

XJTLU

**POSTGRADUATE
2016**

**PG
2016**



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WELCOME



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

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

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

XJTLU is perfectly placed to give you the opportunity to explore China in the 21st century. We hope that XJTLU can help you develop into a truly global citizen with the skills, knowledge, abilities, temperament and tenacity to succeed in today's highly competitive and fast-changing world.

We encourage staff and students to pursue innovative interdisciplinary research, and we promote academic freedom and collegiality.

We are growing rapidly, constructing new research laboratories with state-of-the-art facilities, and strengthening links with industry and universities worldwide.

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

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

ABOUT XJTLU



◀ **UK DEGREE FROM THE UNIVERSITY OF LIVERPOOL**
 Globally recognised masters or PhD degree from the University of Liverpool, a member of the Russell Group of leading UK universities.



◀ **GROWING GLOBAL COMMUNITY**
 Over 8,000 undergraduate and postgraduate students and more than 450 academic staff from 50 countries... and counting!



◀ **SINO-BRITISH EXCELLENCE**
 Founded in 2006, Xi'an Jiaotong-Liverpool University is the largest international collaborative university in China, combining the best of east and west.



▶ **ENGLISH-TAUGHT**
 All programmes are taught 100 percent in English. A summer pre-sessional English course and continuing support services are also available.



▶ **AN EXCITING RANGE OF MASTERS PROGRAMMES**
 Study sciences, technology, engineering, mathematics, architecture and urban planning, language and culture, media, communication or business.



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

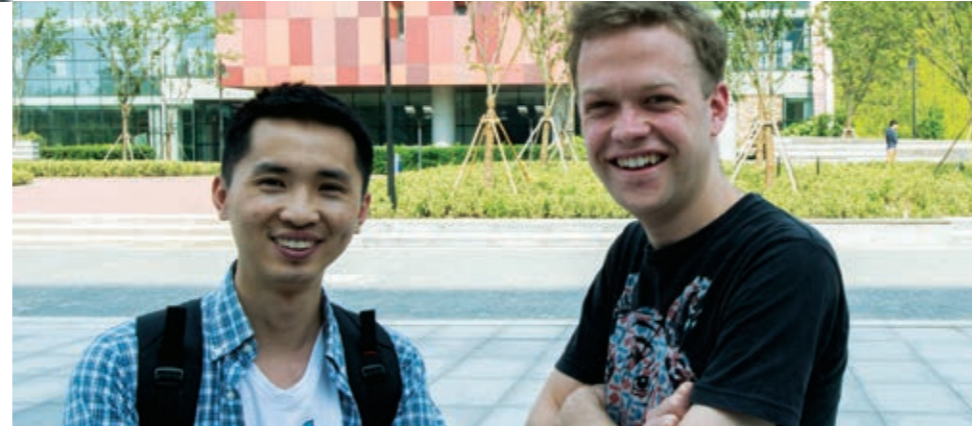
⤵ **LEARN CHINESE LANGUAGE AND CULTURE**
 Opportunities to study Chinese language at all levels, while delving into Chinese culture, politics, history and business.



◀ **RESEARCH-LED AT OUR CORE**
 Learn in an environment of rigorous academic enquiry.



◀ **TOP CAREER PROSPECTS**
 China experts are highly sought after in the global job market, while multinational corporate partners offer internships and employment opportunities.



▶ **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.



THE RESULTING CROSS-FERTILISATION
OF IDEAS AND SKILLS PROMISES
TO MAKE THE UNIVERSITY AN
INTELLECTUALLY EXCITING PLACE TO
CONDUCT ORIGINAL RESEARCH.

RESEARCH-LED

A defining feature of a serious university is its ability to generate knowledge and to ensure that new insights are applied to the problems of society and passed down to future generations. Unsurprisingly, therefore, XJTLU places great emphasis on graduate teaching and research and its impact on everything we do.

We recognise the importance of fundamental studies in generating important basic knowledge and spurring new ways of thinking. Equally, we carry out applied research, not least because it underpins long-term economic growth and social well-being, and make enormous efforts to pass knowledge on via our taught masters degrees.

Our international academic staff have been trained at globally distinguished universities and research institutes, and collectively bring an enormous range of expertise and innovative thinking to XJTLU.

To ensure that the University makes effective use of its talented staff, it has established a number of interdisciplinary research centres and institutes, focussing on topics ranging from biopharmaceutical science to design, and from quantitative finance to urbanisation.

The resulting cross-fertilisation of ideas and skills promises to make the University an intellectually exciting place to conduct original research and to learn about the latest concepts in critical disciplines. XJTLU's postgraduate students are supported by excellent infrastructure such as state-of-the-art laboratory facilities and expert technical staff.

XJTLU is well-positioned to address key challenges of the 21st century.

If you choose masters study at XJTLU, you will be mentored by staff who are internationally respected experts in their fields. Similarly, our PhD supervisors will guide you through one of the most intellectually satisfying experiences of your life.

Upon successful completion of your masters or doctoral programme, you will be awarded a degree from the University of Liverpool, a member of the Russell Group of leading universities in the UK.

PhD students will be supervised by an academic staff member from each university, and have the opportunity to study in the UK.



PhD STUDY

SCHOLARSHIPS

XJTLU is currently offering a number of masters and PhD scholarships to encourage outstanding graduate students to join the XJTLU community. For more information, please email pgenquiries@xjtlu.edu.cn (for masters degree programmes) or doctoralstudies@xjtlu.edu.cn (for PhD degree programmes).

OUR CORE RESEARCH AREAS

XJTLU is a bridge for research collaboration between east and west, serving both as a portal for research talents entering China and a showcase for local research potential to the world at large. We have a number of research institutes:

- Research Institute of Biopharmaceutical Sciences
- Institute for Sustainable Materials and Environment
- Research Institute of Big Data Analytics
- Research Institute for Industrial Design and 3D Printing
- Research Institute for Operations and Supply Chain Excellence
- Research Institute for Smart and Green Cities
- Research Institute of Quantitative Finance
- Institute of Leadership and Education Advanced Development
- Research Institute for Economic Integration
- Research Institute of Urbanisation
- Research Institute on Ageing and Society
- Design Research Institute

PhD STUDY FIELDS

The XJTLU doctoral programme is a strategic research collaboration between XJTLU and the University of Liverpool based at XJTLU. PhD opportunities are available in all academic departments:

- Architecture
- Biological Sciences
- Chemistry
- China Studies
- Civil Engineering
- Computer Science and Software Engineering
- Electrical and Electronic Engineering
- English, Culture and Communication
- Environmental Science
- Industrial Design
- International Business School Suzhou
- Mathematical Sciences
- Public Health
- Urban Planning and Design

KEY BENEFITS

The programmes equip you with a range of professional skills to help you maximise your future employability. Doctoral students also have dedicated travel budgets for participating in international conferences. The key benefits of studying at XJTLU include:

- our location in one of the world's most dynamic economies
- English-language learning and teaching
- being based in China's Silicon Valley alongside 100+ universities, research institutes and facilities
- generous scholarships and bursaries
- a welcoming international environment in a beautiful green city with a low cost of living.

“My passion is developing an academic environment where internationally excellent research and advanced teaching of all types can flourish. Our ultramodern laboratory facilities rival those anywhere in the world. Our advanced study programmes underpin our research.”

PROFESSOR DAVID O'CONNOR
DEAN
RESEARCH AND GRADUATE STUDIES



TAKE ADVANTAGE OF THE KNOWLEDGE AND EXPERIENCE OF OUR INTERNATIONAL STAFF, AND ENGAGE FULLY IN ENGLISH, THE TRULY INTERNATIONAL *LINGUA FRANCA* OF EDUCATION, SCIENCE AND BUSINESS.

LEARNING AND TEACHING

THE XJTLU APPROACH

XJTLU engages students in every aspect of the learning and teaching experience through an educational philosophy that puts students at the centre of every aspect of university life.

You will be actively engaged in the learning process, working in teams, using the latest classroom technologies and benefitting from early research opportunities.

Take advantage of the knowledge and experience of our international staff, and engage fully in English, the truly international *lingua franca* of education, science and business. XJTLU's learning and teaching philosophy ensures that its distinctive graduates are well-placed and in demand in the job market and in society as a whole.



ALA

Additional Learning Activity, or 'ALA' provides enrichment of both theoretical and experiential learning during your masters programme study at XJTLU. ALAs are non-credit and pass/fail. ALAs are prescribed for each programme including some activities that may be jointly developed with your academic advisor. 200 hours per semester are required to complete your masters degree.

TYPICAL ALAs INCLUDE BUT ARE NOT LIMITED TO:

- language study in Chinese, English, Spanish or another language
- additional online and in-person modules on culture, business, technical skills or other topics that complement your primary study area
- delivery of teaching as a graduate teaching assistant
- engagement in a research project as a graduate research assistant
- internship or private sector consulting project
- professional and employment skills development
- field trips
- community engagement.

“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
STUDENT
MSC MANAGEMENT



STUDENT SUPPORT



“I was happy with the support I got from the professors at XJTLU who helped me if I was struggling with my research or encountering any technical or theoretical difficulties.”

ZHI JIN
PHD STUDENT
ELECTRICAL AND ELECTRONIC ENGINEERING

STUDENT SUPPORT

Support for your well-being and academic development is available throughout XJTLU. For instance, academic supervisors help you with personal and academic development and support you in devising your additional learning activity plan. The Student Affairs Office offers additional help with study or personal issues for all students.

The Registry's Student Academic Services Team is on hand to help you with class scheduling, academic records, degree requirements and much more.

SUPPORT FOR INTERNATIONAL STUDENTS

Our International Student Recruitment and Support office provides a range of services to help make your experience at XJTLU go as smoothly as possible. ISRS is the first service point for all international students from Hong Kong, Macao and Taiwan. You can access a range of facilities, plus a support network to ensure your safety, health and well-being.

ISRS will also provide support for arranging your accommodation and student visa.

ISRS organises a pick-up service for all new international students arriving in China at Shanghai Hongqiao or Shanghai Pudong airports, or at the Suzhou or Suzhou Industrial Park train stations.

ORIENTATION

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

ENGLISH LANGUAGE CONTINUING SUPPORT

The Language Centre provides continuing support courses to help you with any English language and study skills issues you may encounter in your studies. Continuing support focusses on academic literacies, study skills, learning techniques and how to best learn English in China, helping you to bridge the gaps between English and academic subject-specific study. This includes two main elements: the additional learning activity and individual tutorial sessions.

CAREER SERVICES

The Career Development Office provides assistance with work placement and job searches. Services include lectures and seminars, advice on CV and cover letters, and workshops on interview techniques and career planning. The office also arranges external mentoring with industry professionals and maintains a careers library with books and journals on career planning, together with IT resources.

CHINESE LANGUAGE CLASSES

The Language Centre is one of the largest of its kind in Asia and not only offers comprehensive support for English language, but also exciting Chinese language options for international students.

THROUGHOUT YOUR TIME AT XJTLU, YOU CAN GET HELP AND ADVICE ON YOUR STUDIES AND LIFE FROM A VARIETY OF DIFFERENT SUPPORT ORGANISATIONS.

THE FOLLOWING ARE SAMPLES OF WORKSHOPS AVAILABLE TO MASTERS AND PhD STUDENTS:

CONFERENCE APPLICATIONS	NETWORKING SKILLS
CONFERENCE POSTER DESIGN	ADVANCED GRAMMAR
CONFERENCE PRESENTATIONS	TECHNICAL, IDIOMATIC AND METAPHORICAL ENGLISH
WRITING JOURNAL ARTICLES	ARTICLES, PREPOSITIONS AND VERBS
POLISHING ACADEMIC WRITING	NEGOTIATION SKILLS
TECHNICAL WRITING	SECRETS OF SPEAKING ENGLISH



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.



