCIPLES OF COMPUTER GAMES DESIGN
COMPUTER SYSTEMS SECURITY

COMPUTER SCIENCE MRes

We live in a world where technology, underpinned by computer science, touches almost all aspects of our daily lives. In the rapidly changing field of computer science, new opportunities are constantly being created for innovative professionals who can understand, analyse and harness technology to improve the way we live and work.

The MRes Computer Science programme is designed to develop your research skills while allowing you to specialise in a specific field of study in computer science discipline. Depending on your interests and career goals, you can choose to specialise in any one of a variety of emerging areas such as Artificial Intelligence, Visual Analytics, Big Data Analysis, Robotics or Virtual Reality.

The programme will prepare you for future employment in a specialised area of the IT industry or for a career in academic research or industrial research and development.

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



WHAT YOU WILL LEARN

By the time you graduate from the MRes Computer Science programme, you will have:

- an advanced understanding of the theoretical fundamentals of current trends in computer science
- knowledge of state-of-the-art key research issues in specialised areas of computer science
- skills in project management and the design, implementation and evaluation of IT solutions.

WHY STUDY COMPUTER SCIENCE AT XJTLU?

- Engage in research under the supervision of staff with the possibility of presenting your results at international conferences and publishing in leading journals;
- Benefit from the Research Institute of Big Data Analytics at XJTLU, developed in collaboration with IBM and the Suzhou International Science-Park Data Centre;
- Gain skills and knowledge for working across a wide range of industries in a rich interdisciplinary environment;
- Take advantage of placement opportunities for career development and practical experience to complement your theoretical studies;
- Earn a University of Liverpool degree that is recognised by the Chinese Ministry of Education;

CAREERS AND FURTHER STUDY

Graduates from this programme will be well-prepared for employment in positions such as research and development engineer, systems developer and project leader in IT companies. The programme also offers a solid foundation to pursue a PhD and a career in research.

✓ **ATTENDANCE**
Full time

🕒 **DURATION**
18 months

🎓 **QUALIFICATION**
University of Liverpool
MRes Computer Science

MODULES

COMPULSORY MODULES

RESEARCH METHODS
TECHNOLOGICAL PROJECT MANAGEMENT
DISSERTATION PROJECT FOR MRES COMPUTER SCIENCE

OPTIONAL MODULES

OBJECT-ORIENTED PROGRAMMING
INTERACTIVE SYSTEMS
CLOUD COMPUTING
DATA MINING AND BIG DATA ANALYTICS
MACHINE LEARNING

ADDITIONAL ACTIVITIES

The university offers a broad range of activities aiming to enrich master students' theoretical and experiential learning and professional development. Trainings, workshops and seminars, covering varieties of themes and topics, both generic and subject-specific, will be offered at both university and school/department levels. You will also be provided with opportunities to work as a teaching assistant, research assistant, or intern at XJTLU. Depending on the programme, field trips and company visits may be organized, and invited talks may be given by the industrial experts and professionals. All these activities will not only support you in your programme study, but also develop your personal and professional skills and enhance your overall employability.

FINANCIAL COMPUTING MSc

With the rapid advancement of computing technology, there is an increasing demand in the dynamic and challenging environment of financial services, for a variety of tech-savvy talent to deliver business solutions on a global scale.

The MSc Financial Computing programme addresses market demand and will train you for advanced technical or managerial roles in new and emerging interdisciplinary areas that combine computer science and finance. You will graduate with the computational techniques and financial knowledge to deliver effective and innovative business solutions.

You will have access to specialist lab facilities for operating systems, networking, mobile computing and multimedia technology that will support your learning and research.

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



WHAT YOU WILL LEARN

By the time you graduate from the MSc Financial Computing programme, you will have:

- theoretical and practical knowledge of key areas of finance and computing in both industry and research
- a solid understanding of the latest technology and applications for the finance industry, such as big data and business analytics
- practical skills in research, analysis, realisation and evaluation of technical or research documents in financial computing.

WHY STUDY FINANCIAL COMPUTING AT XJTU?

- Take advantage of the Financial Lab and Trading Floor located on campus, which gives you access to a world of data for study and research purposes;
- Benefit from the Research Institute of Big Data Analytics at XJTU, developed in collaboration with IBM and the Suzhou International Science-Park Data Centre;
- Earn a University of Liverpool degree that is recognised by the Chinese Ministry of Education.

CAREERS AND FURTHER STUDY

Graduates from this programme are well prepared roles such as software engineer, database specialist, infrastructure manager, financial analyst, financial consultant, business analyst, system analyst, investment analyst, e-finance architect, credit manager, portfolio manager, business intelligence executive, wealth services officer, and risk management auditor.

MODULES

COMPULSORY MODULES

Computing Graduates:

RESEARCH METHODS
DATA MINING AND BIG DATA ANALYTICS
ACCOUNTING AND FINANCIAL MANAGEMENT
SOFTWARE ARCHITECTURES
MSC DISSERTATION PROJECT

Finance Graduates:

RESEARCH METHODS
DATABASES AND DATA MANAGEMENT
OBJECT-ORIENTED PROGRAMMING
ADVANCED DERIVATIVES
DATA MINING AND MACHINE LEARNING
MSC DISSERTATION PROJECT

Other Graduates:

RESEARCH METHODS
DATABASES AND DATA MANAGEMENT
OBJECT-ORIENTED PROGRAMMING
ACCOUNTING AND FINANCIAL MANAGEMENT
DATA MINING AND MACHINE LEARNING
MSC DISSERTATION PROJECT

ADDITIONAL ACTIVITIES

The university offers a broad range of activities aiming to enrich master students' theoretical and experiential learning and professional development. Trainings, workshops and seminars, covering varieties of themes and topics, both generic and subject-specific, will be offered at both university and school/department levels. You will also be provided with opportunities to work as a teaching assistant, research assistant, or intern at XJTU. Depending on the programme, field trips and company visits may be organized, and invited talks may be given by the industrial experts and professionals. All these activities will not only support you in your programme study, but also develop your personal and professional skills and enhance your overall employability.

✓ ATTENDANCE
Full time

🕒 DURATION
18 months

🎓 QUALIFICATION
University of Liverpool
MSc Financial
Computing

OPTIONAL MODULES

Computing Graduates:

INTERACTIVE SYSTEMS
CLOUD COMPUTING
MACHINE LEARNING
COMPUTER SYSTEMS SECURITY
SOCIAL WEB PROGRAMMING
ALTERNATIVE INVESTMENTS AND STRATEGIES
ADVANCED CORPORATE FINANCE
INTERNATIONAL FINANCE AND ECONOMICS
ADVANCED INVESTMENTS

Finance Graduates:

DATA MINING AND MACHINE LEARNING
SOFTWARE ARCHITECTURES
COMPUTER SYSTEMS SECURITY
INTERNATIONAL FINANCE AND ECONOMICS
ALTERNATIVE INVESTMENTS AND STRATEGIES
ADVANCED CORPORATE FINANCE
ADVANCED INVESTMENTS

Other Graduates:

DATA MINING AND MACHINE LEARNING
SOFTWARE ARCHITECTURES
COMPUTER SYSTEMS SECURITY
INTERNATIONAL FINANCE AND ECONOMICS
ALTERNATIVE INVESTMENTS AND STRATEGIES
ADVANCED CORPORATE FINANCE
ADVANCED INVESTMENTS

HUMAN-COMPUTER INTERACTION MSc

Human-Computer Interaction (HCI) has become one of the most important areas for the success of modern computing technologies and software applications. Specialists with skills in HCI are in great demand to help deliver solutions within increasingly dynamic and complex environments and for increasingly diverse uses.

The MSc Human-Computer Interaction programme aims to address the market demand for HCI professionals able to apply their skills to design, implement, and evaluate traditional and emergent 'interactive technologies'. This programme integrates the latest research advances in the field of HCI, powering a unique research-led teaching and learning environment. The knowledge and skills offered by this programme can be applied to an ever-growing range of areas:

- Artificial intelligence and robotics
- Information visualisation and data analytics
- Digital entertainment and mobile applications
- Social media development
- Virtual/augmented/mixed reality applications.

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

WHAT YOU WILL LEARN

By the time you graduate from the MSc Human-Computer Interaction programme, you will have:

- In-depth understanding of the latest developments in the field of HCI and related disciplines
- Theoretical and practical knowledge in designing, developing, and evaluating new human-centric interactive technologies and applications
- Advanced capabilities in the creation and improvement of innovative technologies.

WHY STUDY HUMAN-COMPUTER INTERACTION AT XJTLU?

- Tailor your studies to suit your career ambitions with modules such as human-robot interaction, information visualisation, artificial intelligence and more
- Benefit from specialised on-campus lab facilities for virtual reality, augmented reality, tactile/tangible/mid-air gesture-based interaction interfaces and other technologies
- Engage in research under the supervision of staff with the possibility of presenting your results at international conferences and publishing in leading journals
- Earn a University of Liverpool degree that is recognised by the Chinese Ministry of Education.

CAREERS AND FURTHER STUDY

In addition to offering a solid foundation for future PhD pursuits and careers in research, graduates from this programme will be able to perform roles including:

- Usability analyst/specialists
- User experience designers
- Human factor engineers
- Application developers
- Interaction designers
- Video-game designers/developers
- Computer-robot interaction specialists
- Information engineers.

MODULES

CORE MODULES

SEMESTER ONE: COMPULSORY MODULES

RESEARCH METHODS
INTERACTIVE SYSTEMS
EVALUATION METHODS AND STATISTICS

OPTIONAL MODULES

MOBILE COMPUTING
OBJECT ORIENTED PROGRAMMING

✓ **ATTENDANCE**
Full time

🕒 **DURATION**
18 months

🎓 **QUALIFICATION**
University of Liverpool
MSc Human-Computer
Interaction

SEMESTER TWO: COMPULSORY MODULES

ARTIFICIAL INTELLIGENCE
HUMAN-ROBOT INTERACTION
INFORMATION VISUALIZATION

OPTIONAL MODULES

PRINCIPLES OF COMPUTER GAMES DESIGN
SOCIAL WEB PROGRAMMING
DATA MINING AND MACHINE LEARNING
DEEP LEARNING IN COMPUTER VISION

SEMESTER THREE: DISSERTATION PROJECT

LOW CARBON ELECTRICAL POWER AND ENERGY TECHNOLOGY MRes

The MRes Low Carbon Electrical Power and Energy Technology programme provides you with advanced and systematic education and training in the areas of electronic science and technology.

Designed in response to the rapid development of electric power and energy technology in China and worldwide, the programme contains modules covering solar converters, wind power systems, energy storage technology and smart grids.

There is a strong emphasis on hands-on experience and practical skills development. A 12-month extensive research project is required which leads to submission of a dissertation after students have finished the taught modules.

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

WHAT YOU WILL LEARN

By the time you graduate from the MRes Low Carbon Electrical Power and Energy Technology programme, you will have:

- an understanding of state-of-the-art electrical power and energy technology
- the ability to research and critically evaluate trends in current technologies of energy management, sustainability, renewable energy and nuclear energy
- skills in planning, project management and communicating complex ideas
- experience in conducting extended research and developing project work.

WHY STUDY LOW CARBON ELECTRICAL POWER AND ENERGY TECHNOLOGY AT XJTLU?

- Learn in world-class facilities with advanced experimental equipment, including a network analyser, power analyser and electrical machine testing system;
- Engage in cutting-edge research areas such as intelligent and efficient utilisation of emerging electrical power and energy technologies;
- Benefit with the University's close links with international universities, research centres and industry;
- Earn a University of Liverpool degree that is recognised by the Chinese Ministry of Education.

CAREERS AND FURTHER STUDY

Graduates from this programme are well prepared for roles in research and development, particularly in the area of electrical power and energy. Graduates may find employment in positions such as electric power system engineer, electric power system consultant, electrical technology consultant, electric power project manager, and sustainable cities and building design consultant.

✓ **ATTENDANCE**
Full time

🕒 **DURATION**
18 months

🎓 **QUALIFICATION**
University of Liverpool
MRes Low Carbon
Electrical Power and
Energy Technology

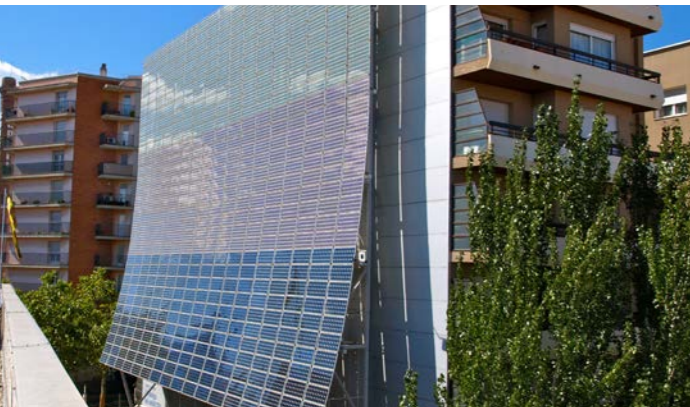
MODULES

COMPULSORY MODULES

SUSTAINABLE ENERGY AND ENVIRONMENT
NUCLEAR ENERGY TECHNOLOGY
POWER SYSTEM NETWORK AND SMART GRID
RESEARCH METHODS
MRES PROJECT (DISSERTATION)

ADDITIONAL ACTIVITIES

The university offers a broad range of activities aiming to enrich master students' theoretical and experiential learning and professional development. Trainings, workshops and seminars, covering varieties of themes and topics, both generic and subject-specific, will be offered at both university and school/department levels. You will also be provided with opportunities to work as a teaching assistant, research assistant, or intern at XJTLU. Depending on the programme, field trips and company visits may be organized, and invited talks may be given by the industrial experts and professionals. All these activities will not only support you in your programme study, but also develop your personal and professional skills and enhance your overall employability.



MULTIMEDIA TELECOMMUNICATIONS MSc

Artificial intelligence (AI) is playing an increasingly important role in our lives with many traditional jobs expected to be replaced by machines operating with AI technology.

This programme equips you to become a leader in this dynamic, technology-driven era by giving you specialised knowledge of AI technologies including deep learning, computer vision, and image and video processing.

With focus on multimedia and wireless communications, you will learn about the technical characteristics of a wide range of technologies and systems, including 4G and 5G for mobile networking.

It is technologically challenging to deliver multimedia applications and services efficiently over emerging and diverse wireless networks. This programme is designed to help you meet this challenge as an engineer with a deep understanding of wireless and multimedia technologies.

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



WHAT YOU WILL LEARN

By the time you graduate from the MSc Multimedia Communications, you will have:

- an advanced understanding of cutting-edge technologies, giving you a competitive edge in the job market
- the ability to work in complex professional environments and find innovative solutions for technical problems.

WHY STUDY MULTIMEDIA TELECOMMUNICATIONS AT XJTLU?

- Learn how emerging networking systems enable new applications including triple services for mobile networks, digital television, video streaming, interactive gaming, navigation services, and emergency and healthcare applications;
- Study on a world-class campus with excellent research facilities and advanced experimental equipment;
- Gain practical experience through opportunities to participate in national or industry-funded projects;
- Earn a University of Liverpool degree that is recognised by the Chinese Ministry of Education.

CAREERS AND FURTHER STUDY

Graduates from this programme are well prepared to pursue careers in the fields of image and video communications, artificial intelligence and computer vision. Graduates go on to find employment in roles such as multimedia systems engineer, artificial intelligence developer, multimedia system and information technology consultant, mobile projects manager, wireless and mobile communication consultant, and in a range of leadership positions in the multimedia and communications industry.

MODULES

COMPULSORY MODULES

DEEP LEARNING IN COMPUTER VISION
IMAGE AND VIDEO PROCESSING
DATA COMMUNICATION AND COMMUNICATION NETWORKS
ADVANCED PATTERN RECOGNITION
ADVANCED SIGNAL PROCESSING
MOBILE COMMUNICATIONS
MULTIMEDIA COMMUNICATIONS
CODING AND CRYPTOGRAPHY
MSC DISSERTATION PROJECT

ADDITIONAL ACTIVITIES

The university offers a broad range of activities aiming to enrich master students' theoretical and experiential learning and professional development. Trainings, workshops and seminars, covering varieties of themes and topics, both generic and subject-specific, will be offered at both university and school/department levels. You will also be provided with opportunities to work as a teaching assistant, research assistant, or intern at XJTLU. Depending on the programme, field trips and company visits may be organized, and invited talks may be given by the industrial experts and professionals. All these activities will not only support you in your programme study, but also develop your personal and professional skills and enhance your overall employability.

✓ **ATTENDANCE**
Full time

🕒 **DURATION**
18 months

👤 **ACCREDITATION**
IET

🎓 **QUALIFICATION**
University of Liverpool
MSc Multimedia
Telecommunications

PATTERN RECOGNITION AND INTELLIGENT SYSTEMS MRes

This research-intensive programme develops advanced skills, education and training in the areas of artificial intelligence research, including pattern recognition, computer vision, machine intelligence, and intelligent systems.

With a strong emphasis on hands-on experience and practical skills development, you will gain in-depth knowledge and understanding of topics such as advanced pattern recognition, deep learning in computer vision, image and video processing, and reinforcement learning.

After successfully completing all taught modules, students are required to carry out a one-year-long research project.

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



WHAT YOU WILL LEARN

By the time you graduate from the MRes Pattern Recognition and Intelligent Systems, you will be able to:

- use knowledge and theories to solve practical problems in the field of image processing, video processing, and computer vision;
- use mathematical knowledge and theories to solve practical problems in the field of pattern recognition, machine learning, deep learning and reinforcement learning;
- demonstrate a deep understanding of research methods and creative problem-solving skills: identifying engineering problems and the critical analysis, design and implementation of an innovative solution;
- work productively with improved organisation, information handling and project management skills.

WHY STUDY PATTERN RECOGNITION AND INTELLIGENT SYSTEMS AT XJTLU?

- Take advantage of excellent research facilities equipped with advanced experimental equipment and modern computer labs, supported by world-class research experts in the area of machine learning and pattern recognition;
- Work in cutting-edge research areas and have close cooperation with famous research institutes and industry to solve major challenges;
- Gain advanced research skills in a fast-growing field with good job prospects around the world.
- Taught in English by highly-experienced academic staff with wide variety of international backgrounds;
- Earn a University of Liverpool degree that is recognised by the Chinese Ministry of Education.

CAREERS AND FURTHER STUDY

There is huge market demand for research expertise in the areas of pattern recognition, machine intelligence, deep learning, and computer vision.

Graduates from this programme will be equipped with the skills and knowledge needed to go on to doctoral training or professional practice in research & development engineering companies such as Microsoft, Google, Facebook, Baidu, Alibaba or Tencent.

MODULES

COMPULSORY MODULES

DEEP LEARNING IN COMPUTER VISION
IMAGE AND VIDEO PROCESSING
ADVANCED PATTERN RECOGNITION
REINFORCEMENT LEARNING
MRES DISSERTATION PROJECT

✓ ATTENDANCE
Full time

🕒 DURATION
18 months

🎓 QUALIFICATION
University of Liverpool
MRes Pattern Recognition
and Intelligent Systems

ADDITIONAL ACTIVITIES

The university offers a broad range of activities aiming to enrich master students' theoretical and experiential learning and professional development. Trainings, workshops and seminars, covering varieties of themes and topics, both generic and subject-specific, will be offered at both university and school/department levels. You will also be provided with opportunities to work as a teaching assistant, research assistant, or intern at XJTLU. Depending on the programme, field trips and company visits may be organized, and invited talks may be given by the industrial experts and professionals. All these activities will not only support you in your programme study, but also develop your personal and professional skills and enhance your overall employability.

SOCIAL COMPUTING MSc

The internet revolution has generated a social interactive environment that creates new business opportunities for enterprises. The MSc Social Computing programme addresses this market demand by providing you with training for understanding, managing, developing, implementing and commercialising interactive social media on the internet.

There are growing employment opportunities in this emerging field with many international software development enterprises such as Microsoft and Google, equipped with their own social computing and media development teams. A number of IT enterprises, including Apple and Oracle, own products with social computing functions while many companies successfully turn significant profits through social network sites such as Facebook, Amazon and TaoBao.

You will graduate equipped with the knowledge and skills to forge a successful career in the new interdisciplinary area of social informatics and internet computing.

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



WHAT YOU WILL LEARN

By the you graduate from the MSc Social Computing, you will have:

- theoretical and practical knowledge of key areas of social business and social computing in both industry and research
- the ability to apply your skills in management, design and implementation of IT-based solutions to social business and computation domains
- practical skills in research, analysis, realisation and evaluation of technical or research documents in social commerce and social computing.

WHY STUDY SOCIAL COMPUTING AT XJTLU?

- Benefit from specialist lab facilities for operating systems, networking, mobile computing and multimedia technology located on campus;
- Take advantage of XJTLU's strategic location close to many international high tech companies with opportunities for networking, internships and site visits;
- Tailor your studies to suit your career ambitions with modules in big data analytics, computer systems security and more available;
- Earn a University of Liverpool degree that is recognised by the Chinese Ministry of Education.

CAREERS AND FURTHER STUDY

Graduates from this programme are well prepared for positions such as research and development engineer, systems developer, and project leader in IT companies. The programme also offers a solid foundation to pursue further study at a doctoral level.

✓ **ATTENDANCE**
Full time

🕒 **DURATION**
18 months

🎓 **QUALIFICATION**
University of Liverpool
MSc Social Computing

MODULES

COMPULSORY MODULES

RESEARCH METHODS
CLOUD COMPUTING
SOCIAL MEDIA MARKETING
SOCIAL WEB PROGRAMMING
SOCIAL NETWORK ANALYSIS
PROJECT MANAGEMENT
MSC DISSERTATION PROJECT

OPTIONAL MODULES

OBJECT-ORIENTED PROGRAMMING
INTERACTIVE SYSTEMS
DATA MINING AND BIG DATA ANALYTICS
COMPUTER SYSTEMS SECURITY
SOCIAL COMMERCE

ADDITIONAL ACTIVITIES

The university offers a broad range of activities aiming to enrich master students' theoretical and experiential learning and professional development. Trainings, workshops and seminars, covering varieties of themes and topics, both generic and subject-specific, will be offered at both university and school/department levels. You will also be provided with opportunities to work as a teaching assistant, research assistant, or intern at XJTLU. Depending on the programme, field trips and company visits may be organized, and invited talks may be given by the industrial experts and professionals. All these activities will not only support you in your programme study, but also develop your personal and professional skills and enhance your overall employability.