FOUR-WEEK COURSE

WEEK 1

EDUCATION AND CULTURE
INTRODUCTION TO ACADEMIC ENGLISH
WRITING AND FINDING SOURCES

WEEK 2

INTELLECTUAL PROPERTY
USING SOURCES IN WRITING
CRITICAL READING AND WRITING

WEEK 3

RESEARCHING YOUR PROGRAMME
INTERACTING IN SEMINARS
REVISING YOUR WORK

WEEK 4

DISCIPLINE-SPECIFIC TOPIC
WRITING ESSAYS AND REPORTS
ASSESSMENTS

SIX-WEEK COURSE

WEEK 1

PREPARING FOR AN ENGLISH UNIVERSITY
BUILDING GRAMMAR/VOCABULARY
EXPANDING WRITING

WEEK 2

STUDY SKILLS FOR PG STUDY
WRITING ESSAYS AND REPORTS
PRESENTATIONS AND GROUP WORK

WEEK 3

EDUCATION AND CULTURE
INTRODUCTION TO ACADEMIC ENGLISH
WRITING AND FINDING SOURCES

WEEK 4

INTELLECTUAL PROPERTY
USING SOURCES IN WRITING
CRITICAL READING AND WRITING

WEEK 5

RESEARCHING YOUR PROGRAMME
INTERACTING IN SEMINARS
REVISING YOUR WORK

WEEK 6

DISCIPLINE-SPECIFIC TOPIC
WRITING ESSAYS AND REPORTS
ASSESSMENTS

PRESESSIONAL ADVANCED ENGLISH FOR ACADEMIC PURPOSES

The XJTLU Preessional courses are designed to develop the English language and academic study skills necessary to meet the challenges of studying at masters level. These include academic writing, general listening and speaking, research, critical evaluation and writing for specific audiences.

ABOUT THE COURSES

The courses run for four or six weeks and are comprised of approximately 100 or 150 hours of teaching and 50 or 75 hours of self-study.

WHO SHOULD TAKE PSE?

If you miss the language requirements by 0.5-1.0 of IELTS (or equivalent) then you can change your offer to "unconditional" by taking PSE. Students who meet the average score but do not meet the score on one language skill (reading, writing, speaking or listening) are eligible. Students who complete PSE will not need to retake IELTS or TOEFL.

TUITION FEES

Four-week course – RMB 12,000

Six-week course – RMB 20,000

Students who pay their deposit before 1 June 2016 will receive a 20 percent discount.

PRELIMINARY SCHEDULE

Four-week course – 8 August to 2 September 2016

Six-week course – 25 July to 2 September 2016

Arrival and registration – 22 July/5 August 2016



HOW TO APPLY

APPLICATIONS ARE ACCEPTED ONLINE. PLEASE CHECK THE WEBSITE FOR DETAILS:

www.xjtlu.edu.cn/en/masters/preessional-english-courses

ALUMNI

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

Our English language UK degree, high-quality research and connections with industry offer graduates an exceptionally wide range of opportunities. XJTLU graduates are proving very successful in finding desirable positions across different industries.

You can also take advantage of a range of opportunities for personal and professional development such as free access to the University of Liverpool's vast library resources and discounts on many management journals and databases. You will be able to participate in both University of Liverpool and XJTLU alumni events including social networking gatherings and online professional development webinars.

XJTLU alumni also have access to offices in London, Beijing and Shanghai. Please contact alumni@xjtlu.edu.cn for more details.

YOU CAN ALSO TAKE ADVANTAGE OF A RANGE OF OPPORTUNITIES FOR PERSONAL AND PROFESSIONAL DEVELOPMENT SUCH AS FREE ACCESS TO UOL'S VAST LIBRARY RESOURCES AND DISCOUNTS ON MANY MANAGEMENT JOURNALS AND DATABASES.



CAREERS AND EMPLOYABILITY

Located in Suzhou industrial Park, over 5,000 foreign-owned enterprises and Fortune 500 enterprises in SIP provide XJTLU students numerous internship opportunities and job positions.

XJTLU has strategic cooperation and established practice bases with organisations such as HSBC, Standard Chartered Bank, Siemens, KPMG, Alstom, Schneider Electric and Industrial and Commercial Bank of China.

Graduates work at institutions and enterprises including the 'Big Four' accounting and consulting firms, foreign-owned banks, financial institutions, foreign-owned manufacturing and developing firms and large and medium-sized state-owned enterprises. Graduates also receive offers of employment from around the world, with companies such as The Royal Bank of Scotland, Citibank (London), Ernst & Young (UK), Tesco (UK), Q-Game (Japan), HENKEL (Germany) and Singapore National Grid. XJTLU graduates' international perspectives and competitive capabilities are highly recognised by employers.



ENTREPRENEURSHIP

Among those who start work immediately upon graduation, some students choose to start their own company and the University encourages such actions. With the guidance from the Career Development Office, many students take advantage of XJTLU Innovation Park to develop their own products.

THE XJTLU CHINA INNOVATION HUB

The Innovation Hub provides a collaborative ecosystem of innovative programmes and partnerships that drives economic and entrepreneurial development among the XJTLU student and staff and the broader community. The hub organises conferences, competitions and events, undertakes research, consulting and funding, provides mentoring, advice and support. We aim to be the leading university incubator of startups in China.

CAMPUS



“I graduated as an undergraduate from this university and when it came to choosing my masters, I knew that remaining at XJTLU was a great choice, providing yet more opportunities to learn from excellent academic staff and enhance my knowledge of China and the world.”

REZA SAFARI
STUDENT
MSC MANAGEMENT



IN ADDITION TO THE WORLD-CLASS FULLY EQUIPPED SCIENCE AND ENGINEERING LABORATORIES, INTERNATIONAL BUSINESS SCHOOL SUZHOU, AND DESIGN STUDIOS, THE CAMPUS ALSO HAS CONFERENCE FACILITIES, TENNIS AND BASKETBALL COURTS, A SPORTS FIELD AND TRACK AND A VARIETY OF CATERING FACILITIES.



XJTU CAMPUS

AWARD-WINNING NORTH CAMPUS

Our campus has expanded rapidly over the past few years, with excellent support and resource facilities housed on the north campus.

The north campus development provides state-of-the-art teaching, laboratory, research and support facilities, and will accommodate 10,000 students by 2016/17. This includes the award-winning Central Building, housing the XJTU library.

In addition to the world-class fully equipped science and engineering laboratories, International Business School Suzhou, and design studios, our campus also has conference facilities, tennis and basketball courts, a sports field and track, and a variety of catering facilities.

FUTURE EXPANSION

Construction of the south campus development is underway, with the first phase set for completion in 2016/17.

The new facilities will include teaching and research space for humanities and social sciences, industrial design and interdisciplinary sciences. The campus will also include more world-class labs, studios and study spaces, as well as catering facilities and a central park area.

Upon completion of this exciting development, XJTU will have capacity for 15,000 students.

LEARNING RESOURCES



USD 400 MILLION INVESTED IN
STATE-OF-THE-ART TEACHING,
LABORATORY, RESEARCH AND
SUPPORT FACILITIES



LEARNING RESOURCES

THE LIBRARY

XJTLU students have access to a wide range of library resources, from books and journals to electronic databases and articles. The XJTLU library plays a key role as a research support and learning centre for the University. The library develops its collection by focussing on subject development and research requirements.

The library currently holds over 500,000 books, which are added to and updated throughout the year in response to requests from academic departments. It provides 22,000 square metres of space, housing 300 PCs and 2,500 seats for studying, discussion and computer and studio work.

IT SERVICES

Our computer services use the latest technologies and are updated regularly. Students have access to all of the major IT packages and subject-specific software, as well as to fully equipped computer labs across campus.

IT Services also provide free Wi-Fi access across campus, file server storage and printing services. A dedicated IT helpdesk is available to all students seven days per week.

THE LIBRARY CURRENTLY HOLDS OVER 500,000 BOOKS, WHICH ARE ADDED TO AND UPDATED THROUGHOUT THE YEAR IN RESPONSE TO REQUESTS FROM ACADEMIC DEPARTMENTS.

KEY FACTS ABOUT THE LIBRARY

OVER 500,000 BOOKS

1,500 COMPUTER WORKSTATIONS

50,000 ACADEMIC E-BOOKS

12,000 ACADEMIC JOURNALS

2.5 MILLION E-BOOKS

CAMPUS LIFE

As a student at XJTLU, you will have the opportunity to try a range of activities and to develop your existing skills.

Student clubs and societies play an important role in life at XJTLU, with more than 100 organisations centred around art, sports, music, entrepreneurship and dance, 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.

THE CAMPUS ALSO HAS ITS VERY OWN STUDENT ENTERPRISE PARK, WHERE STUDENTS CAN TRY STARTING THEIR OWN BUSINESSES OR SIMPLY ENJOY THE SHOPS AND SERVICES.





SPORT FACILITIES

RUNNING TRACKS

TENNIS COURTS

BASKETBALL COURTS

FOOTBALL FIELDS

INDOOR GOLF PRACTICE

50M SWIMMING POOL

SPORTS HALL

FITNESS CENTRE

ROCK CLIMBING WALL

DANCE STUDIO



XJTU IS LOCATED IN THE DUSHU LAKE SCIENCE AND EDUCATION INNOVATION DISTRICT, SURROUNDED BY OVER 20 UNIVERSITIES AND COLLEGES. ALL STUDENTS CAN ENJOY ACCESS TO THE SEID SPORTS, LIBRARY AND RECREATIONAL FACILITIES.





IF YOU ARE VISITING
CHINA FOR THE FIRST
TIME, DON'T WORRY. WE
WILL HELP YOU BOOK
YOUR ACCOMMODATION
NEAR THE UNIVERSITY.



ACCOMMODATION

THE DUSHU LAKE SCIENCE AND EDUCATION INNOVATION DISTRICT

The accommodation facilities are located within the Dushu Lake Science and Education Innovation District and managed privately by the Suzhou Industrial Park Education Development and Investment Limited Company. They also serve students studying at other institutions.

RESERVING ACCOMMODATION

We will assist in booking accommodation with SIPEDI when you have received your unconditional offer and paid your deposit to secure your place at the University.

COST OF LIVING

Suzhou boasts a reasonable cost of living. Accommodation expenses (excluding utilities and internet access) for international students range from RMB 15,500 to 31,000 (approximately USD 2,500 to 5,000) per year, depending on the type of accommodation you choose.

ESTIMATED COSTS	RMB	USD
1 MONTH ELECTRICITY	100-200	16 - 32
1 MONTH WATER	50	8
1 MONTH MOBILE PHONE BILLS	100	16
ONE WAY BUS TICKET IN SUZHOU	1-2	0.3
ONE WAY SUBWAY TICKET IN SUZHOU	2	0.4
TRAIN TICKET TO SHANGHAI	30	4.5
BUS TO PUDONG AIRPORT (SHANGHAI)	88	12.5
TAXI TO PUDONG AIRPORT (SHANGHAI)	350	60
TAXI IN SUZHOU (OLD TOWN/NEW TOWN)	11-50	1.5-7
BOTTLE OF WATER	2	0.4
CAFETERIA LUNCH	15	2
BOTTLE OF BEER (LOCAL)	3	0.5
CUP OF COFFEE	10-30	0.6-4.5
FAST FOOD MEAL	25	4
CINEMA TICKET	20-100	3-16
SWIMMING POOL ACCESS	10-15	1.5-2
NIGHT OUT (CLUB/BAR)	250-500	40-82
HAIRCUT	40-200	6-32



INFO

FOR MORE INFORMATION ABOUT THE ACCOMMODATION NEAR OUR CAMPUS, PLEASE VISIT:
www.xjtlu.edu.cn/en/masters/accommodation



XJTLU

“We aim for graduates of XJTLU to be bilingual and equipped with an international outlook as well as proficient language skills.”

PROFESSOR DAVID GOODMAN
HEAD OF DEPARTMENT
CHINA STUDIES

WHY STUDY A MASTERS PROGRAMME IN CHINA?

CULTURAL AWARENESS

China represents a world of ideas and values built on one of the world’s oldest cultures. At XJTLU you’ll gain a new perspective on your own life and of those around you.

FUN AND FRIENDSHIP

Studying in an international environment is fun! You will have new experiences – people, food, customs and landscapes. You will form friendships with people from China and across the globe that will last a lifetime.

CAREER PROSPECTS AND NETWORKS

You’ll develop an understanding of the world’s second largest economy and the largest consumer market from a global perspective. XJTLU’s strategic location in SUzhou Industrial Park offers access to more than 5,000 Chinese and international companies located here.

CHINESE LANGUAGE

Chinese language study is available free of charge to all international degree students at XJTLU. Study emphasises active student participation and individual initiative, tailored to your specific needs.

POSTGRADUATE 2016



POSTGRADUATE 2016



AWARD-WINNING CHINESE TEACHING STAFF

Sijia Zhou from the XJTLU Chinese Language Teaching Team was awarded first prize in an international course planning competition organised by Experiencing Chinese. More than 80 Chinese language teachers from 12 countries participated.

Sijia's work was praised for both its innovation and practicality and was said to combine appropriate content with logical planning, reasonable time allocation and proper integration of visual aids.

Sijia's work is task-based, involving a considerable amount of teacher-student and student-student interaction as well as integrating awareness of Chinese culture into her teaching.



SUZHOU



SUZHOU HAS A RICH HISTORY. THE 2,500 YEAR-OLD CITY INCLUDES CANALS, STONE BRIDGES, PAGODAS, METICULOUSLY DESIGNED UNESCO WORLD HERITAGE GARDENS, AND THE SUZHOU MUSEUM DESIGNED BY WORLD FAMOUS ARCHITECT I M PEI.



BUS STATION (NORTH)

TIGER HILL

LIFE IN SUZHOU



KEY FACTS

POPULATION	12 MILLION
AREA	8,488KM2
LOCATION	JIANGSU PROVINCE, EASTERN CHINA
CURRENCY	YUAN/RENMINBI (RMB)
GDP	RMB 1 TRILLION
LANGUAGES	MANDARIN, SUZHOU DIALECT
TIME ZONE	GMT +8 HOURS
TEMPERATURE	JAN (1-5°C) JUL (28-35°C)

25

LOCATED JUST 25 MINUTES BY TRAIN FROM SHANGHAI, SUZHOU HAS BEEN NAMED ONE OF CHINA'S MOST LIVABLE CITIES.

BUS STATION
(NORTH)TIGER
HILL**AN ECONOMIC POWERHOUSE**

Suzhou's economy is one of the largest in China, with a GDP of over RMB 1 trillion (approximately USD 195 billion USD). XJTLU is located in the Science and Education Innovation District of Suzhou Industrial Park, 80km from Shanghai and connected by high-speed rail and road links. SIP offers a lower cost of living compared to neighbouring Shanghai.

One-fifth of the Fortune 500 top global companies operate in Suzhou. This creates internship and employment opportunities for XJTLU students.

EXPLORE CHINA AND BEYOND

Suzhou is well connected to other parts of China and the rest of the world and is a great base to explore all of East Asia. Other Chinese cities can be reached via the high-speed intercity railway network. International and national links are provided by Shanghai's two major international airports. Shanghai can be reached in just 25 minutes by train.

GREAT RECREATION AND NIGHTLIFE

Some of Suzhou's main entertainment hubs are located around the scenic Jinji Lake, near the University. The Science and Culture Centre houses a theatre and IMAX cinema, one of a number of cinemas in the city. Suzhou also has many sports centres and international hotels. For nightlife, there are many restaurants, bars and clubs, with the nearby Ligongdi area one of

ENHANCE YOUR CAREER PROSPECTS

**- LEARN CHINESE WHILE STUDYING
AN INTERNATIONALLY RECOGNISED
ENGLISH-TAUGHT UK DEGREE.**

the most popular locations.

SHOPPING TO SUIT EVERY TASTE

There are many international supermarket chains as well as smaller international food stores, local markets and convenience stores. In addition to the traditional shops located in old Suzhou, there are modern international shopping malls and centres such as Times Square, Shin Kong Place, Harmony Plaza, Eslite Bookstore and InCity Mall.



“The past, present and future of this country are an enormous source of inspiration. I come from Italy, a country with a long history, and I am always attracted to places in which modernity is combined with tradition. This is what I like about China, and Suzhou is the city that probably best reflects this.”

ROBERTO DONÀ
PROFESSOR OF PRACTICE
INTERNATIONAL BUSINESS SCHOOL SUZHOU

2,500 YEARS OF HISTORY

Suzhou has a rich history. The city's old canals, stone bridges, pagodas, and meticulously designed UNESCO World Heritage gardens draw millions of domestic and overseas tourists each year. Marco Polo once described Suzhou as the “Venice of the East” and Suzhou's culture is famous across China. Suzhou's historic Pingjiang Road offers tourist shops, coffee shops and art galleries. Other popular cultural attractions include the Suzhou Museum designed by world famous architect I M Pei.

RELIGION

There are a number of places of worship around Suzhou, including those for major Christian denominations, as well as Islamic, Buddhist and Taoist centres.

ESG

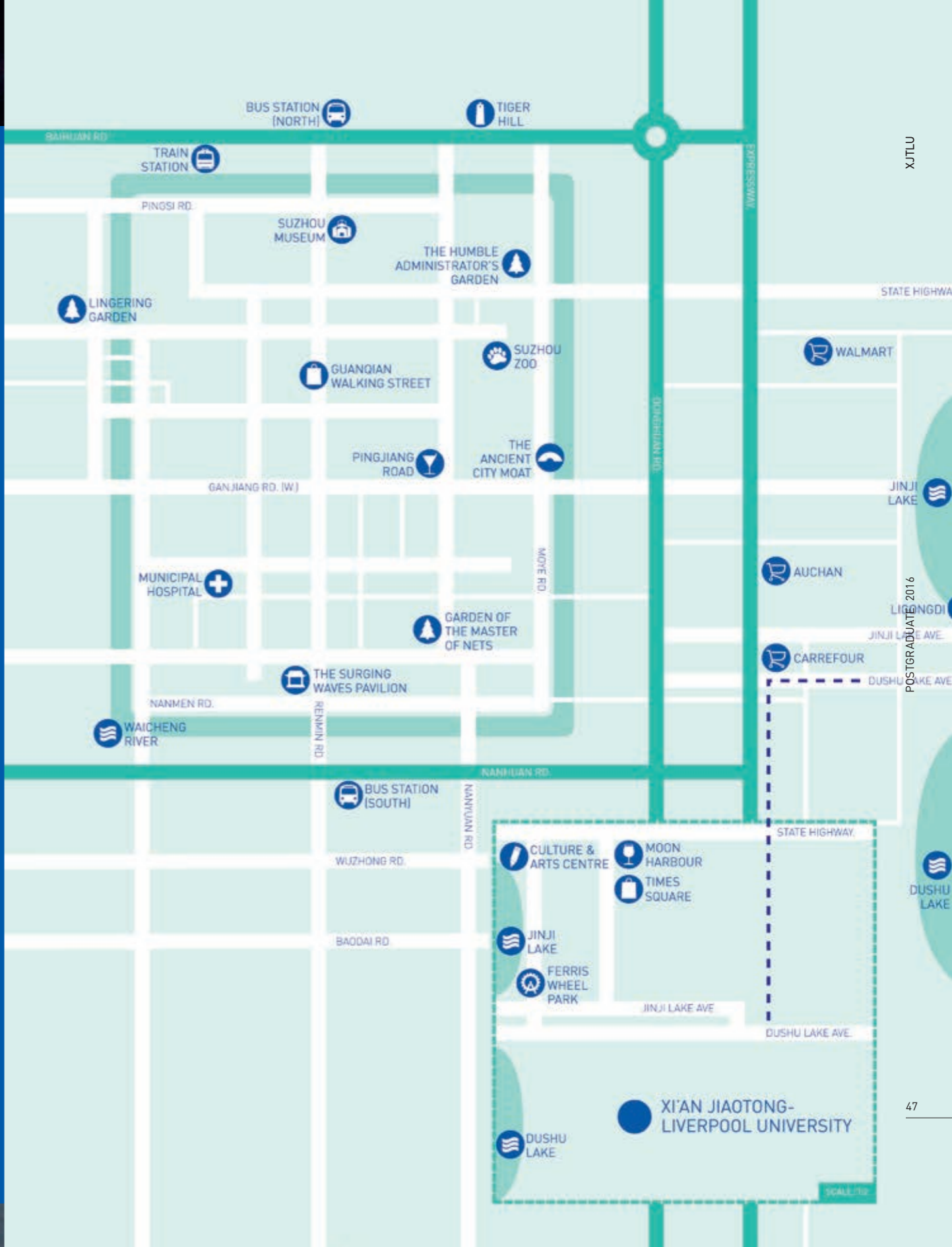
EXPERIENCE ONE OF THE WORLD'S MOST DYNAMIC ECONOMIES – SUZHOU HAS ONE OF THE LARGEST GDPs IN CHINA.

XI'AN JIAOTONG-LIVERPOOL UNIVERSITY

SCALE 1:10

BUS STATION (NORTH)

TIGER HILL



DEGREE PROGRAMMES

“I really am enjoying my time here. My department often invites professors from other universities to give research seminars, or executives from China and overseas to give us lectures about business in the real world. I have lots of opportunity to communicate with professors, which I really appreciate.”

FRANCIS (FAN) ZHANG
STUDENT
MSC FINANCE

DEGREE PROGRAMMES

XJTLU offers University of Liverpool degree programmes across a range of disciplines.

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

Our University of Liverpool-accredited postgraduate programmes are also registered with the Chinese Ministry of Education.

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.

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DEPARTMENT OF ARCHITECTURE

Thanks to its fast-paced modernisation, China is an urban and architectural laboratory, and the Department of Architecture at XJTLU is at the forefront of the country's exciting design revolution. Our students engage with the challenges and contradictions of architecture in China in a courageous and forward-thinking manner, while our department is well-positioned to critically examine the important issues facing architecture today.

Innovation and development come from critical observation, discourse and constructive debate. As academics and architects, we involve ourselves in real debates, challenge common perceptions and question traditions. Our students use our unique location in Suzhou to explore the dynamics of urbanity and investigate city formation in order to understand the past, to engage in the present and to anticipate about the future as we aim to influence the course of architecture and design in China and the world.

RETHINKING ARCHITECTURE

China's complexity means that critical thinking and creative engagement are not just buzzwords at XJTLU: they have real meaning. In Architecture we foster debate, challenge perceptions and ask provocative questions in order to develop architectural solutions for contemporary problems.

With China as our architectural workshop, we investigate new styles, study unexplored urban dynamics and examine city formation. We use the local context as a driver to make the theoretical real, pushing us well beyond the limits of the studio.

RIBA VALIDATION

We have achieved part 1 validation from the Royal Institute of British Architects (RIBA) for our undergraduate programme, and we have started the process of gaining international validation at RIBA part 2 level for our masters programme. We are also seeking professional accreditation from the Ministry of Construction in China; the programme is already registered with and recognised by the Chinese Ministry of Education.

ACADEMIC STAFF

Our academic staff have a highly diverse range of teaching and research experience as well as international cultural, educational and professional backgrounds. Additionally, the department maintains close ties with its partner department, the School of Architecture at the University of Liverpool, with staff on both sides engaged in regular exchanges.

FACILITIES

The facilities include ample studio space and computer labs. Workshop facilities available include woodworking, model-making, laser cutting, 2D and 3D printing, photography and CNC production. There is also a building materials library and an arts and model-making supplies shop.

STUDIO IS CENTRAL

Our design studio is central to our teaching practices which encourage critical enquiry in the form of analysis, reflection and speculation. Learning-by-doing and learning-by-thinking lie at the core of our curriculum with 50 percent of teaching and learning time devoted to architectural studios. Studio teaching is provided in small groups of 10 to 12 students per tutor on the basis of structured briefs. Through individual projects, you are led through the learning experience, which spans from media exploration and space creation in the earlier stages of your studies, to complex architectural expression and proposition at the end of your degree.