SUSTAINABLE ENERGY TECHNOLOGY MSc

Designed in response to a growing skills shortage of engineers with a high level of training in renewable energy, smart grids and sustainability, the MSc Sustainable Energy Technology programme provides you with an advanced education in the fields of sustainable energy generation, distribution and consumption.

You will gain a thorough understanding of sustainability standards, various renewable energies, smart grid and power electronics for renewable energy and energy use management in buildings, urban design and other areas.

You will graduate ready to forge a successful career in sustainable energy technology, where recent developments have led to many job opportunities opening up in industry, government institutions and research centres.

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



WHAT YOU WILL LEARN

By the time you graduate from the MSc Sustainable Energy Technology, you will have:

- hands-on experience working with advanced experimental equipment including a network analyser, power analyser, Dspace controller, wind turbine and PV testing system
- knowledge of the latest sustainability energy technology and strategies and how to apply them in a practical context
- the ability to work in complex professional environments and find innovative solutions for technical problems.

WHY STUDY SUSTAINABLE ENERGY TECHNOLOGY AT XJTLU?

- Study in world-class facilities including a power electronics laboratory equipped with advanced experimental equipment, a sustainable energy laboratory equipped with a 600W wind turbine, two 270W solar modules, batteries, an inverter with sinusoidal output and main controller and an electric machine and power system laboratory
- Engage in cutting-edge research areas such as the intelligent and efficient utilisation of solar, wind energy and other renewable energy sources
- Benefit with the University's close links with international universities, research centres and industry
- Earn a University of Liverpool degree that is recognised by the Chinese Ministry of Education.

CAREERS AND FURTHER STUDY

Graduates from this programme are well prepared for positions such as electric power system engineer, electric power projects manager, and sustainable cities and building design consultant. Graduates may go on to work with industry and government to implement sustainable energy technologies within existing or new systems, and model and evaluate of their impact on ecosystems, economics and society.

✓ **ATTENDANCE**
Full time

🕒 **DURATION**
18 months

👤 **ACCREDITATION**
IET

🎓 **QUALIFICATION**
University of Liverpool
MSc Sustainable Energy
Technology

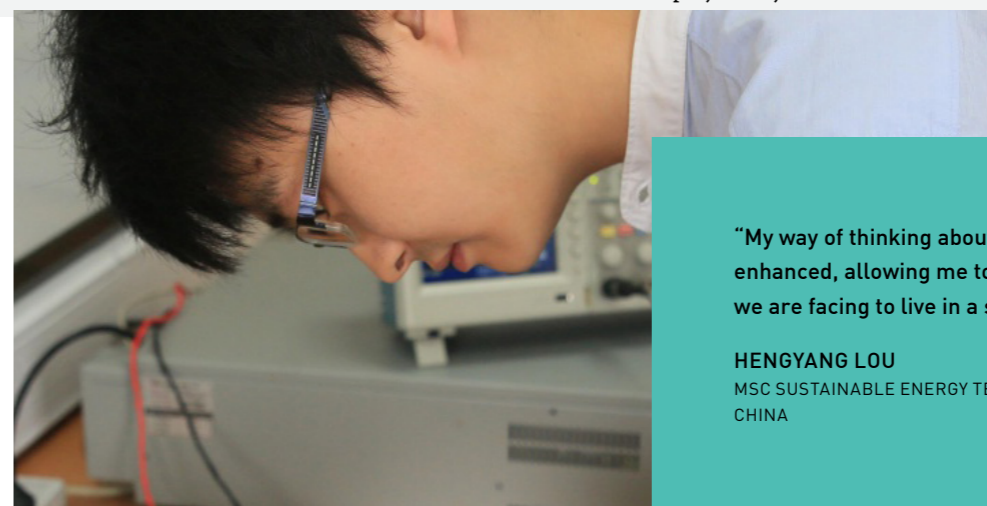
MODULES

COMPULSORY MODULES

SUSTAINABLE ENERGY AND ENVIRONMENT
NUCLEAR ENERGY TECHNOLOGY
POWER SYSTEM NETWORK AND SMART GRID
INTEGRATION OF ENERGY STRATEGIES IN THE DESIGN OF BUILDINGS
PHOTOVOLTAIC ENERGY TECHNOLOGY
RENEWABLE KINETIC ENERGY TECHNOLOGIES
POWER ELECTRONICS AND APPLICATIONS FOR RENEWABLE ENERGY
SUSTAINABLE URBAN PLANNING STRATEGIES
MSC PROJECT

ADDITIONAL ACTIVITIES

The university offers a broad range of activities aiming to enrich master students' theoretical and experiential learning and professional development. Trainings, workshops and seminars, covering varieties of themes and topics, both generic and subject-specific, will be offered at both university and school/department levels. You will also be provided with opportunities to work as a teaching assistant, research assistant, or intern at XJTLU. Depending on the programme, field trips and company visits may be organized, and invited talks may be given by the industrial experts and professionals. All these activities will not only support you in your programme study, but also develop your personal and professional skills and enhance your overall employability.



“My way of thinking about renewable energy has been enhanced, allowing me to understand major challenges we are facing to live in a sustainable environment.”

HENGYANG LOU
MSc SUSTAINABLE ENERGY TECHNOLOGY
CHINA



DESIGN SCHOOL

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



ARCHITECTURAL DESIGN MArch

The Master of Architectural Design educates the next generation of forward-looking global architects who have the necessary cross-cultural awareness, social and environmental responsibility, creative and critical capability, technical competence and professional attitude to enable ongoing and future transformations in the globalised building environment.

Combining an international perspective with insight into China's rapid urbanisation, the programme includes both architectural design studios and humanistic and technical modules. A student-centred learning environment offers opportunities for design-driven research and individual experimental enquiry to foster your conceptual design skills as well as research skills in preparation for both professional practice and PhD-level studies.

Students graduating from the programme qualify for Royal Institute of British Architects (RIBA) Part 2 validation, which is the second out of three stages in the formal educational process required to register as a professional architect in the United Kingdom.



WHAT YOU WILL LEARN

By the time you graduate from the Master of Architectural Design, you will have:

- the ability to generate complex design proposals - showing understanding of current architectural issues and originality
- competence in a comprehensive range of visual, oral and written media to test, analyse, critically appraise and explain design proposals
- the ability to creatively evaluate materials, processes and techniques that apply to complex architectural designs and building construction
- critical understanding of how knowledge is advanced through research
- an understanding of the architecture and the construction industry
- problem solving skills, professional judgement, and the confidence make decisions in complex and unpredictable circumstances.

WHY STUDY ARCHITECTURAL DESIGN AT XJTLU?

- Graduate from the only postgraduate architecture programme in mainland China validated by the Royal Institute of British Architects (RIBA) for the RIBA Part 2;
- Gain hands-on experience through internships and design studios taught by practitioners from local and international firms, focussing on a number of key themes including urban development and regeneration, sustainable living, and digital design and fabrication;
- Engage with the local Chinese context while maintaining an international perspective;
- Learn from international academic staff with opportunities to contribute to current research projects and papers and to work as teaching and research assistants;
- Earn a University of Liverpool degree that is recognised by the Chinese Ministry of Education.

CAREERS AND FURTHER STUDY

Graduates from this programme have an appropriate foundation for employment in the architectural profession at an advanced level. Graduates enjoy excellent employment opportunities in the building and creative industries, in local and international architecture firms, as well as in architecture administration, research and higher education institutions. The programme also provides a solid foundation for pursuing a PhD.



ATTENDANCE

Full time



DURATION

24 months



ACCREDITATION

RIBA Part 2



QUALIFICATION

University of Liverpool
Master of Architectural
Design

MODULES

SEMESTER ONE

APPLIED TECHNOLOGY IN ARCHITECTURE

DESIGN STUDIO 1

ARCHITECTURAL THEORY AND CRITICISM

SEMESTER TWO

ADVANCED PROFESSIONAL PRACTICE

DESIGN STUDIO 2

TOPICS IN ARCHITECTURAL HISTORY

SEMESTER THREE

ARCHITECTURAL DESIGN AND RESEARCH METHODS

PRACTICE BASED ENQUIRY AND ARCHITECTURAL REPRESENTATION

DESIGN STUDIO 3

SEMESTER FOUR

THESIS

DESIGN STUDIO 4

ADDITIONAL ACTIVITIES

The university offers a broad range of activities aiming to enrich master students' theoretical and experiential learning and professional development. Trainings, workshops and seminars, covering varieties of themes and topics, both generic and subject-specific, will be offered at both university and school/department levels. You will also be provided with opportunities to work as a teaching assistant, research assistant, or intern at XJTLU. Depending on the programme, field trips and company visits may be organized, and invited talks may be given by the industrial experts and professionals. All these activities will not only support you in your programme study, but also develop your personal and professional skills and enhance your overall employability.

CIVIL ENGINEERING MSc

The MSc Civil Engineering programme incorporates all of the contemporary key elements of engineering design in the built environment.

During the programme, you will develop a high level of knowledge and skills in the fields of structural engineering, construction management, geotechnical engineering and innovative construction materials.

The MSc Civil Engineering programme embraces research-led teaching, where the students are actively engaged by accomplishing technical tasks, either in the form of group work or individual projects.

Comprising two semesters of taught modules, this programme also includes undertaking a research dissertation during the third semester.

The programme is accredited by the Joint Board of Moderators (JBM) as meeting the requirements for Further Learning for a Chartered Engineer (CEng), for candidates who have already acquired a partial CEng accredited undergraduate first degree.

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



WHAT YOU WILL LEARN

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

- independent critical thinking skills, which are key for the development of professional engineering insight
- a solid understanding of the theoretical aspects of the recent advances in civil engineering fields
- the ability to work in complex professional environments and find innovative solutions for technical problems.

WHY STUDY CIVIL ENGINEERING AT XJTLU?

- Graduate from a programme accredited by one of the world's most powerful professional bodies, the UK Joint Board of Moderators;
- Learn in an international environment with highly engaged staff who are experienced in both academia and industry;
- Earn a University of Liverpool degree that is recognised by the Chinese Ministry of Education;

CAREERS AND FURTHER STUDY

Graduates from this programme are well prepared for roles such as consultant or site manager in the construction industry, as well as similar positions in government, and in water management and infrastructure facilities. Graduates can also find employment as structural engineers, geotechnical engineers, hydraulic and hydrologic engineers, quantity surveyors and quality managers.



✓ **ATTENDANCE**
Full time
Part time

🕒 **DURATION**
18 months
36 months

👤 **ACCREDITATION**
JBM

🎓 **QUALIFICATION**
University of Liverpool
MSc Civil Engineering

MODULES

COMPULSORY MODULES

SUSTAINABLE TECHNOLOGY AND BUILDING MATERIALS
SUSTAINABLE DRAINAGE SYSTEMS
CRITICAL STATE SOIL MECHANICS
ADVANCED CONSTRUCTION MANAGEMENT
SUSTAINABLE ENGINEERING WITH TIMBER
ENVIRONMENTAL ENGINEERING AND MANAGEMENT PRACTICE
ADVANCED SIMULATION OF SUSTAINABLE STRUCTURAL SYSTEMS
ADVANCED STRUCTURAL DESIGN
DISSERTATION.

ADDITIONAL ACTIVITIES

The university offers a broad range of activities aiming to enrich master students' theoretical and experiential learning and professional development. Trainings, workshops and seminars, covering varieties of themes and topics, both generic and subject-specific, will be offered at both university and school/department levels. You will also be provided with opportunities to work as a teaching assistant, research assistant, or intern at XJTLU. Depending on the programme, field trips and company visits may be organized, and invited talks may be given by the industrial experts and professionals. All these activities will not only support you in your programme study, but also develop your personal and professional skills and enhance your overall employability.



CONSTRUCTION MANAGEMENT MSc

In fast-growing countries around the world, there have been huge developments in urbanisation, infrastructure and city growth. The need to accommodate this growth requires a trained, professional workforce skilled at construction management and construction engineering techniques.

The MSc Construction Management meets this need with an interdisciplinary programme focused on the management of construction engineering projects. It covers advanced knowledge of management, economics, information engineering, civil engineering, environmental engineering, and technologies.

The design of this programme integrates social, economic and environmental aspects into construction engineering projects' life cycle; and addresses the importance of sustainability in construction to ensure that construction is carried out with limited environmental impact, or adverse impact on society.

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



WHAT YOU WILL LEARN

By the time you graduate from the MSc Construction Management, you will be able to:

- apply advances in construction technologies, financing and methods to underscore the need for a sound and sustainable management of construction projects;
- understand organisational structures, business models, and the capability of implementing and applying new technologies into practice;
- work productively with improved organisation, information handling and project management skills;

WHY STUDY CONSTRUCTION MANAGEMENT AT XJTLU?

- **Designed for working professionals who wish to learn specialised engineering management techniques covering planning, design, and construction of an engineering project through a project's life cycle;**
- **Continue your journey in construction management both in and outside China to become a chartered builder with a focus on critical thinking and independent learning;**
- **Taught in English by highly-experienced academic staff with wide variety of international backgrounds;**
- **Earn a University of Liverpool degree that is recognised by the Chinese Ministry of Education;**

CAREERS AND FURTHER STUDY

The construction industry in China and around the world is calling out for graduates to take on specialised managerial roles in this dynamic fast changing industry. The programme is designed to meet the growing need for professionals with advanced technical, engineering, management and applied research skills not only in the construction industry but also related industries.



ATTENDANCE

Full time
Part time



DURATION

18 months
36 months



QUALIFICATION

University of Liverpool
MSc Construction Management

MODULES

COMPULSORY MODULES

FUNDAMENTALS OF PROJECT MANAGEMENT
ADVANCED CONSTRUCTION MANAGEMENT
PROJECT RISK MANAGEMENT
CONSTRUCTION PROCESS SIMULATION
DIGITAL CONSTRUCTION
ENVIRONMENTAL ENGINEERING AND MANAGEMENT PRACTICE
PROJECT STAKEHOLDER MANAGEMENT
CONSTRUCTION PLANNING AND CONTROL
DISSERTATION

ADDITIONAL ACTIVITIES

The university offers a broad range of activities aiming to enrich master students' theoretical and experiential learning and professional development. Trainings, workshops and seminars, covering varieties of themes and topics, both generic and subject-specific, will be offered at both university and school/department levels. You will also be provided with opportunities to work as a teaching assistant, research assistant, or intern at XJTLU. Depending on the programme, field trips and company visits may be organized, and invited talks may be given by the industrial experts and professionals. All these activities will not only support you in your programme study, but also develop your personal and professional skills and enhance your overall employability.



INDUSTRIAL DESIGN MDes

Growth in China will redefine patterns of consumption, production, and cultural appropriation domestically and globally for generations to come. As China-based companies shift to a designed-in-China strategy and international companies seek to design for the Chinese market, career opportunities for graduates of this programme will be numerous.

The MDes Industrial Design programme is for graduates or professionals with design or engineering backgrounds, who want to deepen their design and design research thinking. You will develop an appreciation for – and practice transdisciplinary approaches towards – design solutions, including products, interactions, systems and services.

During the programme, you will gain specialist skills while maintaining a generalist, transdisciplinary outlook towards design and have the opportunity to carry out your own design research project.



WHAT YOU WILL LEARN

By the time you graduate from the MDes Industrial Design, you will have:

- an original creative approach with the ability to develop and explore new design ideas and applications;
- undertaken a final major design project to prepare you for a responsible design studio role within industry, or a project with an academic structure to prepare for doctoral study.
- strong critical, creative thinking, creative and communication skills.

WHY STUDY INDUSTRIAL DESIGN AT XJTLU?

- Benefit from the professional faculty's strong links with international design studios and manufacturing companies, giving you opportunities for internships and first design commissions;
- Enjoy a broad creative programme with a wide range of design specialties and representations, depending on your interests and career ambitions;
- Take advantage of Design competitions, study visits to Europe and collaborative Design projects with industry;
- Earn a prestigious Masters Degree as a competitive step towards becoming a fully qualified designer in international studios.

CAREERS AND FURTHER STUDY

Graduates from this programme are well prepared for careers as design practitioners and design managers. The programme also offers a solid foundation for graduates wishing to pursue further study in a design-related PhD.

✓ **ATTENDANCE**
Full time

🕒 **DURATION**
24 months

🎓 **QUALIFICATION**
University of Liverpool
MDes Industrial Design

MODULES

COMPULSORY MODULES

FRAMING DESIGN RESEARCH

INNOVATION BY DESIGN

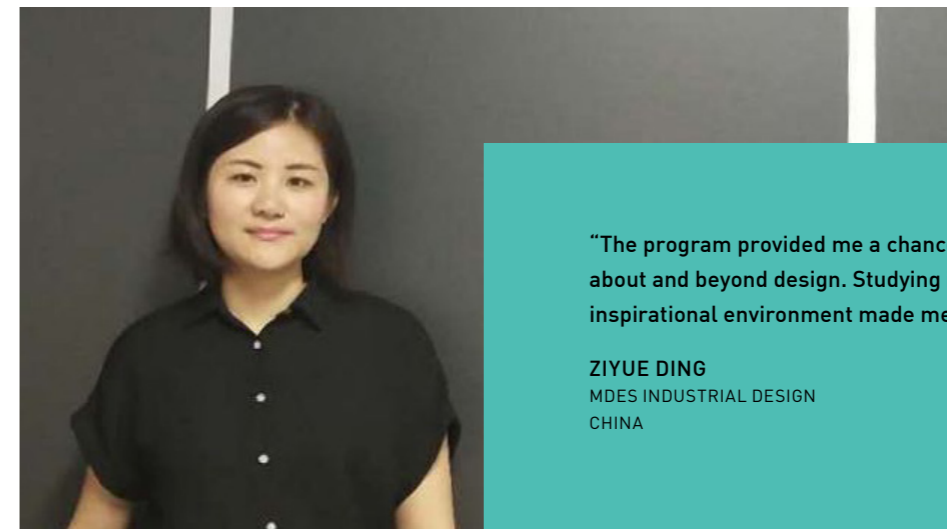
METHODS FOR TRANSDISCIPLINARY DESIGN

ADVANCED DESIGN VISUALISATION AND COMMUNICATION

DESIGN RESEARCH PROJECT

ADDITIONAL ACTIVITIES

The university offers a broad range of activities aiming to enrich master students' theoretical and experiential learning and professional development. Trainings, workshops and seminars, covering varieties of themes and topics, both generic and subject-specific, will be offered at both university and school/department levels. You will also be provided with opportunities to work as a teaching assistant, research assistant, or intern at XJTLU. Depending on the programme, field trips and company visits may be organized, and invited talks may be given by the industrial experts and professionals. All these activities will not only support you in your programme study, but also develop your personal and professional skills and enhance your overall employability.



“The program provided me a chance to discover my potential about and beyond design. Studying in the intercultural and inspirational environment made me more open-minded.”

ZIYUE DING
MDES INDUSTRIAL DESIGN
CHINA



INTERNATIONAL PROFESSIONAL PRACTICE IN ARCHITECTURE MSC

This programme will be allowing architectural practitioners to develop professional and inter-personal skills, take increased leadership roles, engage in entrepreneurial activities, and develop their knowledge in International contemporary practice.

The programme will be facilitated by the Design School and other Schools and Departments, including International Business School Suzhou (IBSS) and School of Humanities and Social Sciences.

Bringing a diverse selection of modules, the programme aims to provide a unique experience tailored for individual educational needs.

There will be no pre-requisite order on the optional modules. However, the candidates would be expected to complete the programme within 18 months (full-time)/36months (part-time).

WHAT YOU WILL LEARN

MSc International Professional Practice in Architecture will enable a student to understand:

- the architectural profession and the responsibilities to clients, employers, and society;
- the economic, socio-political, and ethical influences of professional practice internationally;
- the fundamental skills in the delivery of projects;
- various construction processes and activities in the delivery of projects, with a focus on life cycle, health and safety, and project planning;
- the importance of business development and planning;
- organizational behaviours and people management theories;
- the principles of financial management in business;
- the designs that meet building user needs and comply with necessary legislation;
- sustainability rating systems and design methodologies on the basis of sustainability and life cycle.

WHY STUDY INTERNATIONAL PROFESSIONAL PRACTICE IN ARCHITECTURE AT XJTLU?

The programme can:

- provide a depth of knowledge and skills that are fundamental in contemporary practice in architecture;
- introduce participants to the complexity of running a practice within the realm of a fluctuating economy and in an international context;
- frame and evaluate the impact of environmental discourse through the lens of contemporary architectural practice;
- reflect on the economic factors that impact on architecture and architecture practice;
- explore the potential of digital tools in the contemporary practice of design and construction.

The programme will provide a range of teaching activities including lectures, seminars, coursework, discussion forums, individual work and independent group work, to suit the diverse topics covered. They will enable students to engage with real world scenarios.

CAREERS AND FURTHER STUDY

Although the programme does not lead to professional accreditation, it can enhance individual career development and help them take up more leadership responsibilities in practice. In addition, the programme provides networking opportunities with other multi-disciplinary professionals.