KEY EDUCATIONAL FEATURES OF ARCHITECTURE INCLUDE:

- Human-centred development of the built environment
- A culture of intellectual exploration and innovative speculation
- Cross-cultural education that fosters creative, critical, sophisticated and responsible thought
- Creation of desirable places to live, work and enjoy

MArch DESIGN

This two-year programme prepares you for two main purposes: to work as a fully qualified professional architect and to conduct independent research, qualifying you for further PhD-level studies.

This programme is designed to deliver all the learning outcomes as defined by the Royal Institute of British Architects (RIBA) to qualify for 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.

The programme offers an international perspective, while at the same time enabling you to address the demands of rapid modernisation in China. When you graduate from this programme, you will receive an international masters degree from the University of Liverpool.

STUDIO UNITS

Units are formed around the research of the department and the specific needs of the profession within China and across the world. Studio units have the following themes:

- Urban development and regeneration
- Innovation in fabrication and construction
- Computer-aided architectural design
- Architectural theory and criticism
- Social and cultural studies

CORE MODULES

YEAR 1

DESIGN STUDIO I

APPLIED TECHNOLOGY IN ARCHITECTURE

ARCHITECTURAL THEORY AND CRITICISM

ELECTIVES / ADDITIONAL LEARNING ACTIVITIES

DESIGN STUDIO II

ADVANCED PROFESSIONAL PRACTICE

TOPICS IN ARCHITECTURAL HISTORY

SUMMER PRACTICE PLACEMENT (3 MONTHS)

YEAR 2

DESIGN STUDIO III

ARCHITECTURAL DESIGN AND RESEARCH METHODS

PRACTICE BASED ENQUIRY AND ARCHITECTURAL REPRESENTATION

ELECTIVES

DESIGN STUDIO IV

THESIS

ELECTIVES

ADDITIONAL LEARNING ACTIVITY

200 hours per semester of additional learning activity are required to complete your masters degree. See page 14 for information.

CAREERS

Our graduates find excellent opportunities jobs in the building and creative industries, as well as in architecture administration, research and higher education. Our international academic staff offer you individual career advice for entry into many job markets in Asia, Europe, Australia and the Americas.



“Architectural design is one of the most important and far-reaching human activities. It connects practice and theory, requires craftsmanship, artistic abilities and a sound footing in the sciences. Its ultimate aim is to fulfil a demand that has a philosophical as well as political dimension: the demand for the good design of the world we live in.”

Dr CHRISTIAN GÄNSHIRT
PROGRAMME DIRECTOR
MASTER OF ARCHITECTURAL DESIGN



CONTACT

PROGRAMME DIRECTOR
Christian.Gaenshirt@xjtlu.edu.cn

VISIT THE DEPARTMENT OF ARCHITECTURE'S INDEPENDENT ONLINE ARCHITECTURAL MAGAZINE, THE FIRST OF ITS KIND IN CHINA.

www.masterplanningthefuture.org



INFO

FOR MORE INFORMATION AND TO APPLY

www.xjtlu.edu.cn/en/masters/architectural-design

DEPARTMENT OF BIOLOGICAL SCIENCES

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

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

Our department, with its dynamic and highly international staff, aims to make fundamental discoveries as well as to address some of the most pressing challenges facing society.



BIOBAY DRAWS ON A DIVERSE ARRAY OF INTERNATIONAL AND PROFESSIONAL SCIENTIFIC RESEARCH RESOURCES TO PROVIDE A SOPHISTICATED INFRASTRUCTURE FOR BIOSCIENCE RESEARCH AND DEVELOPMENT; IT HAS OVER 400 BIOTECH COMPANIES.

ACADEMIC STAFF

Our fast-growing, diverse body of academic staff have joined us from around the world and are highly research-active, having trained in prestigious universities including the Universities of Cambridge, Oxford, Edinburgh, UCL, California, Harvard, MIT, and Stanford, among other high-calibre institutions. Research interests are in the general area of the molecular biosciences, more specifically covering bioinformatics, cell signalling, disease mechanisms of neurodegenerative disorders, microbiology, molecular pharmacology, protein engineering and structural biology, proteomics, sensory system adaptation, stem cells, systems biology and virology.

CUSTOM-DESIGNED LABS

Our department's custom-designed laboratories are extremely well-equipped for research as we have invested more than RMB 30 million in state-of-the-art instrumentation including:

- real-time PCR instruments
- LTQ-Orbitrap and triple quadrupole mass spectrometers
- Affymetrix microarray and DNA pyrosequencing systems
- bioanalysers, fluorescence-activated cell sorters and confocal microscopes
- a range of centrifuges and ultracentrifuges, PHERAstar microplate reader and an Odyssey infrared imaging system.

These facilities allow our researchers to undertake internationally competitive work while also training undergraduate and postgraduate students in advanced techniques.

CHINA'S BASE FOR BIOMEDICAL RESEARCH AND DEVELOPMENT

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

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

MRes MOLECULAR BIOSCIENCE

This programme provides a thorough understanding of key approaches for studying biological processes at the molecular level. It takes advantage of XJTLU's advanced English-language environment, distinctive international features, and state-of-the-art research facilities. It covers biotechnology-related topics such as molecular biology, protein biochemistry and drug discovery, as well as post-genomic biology (genomics, transcriptomics, proteomics and bioimaging), and bioinformatics (the acquisition and statistical analysis of large-scale biodata).

The programme also places a major emphasis on providing project management skills. After completing taught modules you will work on an in-depth research project and a specialised dissertation. Customised individual learning plans are designed for you in keeping with your backgrounds and career aspirations. Successful completion of the programme leads to the award of an MRes degree from the University of Liverpool.

Our department has internationally respected investigators in the field of molecular bioscience research and excellent teaching and laboratory infrastructure. You will have the opportunity to carry out world-class research in a dynamic, transnational environment.

BENEFITS

- Taught by international academic staff who are experts in molecular bioscience
- Provides a range of critical interdisciplinary research skills
- Offers an internationally recognised qualification from a globally respected university
- Excellent preparation for PhD programmes in high quality international and Chinese universities
- Helps you develop key workplace skills such as data analysis, report writing, team-building and networking and project management
- Relates to careers in a wide range of bioindustries including biotechnology, bioengineering, bioagriculture, biomanufacturing and pharmaceuticals
- Close to many biotechnology companies in BioBay and the prestigious Cold Spring Harbour Asia Centre.

CORE MODULES

RESEARCH METHODS I
BIOTECHNOLOGY

RESEARCH METHODS II
POST-GENOMIC BIOLOGY

RESEARCH METHODS III
BIOINFORMATICS

PROJECT MANAGEMENT

RESEARCH PROJECT

ADDITIONAL LEARNING ACTIVITY

200 hours per semester of additional learning activity are required to complete your masters degree. See page 14 for information.

CAREERS

The programme prepares graduates for advanced research in both international and Chinese university settings, as well as in the bioindustrial sector such as biotechnology and pharmaceutical companies.

CONTACT

PROGRAMME DIRECTOR
Tatsuhiko.Kadowaki@xjtlu.edu.cn



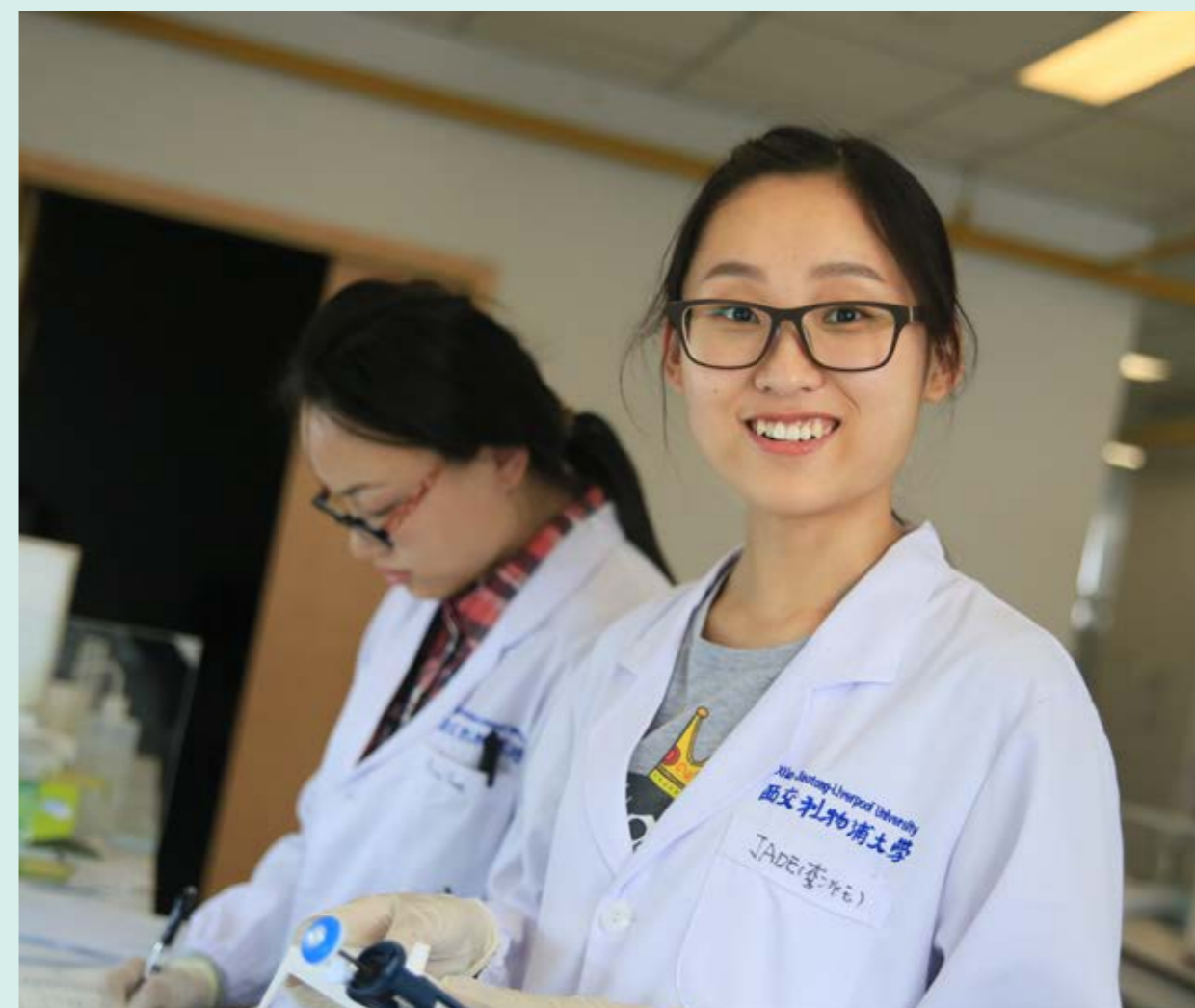
INFO

FOR MORE INFORMATION
AND TO APPLY
[www.xjtlu.edu.cn/en/masters/
molecular-bioscience](http://www.xjtlu.edu.cn/en/masters/molecular-bioscience)

“Biological science is like a magic box full of amazing secrets to be discovered. Successful study takes determination, top facilities and support from quality academic staff. It’s fascinating to learn advanced technologies and gain knowledge from international staff and researchers. This experience is the perfect step for my future career in this field.”

BINGYU LI
STUDENT

MRes MOLECULAR BIOSCIENCE



DEPARTMENT OF CHEMISTRY

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

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

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



INDUSTRY AND RESEARCH INSTITUTE CONNECTIONS

Sengen Medical (Suzhou) Co., Ltd: An biopharm company situated in BioBay in Suzhou Industrial Park. We have strong collaborations in the area of drug research and development with Sengen providing our students with numerous internship opportunities.

Suzhou Institute of Nano-tech and Nano-bionics (SINANO): Our department's close working relationship with SINANO supports research collaborations and student training. Many XJTLU students earn research internships or conduct their final year projects there, co-supervised by staff from both institutions.

Thermo Fisher Scientific: We are strongly linked with this company, one of the world's largest chemical manufacturers and suppliers and are developing summer internship opportunities.

STRATEGIC RESEARCH

Our research aligns with the University's strategic areas of development in advanced materials, energy and environmental research and nanotechnology. These have critical applications in catalysis, energy storage, development of synthetic materials with specific activities and environmental research.

STATE-OF-THE-ART LABS

Over RMB 30 million has been invested in state-of-the-art equipment including:

- nuclear magnetic resonance spectrometer
- MALDI-ToF and micro-ToF LCMS spectrometers
- single crystal X-ray diffractometers
- powder X-ray diffractometer
- UV-VIS, IR, Raman and fluorescence spectrometers
- electron scanning microscopes
- atomic force microscopes
- peptide synthesisers
- gas chromatography-mass spectrometry
- atomic force microscopes
- high performance liquid chromatography systems.

MRes ADVANCED CHEMICAL SCIENCES

This programme provides students with the education and training needed to understand different aspects of the field of material sciences. It aligns with similar MSc programmes at the University of Liverpool.

The programme contains taught modules covering areas from synthetic chemistry to nanotechnology to analytical methods and instrumentation. It places strong emphasis on the development of project management and professional skills. After completing the taught modules, you will engage in a 12-month extensive research project of your choice that leads to submission of a dissertation.

A customised learning plan is designed for you, taking into account your background and career aspirations. Successful completion of the programme leads to the award of an MRes degree from the University of Liverpool.

BENEFITS

- Taught by international staff who are experts in various fields of chemistry
- Provides a range of critical interdisciplinary research skills
- Offers strong theoretical background, practical instrumentation skills and an intensive research project
- Excellent preparation for PhD programmes abroad and in Chinese universities
- Develops key, career-enhancing personal and employability skills such as time management, report writing, team-building and networking and project management
- Offers strong links to local and international industries
- Attractively located with many biotechnology companies nearby in BioBay and the Cold Spring Harbour Asia Centre.

CORE MODULES

SYNTHETIC CHEMISTRY AND
NATURAL PRODUCTS

PEPTIDE/PROTEIN CHEMISTRY

NANOTECHNOLOGY

ANALYTICAL METHODS AND
INSTRUMENTATIONS

PROJECT MANAGEMENT

ADDITIONAL LEARNING ACTIVITY

200 hours per semester of additional learning activity are required to complete your masters degree. See page 14 for information.

CAREERS

Successful graduates can establish careers in a wide range of industries, including:

- Chemical and material science
- Pharmaceuticals
- Biotechnology
- Food and beverages (quality assurance and new formulation)
- Analytical laboratories.



“XJTLU’s high quality laboratories and equipment, combined with the expert academic staff have allowed me to conduct exciting research projects.”

AHMAD IMTIAZ
RESEARCH STUDENT
DEPARTMENT OF CHEMISTRY

CONTACT

PROGRAMME DIRECTOR
Yi.Li@xjtlu.edu.cn



INFO

FOR MORE INFORMATION
AND TO APPLY

[www.xjtlu.edu.cn/en/masters/
advanced-chemical-sciences](http://www.xjtlu.edu.cn/en/masters/advanced-chemical-sciences)

DEPARTMENT OF CIVIL ENGINEERING

Our programmes are designed to produce engineers with sound knowledge, problem-solving skills and a comprehensive understanding of the multidisciplinary aspects of building design which combine the precision of civil, structural and building services engineering principles as well as the creativity of architecture.

As China is witnessing rapid economic transformation alongside unprecedented urbanisation, civil engineering students will be able to take full advantage of China's evolution. Our department educates technical professionals with an international outlook who can meet the industrial development requirements of the next century. You will be immersed in both the theory and practice of design and construction. Professors, lecturers and industry professionals from the department provide you with a well-rounded education and in-depth learning of the multidisciplinary interdependence and complexity involved with architectural engineering from the design phase to construction.



THE DEPARTMENT IS ALSO EQUIPPED WITH A STATE-OF-THE-ART ENVIRONMENTAL LAB INCLUDING ELEMENTAL ANALYSIS, GAS CHROMATOGRAPHY/MASS SPECTROMETRY, THERMOGRAVIMETRIC ANALYSIS, PARTICLE SIZE ANALYSIS, BET SPECIFIC AREA AND FIBRE EXTRACTION UNITS.

DIVERSE RESEARCH

Our research is diverse covering modern engineering construction and energy production methods. We particularly encourage active learning in the delivery of our programmes.

Our research covers:

- material and structural behaviour of fibre-reinforced cementitious composites
- usage of GGBS (ground-granulated blast-furnace slag) as a cement replacement in concrete
- construction with timber
- strengthening and rehabilitation of statically deficient structures
- advanced structural modelling
- sustainable infrastructure, building information modelling (BIM) and construction simulation
- groundwater contamination and biochemical decomposition of biomass
- renewable energy and biofuels
- modelling of nanostructured materials for energy applications.

Your final thesis topic may reflect the department's research interests. You will have the opportunity to continue projects in the form of a PhD.

FACILITIES

We have world-class laboratory teaching facilities. These include an extensive structures laboratory, structural testing frames for a range of scales, an earthquake shaking table laboratory facility, a geotechnics centrifuge laboratory facility, hydraulics laboratories for water and air flow and extensive soil mechanics laboratory facilities. We also have three universal testing machines, a range of concrete mixing facilities, comprehensive highway materials laboratories, a timber processing lab, wastewater treatment benches, advanced structural simulation software (ANSYS), and building information modelling software (Autodesk Revit).

The department is also equipped with a state-of-the-art chemical analysis lab including elemental analysis, gas chromatography/mass spectrometry, thermogravimetric analysis, particle size analysis, BET specific area and fibre extraction units.

INDUSTRIAL LINKS

We have links with a number of enterprises such as the Shanghai Construction Group, as well as international companies such as ARUP UK. The possibility of summer internships for students, which could lead to future employment, is greatly enhanced because of these relationships.

MSc CIVIL ENGINEERING

China has invested heavily in infrastructure development. There are a large number of active construction projects within the local environment of the University, making XJTLU an ideal location for an engineer in training. XJTLU's MSc programmes attract students from across the world, generating an international feel within a Chinese context. This combination provides you with an excellent cross-cultural experience.

Civil engineering encompasses all of the key elements of engineering design of the built environment. As such, this programme provides you with broad, advance level training in the application of the civil engineering principles of structural, environmental and geotechnical engineering, fluid mechanics and advanced materials. The programme introduces you to modelling approaches that allow the effective and sustainable design of structures and systems within the built environment. In addition, it provides you with design perspectives that allow you to extend your knowledge from fundamental principles to the appreciation of the influence of using sustainable materials.

**PART-TIME STUDY OPTION
ALSO AVAILABLE**

CONTACT
PROGRAMME DIRECTOR
Stephen.Wilkinson@xjtlu.edu.cn



INFO
FOR MORE INFORMATION
AND TO APPLY
www.xjtlu.edu.cn/en/masters/civil-engineering

This full-time, 18-month programme comprises two semesters of taught modules, assessed by coursework and examination, followed by a research dissertation during your third semester. The programme is also offered on a part-time 36-month basis for potential students currently working in industry. All the modules are delivered in English by international academic staff who specialise in sustainability and civil engineering.

CORE MODULES

SUSTAINABLE TECHNOLOGY AND BUILDING MATERIALS

SUSTAINABLE DRAINAGE SYSTEMS

CRITICAL STATE SOIL MECHANICS

ADVANCED CONSTRUCTION MANAGEMENT

ADVANCED SIMULATION OF SUSTAINABLE STRUCTURAL SYSTEMS

SUSTAINABLE ENGINEERING WITH TIMBER

ENVIRONMENTAL ENGINEERING AND MANAGEMENT PRACTICE

ADVANCED STRUCTURAL DESIGN

DISSERTATION

ADDITIONAL LEARNING ACTIVITY

200 hours per semester of additional learning activity are required to complete your masters degree. See page 14 for information.

CAREERS

The programme provides you with sufficient training to obtain employment across the industry. With the global growth of civil engineering, encompassing design, construction and continual maintenance of the built environment, students should find themselves able to take up roles within this important industry.

With the strong global investment in construction and infrastructure driven by increasing urbanisation, civil engineering is a key field of growth. Civil engineering as a discipline is taking into account current trends such as CO₂ reduction, utilisation of new materials and the application of modern computer modelling and simulation-based techniques. Designs and design methods have become more efficient and more sustainable with civil engineers driving these innovations.



MSc SUSTAINABLE CONSTRUCTION

The rapidly developing world and evolution of urban development have caused a massive surge in environmental pollution, energy consumption and carbon dioxide emissions. Civil engineers should take a leadership role to promote sustainable development by providing creative and innovative solutions to the challenges associated with sustainability in civil engineering practices.

This programme provides students with technologically advanced knowledge, problem-solving skills and a comprehensive understanding of the key aspects of sustainability in civil engineering construction. It has a particular emphasis on the future trends of global sustainable development. It is intended to provide critical awareness of current and future problems 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.

PART-TIME STUDY OPTION ALSO AVAILABLE

CONTACT

PROGRAMME DIRECTOR
Konstantinos.Papadakis@xjtlu.edu.cn



INFO

FOR MORE INFORMATION
AND TO APPLY
www.xjtlu.edu.cn/en/masters/sustainable-construction

This full-time 18-month programme comprises two semesters of taught modules, assessed by coursework and examination, followed by a research dissertation during your third semester. The programme is also offered on a part-time, 36-month basis for potential students currently working in industry. All the modules are delivered by international academic staff who specialise in sustainability and sustainable construction.

CORE MODULES

SUSTAINABLE TECHNOLOGY AND BUILDING MATERIALS

SUSTAINABLE DRAINAGE SYSTEMS

SUSTAINABLE ENERGY AND ENVIRONMENT

INTEGRATION OF ENERGY STRATEGIES IN THE DESIGN OF BUILDINGS

ADVANCED SIMULATION OF SUSTAINABLE STRUCTURAL SYSTEMS

SUSTAINABLE ENGINEERING WITH TIMBER

ENVIRONMENTAL ENGINEERING AND MANAGEMENT PRACTICE

SUSTAINABLE URBAN PLANNING STRATEGIES

DISSERTATION

SUSTAINABLE SOLUTIONS FOR CONSTRUCTION

Civil engineering plays a dominant role in providing sustainable solutions to the construction industry. This programme focusses on all of the technologies, techniques and methods that will enable future civil engineers to incorporate an environmentally viable approach to the design of future infrastructure. These designs will be based on renewable energies, recycling of waste construction materials and industrial byproducts, smart systems for the efficient drainage and utilisation of surface water run-offs, natural wastewater treatment methods as well as modern digital representation techniques and structural models.

ADDITIONAL LEARNING ACTIVITY

200 hours per semester of additional learning activity are required to complete your masters degree. See page 14 for information.

CAREERS

Graduates of this programme will be equipped to take up professional employment in the civil engineering industry and become lifelong learners with an appreciation of the value to society of an education in sustainable construction. On the basis of accreditation by the Joint Board of Moderators, the MSc programme may be used as the final element of the educational base for being a Chartered Engineer.



Dr THEOFANIS KREVAIKAS

EXPERT IN STRENGTHENING AND REHABILITATION OF STATICALLY DEFICIENT EXISTING STRUCTURES

Dr Krevaiikas has been in charge of several projects involving the strengthening and rehabilitation of existing structures. In the past he has worked as a scientific expert with the Greek Ministry of Culture on projects involving the conservation and static upgrading of heritage buildings. Recent work includes experimental investigation of the behaviour of masonry structures strengthened with textile reinforced mortars (TRMs).