MODULES

COMPULSORY MODULES

SEMESTER ONE

ARCHITECTURAL DESIGN AND RESEARCH METHODS

PRACTICE BASED ENQUIRY INNOVATION BY DESIGN

SEMESTER TWO

ADVANCED PROFESSIONAL PRACTICE

FUNDAMENTALS OF PROJECT MANAGEMENT

SEMESTER THREE

THESIS

✓ **ATTENDANCE**
Full time
Part time

🕒 **DURATION**
18 months
36 months

🎓 **QUALIFICATION**

University of Liverpool

MSc International Professional Practice in Architecture

OPTIONAL MODULES

SEMESTER ONE (OPTIONAL MODULES – SELECT 2 FROM)

INTEGRATION OF ENERGY STRATEGIES

ACCOUNTING AND FINANCIAL MANAGEMENT

CONSTRUCTION PROCESS SIMULATION

SUSTAINABLE TECHNOLOGIES & MATERIALS

INTERNATIONAL BUSINESS

PROJECT EVALUATION MANAGEMENT

SEMESTER TWO (OPTIONAL MODULES – SELECT 2 FROM)

DIGITAL CONSTRUCTION

CONSTRUCTION PLANNING AND CONTROL

CHINA IN THE WORLD

DOING BUSINESS WITH CHINESE COMPANIES

ENTREPRENEURSHIP AND BUSINESS CREATION

ORGANISATIONAL BEHAVIOUR

INTERNATIONAL BUSINESS

BUSINESS LEADERSHIP

PROJECT STAKEHOLDER MANAGEMENT



“Graduates from this programme will have the opportunity to develop and enhance the professional, business and inter-personal skills necessary in professional practice, with a view to offering individual career development and taking up leadership responsibilities.”

JOHN LATTO
PROGRAMME DIRECTOR



SUSTAINABLE CONSTRUCTION MSc

The MSc Sustainable Construction programme gives you technologically advanced knowledge, problem-solving skills and a comprehensive understanding of the key aspects of sustainability in civil engineering construction.

During your studies, you will gain a critical awareness of current and future challenges associated with the intervention of sustainability strategies and their integration in the civil engineering sector, as well as prospective solutions from existing and emerging scientific technologies.

The programme comprises two semesters of taught modules, assessed by coursework and examination, followed by a research dissertation during your third semester.

The programme is accredited by the Joint Board of Moderators (JBM) as meeting the requirements for Further Learning for a Chartered Engineer (CEng), for candidates who have already acquired a partial CEng accredited undergraduate first degree.

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



WHAT YOU WILL LEARN

By the time you graduate from the MSc Sustainable Construction, you will have:

- independent critical thinking skills, which are key for the development of professional engineering insight
- a solid understanding of the theoretical aspects of the recent advances in engineering, construction and sustainability fields
- knowledge of the latest sustainability technology and strategies and how to apply them in building design
- the ability to work in complex professional environments and find innovative solutions for technical problems.

WHY STUDY SUSTAINABLE CONSTRUCTION AT XJTLU?

- Learn in an innovative and multicultural environment, which integrates professionally accredited education with modern training practices, delivered in state-of-the-art laboratory facilities and educational platforms;
- Gain a multidisciplinary perspective, with modules delivered by the departments of Civil Engineering, Architecture, Urban Planning and Electrical and Electronic Engineering;
- Graduate with a programme focussed on the growth industry of sustainable design and development in the civil engineering sector;
- Study an advanced-level curriculum enhanced by practical applications, specialised research seminars and industrial training;
- Earn a University of Liverpool degree that is recognised by the Chinese Ministry of Education.

CAREERS AND FURTHER STUDY

Graduates from this programme are well prepared for careers in the environmental construction and management sectors, governmental regulatory agencies and environmental consultancies. Graduates go on to find employment in positions such as green infrastructure engineer, water resources engineer, construction site engineer, environmental consultant engineer and sustainable technology developer.

✓ **ATTENDANCE**
Full time
Part time

🕒 **DURATION**
18 months
36 months

👤 **ACCREDITATION**
JBM

🎓 **QUALIFICATION**
University of Liverpool
MSc Sustainable
Construction

MODULES

COMPULSORY MODULES

SUSTAINABLE TECHNOLOGY AND BUILDING MATERIALS

SUSTAINABLE DRAINAGE SYSTEMS

SUSTAINABLE ENERGY AND ENVIRONMENT
INTEGRATION OF ENERGY STRATEGIES IN THE DESIGN OF BUILDINGS

SUSTAINABLE ENGINEERING WITH TIMBER

ADVANCED SIMULATION OF SUSTAINABLE STRUCTURAL SYSTEMS

ENVIRONMENTAL ENGINEERING AND MANAGEMENT PRACTICE

SUSTAINABLE URBAN PLANNING STRATEGIES
DISSERTATION

ADDITIONAL ACTIVITIES

The university offers a broad range of activities aiming to enrich master students' theoretical and experiential learning and professional development. Trainings, workshops and seminars, covering varieties of themes and topics, both generic and subject-specific, will be offered at both university and school/department levels. You will also be provided with opportunities to work as a teaching assistant, research assistant, or intern at XJTLU. Depending on the programme, field trips and company visits may be organized, and invited talks may be given by the industrial experts and professionals. All these activities will not only support you in your programme study, but also develop your personal and professional skills and enhance your overall employability.



"I like the teaching style here. You can discuss things openly with professors."

PUYUE GONG
MSc SUSTAINABLE CONSTRUCTION
CHINA



URBAN PLANNING MSc

The MSc Urban Planning programme provides you with an international grounding in urban planning centred on the theme of urban regeneration.

China is experiencing unprecedented urbanisation in terms of the speed and nature of growth. One of the key issues for future practitioners will be how to deal with the challenge of reusing, transforming and regenerating the existing urban fabrics of China's megacities in order to achieve a more sustainable model of urbanisation.

The programme suits students from a range of different backgrounds and it is not limited to those with an urban planning undergraduate degree. Through the programme you will gain the interdisciplinary knowledge and skills required to become an urban planner, capable of tackling urban regeneration challenges in diverse contexts, and of providing a vision for future cities.



WHAT YOU WILL LEARN

By the time you graduate from the MSc Urban Planning, you will have:

- knowledge of the key theories and techniques that allow you to approach urban planning in a critical, communicative, collective and people-oriented way
- a comprehensive understanding of contemporary urban problems and possible planning responses
- the professional competency necessary for effective work in the urban planning profession.

WHY STUDY URBAN PLANNING AT XJTU?

- Gain a multidisciplinary perspective on urban regeneration, learning from academics from a range of disciplines (including urban planning and design, project management, policy design and geography) in a research-led teaching environment;
- Benefit from the University's strategic location of Suzhou, which blends history and modernity, making it an ideal place to explore Chinese contemporary cities and planning practices;
- Earn a University of Liverpool degree that is recognised by the Chinese Ministry of Education and worldwide.

CAREERS AND FURTHER STUDY

Graduates from this programme are well prepared for careers in a range of areas including urban planning, policy development, urban design, and property development. Graduates may also find employment with community groups as an advocate to give them a voice in built environment decision-making processes, or with local and central government, and non-governmental organisations both national and international.



ATTENDANCE

Full time



DURATION

18 months



QUALIFICATION

University of Liverpool
MSc Urban Planning

MODULES

COMPULSORY MODULES

THEORY AND PRACTICE OF URBAN REGENERATION

GOVERNANCE AND FINANCE OF URBAN REGENERATION

POLITICS, SOCIETY AND PARTICIPATION

PLACE-MAKING AND URBAN DESIGN

SUSTAINABLE URBAN PLANNING STRATEGIES

HERITAGE, HISTORIC DISTRICTS AND CONSERVATION

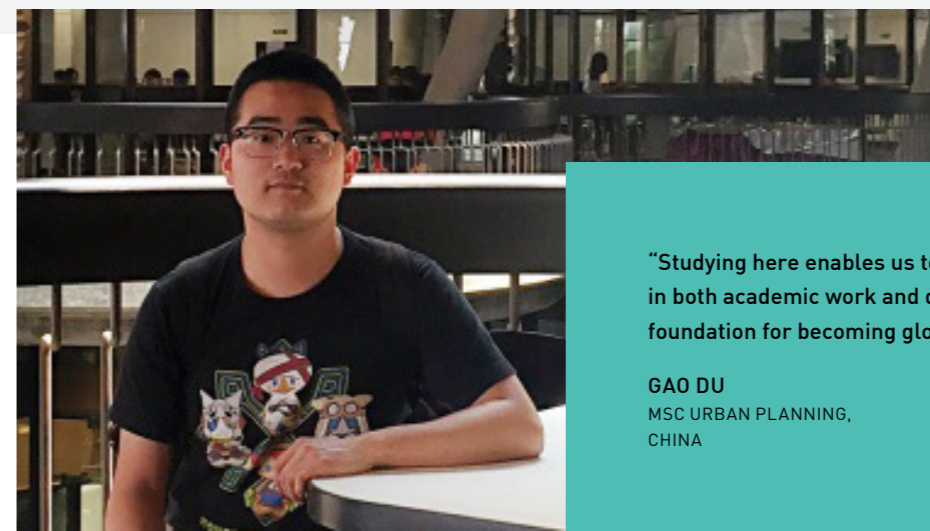
SPATIAL ANALYSIS AND VISUALISATION

FUNDAMENTALS OF PROJECT MANAGEMENT

DISSERTATION

ADDITIONAL ACTIVITIES

The university offers a broad range of activities aiming to enrich master students' theoretical and experiential learning and professional development. Trainings, workshops and seminars, covering varieties of themes and topics, both generic and subject-specific, will be offered at both university and school/department levels. You will also be provided with opportunities to work as a teaching assistant, research assistant, or intern at XJTU. Depending on the programme, field trips and company visits may be organized, and invited talks may be given by the industrial experts and professionals. All these activities will not only support you in your programme study, but also develop your personal and professional skills and enhance your overall employability.



"Studying here enables us to think and act globally in both academic work and daily life, which is the foundation for becoming global citizens."

GAO DU
MSc URBAN PLANNING,
CHINA



URBAN PLANNING (SPECIALISATION IN URBAN DESIGN) MSc

The MSc Urban Planning (specialisation in Urban Design) programme allows you to engage in the complex issues of urban space production in the dynamic Chinese context.

You will learn to consider the interplay between spatial design and social, economic, environmental and political issues evident in a range of urban settings. Taught with an interdisciplinary approach to the development of urban form, the programme is not limited to those with architecture or urban planning backgrounds - it is relevant to anyone interested in understanding the nature and production of spaces.

Our international teaching staff bring with them the best learning methods from some of the most prestigious universities in the world, offering you the chance to learn in a supportive, integrated learning environment.



WHAT YOU WILL LEARN

By the time you graduate from the MSc Urban Planning (specialisation in Urban Design), you will have:

- strong critical, creative thinking and communication skills
- knowledge of the key theories and techniques of urban planning and design in a multidisciplinary context
- professional design skills in spatial analysis, representation (mapping, models), and conceptualisation (such as scenario-and vision-making).

WHY STUDY URBAN PLANNING (SPECIALISATION IN URBAN DESIGN) AT XJTLU?

- Study in the Suzhou-Shanghai region, one of the most exciting environments to learn about and experiment with urban design in the 21st century;
- Gain a multidisciplinary perspective with modules taught by both the Department of Architecture and the Department of Urban Planning and Design;
- Learn in an international environment from staff with strong academic backgrounds and industry experience;
- Earn a University of Liverpool degree.

CAREERS AND FURTHER STUDY

Graduates from this programme are well prepared for careers as urban designers in both public and private sector companies related to the built environment. Graduates can find employment in positions such as urban or regional planners, where they will develop plans for the use of land, help create communities, accommodate population growth, and regenerate facilities.

✓ **ATTENDANCE**
Full time

🕒 **DURATION**
18 months

🎓 **QUALIFICATION**
University of Liverpool
MSc Urban Planning
(Specialisation in Urban
Design)

MODULES

COMPULSORY MODULES

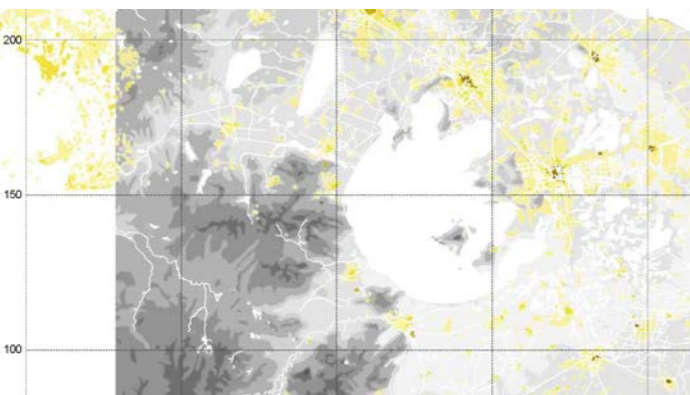
FUNDAMENTALS OF URBAN DESIGN
PLACE-MAKING AND URBAN DESIGN
ARCHITECTURAL THEORY AND CRITICISM
URBAN DESIGN INQUIRY (STUDIO)
SUSTAINABLE URBAN PLANNING STRATEGIES
DISSERTATION

OPTIONAL MODULES

THEORY AND PRACTICE OF URBAN
REGENERATION
POLITICS, SOCIETY AND PARTICIPATION
TOPICS IN ARCHITECTURAL HISTORY
HERITAGE, HISTORIC DISTRICTS AND
CONSERVATION
SPATIAL ANALYSIS AND VISUALISATION

ADDITIONAL ACTIVITIES

The university offers a broad range of activities aiming to enrich master students' theoretical and experiential learning and professional development. Trainings, workshops and seminars, covering varieties of themes and topics, both generic and subject-specific, will be offered at both university and school/department levels. You will also be provided with opportunities to work as a teaching assistant, research assistant, or intern at XJTLU. Depending on the programme, field trips and company visits may be organized, and invited talks may be given by the industrial experts and professionals. All these activities will not only support you in your programme study, but also develop your personal and professional skills and enhance your overall employability.



MATERIALS SCIENCE AND ENGINEERING MRes

The MRes Materials Science and Engineering programme aims to train students as active researchers and lifelong learners in materials science and engineering. This programme provides students with a comprehensive understanding of the complex interrelation between material synthesis, processing, structure, properties and performance through theoretical, practical and computational work. Graduates of this programme will significantly contribute to the technological advancements involved in materials science and engineering performance and apply the knowledge gained in the analysis, development and testing of new materials in the modern industry.

WHAT YOU WILL LEARN

- an in-depth theoretical understanding of material properties, structure and mechanical behaviour, as well as the importance of materials science to engineering and other technical applications;
- knowledge and understanding of a wide range of material characterisation and mechanical behaviour techniques, as well as strong research and analytical skills in materials chemistry and engineering;
- practical and problem-solving skills in materials science and engineering, applied in a wide range of theoretical and practical situations; and
- skills to present complex ideas, research methodology and key results and conclusions in written and oral formats.

WHY STUDY MATERIALS SCIENCE AND ENGINEERING AT XJTLU?

The programme encompasses a research-led teaching and technology-enhanced learning approach at all levels of study. It aims to train researchers to resolve the current and future challenges associated with developing advanced materials in science and engineering for energy production, materials for challenging environments, structural material applications, advanced composites and nanomaterials.

The content of the degree programme integrates the engineering discipline and materials chemistry and modelling. The focus is on materials synthesis, characterisation and mechanical testing on nanomaterials and metal alloys. Students of this programme can select their specialisation field by selecting optional modules in either molecular modelling (science) or computational solid mechanics (engineering). Students attending this programme will also be able to work on collaborative projects with the Jiangsu Industrial Technology Research Institute (JITRI), a leading institution in research and development of advanced materials. This provides students with the opportunity to investigate diverse materials (e.g. polymers, ceramics, etc.) during the three semesters of project work which can be linked to industrial placement. In addition, after completing this masters programme, students with an interest in academia and advanced research positions in the industry will also be provided with opportunities to pursue a PhD degree through collaborative research scholarships or self-funded study.

CAREERS AND FURTHER STUDY

Graduates from this programme are well prepared for careers as urban designers in both public and private sector companies related to the built environment. Graduates can find employment in positions such as urban or regional planners, where they will develop plans for the use of land, help create communities, accommodate population growth, and regenerate facilities.

✓ **ATTENDANCE**
Full time

🕒 **DURATION**
24 months

🎓 **QUALIFICATION**
University of Liverpool
MRes Materials Science and
Engineering

MODULES

CORE MODULES

SEMESTER ONE:

CHE403 NANOTECHNOLOGY AND ADVANCED MATERIALS

CEN425 EXPERIMENTAL METHODS IN MATERIALS AND MECHANICS

CEN412 CHARACTERISATION OF MATERIALS

SEMESTER TWO:

CEN414 RESEARCH PROJECT – PLANNING AND SCHEDULING

SEMESTER THREE&FOUR:

CEN415 RESEARCH PROJECT

OPTIONAL MODULES

SEMESTER ONE:

CHE421 COMPUTATIONAL MATERIALS SCIENCE

CEN413 COMPUTATIONAL SOLID MECHANICS

ADDITIONAL ACTIVITIES

The university offers a broad range of activities aiming to enrich master students' theoretical and experiential learning and professional development. Trainings, workshops and seminars, covering varieties of themes and topics, both generic and subject-specific, are often offered at both university and school/department levels. You may also be provided with opportunities to work as a teaching assistant, research assistant, or intern at XJTLU. Depending on the programme, field trips and company visits may be organized, and invited talks may be given by the industrial experts and professionals. Such activities will not only support you in your programme study, but also develop your personal and professional skills and enhance your overall employability.



SCHOOL OF HUMANITIES AND SOCIAL SCIENCES

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



APPLIED LINGUISTICS (SPECIALISATION IN MULTILINGUALISM) MA

The MA Applied Linguistics (specialisation in multilingualism) offers students a wealth of knowledge and transferable skills needed in a globalised world through the power of language.

Global multilingualism has only increased with the growth of communications technologies, travel, and international trade. This cross-disciplinary programme will equip you with the knowledge and skills to understand multilingualism across the world, gain critical awareness of the issues surrounding language development, enhance intercultural communication abilities, and strengthen cooperation and collaboration among a wide range of diverse, international communities.

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



WHAT YOU WILL LEARN

By the time you graduate from the Master of Applied Linguistics with a specialisation in multilingualism, you will have obtained the following:

- Knowledge of the core perspectives, research strands, practices, and main approaches to multilingualism research
- Comprehensive understanding of the significance of multilingualism to individuals, societies, and nations
- Critical understanding of theoretical and empirical research in multilingualism
- Skills needed to undertake language-based research of multilingual contexts.

WHY STUDY APPLIED LINGUISTICS (SPECIALISATION IN MULTILINGUALISM) AT XJTLU?

- Learn from international staff who will introduce you to a range of perspectives on multilingualism from different disciplinary backgrounds, including linguistics, sociology, education, ethnography, etc.
- Obtain an understanding of the most pertinent linguistic issues facing the world today while maintaining a local perspective.
- Earn a University of Liverpool degree that is recognized by the Chinese Ministry of Education

CAREERS AND FURTHER STUDY

This programme prepares students for careers in the following sectors: government organisations, media and journalism, business, public relations, editing, teaching, and administration. In addition, the programme is a stepping stone for those who want to undertake a research degree in applied linguistics generally, and multilingualism in particular.

✓ **ATTENDANCE**
Full time

🕒 **DURATION**
18 months

🎓 **QUALIFICATION**
University of Liverpool
MA Applied Linguistics
(specialisation in multilingualism)

MODULES

CORE MODULES

SEMESTER ONE:

INTRODUCTION TO MULTILINGUALISM

MULTILINGUALISM IN SOCIETY

THE POLITICS OF LANGUAGE IN A GLOBALIZED WORLD

MULTILINGUAL EDUCATION AND MULTILINGUAL LITERACIES

SEMESTER TWO:

LANGUAGE, GLOBALIZATION AND MOBILITY

DISCOURSE ANALYSIS

RESEARCH METHODS

CURRENT ISSUES IN MULTILINGUALISM

RESEARCH

SEMESTER THREE:

DISSERTATION

ADDITIONAL ACTIVITIES

The university offers a broad range of activities aiming to enrich master students' theoretical and experiential learning and professional development. Trainings, workshops and seminars, covering varieties of themes and topics, both generic and subject-specific, will be offered at both university and school/department levels. You will also be provided with opportunities to work as a teaching assistant, research assistant, or intern at XJTLU. Depending on the programme, field trips and company visits may be organized, and invited talks may be given by the industrial experts and professionals. All these activities will not only support you in your programme study, but also develop your personal and professional skills and enhance your overall employability.

CHINA STUDIES MA

With the rise of China as a global economic power there is an increasing demand among organisations and companies from around the world for professionals with knowledge of China's political, economic and social systems, who can also speak Chinese.

The MA China Studies provides you with in-depth knowledge of China's history, politics, society and economy, in order to equip you with a comprehensive understanding of China's complex socio-economic system.

This knowledge will give you unique and important insights, as well as the language training in Mandarin critical to operating and decision-making in the Chinese context.

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



WHAT YOU WILL LEARN

By the time you graduate from the MA China Studies, you will have:

- comprehensive knowledge of China's history, culture, society, politics, and economy, as well as of China's regional, technological and social policy development
- Chinese language skills, depending on individual's starting level and goals
- strong research and analytical skills, having completed a comprehensive research project and dissertation in your final semester.

WHY STUDY CHINA STUDIES AT XJTLU?

- Learn from international experts who will introduce you to varying perspectives on China from different disciplinary backgrounds, including politics, history, economy, literature, sociology and more;
- Experience China firsthand and take advantage of XJTLU's strategic location in Suzhou - one of the most culturally and economically vibrant places in the country;
- Benefit from our research ties with key universities in China's Jiangnan region (including Shanghai, and Jiangsu and Zhejiang provinces), providing opportunities for you to spend a period of study at another university;
- Earn a University of Liverpool degree that is recognised by the Chinese Ministry of Education.

CAREERS AND FURTHER STUDY

Graduates from this programme pursue careers in a diverse range of companies and organisations looking to deal with or operate in China in fields such as international business, technology, media, health, government, diplomacy, journalism, education, and development. Particularly for international graduates, the China expertise and ability to speak Chinese gained during the programme will enhance career prospects in whichever field they operate in.

MODULES

COMPULSORY MODULES

Semester one:

CHINA'S HISTORY

CHINA'S POLITICS

CHINESE SOCIETY

CHINA'S ECONOMY

Semester two:

CONTEMPORARY CHINESE LITERATURE

CHINA'S WELFARE AND DEVELOPMENT

CHINA'S TECHNOLOGY AND DEVELOPMENT

CHINA'S REGIONAL DEVELOPMENT

Semester three:

CHINA STUDIES DISSERTATION

✓ **ATTENDANCE**
Full time

🕒 **DURATION**
18 months

🎓 **QUALIFICATION**
University of Liverpool
MA China Studies

ADDITIONAL ACTIVITIES

The university offers a broad range of activities aiming to enrich master students' theoretical and experiential learning and professional development. Trainings, workshops and seminars, covering varieties of themes and topics, both generic and subject-specific, will be offered at both university and school/department levels. You will also be provided with opportunities to work as a teaching assistant, research assistant, or intern at XJTLU. Depending on the programme, field trips and company visits may be organized, and invited talks may be given by the industrial experts and professionals. All these activities will not only support you in your programme study, but also develop your personal and professional skills and enhance your overall employability.

INTERNATIONAL BUSINESS AND GLOBAL AFFAIRS MA

The Master of Arts (MA) in International Business and Global Affairs aims to develop current and future managers who are able to work successfully in a world increasingly characterised by uncertainty, volatility and change.

This innovative programme is designed to equip students with the knowledge, understanding, leadership abilities, analysis skills, decision-making tools and strategic vision needed to effectively manage people, organisations and business dealings across national borders in an increasingly risky, complex and challenging world.

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

WHAT YOU WILL LEARN

By the time you graduate from the MA in International Business and Global Affairs you will:

- understand the theories, debates and contemporary challenges within key thematic domains of international relations, such as regional integration, global security and peace studies, and global transformations and crises;
- improve your decision-making by better understanding business challenges in cross-border trade, investment, political risks, biodiversity loss, resources depletion, environmental degradation, climate change, food insecurity, economic development, social injustice, international mass migration, and globalisation;
- be equipped with the knowledge, understanding, leadership abilities, analysis skills, decision-making tools and strategic vision needed to effectively manage people, organisations and business in an international context;
- be able to evaluate different interpretations of world political events and global humanitarian challenges.

WHY STUDY INTERNATIONAL BUSINESS AND GLOBAL AT XJTU?

- Learn about global economic, political and governance issues, and how they affect the environment and prospects for trade and investment across countries and regions;
- Gain a global mindset by studying at both the Department of International Studies, and at the AACSB- and EQUIS-accredited International Business School Suzhou (IBSS);
- Experience the opportunity to learn or improve your language skills in Chinese or Spanish;
- Highly-experienced academic staff with wide variety of international backgrounds;
- Earn a University of Liverpool degree that is recognised by the Chinese Ministry of Education.

CAREERS AND FURTHER STUDY

Graduates from this programme are well prepared to start or advance their career across a variety of fields. These include: multinational and trading companies, non-profit organisations, consultancies, service providers, business facilitators, and government agencies around the world who are looking to recruit graduates with knowledge and experience of contemporary international business and management.

MODULES

COMPULSORY MODULES

INTERNATIONAL MANAGEMENT AND GLOBAL INSTITUTIONS
 REGIONAL INTEGRATION AND GLOBALISATION
 INTERNATIONAL BUSINESS
 GLOBAL TRANSFORMATIONS AND CRISES
 TRANSNATIONAL CORPORATIONS AND GLOBAL CHALLENGES
 CHINA IN THE WORLD
 DOING BUSINESS WITH CHINESE COMPANIES AND CONSUMERS
 RESEARCH METHODS FOR INTERNATIONAL BUSINESS
 INTERNATIONAL BUSINESS AND GLOBAL AFFAIRS DISSERTATION

ATTENDANCE

Full time
Part time

DURATION

18 months
36 months

QUALIFICATION

University of Liverpool
MA International Business and Global Affairs

ADDITIONAL ACTIVITIES

The university offers a broad range of activities aiming to enrich master students' theoretical and experiential learning and professional development. Trainings, workshops and seminars, covering varieties of themes and topics, both generic and subject-specific, will be offered at both university and school/department levels. You will also be provided with opportunities to work as a teaching assistant, research assistant, or intern at XJTU. Depending on the programme, field trips and company visits may be organized, and invited talks may be given by the industrial experts and professionals. All these activities will not only support you in your programme study, but also develop your personal and professional skills and enhance your overall employability.

INTERNATIONAL RELATIONS MA

The MA in International Relations equips you with the knowledge, research skills and analytical tools to work at an advanced level, gain profound understanding of international relations, and train you to follow careers in both public and private sectors.

The programme is designed so you can apply acquired knowledge to analyse and evaluate topics such as global governance, the history of international relations, foreign policy, inter-state cooperation, the functions of international and regional organisations, conflict, war, security and intervention, political economy and globalisation, and regional integration.

You will be supported in your academic and professional development as a scholar, analyst or policy maker in the discipline of international relations, with a focus on China's evolving role in the world.

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

WHAT YOU WILL LEARN

By the time you graduate from the MA in International Relations, you will be able to:

- develop an independent way of doing research on and thinking about international relations, hence allowing you to continue with doctoral studies;
- evaluate the validity and reliability of different types of empirical data – qualitative and quantitative – and be capable of using them in policy- and decision-making;
- convincingly present, in oral and written form, your ideas and opinions.

WHY STUDY INTERNATIONAL RELATIONS AT XJTU?

- Engage with the interdisciplinary debates of International Relations with the purpose of establishing scientifically robust explanations of relevant questions of global reach, such as climate change or migration, and with an ability to address such issues also in a narrower, regional context;
- Present a thorough understanding of how international relations work, with a deep knowledge of the socio-political phenomena, trends and actors involved in global politics as well as an accurate knowledge of the relations between the different sub-regions of the international system;
- Learn from international academics and active researchers with global experience and unique expertise on China's position and influence in the world;
- Earn a University of Liverpool degree that is recognised by the Chinese Ministry of Education.

CAREERS AND FURTHER STUDY

Graduates will be able to take up a wide variety of roles in companies, non-profit organisations, consultancies, think-tanks, research institutes, regional and international organisations, and government agencies around the world that seek to recruit graduates with knowledge and experience of contemporary international relations and global affairs.

The expertise on China gained from the programme, as well as the opportunity to learn Chinese or Spanish alongside your degree, will substantially enhance your career prospects.



ATTENDANCE

Full time
Part time



DURATION

18 months
36 months



QUALIFICATION

University of Liverpool
MA International Relations

MODULES

COMPULSORY MODULES

CURRENT DEBATES AND RESEARCH DESIGN IN INTERNATIONAL RELATIONS
REGIONAL INTEGRATION AND GLOBALISATION
CRITICAL SECURITY STUDIES
GLOBAL TRANSFORMATIONS AND CRISES
CONFLICT AND INTERNATIONAL INTERVENTION
CHINA IN THE WORLD
WAR AND PEACE IN THE ASIA PACIFIC
ADVANCED RESEARCH METHODS FOR INTERNATIONAL RELATIONS
INTERNATIONAL RELATIONS DISSERTATION

ADDITIONAL ACTIVITIES

The university offers a broad range of activities aiming to enrich master students' theoretical and experiential learning and professional development. Trainings, workshops and seminars, covering varieties of themes and topics, both generic and subject-specific, will be offered at both university and school/department levels. You will also be provided with opportunities to work as a teaching assistant, research assistant, or intern at XJTU. Depending on the programme, field trips and company visits may be organized, and invited talks may be given by the industrial experts and professionals. All these activities will not only support you in your programme study, but also develop your personal and professional skills and enhance your overall employability.

MEDIA AND COMMUNICATION MSc

The MSc in Media and Communication offers you a wealth of knowledge and transferable skills for making an impact on the media world of today and tomorrow.

Media is at the heart of the majority of business operations today and to the uninitiated it presents a daunting, fast-changing picture. In this programme, we assist you in making sense of media phenomena, be they interactive, virtual reality-bound or associated with large legacy media complexes such as broadcasting or news gathering.

You will also receive guidance in applying your own value system along corporate social responsibility lines in order to steer through the many pitfalls today's globalised mediascapes present. You will graduate equipped with the necessary knowledge and skills to become a leader and change agent in a media world full of exciting opportunities.

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



WHAT YOU WILL LEARN

By the time you graduate from the MSc Media and Communication, you will have:

- an advanced understanding of key issues, concepts and theories, as well as the relationship between theory and practice, in the field of media and communication
- sound knowledge of media language and its iterations on different media platforms
- strong research skills with the ability to apply them to media analysis for work purposes
- an understanding of current methodology as it is embodied in media and communication practices
- an appreciation of the current views on communicative practices, including the importance of global and local media manifestations.

WHY STUDY MEDIA AND COMMUNICATION AT XJTLU?

- Learn from international staff with prominent scholarly publication records and extensive industry experience;
- Gain practical experience through internship opportunities in large national and international media companies and industry networking events;
- Create your own media content, such as the development and dissemination of short videos and video games;
- Study on a world-class campus with cutting-edge production facilities;
- Earn a University of Liverpool degree that is recognised by the Chinese Ministry of Education.

CAREERS AND FURTHER STUDY

Graduates are well prepared for a career in ever-enlarging, international media environments that require multifaceted, disruptive and cutting-edge media skills and opinion leaders. Graduates can find employment in roles such as digital media entrepreneur, media company executive, digital change consultant, public relations executive, international media facilitator, and print or broadcast journalist.

MODULES

COMPULSORY MODULES

GLOBAL MEDIA CULTURES

CONTEMPORARY MEDIA THEORIES

DIGITAL ETHICS

INTERACTIVE AND EMERGING TECHNOLOGIES

CONTEMPORARY CHINESE MEDIA ENVIRONMENT

RESEARCH METHODS IN COMMUNICATION

PRACTICAL SKILLS DEVELOPMENT-DIGITAL VIDEO PRODUCTION

DISSERTATION

✓ **ATTENDANCE**
Full time

🕒 **DURATION**
18 months

🎓 **QUALIFICATION**
University of Liverpool
MSc Media and
Communication

OPTIONAL MODULES

ADVERTISING AND PUBLIC RELATIONS

VIDEO GAMING

ADDITIONAL ACTIVITIES

The university offers a broad range of activities aiming to enrich master students' theoretical and experiential learning and professional development. Trainings, workshops and seminars, covering varieties of themes and topics, both generic and subject-specific, will be offered at both university and school/department levels. You will also be provided with opportunities to work as a teaching assistant, research assistant, or intern at XJTLU. Depending on the programme, field trips and company visits may be organized, and invited talks may be given by the industrial experts and professionals. All these activities will not only support you in your programme study, but also develop your personal and professional skills and enhance your overall employability.

TESOL MA

The MA TESOL programme will provide you with the opportunity to develop both a scholarly and practical understanding of the field of Teaching English to Speakers of Other Languages (TESOL).

The programme is suitable for language teachers, teacher trainers, educational materials writers and test designers who wish to further develop their range of professional skills and knowledge.

You will study in a dynamic, international environment with students from around the world and learn from highly experienced academic staff.

WHAT YOU WILL LEARN

By the time you graduate from the MA TESOL, you will have:

- an advanced understanding of key issues, theories and practices in the field of English language teaching and the connections between theory and practice
- a sound knowledge of language in context and the ability to explore the implications of language analysis for teaching purposes
- an understanding of current methodology as it is embodied in classroom practice
- the ability to engage with theories underlying current views on language learning, including the importance of individual differences amongst learners in their abilities and learning preferences
- skills to conduct academic research.

WHY STUDY TESOL AT XJTLU?

- Study in an international environment with academic staff and students from around the world;
- Benefit from XJTLU's location of Suzhou, one of the most economically and culturally vibrant places in China;
- Earn a University of Liverpool degree that is recognised by the Chinese Ministry of Education.

CAREERS AND FURTHER STUDY

Graduates from this programme are well prepared to start or advance their career in the field of English language teaching. In China, a postgraduate qualification in TESOL is increasingly sought-after by educational institutions. Graduates may also gain employment in publishing or materials development, and management positions. The programme offers a solid foundation for further study for those interested in pursuing a MPhil, MRes, EdD or PhD.

✓ **ATTENDANCE**
Full time

🕒 **DURATION**
18 months

🎓 **QUALIFICATION**
University of Liverpool
MA TESOL

MODULES

COMPULSORY MODULES

LINGUISTICS FOR LANGUAGE TEACHERS
METHODS IN ENGLISH LANGUAGE TEACHING
PRINCIPLES OF COURSE AND MATERIALS DESIGN
SECOND LANGUAGE ACQUISITION
LANGUAGE TESTING AND ASSESSMENT
SPEAKING AND LISTENING
RESEARCH METHODS
DISSERTATION

OPTIONAL MODULES

DISCOURSE ANALYSIS
ENGLISH FOR SPECIFIC PURPOSES

ADDITIONAL ACTIVITIES

The university offers a broad range of activities aiming to enrich master students' theoretical and experiential learning and professional development. Trainings, workshops and seminars, covering varieties of themes and topics, both generic and subject-specific, will be offered at both university and school/department levels. You will also be provided with opportunities to work as a teaching assistant, research assistant, or intern at XJTLU. Depending on the programme, field trips and company visits may be organized, and invited talks may be given by the industrial experts and professionals. All these activities will not only support you in your programme study, but also develop your personal and professional skills and enhance your overall employability.



"I find that when I prepare for classes, I can always draw on what I have learned from the programme and apply those things."

YUNYI ZHOU
MA TESOL
CHINA



ACADEMY OF FUTURE EDUCATION

The Academy of Future Education of Xi'an Jiaotong-Liverpool University is an educational innovation ecosystem that focuses on research, exploration, support, and dissemination of philosophy and best practices for future education. The core mission of the Academy is to impact education innovation and reform in China and beyond through a variety of projects and programmes, based on fundamental approaches in educational innovation and systemic development, designed to contribute to the future of education. The Academy supports individuals and institutions at all levels including all the K-15 schools as well as vocational education and higher education institutions.

Four units make up the Academy, namely the Department of Educational Studies (EDS), Institute of Leadership & Education Advanced Development (ILEAD), Educational Development Unit (EDU), and Learning Mall (LM).



CHILD DEVELOPMENT AND FAMILY EDUCATION MA

The family is a child's first school and parents are their first teachers. As such, the quality of family education directly affects children's physical and mental health. With the rapid growth of information technology in the 21st Century, the next generation of parents are experiencing unprecedented challenges and changes to the common family structure, leading to an increasing emphasis on child development and family education.

At present, however, there is a clear lack of family education professionals to meet this growing need. These new professionals must not only understand child development, but also be qualified to provide therapeutic relief for families struggling in the modern world.

This MA programme aims to help learners gain in-depth knowledge, skills and hands-on experience in child development and family education through the combination of research-led and practice-oriented modules. It focuses on the cultivation of transferrable skills and innovative thinking in order to guarantee our graduates great success in their future career, as well as provide the foundation for the home-school-community education paradigm that is rapidly gaining traction throughout society.

WHAT YOU WILL LEARN

Students in the MA in Child Development and Family Education programme will:

- Gain a critical understanding of key issues, concepts, and theories of child development and family education
- Understand the multiple influential factors of child development and family education from a diversified perspective
- Learn the core knowledge and concepts related to child development and family education, as well as the methods and intervention strategies needed to provide support for families and children
- Master the skills and means to assess and evaluate child development and the quality of family education
- Acquire professional experience through case analysis and teaching practice
- Conduct scientific research projects and independent learning.

WHY STUDY CHILD DEVELOPMENT AND FAMILY EDUCATION AT XJTU?

- Immersion in studies of cutting edge theories and successful case studies, as well as broad and localised knowledge to further the study, understanding, and support of children throughout their development
- Interdisciplinary and diversified curriculum able to meet the market demand for CDFE professionals, covering education, psychology, sociology, demography and cultural research
- Research-led and practice-oriented modules, including credit-bearing internship opportunities for all students
- Six hundred hours of additional supervised learning activities throughout the programme
- An international learning environment with English as the language of instruction, providing learning opportunities with child development and family education experts and scholars
- The opportunity to earn a University of Liverpool degree that is recognised by the Chinese Ministry of Education.

CAREERS AND FURTHER STUDY

Graduates from this programme will be well prepared to either further their study for an EdD or PhD, or obtain employment in numerous teaching and administrative positions related to child development and family education. Possible employers include K-12 public or international schools; educational and research institutions; social and governmental organisations; children, youth and women activity centres, etc.



ATTENDANCE

Full time
Part time



DURATION

18 months
30 months



QUALIFICATION

University of Liverpool
MA Child Development
and Family Education

MODULES

SEMESTER ONE:

COMPULSORY MODULES

DEVELOPMENTAL PSYCHOLOGY

FAMILY EDUCATION: PRINCIPLES AND THEORIES

CHILD AND ADOLESCENT MENTAL HEALTH

OPTIONAL MODULES

DEVELOPING AND EVALUATING PROGRAMMES FOR CHILDREN AND FAMILIES

TEACHING, PEDAGOGY AND DESIGN

SEMESTER TWO:

COMPULSORY MODULES

SCHOOL AND EDUCATIONAL PSYCHOLOGY

COUNSELLING IN CHILD AND FAMILY EDUCATION: PRACTICE AND SKILLS

UNDERSTANDING FAMILIES IN EDUCATIONAL AND COMMUNITY SETTINGS

OPTIONAL MODULES

EDUCATIONAL PLACEMENT

ADVANCED EDUCATIONAL RESEARCH METHOD

SEMESTER THREE:

DISSERTATION PROJECT

ADDITIONAL ACTIVITIES

The university offers a broad range of activities aiming to enrich master students' theoretical and experiential learning and professional development. Trainings, workshops and seminars, covering varieties of themes and topics, both generic and subject-specific, will be offered at both university and school/department levels. You will also be provided with opportunities to work as a teaching assistant, research assistant, or intern at XJTU. Depending on the programme, field trips and company visits may be organized, and invited talks may be given by the industrial experts and professionals. All these activities will not only support you in your programme study, but also develop your personal and professional skills and enhance your overall employability.

GLOBAL EDUCATION MA

With an increasingly mobile and globally connected population, the world is rapidly changing and faces many challenges. Education is increasingly borderless, and with this comes challenges of how to ensure quality of transnational education.

There is increasing demand for appropriately trained professionals with an understanding of the challenges faced by education and globalization as they interact together. The Masters of Global Education uniquely provides in-depth knowledge, skills and understandings through both practice and theory-based modules, enabling its graduates to make a telling future contribution to shaping tomorrow's global education needs.



WHAT YOU WILL LEARN

By the time you graduate from the MA in Global Education, you will have:

- Developed intellectual qualities of reasoning, analysis and creativity;
- Gained an advanced critical understanding of key issues, concepts and theories of global education, and education management;
- Fostered abilities of conducting a research project, skills of enquiry and independent learning;
- Experienced diverse learning activities and gained professional experience as well as capabilities through both in-class and real-life learning sessions.

WHY STUDY GLOBAL EDUCATION AT XJTLU?

- Focus on global education development since the 2000's, with a special emphasis on China and is relevant to all countries' global education development;
- The diverse modules cover topics from educational management and leadership to language and cross-culture communication;
- Highly-experienced academic staff with wide variety of international backgrounds;
- Hands-on internship experience and professional mentorship as part of the programme learning;
- Earn a University of Liverpool degree that is recognised by the Chinese Ministry of Education.

CAREERS AND FURTHER STUDY

Graduates from this programme are well prepared to start or advance their career in transnational education across a variety of fields. These include:

K-12 international schools;
China-foreign cooperative universities or joint programmes;
NGOs with focus on international education development;
Private educational start-ups enterprises.

MODULES

COMPULSORY MODULES

GLOBALISATION & EDUCATION: CRITICAL PERSPECTIVES

PRINCIPLES, POLICIES, AND PRACTICES OF GLOBAL EDUCATION

EDUCATION LEADERSHIP

ENTREPRENEURSHIP, EDUCATION INNOVATION & INTERNATIONAL EDUCATION

THE SCHOOL OF TOMORROW: MANAGING CHANGE IN GLOBAL EDUCATION

INTERNSHIP

DISSERTATION

ADDITIONAL ACTIVITIES

The university offers a broad range of activities aiming to enrich master students' theoretical and experiential learning and professional development. Trainings, workshops and seminars, covering varieties of themes and topics, both generic and subject-specific, will be offered at both university and school/department levels. You will also be provided with opportunities to work as a teaching assistant, research assistant, or intern at XJTLU. Depending on the programme, field trips and company visits may be organized, and invited talks may be given by the industrial experts and professionals. All these activities will not only support you in your programme study, but also develop your personal and professional skills and enhance your overall employability.

ATTENDANCE

Full time
Part time

DURATION

18 months
36 months

QUALIFICATION

University of Liverpool
MA Global Education

DIGITAL EDUCATION MSc

We live in a digital world in an information age, which influences all fields.

Within the education field, pedagogy, instruction, content distribution, administration, and philosophy are all changing in response to digitisation. These changes will likely continue and will intersect with even more change brought about by globalisation.

A key feature of digital education, one of the crucial trends for future education, is the use of digital tools and technology in instructional practice.

Digital education is concerned with how teachers, schools, and administrators can harness the power of technology to empower learners.

The MSc Digital Education programme prepares professionals for an educational field that has been disrupted by innovative technologies.

The programme is housed in the Academy of Future Education, which is dedicated to exploring, supporting, and disseminating philosophies and best practices for future education. At micro, meso, and macro levels, our students are immersed in a setting that confronts and shapes the global challenges of education.

WHAT YOU WILL LEARN

- Understand key concepts and practices of digital education in different educational contexts;
- Explore the ways through which education practices at different levels can be improved by means of digital innovations;
- Develop the ability to use a variety of digital tools and apply them in different educational settings or for different educational purposes;
- Have proficiency in online teaching and learning practices; and
- Enrich a critical thinking mindset and creative problem-solving skills using digital tools and technologies.

WHY STUDY DIGITAL EDUCATION AT XJTLU?