DEPARTMENT OF COMPUTER SCIENCE AND SOFTWARE ENGINEERING

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

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

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



RESEARCH

Our research aims to develop leading-edge solutions to real-world problems by investigating rigorous theory and applied approaches. Our staff members are highly recognised for their world-quality research.

Staff have a large number of research publications in top international journals including those sponsored by the Institute of Electrical and Electronics Engineers and the Association for Computing Machinery. Additionally, many of our staff members are editors and reviewers for a wide range of academic journals and conferences. The department has a record of successfully attracting funding from various local, provincial, national, and international sources such as the European Union and the National Natural Science Foundation of China, and we collaborate on projects in China as well as across Asia, Europe and North America.

Your final postgraduate thesis topic may reflect the department's research interests and you will have the opportunity to continue projects in to PhD level.

OUR CURRENT EXPERTISE INCLUDES ARTIFICIAL INTELLIGENCE, CYBER PHYSICAL SYSTEMS, BIG DATA ANALYTICS, SOCIAL COMPUTING, ENTERPRISE COMPUTING, FINANCIAL COMPUTING, ENERGY HARVESTING, HUMAN-COMPUTER INTERACTION, IMAGE PROCESSING AND COMPUTER VISION, NETWORKING, OPERATING SYSTEMS AND ROBOTICS.

INDUSTRIAL LINKS

Along with research, we are active in business engagement and have worked with industry on practical projects, contributing to the community and bringing hands-on experience to our staff and students. We are located in Suzhou Industrial Park, where a large number of the Fortune top 500 companies have their branches, research and development centres or production facilities. As the only academic department at XJTLU working on computer science, software engineering, new media and web applications, we work with industrial organisations in a variety of ways from curriculum development and specialist training to student placements and special projects. We have established links with a number of companies in SIP including Microsoft, Oracle, Cisco, Lego and NCS.

We engage students in research and industry-related work and, under the supervision of staff, our students have published their research outcomes.

UNIQUE EDUCATION EXPERIENCE

Computer science and software engineering requires creativity, insight and problem-solving skills. Study in this field provides routes into a variety of careers and, by studying with us, you will receive a unique education experience and benefit from:

- teaching by international academic staff who are highly skilled subject experts
- well-designed curriculum adopted from the University of Liverpool, which is updated regularly to reflect the latest developments and evolving needs of employers
- a range of learning activities which help to develop strong problem-solving skills and derive innovative solutions
- opportunities and encouragement to carry out real-life work and research with prestigious companies in Suzhou, Shanghai and Wuxi, and in turn, to gain inspiration, creativity, hands-on experience and enhanced employability
- modern specialist lab facilities for operating systems, networking, mobile computing and multimedia technology.

MSc APPLIED INFORMATICS

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

STUDYING THIS PROGRAMME WILL EQUIP YOU WITH:

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

You will choose five required modules, a dissertation project and three optional modules from areas such as financial mathematics, telecommunications, interactive systems, social computing or information security.

CORE MODULES

DATA MINING AND BIG DATA ANALYTICS

OBJECT-ORIENTED PROGRAMMING

PROJECT MANAGEMENT

RESEARCH METHODS

SOFTWARE ARCHITECTURES

DISSERTATION PROJECT

ELECTIVE MODULES

COMPUTATIONAL METHODS IN FINANCE

COMPUTER SYSTEMS SECURITY

IMAGE AND VIDEO PROCESSING

INTERACTIVE SYSTEMS

MOBILE COMMUNICATIONS

SOCIAL NETWORK ANALYSIS

SOCIAL WEB PROGRAMMING

ADDITIONAL LEARNING ACTIVITY

200 hours per semester of additional learning activity are required to complete your masters degree. See page 14 for information.

CAREERS

Graduates from this programme will find employment in the IT sector as systems analysts and managers, software engineers, application architects and developers or project leaders. Some students choose to continue as a PhD candidate.

CONTACT

PROGRAMME DIRECTOR
Emmanuel.Tadjouddine@xjtlu.edu.cn



INFO

FOR MORE INFORMATION
AND TO APPLY
www.xjtlu.edu.cn/en/masters/applied-informatics



PROFESSOR YONG YUE

HEAD OF DEPARTMENT
COMPUTER SCIENCE AND SOFTWARE ENGINEERING

Professor Yue has worked for over 30 years in both industry and academia. His research interests include computer graphics, CAD/CAM, robotics, operations research and optimisations. He has led a considerable number of research and professional projects supported by major funding bodies and industry, with collaborative links in more than 10 countries. He has over 160 peer-reviewed international publications and has supervised 10 PhD students to completion. He is currently Associate Editor for the International Journal of Computer Applications in Technology and the International Journal of Distributed Systems and Technologies.

“The fast pace of China’s development is fuelled by its technological advancements, and I decided that joining XJTLU will position me at the helm of cutting-edge and innovative technology. I studied computer science and technology at undergraduate level and I have not been disappointed by XJTLU ‘s unique mix of western and eastern educational and cultural styles.”

DAVID AFOLABI
RESEARCH STUDENT
DEPARTMENT OF CSSE



MRes COMPUTER SCIENCE

This programme is designed to develop your understanding of the research process. It is for graduates from a computer-related discipline who wish to investigate research as a possible career, or who wish to extend their knowledge of one particular facet of computing. This programme provides you with an MSc that allows you to focus on your desired specialism, whilst our international staff provide all necessary support.

This programme will equip you with comprehensive knowledge and understanding of:

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

You will complete four taught modules in the first semester, followed by a research project for a total duration of 18 months. The precise content of your research project will be discussed and decided with your project supervisor and is subject to approval.

CORE MODULES

RESEARCH METHODS
PROJECT MANAGEMENT
DISSERTATION PROJECT

ELECTIVE MODULES

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

ADDITIONAL LEARNING ACTIVITY

200 hours per semester of additional learning activity are required to complete your masters degree. See page 14 for information.

CAREERS

Graduates from this programme will find employment as research and development engineers, systems developers and project leaders in IT companies, or will go on to further studies as a PhD candidate at XJTLU or at another renowned university.

CONTACT

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INFO

FOR MORE INFORMATION
AND TO APPLY
www.xjtlu.edu.cn/en/masters/computer-science

MSc SOCIAL COMPUTING

The internet revolution has generated a social interactive environment that creates new business opportunities for enterprises. Many international software-development enterprises such as IBM, HP, Microsoft, Google and SAS have their own social computing/media development teams. Other IT enterprises, such as Apple, Oracle, CISCO and Nokia own products with social computing functions. Similarly, many national and international companies successfully turn significant profits through social network sites such as Facebook, LinkedIn, Yahoo, Twitter, Google, Myspace, Amazon, Sina Weibo, TaoBao, RenRen and QQ.

CONTACT

PROGRAMME DIRECTOR
Kevin.Yuen@xjtlu.edu.cn



INFO

FOR MORE INFORMATION
AND TO APPLY
[www.xjtlu.edu.cn/en/masters/
social-computing](http://www.xjtlu.edu.cn/en/masters/social-computing)

This programme addresses market demand by providing you with training for understanding, managing, developing, implementing and commercialising interactive social media on the internet. It will train you for advanced technical or managerial roles in new interdisciplinary areas of social informatics and internet computing. You will gain:

- theoretical and practical knowledge of key areas of social business and social computing in both industry and research
- key tools enabling you to enhance and 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.

You will complete eight in the first two semesters and a dissertation project in the third semester for a total duration of 18 months. The precise content of your dissertation project will be discussed and decided with your project supervisor and is subject to approval. The department is equipped with specialist lab facilities for operating systems, networking, mobile computing and multimedia technology that will support your learning and research.

CORE MODULES

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

ELECTIVE MODULES

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

ADDITIONAL LEARNING ACTIVITY

200 hours per semester of additional learning activity are required to complete your masters degree. See page 14 for information.

CAREERS

Graduates from this programme could find employment as research and development engineers, systems developers and project leaders in IT companies. Some students choose to go on to further study as a PhD candidate at XJTLU or at other renowned universities.



MSc FINANCIAL COMPUTING



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 technological talent to deliver business solutions on a global scale.

This programme addresses market demand and will train you for advanced technical or managerial roles in new interdisciplinary areas of computational techniques and equip you with financial knowledge to deliver effective business solutions. You will gain:

- theoretical and practical knowledge of key areas of finance and computing in both industry and research
- knowledge 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.

You will undertake eight modules in the first two semesters and a dissertation project in the third semester for a total duration of 18 months. You will choose these modules based on the subject area of your first degree, such as computing, finance or other fields. The precise content of your dissertation project will be discussed and decided with your project supervisor and is subject to approval. The department is equipped with specialist lab facilities for operating systems, networking, mobile computing and multimedia technology that will support your learning and research.

CONTACT

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Kevin.Yuen@xjtlu.edu.cn



INFO

FOR MORE INFORMATION
AND TO APPLY
[www.xjtlu.edu.cn/en/masters/
financial-computing](http://www.xjtlu.edu.cn/en/masters/financial-computing)

CORE MODULES

RESEARCH METHODS

DATA MINING AND BIG DATA ANALYTICS / DATABASES AND DATA MANAGEMENT / DATA MINING AND MACHINE LEARNING

ACCOUNTING AND FINANCIAL MANAGEMENT / FINANCIAL ANALYSIS

DISSERTATION

ELECTIVE MODULES

ARTIFICIAL INTELLIGENCE

CLOUD COMPUTING

COMPUTER SYSTEMS SECURITY

INTERACTIVE SYSTEMS

OBJECT-ORIENTED PROGRAMMING

SOFTWARE ARCHITECTURE

ALTERNATIVE INVESTMENTS AND STRATEGIES

FIXED INCOME AND DERIVATIVE INVESTMENTS

PORTFOLIO MANAGEMENT

ADDITIONAL LEARNING ACTIVITY

200 hours per semester of additional learning activity are required to complete your masters degree. See page 14 for information.

CAREERS

Graduates from this programme can find employment as software engineers, database specialists, infrastructure managers, financial analysts, financial consultants, business analysts, system analysts, investment analysts, e-finance architects, credit managers, portfolio managers, business intelligence executives, wealth services officers, and risk management auditors amongst others.

DEPARTMENT OF ELECTRICAL AND ELECTRONIC ENGINEERING

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

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



LEARNING AND TEACHING

The teaching of the programmes focusses on applying theory to practice in order to enhance your practical experiences, abilities and skills.

You will have the chance to develop a range of subject-related tools and techniques, especially computer-assisted design technology and measurement skills. The delivery of the modules focusses on the development of your ability to choose tools appropriate to each individual project.

STATE-OF-THE-ART-LABS

We have established an electronic laboratory, electric machine laboratory, ARM Laboratory, altera laboratory and tanner tools laboratory, which are all well-appointed with state-of-the-art equipment. We are also setting-up new lab facilities such as:

- a high-frequency engineering laboratory, equipped with state-of-the-art hardware and measurement facilities including a 6 x 4 x 3m pyramidal-cone anechoic chamber, vector network analysers and LPKF ProtoMat printed circuit board fabrication equipment
- a power electronic laboratory
- a sustainable energy laboratory
- a telecommunication laboratory.

In addition, RMB 15 million has been invested in equipment in the microelectronics and photonics laboratories, including a zoom2 class 1K room and a class 10K room.

MSc MULTIMEDIA TELECOMMUNICATIONS

Multimedia and wireless communications is a rapidly growing area in the booming communications industry. New standards such as 3G and 4G for mobile networking enable applications including triple services for mobile networks, digital television, video streaming, interactive gaming, navigation services, and emergency and healthcare applications. It is technologically challenging to deliver these multimedia applications and services efficiently over emerging and diverse wireless networks. To meet this challenge, engineers need to have a deep understanding of wireless and multimedia technologies.

This programme aims to provide you with an understanding of the technical characteristics of wireless systems and multimedia technologies. It will cover advanced topics in wireless communications for voice, data and multimedia.