- You'll learn from accomplished academic staff with a wide variety of international backgrounds;
- You'll have a diverse array of modules that address cutting-edge ideas and practices in education;
- You get the chance to study at a Sino-foreign cooperative university, the first of its kind approved by the Ministry of Education in China;
- You'll gain advanced digital education knowledge and skills in an online-onsite blended teaching and learning environment;
- You'll develop professional skills via industry-involved educational and practical opportunities;
- You'll study and develop at the Academy of Future Education, an educational ecosystem dedicated to student-centred education and educational experiences managing and leading change toward future education technology-driven education innovation
- The Syntegrative Learning module will provide semester-long opportunities to gauge the working environments connected to digital education, through undertaking different learning pathways in digital technology industries or finding your own under consultation with the academic staff; and
- The Research Project module in the final semester will provide an opportunity to investigate questions and problems in digital education independently and in depth.

CAREERS AND FURTHER STUDY

- Education consultant
- Learning analytics specialist
- Digital learning specialist (project management and development of digital learning programming)
- Instructional designer
- Various positions at established educational technology (ed-tech) companies
- Various positions at ed-tech startup companies

MODULES

CORE MODULES

SEMESTER ONE:

GLOBALISATION AND EDUCATION: CRITICAL PERSPECTIVES

DESIGNING DIGITAL EDUCATION CURRICULUM
EDUCATION IN A DIGITAL SOCIETY

SEMESTER TWO:

DESIGNING AND PRACTISING DIGITAL EDUCATION

DIGITAL MEDIA AND INFORMATION LITERACY
BLENDED LEARNING IN A DIGITAL AGE

SEMESTER THREE:

SYNTEGRATIVE LEARNING

SEMESTER FOUR:

RESEARCH PROJECT



ATTENDANCE

Full time
Part time



DURATION

24 months
36 months



QUALIFICATION

University of Liverpool
MSc Digital Education

ADDITIONAL ACTIVITIES

The university offers a broad range of activities aiming to enrich master students' theoretical and experiential learning and professional development. Trainings, workshops and seminars, covering varieties of themes and topics, both generic and subject-specific, are often offered at both university and school/department levels. You may also be provided with opportunities to work as a teaching assistant, research assistant, or intern at XJTLU. Depending on the programme, field trips and company visits may be organized, and invited talks may be given by the industrial experts and professionals. Such activities will not only support you in your programme study, but also develop your personal and professional skills and enhance your overall employability.

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.



BUSINESS ANALYTICS MSc

The rapid growth of available data is transforming the way managers, accountants, investors and marketers are working. The ability to integrate big data into business plans and decisions is becoming essential for organisations to maintain their competitive advantage.

The MSc Business Analytics programme is a response to these changes in the economic and technological environment. You will graduate as a multi-talented professional, standing in-between your chosen core field of expertise (such as management, finance, and marketing) and information technologies.

In addition to advanced business modules, the programme provides an in-depth understanding of cutting-edge data-processing and data management methods.

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



WHAT YOU WILL LEARN

By the time you graduate from the MSc Business Analytics, you will have:

- a rich understanding of the opportunities and threats posed to organisations by the current increase in data availability
- an ability to analyse, model and investigate large networks of peoples and companies
- knowledge of current practices, theories and issues in a traditional field of business studies
- skills in data processing (descriptive statistics, econometrics and machine learning), problem-solving, and decision-making (using statistical and data analyses to resolve organisational problems)
- proficiency in the use of a wide variety of statistical packages suitable for analysing large data sets.

WHY STUDY BUSINESS ANALYTICS AT XJTLU?

- Study the latest data analysis techniques, making use of artificial intelligence technology such as machine learning and data mining;
- Take advantage of industry links with local companies and opportunities for work experience at big data companies in Suzhou or Shanghai;
- Learn in a practice-oriented environment, which gives you the chance to complete your training with a six-month internship within a company;
- Benefit from the Big Data Analytics and Technology Centre at XJTLU, developed in collaboration with IBM and the Suzhou International Science-Park Data Centre;
- Earn a University of Liverpool degree that is recognised by the Chinese Ministry of Education.

CAREERS AND FURTHER STUDY

Graduates from this programme are well prepared for roles such as data or information analyst, technical consultant, IT-related project manager and customer relationship management (CRM) analyst. Employment opportunities exist in every sector of the economy, particularly within the fast-growing service industries of finance, retail, marketing, and information technology.

✓ **ATTENDANCE**
Full time

🕒 **DURATION**
18 months

👤 **ACCREDITATION**
AACSB, EQUIS, AMBA

🎓 **QUALIFICATION**
University of Liverpool
MSc Business Analytics

MODULES

COMPULSORY MODULES

INTRODUCTION TO BUSINESS ANALYTICS
CONTEMPORARY ISSUES IN THE ETHICS OF BUSINESS ANALYTICS
ECONOMETRICS
DATABASES AND DATA MANAGEMENT
DATA MINING AND MACHINE LEARNING
SOCIAL NETWORK ANALYSIS
BIG DATA – APPLICATIONS IN BUSINESS
BUSINESS ANALYTICS DISSERTATION

OPTIONAL MODULES

FINANCIAL ANALYSIS
SOCIAL MEDIA MARKETING
STRATEGIC BUSINESS ANALYSIS
MARKETING MANAGEMENT
PORTFOLIO MANAGEMENT
TIME SERIES ANALYSIS
STRATEGIC OPERATIONS MANAGEMENT
MODELLING AND SIMULATION OF OPERATIONS

ADDITIONAL ACTIVITIES

The university offers a broad range of activities aiming to enrich master students' theoretical and experiential learning and professional development. Trainings, workshops and seminars, covering varieties of themes and topics, both generic and subject-specific, will be offered at both university and school/department levels. You will also be provided with opportunities to work as a teaching assistant, research assistant, or intern at XJTLU. Depending on the programme, field trips and company visits may be organized, and invited talks may be given by the industrial experts and professionals. All these activities will not only support you in your programme study, but also develop your personal and professional skills and enhance your overall employability.

ECONOMICS AND FINANCE MSc

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 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 will cover a wide range of subjects including portfolio theory, corporate finance, investment and strategy, and derivative instruments.

Our graduates are experts in using modern research tools to analyse the economic, financial, social, and political environment.

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



WHAT YOU WILL LEARN

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

- a solid 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
- knowledge 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.

WHY STUDY ECONOMICS AND FINANCE AT XJTLU?

- Develop both economics and finance skills, giving you excellent and varied career prospects;
- Take advantage of the IBSS Financial Lab and Trading Floor located on campus, which gives you access to a world of data for study and research purposes, including data feeds from Datastream and Thomson One, and training by Thomson Reuters staff on EIKON system, the leading to a TR EIKON training certificate;
- Connect with industry through internship and work experience opportunities;
- Gain a solid foundation for PhD studies in economics and related fields;
- Earn a University of Liverpool degree that is recognised by the Chinese Ministry of Education.

CAREERS AND FURTHER STUDY

Graduates from this programme are well prepared for roles such as portfolio manager, investment strategy analyst, director of research, market risk analyst, head of investor relations, senior economist and industrial economist. Graduates can find employment in the financial sector, and with central banks and other monetary financial institutions, as well as in international organisations, academia, research institutions and the wider business sector, especially within multinational enterprises. The programme also offers a solid foundation for pursuing a PhD.

✓ **ATTENDANCE**
Full time

🕒 **DURATION**
18 months

👤 **ACCREDITATION**
AACSB, EQUIS, AMBA

🎓 **QUALIFICATION**
University of Liverpool
MSc Economics and Finance

MODULES

COMPULSORY MODULES

ECONOMETRICS
FINANCIAL ECONOMICS
MACROECONOMICS
TIME SERIES ANALYSIS
INTERNATIONAL FINANCE AND ECONOMICS
ECONOMICS AND FINANCE DISSERTATION.

OPTIONAL MODULES

ADVANCED DERIVATIVES
MONEY AND BANKING
MICROECONOMICS
ADVANCED CORPORATE FINANCE
ADVANCED INVESTMENTS
ALTERNATIVE INVESTMENTS AND STRATEGIES
FIXED INCOME AND DERIVATIVE INSTRUMENTS

ADDITIONAL ACTIVITIES

The university offers a broad range of activities aiming to enrich master students' theoretical and experiential learning and professional development. Trainings, workshops and seminars, covering varieties of themes and topics, both generic and subject-specific, will be offered at both university and school/department levels. You will also be provided with opportunities to work as a teaching assistant, research assistant, or intern at XJTLU.

Depending on the programme, field trips and company visits may be organized, and invited talks may be given by the industrial experts and professionals. All these activities will not only support you in your programme study, but also develop your personal and professional skills and enhance your overall employability.



FINANCE MSc

The MSc Finance programme gives you the tools to solve the practical financial problems that will create value for companies and enable societies to evolve.

You will gain theoretical knowledge in corporate finance and asset pricing as well as quantitative skills that will allow you to conduct research and analyse real-world problems. The study of financial economics and banking will allow you to excel in both the finance and economics sectors.

The programme combines traditional academic modules with research seminars, discussions with academics and visiting researchers and industry networking opportunities, to provide you with an integrated learning environment with strong connections to the real world.

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



WHAT YOU WILL LEARN

By the time you graduate from the MSc Finance, you will have:

- intellectual skills and theoretical understanding appropriate for the study of finance and quantitative analysis at postgraduate level
- practical skills in economics, mathematics and business linking finance theories to real-world application
- the experience of research, evaluation and analysis and the quantitative techniques to interpret complex data and research literature
- the ability to plan and undertake complex research projects in the field of finance

WHY STUDY FINANCE AT XJTLU?

- Benefit from opportunities to apply for teaching and research assistantships within IBSS as well as the wider University during your studies;
- Study a programme that combines theoretical knowledge, and quantitative and analytical skills to get you a competitive edge in the finance sector;
- Learn from industry leaders with the opportunity to attend networking and recruiting events with local companies;
- Take advantage of the IBSS Financial Lab and Trading Floor located on campus, which gives you access to a world of data for study and research purposes, including data feeds from Datastream and Thomson One, and training by Thomson Reuters staff on EIKON system, leading to a TR EIKON training certificate;
- Earn a University of Liverpool degree that is recognised by the Chinese Ministry of Education.

CAREERS AND FURTHER STUDY

Graduates from this programme are well prepared for finance-related roles within world financial markets, multinational corporations, investment banks, asset management companies, banks, non-financial companies, government agencies and consultancies, as well as in other financial institutions. The programme also offers a solid foundation for students interested in pursuing a PhD and an academic career.

MODULES

COMPULSORY MODULES

ECONOMETRICS FOR FINANCE
 ADVANCED DERIVATIVES
 MONEY AND BANKING
 FINANCIAL ECONOMETRICS
 ADVANCED CORPORATE FINANCE
 ADVANCED INVESTMENTS
 FINANCE DISSERTATION

OPTIONAL MODULES

FINANCIAL ECONOMICS
 ACCOUNTING AND FINANCIAL MANAGEMENT
 ALTERNATIVE INVESTMENTS AND STRATEGIES
 MACROECONOMICS

✓ ATTENDANCE
 Full time

🕒 DURATION
 18 months

👤 ACCREDITATION
 AACSB, EQUIS, AMBA

🎓 QUALIFICATION
 University of Liverpool
 MSc Finance

ADDITIONAL ACTIVITIES

The university offers a broad range of activities aiming to enrich master students' theoretical and experiential learning and professional development. Trainings, workshops and seminars, covering varieties of themes and topics, both generic and subject-specific, will be offered at both university and school/department levels. You will also be provided with opportunities to work as a teaching assistant, research assistant, or intern at XJTLU. Depending on the programme, field trips and company visits may be organized, and invited talks may be given by the industrial experts and professionals. All these activities will not only support you in your programme study, but also develop your personal and professional skills and enhance your overall employability.

International MBA

The International MBA programme combines rigorous academic modules with a wide range of professional development activities to foster your managerial and leadership capabilities.

Delivered in a unique environment that blends Chinese and Western cultures, the IMBA is an international passport that will give you an edge in the world's largest and most competitive markets.

Whether you are based in China, the UK, or elsewhere, this programme will give you the diverse management and leadership skills to work confidently in an international context.

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



WHAT YOU WILL LEARN

By the time you graduate from the International MBA programme, you will have:

- a broad theoretical and practical understanding of modern management in a globalised environment
- a strong awareness of how the external environment, including political, economic, social and technological factors impacts on the modern organisation at a national and international level
- the ability to research, analyse and find solutions to problems facing both local and globalised companies
- skills in critical thinking, analysis and problem-solving, as well as in report writing and making effective presentations.

WHY STUDY FINANCE AT XJTLU?

- Benefit from the University's well-established and powerful network, including the alumni of the prestigious University of Liverpool Management School
- Enjoy the flexibility of an IMBA programme that allows you to continue in full-time employment while you study
- Study integrated, practice-focussed learning environment with strong connections to industry
- Earn a University of Liverpool degree that is recognised by the Chinese Ministry of Education.

CAREERS AND FURTHER STUDY

IMBA typically attracts mid-career and senior-level candidates looking to progress to the highest echelons of their organisations and industries. Previous graduates are usually promoted in their organisations after graduation. Some may change their career directions, either within or across sectors. Some graduates set up their own companies, often in high-tech and knowledge-intensive industries in Suzhou. In all cases, the programme has witnessed significant growth in students' personal and professional development.

✓ **ATTENDANCE**
Part time

🕒 **DURATION**
24 months

👤 **ACCREDITATION**
AACSB, EQUIS, AMBA

MODULES

COMPULSORY MODULES

The IMBA programme is divided into four quarters, with core modules integrating key themes concerning management and leadership in an international context. These modules are accompanied by ongoing career development and leadership activities. The modules are:

MANAGEMENT OF CHANGE AND INNOVATION
 THE ORGANISATION IN THE STRATEGIC CONTEXT
 MANAGING THE ECONOMIC CONTEXT
 MANAGING FINANCIAL RESOURCES
 FINAL INDIVIDUAL PROJECT FOR IMBA
 NEGOTIATING IN INTERNATIONAL ENVIRONMENT
 OPERATIONS AND SUPPLY CHAIN MANAGEMENT STRATEGY
 COMPETING IN THE GLOBAL MARKET PLACE
 INTERNATIONAL MARKETING

ADDITIONAL ACTIVITIES

The university offers a broad range of activities aiming to enrich master students' theoretical and experiential learning and professional development. Trainings, workshops and seminars, covering varieties of themes and topics, both generic and subject-specific, will be offered at both university and school/department levels. You will also be provided with opportunities to work as a teaching assistant, research assistant, or intern at XJTLU. Depending on the programme, field trips and company visits may be organized, and invited talks may be given by the industrial experts and professionals. All these activities will not only support you in your programme study, but also develop your personal and professional skills and enhance your overall employability.



INVESTMENT MANAGEMENT MSc

We are at a historic point in time as China, the world's second largest economy, deregulates and grows its financial markets. In the coming years demand for graduates with a solid education in financial markets, securities and investment management is expected to grow significantly.

In the the MSc Investment Management programme, you will learn about the complexities of contemporary economics and financial principles and how these apply to decision-making in financial intermediation, savings and investment. While this is a practiced-based masters programme, it can also serve as a solid foundation for further study.

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



WHAT YOU WILL LEARN

By the time you graduate from the MSc Investment Management programme, you will have:

- a solid understanding of financial markets in China and internationally
- a strong foundation to undertake the CFA exam
- the ability to navigate a number of financial data systems including Thomson Reuters EIKON system, Bloomberg Terminal, Wind Financial Terminal, and BondIQ Fixed Income Terminal, which are used throughout the financial markets and securities
- programming skills in accessing WRDS and CSMAR Financial Database
- specialist, technical knowledge in financial markets and securities
- knowledge of Fintech and the application of machine learning in financial field

WHY STUDY INVESTMENT MANAGEMENT AT XJTLU?

- Take advantage of the IBSS Financial Lab and Trading Floor located on campus, which gives you access to a world of data for study and research purposes, including data feeds from the Thomson Reuters EIKON system, Bloomberg Terminal, Wind Financial Terminal, Wharton Research Data Services (WRDS), and CSMAR Financial Database;
- Graduate with a degree recognised by the Chartered Financial Analyst Institute (CFA)'s University Recognition Program;
- Connect with industry through internship, networking and work experience opportunities;
- Earn a University of Liverpool degree that is recognised by the Chinese Ministry of Education.

CAREERS AND FURTHER STUDY

Graduates from this programme are well prepared for careers in the financial sector not only in China, but in any international bank or financial institution with ambitions to build their business in the world's second largest economy.

✓ **ATTENDANCE**
Full time

🕒 **DURATION**
18 months

👤 **ACCREDITATION**
AACSB, EQUIS, AMBA

🎓 **QUALIFICATION**
University of Liverpool
MSc Investment
Management

MODULES

COMPULSORY MODULES

FINANCIAL ANALYSIS
 QUANTITATIVE METHODS FOR FINANCE
 EQUITY: CASH AND DERIVATIVE INSTRUMENTS
 ETHICAL AND PROFESSIONAL STANDARDS IN FINANCE
 FINANCIAL DERIVATIVES
 ADVANCED CORPORATE FINANCE
 ALTERNATIVE INVESTMENTS AND STRATEGIES
 FIXED INCOME AND DERIVATIVE INSTRUMENTS
 PORTFOLIO MANAGEMENT
 INDUSTRY RESEARCH PROJECT

ADDITIONAL ACTIVITIES

The university offers a broad range of activities aiming to enrich master students' theoretical and experiential learning and professional development. Trainings, workshops and seminars, covering varieties of themes and topics, both generic and subject-specific, will be offered at both university and school/department levels. You will also be provided with opportunities to work as a teaching assistant, research assistant, or intern at XJTLU. Depending on the programme, field trips and company visits may be organized, and invited talks may be given by the industrial experts and professionals. All these activities will not only support you in your programme study, but also develop your personal and professional skills and enhance your overall employability.

RECOGNITION BY THE CFA INSTITUTE

The MSc Investment Management programme has been designed to map to the CFA (Chartered Financial Analyst) Program Candidate Body of Knowledge™ (CBOOK) and has been formally recognised under the CFA Institute University Affiliation Program.



MANAGEMENT MSc

This dynamic, contemporary and innovative programme prepares you for management positions across a wide range of industries. It is also designed to assist current managers in preparation for more senior roles.

Open to those with an undergraduate degree in any discipline, the MSc Management programme offers you broad theoretical and practical knowledge of management. The modules cover many topics of relevance in China and internationally, including international business, strategy, finance, leadership, marketing and entrepreneurship. You will also complete a research project or dissertation on a management-related topic of your choice.

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



WHAT YOU WILL LEARN

By the time you graduate from the MSc Management, you will have:

- a rich understanding of management practices and theories
- insights into how to conduct a broad range of managerial functions and tasks
- an awareness of the demands of management in business
- research skills through project and dissertation work
- industry experience through work experience or networking events

WHY STUDY MANAGEMENT AT XJTLU?

- Benefit from XJTLU's strategic location in Suzhou - home to one of the China's largest economies and many Fortune 500 companies;
- Get support from IBSS's career development team who engage with national and multinational employers to identify the potential job opportunities for our students and graduates;
- Tailor your studies to suit your career ambitions with elective modules in entrepreneurship, big data and people management available;
- Earn a University of Liverpool degree that is recognised by the Chinese Ministry of Education.

CAREERS AND FURTHER STUDY

This programme includes career skills and personal development support to assist you with career evaluation, job searches, and professional skills development, such as:

- consultations with our career development team
- guidance on job search techniques
- coaching in writing cover letters and CVs as well as interview skills

ATTENDANCE Full time Part time	DURATION 18 months 30 months
ACCREDITATION AACSB, EQUIS, AMBA	QUALIFICATION University of Liverpool MSc Management

- building and assessing soft competencies like working in teams, communication and presentation skills
- assistance in employment and work permit issues.

MODULES

COMPULSORY MODULES

MARKETING MANAGEMENT
 STRATEGIC ORGANISATIONAL DESIGN
 STRATEGIC BUSINESS ANALYSIS
 ACCOUNTING AND FINANCIAL MANAGEMENT
 BUSINESS LEADERSHIP
 INTERNATIONAL BUSINESS
 STRATEGIC OPERATIONS MANAGEMENT
 MANAGEMENT DISSERTATION

OPTIONAL MODULES

ENTREPRENEURSHIP AND BUSINESS CREATION
 BIG DATA - APPLICATIONS IN BUSINESS
 ORGANIZATIONAL BEHAVIOUR AND PEOPLE MANAGEMENT

ADDITIONAL ACTIVITIES

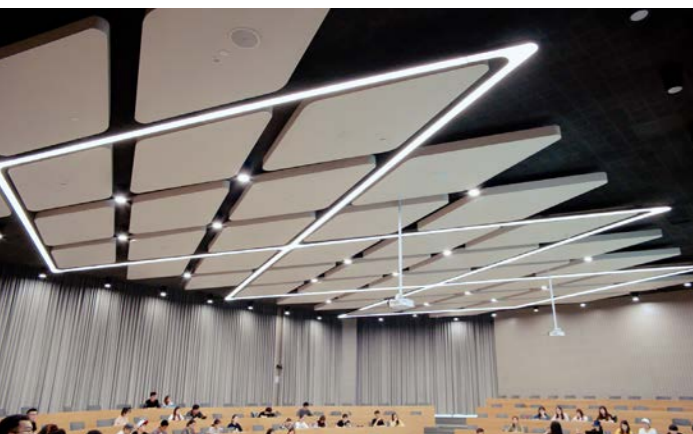
The university offers a broad range of activities aiming to enrich master students' theoretical and experiential learning and professional development. Trainings, workshops and seminars, covering varieties of themes and topics, both generic and subject-specific, will be offered at both university and school/department levels. You will also be provided with opportunities to work as a teaching assistant, research assistant, or intern at XJTLU. Depending on the programme, field trips and company visits may be organized, and invited talks may be given by the industrial experts and professionals. All these activities will not only support you in your programme study, but also develop your personal and professional skills and enhance your overall employability.

MANAGEMENT MRes

The MRes Management will develop students with an understanding and critical appreciation of aspects of research in the field of business and management, such as research paradigms, research methodologies (both qualitative and quantitative), data collection techniques, and theories. It will equip students with a clear understanding of what constitutes quality research and familiarize them with the research process from the point of inception to project completion.