YOU WILL BENEFIT FROM:

- a degree from a globally respected university
- excellent research facilities with advanced experimental equipment
- knowledge of cutting-edge technologies needed in the job market
- abundant opportunities to get involved in various national or industry-funded projects.

CORE MODULES

ADVANCED SIGNAL PROCESSING

IMAGE AND VIDEO PROCESSING

DATA COMMUNICATION AND
COMMUNICATION NETWORKS

MOBILE COMMUNICATIONS

MULTIMEDIA COMMUNICATIONS

CODING AND CRYPTOGRAPHY

PROJECT MANAGEMENT

DISSERTATION

ELECTIVE MODULES

RENEWABLE KINETIC ENERGY
TECHNOLOGIES

POWER ELECTRONICS AND
APPLICATIONS FOR RENEWABLE
ENERGY

ADDITIONAL LEARNING ACTIVITY

200 hours per semester of additional learning activity are required to complete your masters degree. See page 14 for information.

CAREERS

Graduates of this programme will have skills that are in-demand in the job market with abundant research and application opportunities. You will have the necessary skills to enter careers in some of the most dynamic fields in image and video communications, and will typically be employed as multimedia system engineers, multimedia system and information technology consultants, mobile projects managers, wireless and mobile communication consultants, and managers and team leaders in the communications industry.



Dr KAIZHU HUANG
PROGRAMME DIRECTOR
MSc MULTIMEDIA TELECOMMUNICATIONS

Prior to becoming an associate professor at XJTLU, Dr Huang was an associate professor at the National Laboratory of Pattern Recognition, the Institute of Automation, and the Chinese Academy of Sciences. He received his PhD degree from the Chinese University of Hong Kong, where he became a research fellow. He has also worked as a research scientist in the Fujitsu R&D Centre and as a researcher at the University of Bristol.

CONTACT

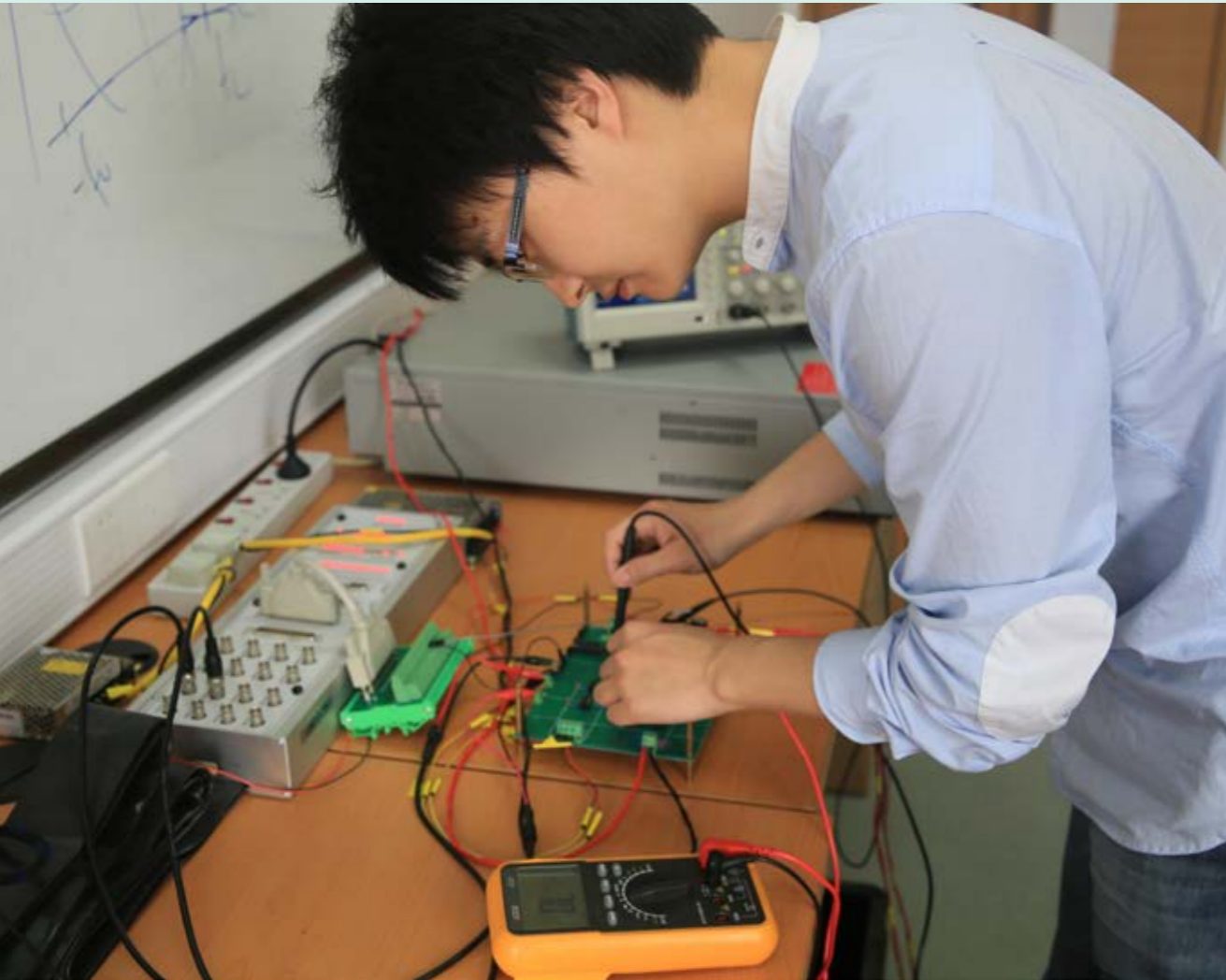
PROGRAMME DIRECTOR
kaizhu.huang@xjtlu.edu.cn



INFO

FOR MORE INFORMATION
AND TO APPLY

[www.xjtlu.edu.cn/en/masters/
multimedia-telecommunications](http://www.xjtlu.edu.cn/en/masters/multimedia-telecommunications)



MSc SUSTAINABLE ENERGY TECHNOLOGY

This programme provides state-of-the-art education in the fields of sustainable energy generation, distribution and consumption. It is intended to respond to a growing skills shortage of engineers with a high level of training in renewable energy, smart grids and sustainability.

By the time you graduate, you will have 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. Research on sustainable energy technology has opened up many job opportunities in industry, government institutions and research centres.

CONTACT

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Huiqing.Wen@xjtlu.edu.cn



INFO

FOR MORE INFORMATION
AND TO APPLY
www.xjtlu.edu.cn/en/masters/sustainable-energy-technology

YOU WILL BENEFIT FROM:

- studying at an international university recognised throughout the world
- close cooperation with world-famous universities and research centres to solve major technical challenges including energy crises and environmental pollution
- excellent research opportunities, using advanced experimental equipment including a network analyser, power analyser, Dspace controller, wind turbine and PV testing system
- continuous development of core modules to meet the requirements of industrial innovation
- cutting-edge research in the intelligent and efficient utilisation of solar, wind energy and other renewable energy sources.

LAB FACILITIES INCLUDE:

- a power electronics laboratory equipped with advanced experimental equipment
- a sustainable energy laboratory equipped with advanced experimental equipment including a 600W wind turbine, two 270W solar modules, batteries, an inverter with sinusoidal output and main controller
- an electric machine and power system laboratory.

CORE MODULES

SUSTAINABLE ENERGY AND THE ENVIRONMENT

NUCLEAR ENERGY TECHNOLOGY

POWER SYSTEM NETWORKS AND SMART GRIDS

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

DISSERTATION

ADDITIONAL LEARNING ACTIVITY

200 hours per semester of additional learning activity are required to complete your masters degree. See page 14 for information.

CAREERS

Graduates of this programme will typically work on professional tasks including the implementation of sustainable energy technologies within existing or new systems, and modelling and evaluation of the impact on ecosystems, economics and society. Graduates may be employed as electric power system engineers, electric power system consultants, sustainable technology consultants, electric power projects managers, sustainable cities and building design consultants, managers and team leaders in government.



“Studying for an MSc in Sustainable Energy at XJTLU has been a life changing experience for me. My way of thinking about renewable energy usage has been enhanced, allowing me to understand the major challenge we are facing to live in a sustainable environment. I cannot imagine the world maintaining its reliance on traditional sources of energy and we learned how to provide more innovative eco-friendly solutions to the global energy demand. This programme will certainly be an asset for my future career.”

HENGYANG LOU
STUDENT
MSc SUSTAINABLE ENERGY TECHNOLOGY

A close-up photograph of a woman with dark hair and glasses, wearing a light blue jacket, operating a professional Sony video camera. The camera is black and has a large lens with a green tint. A microphone is attached to the top of the camera. The woman is looking through the viewfinder. The background is blurred, showing other people in a classroom or studio setting.

DEPARTMENT OF ENGLISH, CULTURE AND COMMUNICATION

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

LIFELONG LEARNING

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

RESEARCH

We are dedicated to maintaining the highest standards of research and publication, believing that original research drives high-quality teaching. Academic staff undertake research in the areas of applied linguistics, second language acquisition, English literature, communication and media, and cultural studies. A number of staff members have achieved top ratings for their research in surveys such as the UK Higher Education Research Assessment Exercise. Research conducted by our staff has attracted funding from organisations ranging from the Carnegie Trust and the Leverhulme Trust, to the United Kingdom's Arts and Humanities Research Council, and the Chinese Ministry of Education's National Education Science Scheme Foundation.

MSc MEDIA AND COMMUNICATION

This programme aims to provide you with the opportunity to develop a deep understanding of the field of media and communication at theoretical and practical levels. The programme is intended for graduates from the fields of media and communication, the social sciences, advertising and public relations, for individuals already working in the media and trying to gain a more profound understanding of their field, and for others who want to develop and extend the range of their theoretical and professional media skills. It is also a stepping stone for any individual wanting to pursue a PhD in the media and communication field.

You will graduate with a critical and theoretical knowledge of the contexts of communication studies in combination with the opportunity to develop practical skills in digital media production. Combined with the strong English language skills that studying at XJTLU gives, this produces graduates who will be very attractive to Chinese and international companies in an increasingly globalised workplace.

CONTACT
PROGRAMME DIRECTOR
Holger.Briel@xjtlu.edu.cn



INFO
FOR MORE INFORMATION
AND TO APPLY
www.xjtlu.edu.cn/en/masters/media-and-communication

This programme will:

- give you an advanced critical understanding of key issues, concepts and theories and the relationship between theory and practice in the fields of media and communication
- instil a sound knowledge and understanding of media language and its iterations on different media platforms
- encourage your exploration of the implications of media analysis for work purposes
- help you develop an understanding of current methodology as it is embodied in media and communication practices
- encourage you to engage with theories underlying current views on communicative practices, including the importance of global and local media manifestations
- engage with and critically appreciate the connections made between theory and practice in the field of media and communication
- foster your research skills and techniques
- provide hands-on expertise through practical modules and a work placement.

In addition, the programme provides an overview of the contemporary theoretical, methodological, practical and ethical principles that underpin research in the field of media and communication and develops your skills, knowledge and understanding further in the theory and practice of applied media work.

FACILITIES

The department has a digital media laboratory, featuring Apple iMac computers, Final Cut Pro X editing software and the Adobe suite of professional digital media production software, in addition to Sony high definition digital video production kits for short film-making, digital media and documentary production.

CORE MODULES

GLOBAL MEDIA CULTURES
CONTEMPORARY MEDIA THEORY
DIGITAL ETHICS
SOCIAL MEDIA MANAGEMENT
CONTEMPORARY CHINESE MEDIA ENVIRONMENT
RESEARCH METHODS IN COMMUNICATION
INTERACTIVE AND EMERGING TECHNOLOGIES
PRACTICAL DIGITAL MEDIA SKILLS DEVELOPMENT

ELECTIVE MODULES

ADVANCED PUBLIC RELATIONS AND ADVERTISING
GAMING

ADDITIONAL LEARNING ACTIVITY

200 hours per semester of additional learning activity are required to complete your masters degree. See page 14 for information.