The overall goal of the programme is to develop well-trained researchers with the ability to identify potential areas for research and the knowledge to study them.

Consequently, the MRes Management can act as an obvious pathway for students who wish to study for a PhD. Indeed, the degree is one part of a strategy in which IBSS will identify talented students and encourage them to apply for an IBSS PhD. By so doing, the school will continue to develop both its research capacity and high-quality researchers.



WHAT YOU WILL LEARN

The MRes Management will enable a student to:

- develop an in-depth knowledge of the elements which constitute research;
- develop an in-depth knowledge of the research process and its under-pinning logic;
- acquire research skills by undertaking a study as part of the dissertation module;
- improve understanding of the structure of research papers and how they are written; and
- improve written and presentation skills.

WHY STUDY MANAGEMENT AT XJTLU?

- Benefit from XJTLU's strategic location in Suzhou – home to one of the China's largest economies and many Fortune 500 companies
- Get support from IBSS's career development team who engage with national and multinational employers to identify the potential job opportunities for our students and graduates
- Tailor your studies to suit your career ambitions with elective modules in entrepreneurship and innovation, big data and people management available
- Earn a University of Liverpool degree that is recognised by the Chinese Ministry of Education.

CAREERS AND FURTHER STUDY

A student awarded the MRes Management would be well-prepared to study for a PhD and then enter academia. An alternative path would be to work for businesses in which research plays a central role, including those organizations engaged in market research and research consultancy.

✓ **ATTENDANCE**
Full time

🕒 **DURATION**
18 months

🎓 **QUALIFICATION**
University of Liverpool
MRes Management

MODULES

COMPULSORY MODULES

QUALITATIVE METHODS

QUANTITATIVE METHODS

BUSINESS AND MANAGEMENT AS A SOCIAL SCIENCE

ADVANCED RESEARCH METHODS

DISSERTATION FOR MRES MANAGEMENT



“Based on my own experiences, I know only too well how frustrating and confusing it can be to understand research. However, here at IBSS, I am pleased to say that we have developed a degree which provides you with a clear understanding about the nature of research and how it can be undertaken. We have assembled a small group of lecturers who will help you to develop this understanding, with your learning taking place in a relaxed and friendly environment. At IBSS, we have excellent facilities, so if you would like to learn more about the MRes Management, or have any questions, then please feel free to contact me. I look forward to hearing from you.”

Professor Robert Willison
PROGRAMME DIRECTOR



OPERATIONS AND SUPPLY CHAIN MANAGEMENT MSc

The MSc Operations and Supply Chain Management programme gives you a comprehensive understanding of operations and supply chain management and how it shapes the sales and profit potential of a business.

Delivered in collaboration with industry and the business community in the Yangtze River Delta region, it is one of the few English-language masters programmes of its kind in China.

Through industry lectures and site visits, you will be able to analyse and examine the latest developments in operations and supply chain best practice. You will graduate with the knowledge and skills to succeed in senior managerial and strategist positions.

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



WHAT YOU WILL LEARN

By the time you graduate from the MSc Operations and Supply Chain Management, you will have:

- an understanding of how operations can be managed as a strategic resource the requirements of successful operations and supply chain practice
- the ability to apply the models, processes and tools used to analyse, design and implement operations and supply chain management and logistics solutions
- an understanding of the decisions involved in the selection of suppliers, and the role of the purchasing function
- a thorough understanding of the components of supply chains, the material and information flow interactions between them and the analytical and management processes that facilitate successful supply chain performance
- the skills to perform benchmarking using comparative performance techniques

WHY STUDY OPERATIONS AND SUPPLY CHAIN MANAGEMENT AT XJTLU?

- Benefit from XJTLU's strategic location in Suzhou - home to one of the China's largest economies and many Fortune 500 companies;
- Get support from IBSS's career development team who engage with national and multinational employers to identify the potential job opportunities for our students and graduates;
- Tailor your studies to suit your career ambitions to electives in accounting, project management, operations simulation and marketing management available;
- Learn how to identify and apply a range of operations management initiatives and techniques that can inform the development of an operations strategy;
- Earn a University of Liverpool degree that is recognised by the Chinese Ministry of Education.

CAREERS AND FURTHER STUDY

Graduates from this programme are well prepared for careers in a number of sectors including manufacturing, food and beverage, and pharmaceuticals. Our graduates have found employment in companies such as Jaguar, Bosch, Mondeleze, Accenture, Caterpillar, Daimler Chrysler, Deloitte Consultants, Ford Motor Company, GE, Maersk, Unilever, Unipart, Westinghouse and Cargill.

ATTENDANCE
Full time
Part time

DURATION
18 months
36 months

ACCREDITATION
AACSB, EQUIS, AMBA

QUALIFICATION
University of Liverpool
MSc Operations and
Supply Chain Management

MODULES

COMPULSORY MODULES

STRATEGIC BUSINESS ANALYSIS
SUPPLY CHAIN OPERATIONS MANAGEMENT
LOGISTICS AND PHYSICAL DISTRIBUTION
STRATEGIC OPERATIONS MANAGEMENT
STRATEGIC PURCHASING MANAGEMENT
THEORY AND PRACTICE OF LEAN OPERATIONS
SUPPLY CHAIN MANAGEMENT DISSERTATION

OPTIONAL MODULES

ACCOUNTING AND FINANCIAL MANAGEMENT
MARKETING MANAGEMENT
MODELLING AND SIMULATION OF OPERATIONS
FUNDAMENTALS OF PROJECT MANAGEMENT
ORGANISATIONAL BEHAVIOUR AND PEOPLE MANAGEMENT
PRODUCTION PLANNING AND CONTROL

ADDITIONAL ACTIVITIES

The university offers a broad range of activities aiming to enrich master students' theoretical and experiential learning and professional development. Trainings, workshops and seminars, covering varieties of themes and topics, both generic and subject-specific, will be offered at both university and school/department levels. You will also be provided with opportunities to work as a teaching assistant, research assistant, or intern at XJTLU. Depending on the programme, field trips and company visits may be organized, and invited talks may be given by the industrial experts and professionals. All these activities will not only support you in your programme study, but also develop your personal and professional skills and enhance your overall employability.



"The programme has helped me understand how effective and efficient supply chain management is essential to creating a lasting competitive advantage."

REBECCA HUBLER
MSc OPERATIONS AND SUPPLY CHAIN MANAGEMENT
AUSTRIA

PROFESSIONAL ACCOUNTING MSc

The MSc Professional Accounting programme has a strong focus on professional training, equipping you with the skills and knowledge to succeed in an international business career.

You will study the professional syllabus of the Institute of Chartered Accountants in England and Wales (ICAEW) and will obtain exemptions from all six professional-level papers of the exams needed to gain chartered accountant status (subject to validation of the programme by ICAEW), as well as receiving preparation to sit the final advanced-level papers.

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



WHAT YOU WILL LEARN

By the time you graduate from the MSc Professional Accounting, you will have:

- theoretical understandings appropriate to the study of accounting at postgraduate level
- an awareness of key current issues, theory and practice in the field of accounting
- skills in professional accounting and financial decision-making, evaluation and analysis of financial data and the techniques required to evaluate and act upon complex financial and tax-related issues encountered in practice
- the knowledge necessary towards qualifying and operating as a chartered accountant.

WHY STUDY PROFESSIONAL ACCOUNTING AT XJTLU?

- Benefit from XJTLU's strategic location in Suzhou - home to one of the China's largest economies and many Fortune 500 companies;
- Get support from IBSS's career development team who engage with national and multinational employers to identify the potential internship and job opportunities for our students and graduates;
- Earn a University of Liverpool degree that is recognised by the Chinese Ministry of Education.

CAREERS AND FURTHER STUDY

This programme is designed to prepare you to qualify as a chartered accountant with the ICAEW. Graduates will also be well prepared to undertake other professional accountancy exams, such as those offered by the Association of Chartered Certified Accountants.

✓ **ATTENDANCE**
Full time

🕒 **DURATION**
18 months

👤 **ACCREDITATION**
AACSB, EQUIS,
ICAEW AMBA

🎓 **QUALIFICATION**
University of Liverpool
MSc Professional
Accounting

MODULES

COMPULSORY MODULES

FINANCIAL STRATEGY
FINANCIAL ACCOUNTING & REPORTING
AUDIT & ASSURANCE
BUSINESS STRATEGY & MANAGEMENT
TAX COMPLIANCE
BUSINESS PLANNING - TAXATION
CORPORATE REPORTING & AUDITING I
STRATEGIC BUSINESS MANAGEMENT
CORPORATE REPORTING & AUDITING II
INTEGRATED CASE STUDY

ADDITIONAL ACTIVITIES

The university offers a broad range of activities aiming to enrich master students' theoretical and experiential learning and professional development. Trainings, workshops and seminars, covering varieties of themes and topics, both generic and subject-specific, will be offered at both university and school/department levels. You will also be provided with opportunities to work as a teaching assistant, research assistant, or intern at XJTLU. Depending on the programme, field trips and company visits may be organized, and invited talks may be given by the industrial experts and professionals. All these activities will not only support you in your programme study, but also develop your personal and professional skills and enhance your overall employability.

"When you look into the detail of the syllabus, the assessment standard and procedures, you will aware that you are the focus of the Programme. Every module are well designed to help you to attain your professional qualification and the degree step by step."

PADDY YU,
MSc PROFESSIONAL ACCOUNTING
CHINA



PROJECT MANAGEMENT MSc

The MSc Project Management programme will equip you with the skills and knowledge to successfully manage projects in a variety of industries and contexts in China and around the world.

Suitable for both experienced professionals and those at the beginning of their project management career. Students are firstly introduced to the core content of the project management body of knowledge. Then they are guided to conduct additional reading and research to understand new developments in the field.

Students will identify and master the project management competencies that are supported by research to lead to higher rates of project management and project success.



WHAT YOU WILL LEARN

By the time you graduate from the MSc Project Management, you will have:

- an understanding of the role of project management and the project manager in the life of a project
- knowledge of the components, processes, tools and techniques in the project management discipline as well as the interactions between these elements
- a critical understanding of project management, management and leadership theories and applications and how they apply to projects locally and across international borders
- the skills to initiate, plan, execute, control, lead, evaluate and close projects on time, within budget and with consideration to quality constraints
- the ability to apply a range of techniques to determine, document and refine project goals, performance requirements, deliverables, constraints and risks as well as use project schedules, resource budgeting and quality in the lifecycle of a project.

WHY STUDY PROJECT MANAGEMENT AT XJTLU?

- Gain skills with universal relevance that can be used to shape the strategic direction of companies;
- Learn how to effectively plan, implement, control, monitor, and handover projects of various sizes and complexities in a highly competitive global marketplace;
- Graduate from a programme designed around globally recognised standards and frameworks such as PMI, IPMA, APM and GPM, giving you a pathway to gain highly sought-after certifications in project management;
- Receive fully integrated MS Project software training with 24/7 access to the software;
- Earn a University of Liverpool degree that is recognised by the Chinese Ministry of Education.

CAREERS AND FURTHER STUDY

Graduates from this programme are well prepared to work in project management roles across a range of industries including e-commerce, oil and gas, software, IT, construction, airlines, consulting, retail and manufacturing. As Asia continues to develop new business and economic, graduates are expected to enjoy excellent employment prospects as demand grows for project management professionals able to work confidently in an international context. The programme also provides a solid foundation for pursuing further study.

MODULES

COMPULSORY MODULES

CONTEMPORARY PROJECT MANAGEMENT
PROJECT RISK MANAGEMENT
STRATEGIC BUSINESS ANALYSIS
PROJECT STAKEHOLDER MANAGEMENT
PROJECT LEADERSHIP AND GOVERNANCE
DISSERTATION/CONSULTANCY CAPSTONE PROJECT

OPTIONAL MODULES

STRATEGIC ORGANISATIONAL DESIGN
SOCIAL MEDIA MARKETING
ACCOUNTING AND FINANCIAL MANAGEMENT
MICROECONOMICS
STRATEGIC PURCHASING MANAGEMENT
ENTREPRENEURSHIP AND BUSINESS CREATION
SOCIAL COMMERCE
STRATEGIC OPERATION MANAGEMENT
ORGANISATIONAL BEHAVIOUR AND PEOPLE MANAGEMENT

✓ **ATTENDANCE**
Full time
Part time

🕒 **DURATION**
18 months
30 months

👤 **ACCREDITATION**
AACSB, EQUIS, AMBA

🎓 **QUALIFICATION**
University of Liverpool
MSc Project Management

ADDITIONAL ACTIVITIES

The university offers a broad range of activities aiming to enrich master students' theoretical and experiential learning and professional development. Trainings, workshops and seminars, covering varieties of themes and topics, both generic and subject-specific, will be offered at both university and school/department levels. You will also be provided with opportunities to work as a teaching assistant, research assistant, or intern at XJTLU. Depending on the programme, field trips and company visits may be organized, and invited talks may be given by the industrial experts and professionals. All these activities will not only support you in your programme study, but also develop your personal and professional skills and enhance your overall employability.



SCHOOL OF SCIENCE

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



ADVANCED CHEMICAL SCIENCES MRes

The MRes Advanced Chemical Sciences programme provides you with the education and training needed to understand different aspects of the field of chemical sciences.

The programme covers a range of topics, from synthetic chemistry to nanotechnology, to analytical methods and instrumentation. Strong emphasis is placed on developing project management and professional skills. After completing taught modules, you will conduct a 12-month extensive research project of your choice that leads to submission of a dissertation.

Your studies will be guided by a customised learning plan, taking into account your background, interests and career aspirations.



WHAT YOU WILL LEARN

By the time you graduate from the MRes Advanced Chemical Sciences, you will have:

- Deep understanding of the theoretical background and practical implementation of an intensive research project.
- Career-enhancing personal and employability skills such as time management, report writing, team-building, networking and project management
- A wide range of critical interdisciplinary research skills

WHY STUDY ADVANCED CHEMICAL SCIENCES AT XJTLU?

- Study at Chemistry department of XJTLU, first at an independent Sino-foreign university in China to achieve professional accreditation by the Royal Society of Chemistry in the United Kingdom
- Learn from international staff, who are experts in various fields of chemistry with strong links to local and international industries
- Benefit from XJTLU's strategic location near many biotechnology companies in Bio Bay, a national biotechnology hub with more than 400 companies with the opportunity for internships
- Take advantage of the offered joint research projects with JITRI (Jiangsu Industrial Technology Research Institutes), supported by the Jicui Scholarship Programme
- Enjoy prestigious scientific symposia, conferences and summer schools at the nearby Cold Spring Harbor Asia giving you the chance to interact with world-famous researchers
- Gain an excellent foundation for pursuing PhD programmes both in China or abroad
- Earn a University of Liverpool degree that is recognised by the Chinese Ministry of Education

CAREERS AND FURTHER STUDY

Graduates from this programme are well prepared for careers in a variety of industries, including chemical and material science, pharmaceuticals, biotechnology, food and beverages (quality assurance and new formulation), and analytical laboratories.

✓ **ATTENDANCE**
Full time

🕒 **DURATION**
24 months

🎓 **QUALIFICATION**
University of Liverpool
MRes Advanced
Chemical Sciences

MODULES

COMPULSORY MODULES

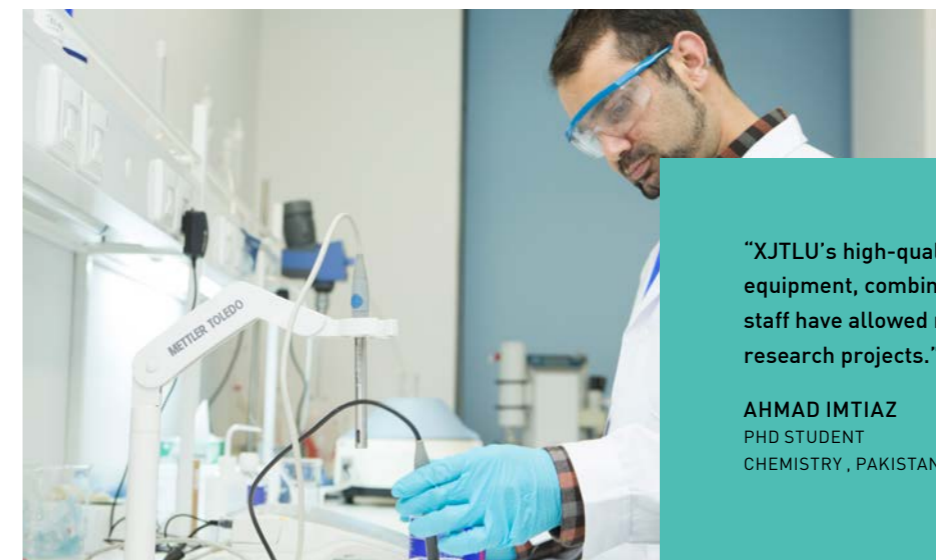
ADVANCED ANALYTICAL CHEMISTRY
NANOTECHNOLOGY AND ADVANCED MATERIALS
RESEARCH PROJECT

OPTIONAL MODULES

PERSONAL AND EMPLOYABILITY SKILLS FOR CHEMISTS
FUNDAMENTALS OF PROJECT MANAGEMENT
TOPICS IN ADVANCED ORGANIC CHEMISTRY
ADVANCED ORGANIC CHEMISTRY

ADDITIONAL ACTIVITIES

The university offers a broad range of activities aiming to enrich master students' theoretical and experiential learning and professional development. Trainings, workshops and seminars, covering varieties of themes and topics, both generic and subject-specific, will be offered at both university and school/department levels. You will also be provided with opportunities to work as a teaching assistant, research assistant, or intern at XJTLU. Depending on the programme, field trips and company visits may be organized, and invited talks may be given by the industrial experts and professionals. All these activities will not only support you in your programme study, but also develop your personal and professional skills and enhance your overall employability.



"XJTLU's high-quality laboratories and equipment, combined with the expert academic staff have allowed me to conduct exciting research projects."

AHMAD IMTIAZ
PHD STUDENT
CHEMISTRY, PAKISTAN



ENVIRONMENTAL SCIENCES MRES

This MRes Environmental Sciences programme aims to produce graduates specialised in different areas within the environmental sciences. Modules will cover the interdisciplinary knowledge and skills relevant to the field. The combination of these modules and a large research project will produce a coherent and comprehensive degree.

WHAT YOU WILL LEARN

This programme will provide students with the following:

- In-depth knowledge of the field of environmental sciences;
- Cognitive skills required for research, such as evaluating existing studies, identifying research questions, deriving hypotheses, choosing proper research methods, and interpreting and presenting data concisely;
- Advanced practical skills, such as data analysis, instrument and equipment operation, questionnaire/experimental design, and project management; and
- Communication and professional skills, such as scientific writing and presentation, career development, manuscript preparation, journal selection, peer review systems, and health and safety awareness.

WHY STUDY ENVIRONMENTAL SCIENCES AT XJTLU?

Students entering this programme can:

- Gain in-depth interdisciplinary knowledge and necessary cognitive, practical, communication, and professional skills for future career development
- Work with a number of energetic, collegial, and intellectual colleagues from multiple countries
- Take advantage of over 20 million RMB cutting edge research equipment and over 2000 m² lab and outdoor research space on campus
- Produce a high-quality, potentially publishable thesis to increase the competitiveness during PhD applications and job hunting.
- Earn a globally recognized master degree from the University of Liverpool, a member of the Russell Group of leading UK universities

CAREERS AND FURTHER STUDY

Graduates from this programme are well prepared to pursue a PhD at both domestic or international institutions. Other career opportunities include research scientists at research institutions, policymakers at governmental agencies, environmental educators at non-governmental organisations (NGOs) and environmental consultants in environment-related industries.

✓ **ATTENDANCE**
Full time

🕒 **DURATION**
24 months

🎓 **QUALIFICATION**
University of Liverpool
Environmental Sciences MRes

MODULES

COMPULSORY MODULES SEMESTER ONE

RESEARCH PROJECT DESIGN AND MANAGEMENT

COMMON RESEARCH ISSUES IN ENVIRONMENTAL SCIENCES

FRONTIERS IN ENVIRONMENTAL SCIENCES

SEMESTER TWO

RESEARCH PROJECT (PHASE I)

SEMESTER THREE AND FOUR

RESEARCH PROJECT (PHASE II)

OPTIONAL MODULES SEMESTER ONE

ADVANCED ANALYTICAL CHEMISTRY

ADVANCED STATISTICS IN ENVIRONMENTAL SCIENCES

RESEARCH METHODS IN BIOINFORMATICS

HUMANS AND ENVIRONMENTAL POLLUTION

ENVIRONMENT AND SOCIETY



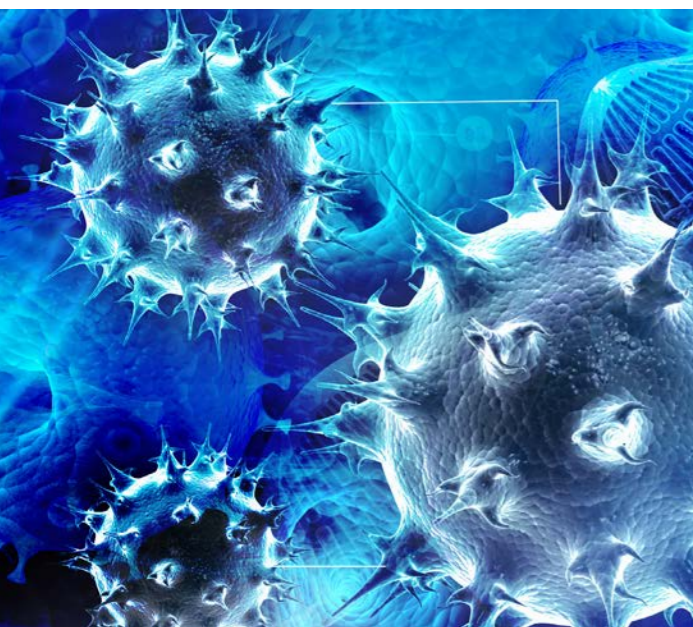
MOLECULAR BIOSCIENCE MRes

The MRes Molecular Bioscience programme provides a thorough understanding of the key approaches for studying biological processes at the molecular level.

The programme combines biotechnology-related topics such as molecular biology, protein biochemistry and drug discovery, with modules on post-genomic biology and bioinformatics.

With a major focus on project management and advanced research skills, the programme offers you the chance to undertake an in-depth research project and specialised dissertation. Your studies will be guided by a customised learning plan, taking into account your background, interests and career aspirations.

The Department of Biological Sciences has internationally respected investigators and excellent teaching and laboratory infrastructure.



WHAT YOU WILL LEARN

By the time you graduate from the MRes Molecular Bioscience programme, you will have:

- key transferable skills relevant to a range of careers and industries, such as data analysis, report writing, team building and networking, and project management
- specialised knowledge in an area of molecular biology that suits your interests and career ambitions
- a range of critical interdisciplinary research skills and a strong understanding of the theoretical background and practical implementation of an intensive research project.

WHY STUDY MOLECULAR BIOSCIENCE AT XJTLU?

- Learn from international academic staff with opportunities to work with them to carry out world-class research in a dynamic, transnational environment;
- Gain a solid foundation to pursue PhD programmes in high-quality international and Chinese universities;
- Benefit from XJTLU's strategic location near many biotechnology companies in BioBay, a national biotechnology hub with more than 400 companies with the opportunity for internships;
- Enjoy prestigious scientific symposia, conferences and summer schools at the nearby Cold Spring Harbor Asia, giving you the chance to interact with world-famous researchers;
- Earn a University of Liverpool degree that is recognised by the Chinese Ministry of Education.

CAREERS AND FURTHER STUDY

Graduates from this programme are well prepared for advanced research careers in both international and Chinese university settings, as well as in the bio-industrial sector in areas such as biotechnology and pharmaceuticals. The programme also provides a solid foundation for pursuing a PhD.

✓ **ATTENDANCE**
Full time
Part time

🕒 **DURATION**
24 months
36 months

🎓 **QUALIFICATION**
University of Liverpool
MRes Molecular
Bioscience

MODULES

COMPULSORY MODULES

RESEARCH METHODS IN BIOTECHNOLOGY
RESEARCH METHODS IN POST-GENOMIC BIOLOGY
RESEARCH METHODS IN BIOINFORMATICS
TECHNOLOGICAL PROJECT MANAGEMENT
RESEARCH PROJECT

ADDITIONAL ACTIVITIES

The university offers a broad range of activities aiming to enrich master students' theoretical and experiential learning and professional development. Trainings, workshops and seminars, covering varieties of themes and topics, both generic and subject-specific, will be offered at both university and school/department levels. You will also be provided with opportunities to work as a teaching assistant, research assistant, or intern at XJTLU. Depending on the programme, field trips and company visits may be organized, and invited talks may be given by the industrial experts and professionals. All these activities will not only support you in your programme study, but also develop your personal and professional skills and enhance your overall employability.



"The programme was more difficult but much more fun than I could have imagined. I realise this, really, is the joy of conducting scientific research."

BINGYU LI
MRES MOLECULAR BIOSCIENCE
CHINA



SCHOOL OF MATHEMATICS AND PHYSICS

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



ACTUARIAL SCIENCE MSc

An MSc Actuarial Science qualification will provide students with the knowledge and skillset to investigate financial accounts, analyse risks, and design actuarial models for a wide range of fields. This programme covers a series of core modules from the Institute and Faculty of Actuaries (IFoA) and Society of Actuaries (SOA).

Students that complete the programme will have a wide range of skills, making them highly employable. Actuaries are greatly valued in the financial and insurance industries, as well as many other fields that demand data analysis and problem-solving capabilities.

WHAT YOU WILL LEARN

Through the study of these core modules, students will gain professional knowledge in these fields:

- Data analysis of insurance industry
- Corporate financial management
- Statistical models and methods
- Asset and liability valuation models
- Quantitative finance
- Financial risk measurement
- Management involving individuals, organisations and public services.

WHY STUDY ACTUARIAL SCIENCE AT XJTLU?

- The actuarial and risk management professions are both challenging and highly rewarding. Financially and statistically, trained graduate actuaries are highly in-demand in the financial industry as well as in a wide range of other for-profit and non-profit sectors.
- XJTLU's Actuarial Science programme is recognised by various actuarial societies, such as the UK-based Institute and Faculty of Actuaries (IFoA), and has UCAP-AC accreditation from the Society of Actuaries (SOA) in North America.
- There are numerous opportunities to undertake internships and work placements at firms in the insurance and finance industries.
- Students will have access to a variety of resources from academic and professional platforms, including the Intelligent Computing and Financial Technology Laboratory (ICFT) and Research Institute of FinTech (RIFT).
- Our professional team offers powerful support, with members affiliated to IFoA, SOA, CAS (Casualty Actuarial Society), ACCA (Association of Chartered Certified Accountants) and other actuarial societies, offering professional advice and up-to-date industry development.

CAREERS AND FURTHER STUDY

Some of our graduates become actuarial trainees and study for professional examinations. Others embark on some of the following lucrative careers:

- Investment banking and investment management
- Accountancy
- Commercial banking
- Insurance
- Financial analysis
- Management
- Consulting
- Regulation
- Computing and programming
- Research and teaching

✓ **ATTENDANCE**
Full time

🕒 **DURATION**
18 months

🎓 **QUALIFICATION**
University of Liverpool
MSc Actuarial Science

MODULES

SEMESTER ONE:

COMPULSORY MODULES

ACTUARIAL MATHEMATICS

STOCHASTIC MODELLING IN ACTUARIAL SCIENCE

OPTIONAL MODULES

STATISTICS AND DATA ANALYTICS I

INTRODUCTION TO PRICING AND HEDGING

COMPUTATIONAL METHODS IN FINANCE I

MICROECONOMICS

SEMESTER TWO:

COMPULSORY MODULES

ACTUARIAL MODELLING

LIFE INSURANCE MATHEMATICS

STATISTICS AND DATA ANALYTICS II

OPTIONAL MODULES

CORPORATE FINANCE FOR INSURANCE

ACTUARIAL PRACTICE

QUANTITATIVE RISK MANAGEMENT

COMPUTATIONAL METHODS IN FINANCE II

SEMESTER THREE:

DISSERTATION PROJECT

ADDITIONAL ACTIVITIES

The university offers a broad range of activities aiming to enrich master students' theoretical and experiential learning and professional development. Trainings, workshops and seminars, covering varieties of themes and topics, both generic and subject-specific, will be offered at both university and school/department levels. You will also be provided with opportunities to work as a teaching assistant, research assistant, or intern at XJTLU. Depending on the programme, field trips and company visits may be organized, and invited talks may be given by the industrial experts and professionals. All these activities will not only support you in your programme study, but also develop your personal and professional skills and enhance your overall employability.

DATA SCIENCE MSC

The MSc Data Science programme will equip students with the analytical tools to design sophisticated technical solutions for data-driven problems using modern computational methods and with an emphasis on rigorous statistical thinking.

This programme lasts for two years, including 40 credit teaching modules and a 40-credit dissertation. The professional curriculum is suitable for graduates in various fields such as mathematics, engineering, computer science and social science. Teaching modules include compulsory courses for theoretical training of core disciplines including mathematics, statistics and computer science, as well as optional courses suitable for different application scenarios (such as artificial intelligence, biological information, and finance).

Students can customise their training through various combinations of compulsory and optional modules to support different students' interests and career planning.

Moreover, as one of the joint master programmes with Jiangsu Industrial Technology Research Institute (JITRI), the student dissertation in this programme can be jointly guided by the industry experts from JITRI and academic supervisors from XJTLU. This programme provides a platform for knowledge and information exchange between university and enterprise and promotes cooperation between the two sides in key fields such as engineering mathematics, applied statistics, bioinformatics, and material science.

WHAT YOU WILL LEARN

Upon graduation, students will be able to:

- demonstrate proficiency in the use of statistical methods to solve practice problems related to data science;
- demonstrate advanced mathematical and analytical problem-solving skills;
- use software as an effective tool for data analysis, management and visualisation;
- evaluate and apply alternative approaches in the analysis of academic and industrial reports;
- present reasonable arguments and statements demonstrating specialised knowledge;
- communicate effectively with leaders and team members; and
- evaluate research papers and professional texts to produce independent synthesis of knowledge and information.

WHY STUDY DATA SCIENCE AT XJTLU?

- Students will study a range of modules in mathematics, statistics, information science and computer science to prepare for a career working across a number of industries.
- Students can gain data science knowledge used in IT, finance, biostatistics, bioinformatics, material science, actuarial science and others.
- The MSc Data Science programme will enable students to gain a strong understanding of statistics and computer science, and their applications.

CAREERS AND FURTHER STUDY

Graduates of this programme will be prepared for pursuing advanced degrees (e.g. PhD degree) or for direct entry into the job market in various sections and positions:

- manufacturing
- new materials
- information technology
- biology and medicine
- finance
- database management

✓ **ATTENDANCE**
Full time

🕒 **DURATION**
24 months

🎓 **QUALIFICATION**
University of Liverpool
Data Science MSc

- bioinformation
- artificial intelligence and machine learning
- logistics and e-commerce
- public services

MODULES

COMPULSORY MODULES

SEMESTER ONE:

DATA MINING AND BIG DATA ANALYTICS
DATABASE MANAGEMENT
MATHEMATICS AND STATISTICS FOR DATA SCIENCE

SEMESTER TWO:

STATISTICS AND DATA ANALYTICS II
STATISTICAL LEARNING WITH APPLICATIONS IN PYTHON
OPTIMISATION ALGORITHMS FOR DATA SCIENCE

SEMESTER THREE AND FOUR:

DISSERTATION PROJECT

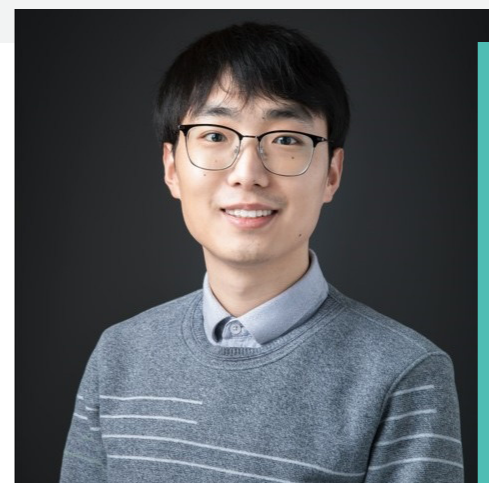
OPTIONAL MODULES

SEMESTER ONE:

COMPUTATIONAL METHODS IN FINANCE I
ADVANCED METHODS IN BIOSTATISTICS
RESEARCH METHODS IN BIOINFORMATICS
FUNDAMENTALS OF MACHINE LEARNING
LINEAR STATISTICAL MODELS

SEMESTER TWO:

COMPUTATIONAL METHODS IN FINANCE II
NEURAL NETWORKS AND DEEP LEARNING
STATISTICAL COMPUTING USING SAS
TIME SERIES ANALYSIS
INFORMATION VISUALISATION



“From finance and economy to biology and medicine, from manufacturing to infrastructure, data science plays a vital role in all aspects of the modern world. Our MSc Data Science will equip you with an advanced level of skills, knowledge, and experience to pave the way to your career prosperity.”

Dr Long Bai
PROGRAMME DIRECTOR

FINANCIAL MATHEMATICS MSc

The MSc Financial Mathematics programme provides you with the advanced analytical training, quantitative knowledge and practical skill sets required to operate as a professional in modern financial institutions.

Offering a solid education in financial analysis, risk management and financial engineering, the programme is the perfect foundation for a successful career in the finance and banking industries. You will undertake advanced mathematics and programming modules designed with practical applications in mathematical and quantitative finance.

Our graduates can confidently work with complex financial data to provide innovative solutions to challenges in a range of business contexts.

WHAT YOU WILL LEARN

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

- an advanced understanding of financial mathematics and quantitative analysis
- practical mathematics and object-oriented programming skills linking finance theories to real-world application
- the ability to devise, plan and undertake complex research projects in the field of financial mathematics
- skills in research, evaluation and analysis and the quantitative techniques to evaluate and interpret complex data and research literature.

WHY STUDY FINANCIAL MATHEMATICS AT XJTLU?

- Enjoy a balance between theoretical and practical knowledge, which is crucial for a successful career in the financial industry;
- Gain experience in working with financial data and with different terminals, such as the Wind Financial Terminal that provides data on the Chinese market;
- Take advantage of our industry links with a number of networking and internship opportunities available;
- Earn a University of Liverpool degree that is recognised by the Chinese Ministry of Education.

CAREERS AND FURTHER STUDY

Graduates from this programme are well prepared for a range of roles in the business world in organisations including banks, investment firms, insurance companies, consulting services to the financial industry, and government regulation agencies. The programme also offers a solid foundation for pursuing a career in research or academia.

✓ **ATTENDANCE**
Full time

🕒 **DURATION**
18 months

🎓 **QUALIFICATION**
University of Liverpool
MSc Financial
Mathematics

MODULES

COMPULSORY 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

OPTIONAL MODULES

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

ADDITIONAL ACTIVITIES

The university offers a broad range of activities aiming to enrich master students' theoretical and experiential learning and professional development. Trainings, workshops and seminars, covering varieties of themes and topics, both generic and subject-specific, will be offered at both university and school/department levels. You will also be provided with opportunities to work as a teaching assistant, research assistant, or intern at XJTLU. Depending on the programme, field trips and company visits may be organized, and invited talks may be given by the industrial experts and professionals. All these activities will not only support you in your programme study, but also develop your personal and professional skills and enhance your overall employability.



XJTLU WISDOM LAKE ACADEMY OF PHARMACY

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



APPLIED STATISTICS MSc

Applied Statistics (Biostatistics) is an important branch of statistics that concerns the use of statistical principles and methodologies to study issues and phenomena emerging in the fields of the natural and social sciences in order to infer and extrapolate from natural objects of interest. This discipline utilizes applications of mathematical statistical probability theory, methodology, and computational methods investigate, control, and explain, and analyze biometric data in order to break new grounds in medicine and biology.

In biological sciences and pharmaceuticals, applied statistics are a critical element in determining whether experiment design, quality standards, production verification and manufacturing process for new drug development are appropriate and optimal. These are critically important tools for evaluating the efficacy of drugs prior to commercialization, from conducting clinical trials and evaluating drug efficacy.

As such, there is a growing demand for different levels of applied statisticians in academic medical centers, in government agencies, and in the pharmaceutical and biotech industries.

In concordance with the wider academic development strategy, our Wisdom Lake Academy of Pharmacy has set up this programme, powered by the superior discipline and premium educational resources at the University of Liverpool, to provide greater support for biological medicine professionals and future biotech enterprises.

WHAT YOU WILL LEARN

By the time you graduate from the MSc Applied Statistics programme, you will:

- Obtain postgraduate-level education in mathematical and statistical principles, theories and practice
- Discover in-depth theoretical and practical expositions of the factors necessary for mathematical modeling and statistical analysis with emphasis on their application to pharmaceuticals and clinical studies
- Understand how successful mathematical modeling and statistical analysis can shape and influence enhanced strategies of healthcare
- Uncover a profound understanding of the processes and techniques used in developing and implementing mathematical models and statistical strategies
- Equip yourself with the knowledge and skills needed to pursue further academic studies or reach senior positions e.g. statisticians, data analysts, data scientists
- Become the statistical strategists of next-gen pharmaceuticals.

WHY STUDY APPLIED STATISTICS AT XJTLU?

- Applied statistics (biostatistics) graduates play key roles at all stages of drug development, high-level professionals are particular demand.
- Considered one of the key projects at XJTLU within the strategic background of the "Pharmaceutical Valley of China", an initiative outlined by local and national governments.
- Curriculum designed closely in concordance with societal and commercial needs, combining advanced theoretical knowledge with practical skills.
- An international academic team with profound teaching experience in applied statistics and life sciences, as well as adjunct staffs with significant background in industry.
- Flexible study settings: 18 months for full-time students, 36 months for part-time students. Personalised study plans available for students with different backgrounds and career aspirations.
- Strategic cooperation with over 10 well-known companies in biomedicine/pharmaceutical fields in China.
- Located next to Suzhou Biological Nano Park and Suzhou Biomedicine Industrial Park, providing access to 400 biomedical/pharmaceutical companies that can provide extensive internship opportunities.
- All modules are taught in English, cultivating talents with solid theoretical foundations and comprehensive skills in practice. There are broad employment prospects and opportunities for graduates.

CAREERS AND FURTHER STUDY

Graduates of this programme will be prepared for pursuing advanced degrees (e.g. PhD degree) or for direct entry into job market in various sections and positions:

- Biostatisticians in biomedical/ pharmaceutical companies enable to provide data analysis and support for every stage of drug discovery and development;
- Biostatistician/data analysis CRO firms and medical equipment companies
- Hospitals, and research institutions.
- Public health service sections through national bureaus such as the Food and Drug Administration, Center for Disease Control, Community Health Centres and Quarantine Agencies



ATTENDANCE

Full time



DURATION

18 months



QUALIFICATION

University of Liverpool
MSc Applied statistics

- Financial and insurance industry based data analysis and forecasting
- As data scientists/analysts in financial and investment industries.

MODULES

SEMESTER ONE:

COMPULSORY MODULES

PROBABILITY

ADVANCED METHODS IN BIOSTATISTICS

PRINCIPLES OF EPIDEMIOLOGY

OPTIONAL MODULES

SURVIVAL ANALYSES

APPLIED REGRESSION ANALYSES

SEMESTER TWO:

COMPULSORY MODULES

STATISTICAL COMPUTING USING SAS

GENERALIZED LINEAR MODELS

CLINICAL TRIALS: DESIGN AND ANALYSIS

OPTIONAL MODULES

ANALYSIS OF CATEGORICAL DATA

ANALYSIS OF LONGITUDINAL DATA

SEMESTER THREE:

DISSERTATION

ADDITIONAL ACTIVITIES

The university offers a broad range of activities aiming to enrich master students' theoretical and experiential learning and professional development. Trainings, workshops and seminars, covering varieties of themes and topics, both generic and subject-specific, will be offered at both university and school/department levels. You will also be provided with opportunities to work as a teaching assistant, research assistant, or intern at XJTLU. Depending on the programme, field trips and company visits may be organized, and invited talks may be given by the industrial experts and professionals. All these activities will not only support you in your programme study, but also develop your personal and professional skills and enhance your overall employability.

MEDICINAL CHEMISTRY MRes

Medicinal Chemistry MRes combines life science, chemistry, medicine and computational science in order to study the structure and biological activity of drugs. This discipline focuses on the discovery, development and utilisation of leading compounds by studying the mechanism of drug actions in vivo and in vitro as well as their metabolic process in the human body.

This masters programme, provided by the XJTLU Wisdom Lake Academy of Pharmacy, integrates academic development strategies with industry needs for high-quality medicinal chemists. Through the University of Liverpool's educational discipline and superior resources, students can obtain practical experience to better support the needs of industrial enterprises.



WHAT YOU WILL LEARN

By the time you graduate from the MRes Medicinal Chemistry programme, you will:

- be familiar with the chemical structures and common uses of various important drugs
- have advanced and systematic education and training in the areas of structure-activity relationship (SAR), drug design, and chemical modification of leading compounds
- be familiar with the discovery and development process of various important drugs, understand the latest progress, and be able to design and evaluate the synthetic routes of commonly used chemical drugs
- develop better understanding of improved treatment solutions for hard-to-treat diseases such as Alzheimer's disease and cancer
- be able to critically evaluate the current state and future of modern technologies in drug design and development
- have a deep understanding of the theoretical background behind research projects and develop the skills to engage in scientific research in medicinal chemistry and related fields
- develop key skills in project planning, time management, report writing, and effective communication, as well as other comprehensive and professional abilities.

WHY STUDY MEDICINAL CHEMISTRY AT XJTLU?

- The Medicinal Chemistry programme is a key component of the Wisdom Lake Academy of Pharmacy's contribution to the "Pharmaceutical Valley of China", promoting the strategic cooperative relations of pharmaceutical companies and XJTLU in accordance with regional and national goals
- The curriculum is designed to combine advanced knowledge with practical skills to meet the needs of society and enterprise
- Our faculty boasts outstanding professional knowledge, profound teaching experience in medicinal chemistry and life sciences, and includes experts with solid industry experience
- Flexible semester terms: 24 months for full-time students, 36 months for part-time students
- Personalised study plans for students with different backgrounds and future career plans
- Convenient location near Suzhou Biological Nano Park and Suzhou Biomedicine Industrial Park (BioBAY), with over 400 pharmaceutical companies nearby providing extensive internship and job opportunities
- All modules are taught in English to cultivate global talents with solid theoretical foundations and comprehensive skillsets
- Graduates of this programme will have broad-ranging employment prospects and opportunities

CAREERS AND FURTHER STUDY

Medicinal Chemistry is an exciting, rapidly expanding area within the broad discipline of chemistry. This MRes Medicinal Chemistry programme aims to build a solid foundation for graduates to continue their research and advanced studies, as well as prepare them well for future career opportunities.

A career in medicinal chemistry has nearly limitless potential. There is a huge global demand for medicinal chemistry professionals, especially in China, which will continue to grow over the coming years. Graduates have numerous employment opportunities in many areas of the

✓ ATTENDANCE	🕒 DURATION
Full time	24 months
Part time	36 months
🎓 QUALIFICATION	
University of Liverpool MRes Medicinal Chemistry	

pharmaceutical discipline, such as universities, government service, consulting and investment companies, pharmaceutical and biotechnology companies, etc; other emerging industries such as artificial intelligence and new energy are looking for Medicinal Chemistry professionals as well.

MODULES

SEMESTER ONE:

COMPULSORY MODULES

ADVANCED MEDICINAL CHEMISTRY

MODERN INSTRUMENTATION ANALYTICAL TECHNOLOGIES

ADVANCED ORGANIC CHEMISTRY

OPTIONAL MODULES

MODERN PHARMACEUTICAL ACTIVITY SCREENING

MODERN SEPARATION TECHNIQUES AND APPLICATIONS

SEMESTER TWO:

COMPULSORY MODULES

ADVANCED PHARMACOLOGY

ADVANCED DRUG FORMULATION

COMPUTER-ASSISTED DRUG DEVELOPMENT

OPTIONAL MODULES

ADVANCED PHARMACEUTICAL ANALYSIS

APPLICATIONS OF ORGANIC CHEMISTRY IN DRUG SYNTHESIS

SEMESTER THREE & FOUR:

THESIS RESEARCH PROJECT

ADDITIONAL ACTIVITIES

The university offers a broad range of activities aiming to enrich master students' theoretical and experiential learning and professional development. Trainings, workshops and seminars, covering varieties of themes and topics, both generic and subject-specific, will be offered at both university and school/department levels. You will also be provided with opportunities to work as a teaching assistant, research assistant, or intern at XJTLU. Depending on the programme, field trips and company visits may be organized, and invited talks may be given by the industrial experts and professionals. All these activities will not only support you in your programme study, but also develop your personal and professional skills and enhance your overall employability.

PHARMACEUTICAL SCIENCES MRes

MRes Pharmaceutical Sciences is a tailor-made major by XJTLU Wisdom Lake Academy of Pharmacy for the pharmaceutical industry at home and abroad. Based on the two disciplines of chemistry and biology, it covers areas such as pharmaceutical science, pharmacology, toxicology, pharmacognosy, pharmaceutical analysis, clinical pharmacy, and social and administrative pharmacy. The programme is committed to cultivating high-end international compound talents urgently needed by innovative drug R&D enterprises.

The graduates from the MRes Pharmaceutical Sciences programme will have the comprehensive ability to serve as senior applied talents in various fields of the pharmaceutical industry locally and internationally.

Graduates will be capable of engaging in drug discovery, manufacturing, quality control and clinical application in research institutes, drug production and distribution enterprises, medical and health institutions, medical colleges and universities, drug inspection, drug supervision and other fields.

Academy of Pharmacy actively complies with Suzhou's "China Pharma Valley" strategy, the programme aims to cultivate technical professionals in the fields of artificial intelligence drug discovery, natural medicinal chemistry, biopharmaceuticals, translational medicine, personalised medicine, precision medicine, cell and gene therapy, and more. The Academy also plans to provide talent support for the development of the national health industry.

WHAT YOU WILL LEARN

- the basic knowledge and experimental skills of chemistry, life science, basic medicine and other related basic disciplines necessary for pharmaceutical majors;
- the basic theory, knowledge and skills of medicinal chemistry, pharmacology, toxicology, pharmaceutical science, pharmaceutical analysis, pharmacognosy and natural medicinal chemistry, and an understanding of the basics of clinical drug use;
- preliminary training in scientific research methods, preliminary capabilities in drug discovery, drug design and production, drug quality control, lead compound drug screening and drug clinical application;
- the ability to use information technology, literature retrieval methods and relevant mathematical knowledge and skills to analyse and solve problems related to the major;
- an understanding of the regulations and policies of pharmaceutical administration, as well as the economic and management issues in the industry;
- strong self-learning ability to lay the necessary foundation for receiving professional continuing education;
- an understanding of the new scientific progress in this field and new knowledge of related disciplines;

WHY STUDY PHARMACEUTICAL SCIENCES AT XJTLU?

- Pilot Project of XJTLU Stage 3.0:** The MRes Pharmaceutical Sciences programme is based on the international teaching model and resource advantages of XJTLU. The Academy combines XJTLU 3.0 with the strategic goals of China Pharma Valley, by adopting the close cooperation model of government support, enterprise participation and teaching. The programme actively cultivates practical international talents who can use what they learn to meet the demand of enterprises.
- Profound academic accumulation:** We have the academic heritage from our parent universities of Xi'an Jiaotong University and the University of Liverpool, as well as an international academic staff composed of academic experts in various fields and adjunct professors with profound industry experience. The University also has a number of strong related departments, namely Biological Sciences, Chemistry, Mathematics, Statistics and Computer Sciences.
- Seamless curriculum design, science teaching and the industry:** XJTLU Wisdom Lake Academy of Pharmacy closely cooperates with biomedical enterprise partners to set up professional modules and curricula in line with the development trends of the industry, making it both advanced in discipline and practical in knowledge and skills. The curriculum is designed to meet international first-class professional standards, and all modules are taught in English.
- Participating in cutting-edge industrial research projects:** Under the joint guidance of an academic supervisor and an industry adjunct supervisor, relying on rich industrial resources, sophisticated scientific research equipment and a diversified international academic exchange network, students would carry out high-level and cutting-edge research in the biomedical field.

Industrial environment and employment opportunities:

The Academy is adjacent to Suzhou Biomedical Industrial Park (BioBAY), one of the most innovative and influential biomedical industrial parks in China with more than 500 pharmaceutical innovation companies, which could provide internship opportunities. During the masters study period, students will have the opportunity to join industry-university-research joint platforms such as the university-enterprise joint laboratories to participate in research projects and gain the opportunity to enter international high-end pharmaceutical companies earlier than others.



ATTENDANCE

Full time
Part time



DURATION

24 months
36 months



QUALIFICATION

University of Liverpool
MRes Pharmaceutical
Sciences

MODULES

CORE MODULES

SEMESTER ONE:

ADVANCED PHARMACOLOGY

ADVANCED PHARMACEUTICAL ANALYSIS

SEMESTER TWO:

MODERN PHARMACEUTICAL ACTIVITY
SCREENING

ADVANCED DRUG FORMULATION

SEMESTER THREE & FOUR:

THESIS RESEARCH PROJECT

OPTIONAL MODULES

SEMESTER ONE:

ADVANCED MEDICINAL CHEMISTRY

PRINCIPLES OF TOXICOLOGY

ADVANCED PRINCIPLES OF GXP AND THEIR
APPLICATIONS

SEMESTER TWO:

COMPUTER-AIDED DRUG DESIGN

REGULATORY SCIENCES AND PROJECT
MANAGEMENT

MODERN SEPARATION TECHNIQUES AND
APPLICATIONS

CAREERS AND FURTHER STUDY

Graduates will have the comprehensive ability to serve as senior applied talents in various fields of the pharmaceutical industry at home and abroad. They will be capable of engaging in drug discovery, manufacturing, drug inspection and drug supervision, quality control and clinical application in research institutes, drug production and distribution enterprises, medical and health institutions, and medical colleges and universities.

ADDITIONAL ACTIVITIES

The university offers a broad range of activities aiming to enrich master students' theoretical and experiential learning and professional development. Trainings, workshops and seminars, covering varieties of themes and topics, both generic and subject-specific, are often offered at both university and school/department levels. You may also be provided with opportunities to work as a teaching assistant, research assistant, or intern at XJTLU. Depending on the programme, field trips and company visits may be organized, and invited talks may be given by the industrial experts and professionals. Such activities will not only support you in your programme study, but also develop your personal and professional skills and enhance your overall employability.

XJTLU ENTREPRENEUR COLLEGE (TAICANG)

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

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

Located in the north-east of Suzhou, the seven industry schools housed at the new campus are designed to help graduates become future leaders and prepare for challenges from disruptive technology, rapid innovation, and shifting market demand.



ENTREPRENEURSHIP AND INNOVATION MSc

The MSc Entrepreneurship and Innovation programme has been carefully developed to be both academically robust and practical, valuing innovation and creativity, enabling students to build up a necessary knowledge base for successful entrepreneurial thinking.

The MSc Entrepreneurship and Innovation programme is designed to stimulate students to acquire an entrepreneurial mindset. The programme enables students to learn how to identify new innovative or entrepreneurial opportunities, assess their potential, identify possible investors and clients, and bring ideas to the market. They learn how to develop and maximize managerial and leadership skills, including managing multi-disciplinary teams in innovative contexts. Students put theory into practice in the programme, either through creating their own business venture, or through working on their innovative project within a business in their chosen track.

The MSc Entrepreneurship and Innovation programme offers a broad range of pathways to meet diverse students' interests and needs: Business, Circular Economy, Creative Technology, Enterprise Governance, Innovation and Succession, FinTech, Smart Cities and Technology Transfer Management.

WHAT YOU WILL LEARN

- advanced awareness of current theories, trends and techniques in the theory, practice and research of Entrepreneurship and Innovation;
- the ability to compete for opportunities and transform them into viable concepts and business ideas;
- the skills to plan, manage and resource entrepreneurial business activities;
- the capability to evaluate, research, write and present business plans/feasibility studies utilising key relevant frameworks and concepts;
- an understanding of the importance of ethical and social responsibility as well as ethical and social sustainability from a regulatory perspective in entrepreneurialism;
- experience in managing the next stage of your career in your chosen track; and
- an entrepreneurial mindset.

WHY STUDY ENTREPRENEURSHIP AND INNOVATION AT XJTLU?

- Develop entrepreneurial competencies and mindset;
- Improve management skills and entrepreneurship capabilities for leading and directing innovative ventures;
- Get academic support from highly-experienced academic staff with a variety of entrepreneurial and business competence from the University, including the Entrepreneurship and Enterprise Hub within XJTLU Entrepreneur College (Taicang);
- Receive professional support and advice from hand-picked industry mentors to guide you through your plans for how to be an entrepreneur/intrapreneur;
- Earn a University of Liverpool degree that is recognised by the Chinese Ministry of Education and worldwide.

CAREERS AND FURTHER STUDY

The skills, mindset and knowledge gained from this industry-oriented programme leave you well prepared for a career in multiple areas. Whilst many graduates will continue to develop their businesses in their chosen pathway, other opportunities exist as management or business consultants (internal or external to organisations), enterprise leaders, and strategic facilitators in an unlimited choice of areas beyond your chosen pathway.

MODULES

BUSINESS PATHWAY

SEMESTER ONE:

ENTREPRENEURSHIP AND INNOVATION
ENTREPRENEURIAL FINANCE
STRATEGIC MANAGEMENT

OPTIONAL MODULES

ORGANISATIONAL BEHAVIOUR AND PEOPLE MANAGEMENT
MARKETING MANAGEMENT

SEMESTER TWO:

RESEARCH METHODS FOR ENTREPRENEURS
INTELLECTUAL PROPERTY
BUSINESS STRATEGY AND SUSTAINABILITY

OPTIONAL MODULES

LEADERSHIP
VENTURE FINANCE
DIGITAL FINANCE

SEMESTER THREE & FOUR:

WORK PLACEMENT
CONSULTING PROJECT
BUSINESS START-UP

CIRCULAR ECONOMY PATHWAY

SEMESTER ONE:

ENTREPRENEURSHIP AND INNOVATION
ENTREPRENEURIAL FINANCE
STRATEGIC MANAGEMENT

OPTIONAL MODULES

ORGANISATIONAL BEHAVIOUR AND PEOPLE MANAGEMENT
MARKETING MANAGEMENT

SEMESTER TWO:

RESEARCH METHODS FOR ENTREPRENEURS
INTELLECTUAL PROPERTY
BUSINESS STRATEGY AND SUSTAINABILITY

OPTIONAL MODULES

LEADERSHIP
VENTURE FINANCE
DIGITAL FINANCE

SEMESTER THREE & FOUR:

WORK PLACEMENT
CONSULTING PROJECT
BUSINESS START-UP



ATTENDANCE

Full time
Part time



DURATION

24 months
42 months



QUALIFICATION

University of Liverpool
MSc Entrepreneurship and Innovation

CREATIVE TECHNOLOGY PATHWAY

SEMESTER ONE:

ENTREPRENEURSHIP AND INNOVATION
 ENTREPRENEURIAL FINANCE
 STRATEGIC MANAGEMENT

OPTIONAL MODULES

ORGANISATIONAL BEHAVIOUR AND PEOPLE
 MANAGEMENT

MARKETING MANAGEMENT

SEMESTER TWO:

RESEARCH METHODS FOR ENTREPRENEURS
 INTELLECTUAL PROPERTY
 CREATIVE AND CULTURAL ENTREPRENEURSHIP

OPTIONAL MODULES

BUSINESS STRATEGY AND SUSTAINABILITY
 GAME INDUSTRY AND CULTURE

SEMESTER THREE & FOUR:

WORK PLACEMENT
 CONSULTING PROJECT
 BUSINESS START-UP

ENTERPRISE GOVERNANCE, INNOVATION, AND SUCCESSION PATHWAY

SEMESTER ONE:

ENTREPRENEURSHIP AND INNOVATION
 ENTREPRENEURIAL FINANCE
 FAMILY BUSINESS GOVERNANCE

OPTIONAL MODULES

ORGANISATIONAL BEHAVIOUR AND PEOPLE
 MANAGEMENT

MARKETING MANAGEMENT

STRATEGIC MANAGEMENT

SEMESTER TWO:

RESEARCH METHODS FOR ENTREPRENEURS
 ASSET MANAGEMENT AND WEALTH SUCCESSION
 BUSINESS SUCCESSION AND INNOVATION

OPTIONAL MODULES

BUSINESS STRATEGY AND SUSTAINABILITY
 LEADERSHIP

SEMESTER THREE & FOUR:

WORK PLACEMENT
 CONSULTING PROJECT

FINTECH PATHWAY

SEMESTER ONE:

ENTREPRENEURSHIP AND INNOVATION
 ENTREPRENEURIAL FINANCE
 STRATEGIC MANAGEMENT
 FUNDAMENTALS OF FINTECH

OPTIONAL MODULES

BLOCKCHAIN TECHNOLOGY IN
 FINANCE
 BUSINESS STRATEGY AND
 SUSTAINABILITY
 MACHINE LEARNING IN FINANCE
 DIGITAL FINANCE

SEMESTER TWO:

RESEARCH METHODS FOR ENTREPRENEURS
 INTELLECTUAL PROPERTY
 ETHICS, RISK + REGULATION IN FINTECH

SEMESTER THREE & FOUR:

WORK PLACEMENT
 CONSULTING PROJECT (APPLIED FINTECH
 PROJECT)
 BUSINESS START-UP

SMART CITIES PATHWAY

SEMESTER ONE:

ENTREPRENEURSHIP AND INNOVATION
 ENTREPRENEURIAL FINANCE
 STRATEGIC MANAGEMENT
 DIGITAL TRANSFORMATION FOR SMART CITIES

OPTIONAL MODULES

ORGANISATIONAL BEHAVIOUR AND PEOPLE
 MANAGEMENT

MARKETING MANAGEMENT

STRATEGIC MANAGEMENT

SEMESTER TWO:

RESEARCH METHODS FOR ENTREPRENEURS
 INTELLECTUAL PROPERTY
 BUSINESS STRATEGY AND SUSTAINABILITY

OPTIONAL MODULES

SUSTAINABLE URBAN PLANNING
 STRATEGIC BUSINESS STRATEGY AND
 SUSTAINABILITY
 SPATIAL ANALYSIS AND VISUALISATION

SEMESTER THREE & FOUR:

WORK PLACEMENT
 CONSULTING PROJECT
 BUSINESS START-UP

TECHNOLOGY TRANSFER MANAGEMENT PATHWAY

SEMESTER ONE:

ENTREPRENEURSHIP AND INNOVATION
 ENTREPRENEURIAL FINANCE
 STRATEGIC CAPABILITIES FOR TECHNOLOGY
 INNOVATION

OPTIONAL MODULES

INDUSTRIAL INTERNET OF THINGS

MATERIAL SCIENCE AND MANUFACTURING
 PROCESSES

OPTIONAL MODULES

SUSTAINABLE URBAN PLANNING
 STRATEGIC BUSINESS STRATEGY AND
 SUSTAINABILITY
 TECHNOLOGY AND INNOVATION MANAGEMENT

SEMESTER THREE & FOUR:

WORK PLACEMENT
 CONSULTING PROJECT
 BUSINESS START-UP

SEMESTER TWO:

RESEARCH METHODS FOR ENTREPRENEURS
 INTELLECTUAL PROPERTY
 TECHNOLOGY TRANSFER: THEORY AND PRACTICE

ACADEMY OF FILM AND CREATIVE TECHNOLOGY

Established in response to various needs of government, industry, and society, and in concordance with the principles laid out by XJTU's Syntegrative Education initiative, the Academy of Film and Creative Technology is re-thinking the role that universities play in the revitalisation of cultural and creative industries.

The AFCT will be a unique multi-location educational model, providing cross-site opportunities for students and staff. Building on the prime values of the University, the Academy brings together a creative core of media and communications technology, creating an international cultural ecosystem driven by knowledge generation to advance industry and society into the future.



CULTURAL AND CREATIVE INDUSTRIES MSc

The MSc Cultural and Creative Industries degree offers students a roadmap to dynamic careers in related fields through understanding the cultural policies, governance and operation of cultural and creative industries. The programme also seeks to place cultural economies in the industrial context, and explore the applications and implications for contemporary industrial practices.

The MSc Cultural and Creative Industries runs under the newly established Academy of Film and Creative Technology and offers three pathways to suit the needs of our diverse student population.

Regardless of whichever pathway a student chooses, they will be engaged in cutting-edge media, technology and creativity. In addition to the subject matter, the programme also has strong entrepreneurial elements – a hallmark of all postgraduate courses from the Academy.

CAREERS AND FURTHER STUDY

The Content Producing pathway can help students become film or media producers, media managers, visual storytellers, film or media distributors, media planners, media marketing or branding managers, content creators or planners, and more.

The Creative Industries pathway can enable students to work as visual designers, creative directors, game art designers, media designers, game developers, content creators, branding managers, curators, and more.

The Cultural Industries pathway can prepare students to become cultural exhibitors, cultural production planners, cultural heritage and tourism planners, event planners or managers, museum or gallery managers, and more.

WHAT YOU WILL LEARN

- comprehensive knowledge and understanding of the historical development and contemporary practices of cultural and creative industries
- a deep understanding of the methodologies and research techniques across the disciplinary landscape
- understanding of key processes and practices employed in developing projects into cultural and creative industries
- knowledge of professional practices relative to the cultural and creative industries
- awareness of the major theories and debates that contribute to the understanding of cultural and creative industries as a creative, critical and economic practice.

WHY STUDY CULTURAL AND CREATIVE INDUSTRIES AT XJTLU?

- **Content Producing:** This pathway cultivates students to become content creators, producers, or other visual storytelling professionals such as filmmakers or production managers. It is suitable for (but not exclusive to) students with previous backgrounds in filmmaking, TV production, performing arts or other related disciplines.
- **Creative Industries:** This pathway trains students to become creative developers and design managers that can work in industries designing products for media consumers. It is suitable for (but not exclusive to) students with previous backgrounds in industrial product design, visual communication design, computer science (such as game development), technology design or other related disciplines.
- **Cultural Industries:** This pathway leads students to become cultural workers that understand and pursue the economic and ecological opportunities for cultural applications and issues. It is suitable for (but not exclusive to) students with previous backgrounds in literature, museology, library science or other related disciplines.

 **ATTENDANCE**
Full time

 **DURATION**
18 months

 **QUALIFICATION**
University of Liverpool
MSc Cultural and
Creative Industries

MODULES

CORE MODULES

SEMESTER ONE:

INTRODUCTION TO CULTURAL AND CREATIVE INDUSTRIES

CULTURAL AND MEDIA POLICIES

RESEARCH METHODS FOR CULTURAL AND CREATIVE INDUSTRIES

VISUAL CULTURES

SEMESTER TWO:

CULTURAL AND CREATIVE ENTREPRENEURSHIP

AUDIENCE RECEPTION AND PERCEPTION

MARKETING AND BRANDING FOR CULTURAL AND CREATIVE INDUSTRIES

INTELLECTUAL PROPERTY FOR CULTURAL AND CREATIVE INDUSTRIES

SEMESTER THREE:

PATHWAY 1

CONTENT PRODUCING

ADVANCED VISUAL STORYTELLING TECHNIQUES

RESEARCH DESIGN AND PLANNING

INDUSTRIAL PRACTICE

PATHWAY 2

CREATIVE INDUSTRIES

CREATIVE AND AESTHETICS ECONOMY

RESEARCH DESIGN AND PLANNING

INDUSTRIAL PRACTICE

PATHWAY 3

CULTURAL INDUSTRIES

CULTURAL ENGAGEMENT IN PUBLIC SPACE AND COMMUNITY

RESEARCH DESIGN AND PLANNING

INDUSTRIAL PRACTICE

SEMESTER FOUR:

PATHWAY 1

CONTENT PRODUCING

CONTENT PRODUCING RESEARCH PROJECT

DISTRIBUTION PROJECT

PATHWAY 2

CREATIVE INDUSTRIES

CREATIVE INDUSTRIES RESEARCH PROJECT

COMMERCIALISATION PROJECT

PATHWAY 3

CULTURAL INDUSTRIES

CULTURAL INDUSTRIES RESEARCH PROJECT

DISSEMINATION PROJECT

OPTIONAL MONDULES

SEMESTER FOUR:

PATHWAY 1

CONTENT PRODUCING

SUSTAINABILITY AND ETHICS IN CULTURAL AND CREATIVE INDUSTRIES

INDEPENDENT PRODUCING AND MANAGEMENT

PATHWAY 2

CREATIVE INDUSTRIES

SUSTAINABILITY AND ETHICS IN CULTURAL AND CREATIVE INDUSTRIES

GAME INDUSTRIES AND CULTURE

PATHWAY 3

CULTURAL INDUSTRIES

SUSTAINABILITY AND ETHICS IN CULTURAL AND CREATIVE INDUSTRIES

CULTURAL HERITAGE AND TOURISM

ADDITIONAL ACTIVITIES

The university offers a broad range of activities aiming to enrich master students' theoretical and experiential learning and professional development. Trainings, workshops and seminars, covering varieties of themes and topics, both generic and subject-specific, are often offered at both university and school/department levels. You may also be provided with opportunities to work as a teaching assistant, research assistant, or intern at XJTLU. Depending on the programme, field trips and company visits may be organized, and invited talks may be given by the industrial experts and professionals. Such activities will not only support you in your programme study, but also develop your personal and professional skills and enhance your overall employability.

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www.xjtlu.edu.cn
international@xjtlu.edu.cn
 +86(0)512 8816 1889