Dr NICK COPE
HEAD OF DEPARTMENT
ENGLISH, CULTURE AND COMMUNICATION

Dr Cope is a British filmmaker and academic, who has been making and screening film, video and digital media work since the early 1980s. Nick taught media production for almost two decades at universities in the UK. Before working in higher education Nick was based in London working in the media and creative industries. He continues to screen work nationally and internationally in cinema, gallery, and installation and live performance contexts.

MA TESOL

This 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). It 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.

THE PROGRAMME WILL HELP YOU:

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

CORE MODULES

LINGUISTICS FOR LANGUAGE TEACHERS

METHODS IN ENGLISH LANGUAGE TEACHING

PRINCIPLES OF COURSE AND MATERIAL DESIGN

SECOND LANGUAGE ACQUISITION

LANGUAGE TESTING AND ASSESSMENT

SPEAKING AND LISTENING

RESEARCH METHODS

ELECTIVE MODULES

DISCOURSE ANALYSIS

LEXIS AND VOCABULARY TEACHING

ENGLISH FOR SPECIFIC PURPOSES

ADDITIONAL LEARNING ACTIVITY

200 hours per semester of additional learning activity are required to complete your masters degree. See page 14 for information.

CAREERS

Graduates may pursue TESOL as a new career or enhance their current prospects in the field of English language teaching. In China, a postgraduate qualification in TESOL is increasingly sought-after by educational institutions. Alternatively, the programme will facilitate the professional development of those candidates who are considering a career in publishing or materials development and management positions.

The programme will also equip those interested in pursuing an academic career in the field of English language teaching and applied linguistics by preparing them to conduct research at MPhil, MRes, EdD and PhD level.



“I enjoyed studying on the MA TESOL. I found the programme amazing and the teachers very approachable and knowledgeable. I also appreciated studying in a small group as I was able to get a great deal of the tutors’ attention. I find that when I prepare for classes, I can always draw on what I learned from the programme and apply that to my lesson plans.”

YUNYI ZHOU
ALUMNA
MA TESOL

PART-TIME STUDY OPTION ALSO AVAILABLE

CONTACT

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INFO

FOR MORE INFORMATION
AND TO APPLY
www.xjtlu.edu.cn/en/masters/tesol

DEPARTMENT OF INDUSTRIAL DESIGN

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



MDes TRANSDISCIPLINARY DESIGN

Growth in China will re-define 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.

This programme is for graduates or professionals with design or engineering backgrounds, who want to broaden and deepen their design and design research thinking. You will develop an appreciation for and practice cross-cultural approaches towards design and product, service and systems development. Options are available for part-time study for working professionals.

Following this programme, you will develop individual specialism skills while maintaining a generalist, transdisciplinary outlook towards design. During the first semester of this programme, you will advance your competencies in design research methods, transdisciplinary design tools, innovation processes, and design visualisation and communication. In the following two semesters, you will be supervised by academic staff to develop and carry out your own design research project.

You will be encouraged to take advantage of the transdisciplinary nature of this programme, with an emphasis on development and evaluation of new investigative methods and approaches. Your projects can have an academic emphasis to prepare for doctoral study or be based on a more applied, industry-focussed agenda.

CORE MODULES

- FRAMING DESIGN RESEARCH
- METHODS FOR TRANSDISCIPLINARY DESIGN
- INNOVATION BY DESIGN
- ADVANCED DESIGN VISUALISATION AND COMMUNICATION
- DESIGN RESEARCH PROJECT (OVER TWO SEMESTERS)

CAREERS

The programme offers you a solid preparation for careers such as design practitioners, design managers, as well as for further studies in design-related PhD programmes.

PART-TIME STUDY
OPTION ALSO AVAILABLE

CONTACT
PROGRAMME DIRECTOR
D.Tate@xjtlu.edu.cn



INFO
FOR MORE INFORMATION
AND TO APPLY
www.xjtlu.edu.cn/en/masters/transdisciplinary-design



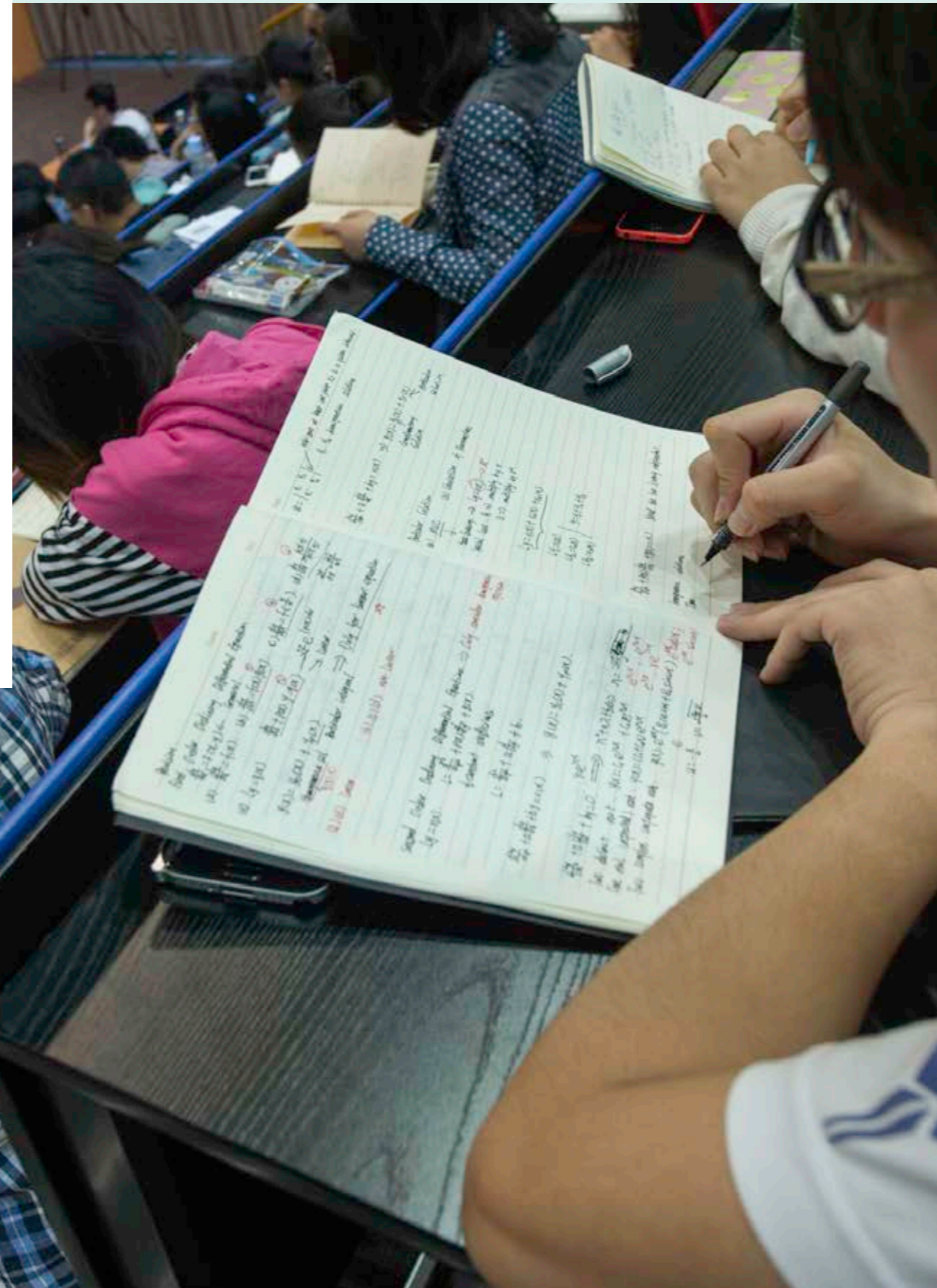
Dr DERRICK TATE
HEAD OF DEPARTMENT
INDUSTRIAL DESIGN

Dr Tate has carried out his research activities at the two ends of the research spectrum; fundamental research that provides a science base for the future of entrepreneurial design and the application of design theories and tools to technology innovation. He aims to impact society through bringing design thinking to areas of strategic importance. These include assessing the innovative potential of design ideas, developing sustainable approaches for products, services and systems, and broadening participation in innovation. His masters and PhD degrees in Mechanical Engineering are from MIT in the areas of manufacturing and design.

DEPARTMENT OF MATHEMATICAL SCIENCES

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

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



ACADEMIC STAFF

Our staff members create a truly international environment that is welcoming to students from all backgrounds. Through research-led teaching, we bring you in contact with the latest developments and ideas in our fields of research and prepare you for the competitive job market.

RESEARCH

Our research interests cover a wide range of mathematical problems including financial mathematics, pricing of financial derivatives, risk estimation, modern analyses, partial differential equations, biomathematics, discrete mathematics, fluid flows, dynamical systems, numerical methods, statistics and probability.

LEARNING AND TEACHING

Our mathematical sciences programmes are delivered through a combination of formal lectures, tutorials, guided reading, private study, and both supervised and unsupervised practical work which includes mathematical workshop practices as well as more involved projects. In researching your dissertation, you gain skills and experience which will be valuable to your future career. In undertaking your own research, you will become an independent thinker who can efficiently and effectively work on challenging problems.

MSc FINANCIAL MATHEMATICS

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

THE PROGRAMME WILL EQUIP YOU WITH:

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

CORE MODULES

ADVANCED MODELLING METHODS IN FINANCE

ADVANCED FINANCIAL ECONOMETRICS

COMPUTATIONAL METHODS IN FINANCE

CONTINUOUS TIME FINANCE

ADVANCED STATISTICS

STOCHASTIC CALCULUS

DISSERTATION

ELECTIVE MODULES

MICROECONOMICS FOR FINANCIAL MATHEMATICS

MOBILE COMMUNICATIONS

QUANTITATIVE METHODS

NUMERICAL COMPUTATION IN FINANCE

ADVANCED RISK MANAGEMENT

ADDITIONAL LEARNING ACTIVITY

200 hours per semester of additional learning activity are required to complete your masters degree. See page 14 for information.

CAREERS

A postgraduate degree in financial mathematics gives you many employment opportunities in the business world such as in banks, investment firms, insurance companies, consulting services to the financial industry, government regulation agencies and business entities. You could also conduct teaching and research at universities, research institutions or government entities.

“The MSc Financial Mathematics programme provides students with the skills and knowledge for careers in financial institutions. To support this, the department has developed an interdisciplinary research collaboration through the establishment of the Institute for Quantitative Finance . This includes establishing projects with industry players and organising various events in the field of quantitative finance. Our mission is to improve the research environment in quantitative finance at XJTLU and contribute to the development of financial markets in China.”

Dr AHMET GONGSU
LECTURER
MSc FINANCIAL MATHEMATICS



NOTE: ICAEW ACCREDITATION IS STILL OUTSTANDING. APPLICATION IN PROGRESS.

CONTACT

PROGRAMME DIRECTOR
Michael.Ha@xjtlu.edu.cn



INFO

FOR MORE INFORMATION AND TO APPLY
www.xjtlu.edu.cn/en/masters/financial-mathematics

An aerial photograph of a modern cityscape. In the foreground, there are several large, multi-story buildings with a mix of architectural styles, some with glass facades and others with more traditional brick or stone. A wide river flows through the middle of the city, with a bridge crossing it. The background shows more dense urban development and a tall, slender skyscraper. The overall scene is brightly lit, suggesting daytime.

DEPARTMENT OF URBAN PLANNING AND DESIGN

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

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

As the size of the human population increases, cities now need to respond to a range of complex urban phenomena including rapid expansion and urban shrinkage. These complex issues demand more sophisticated solutions in order to achieve sustainable development.

Our connections to the Departments of Architecture, Civil Engineering, Environmental Science, Electrical Engineering, and International Business School Suzhou, among others, enables us to foster the interdisciplinary enquiry essential for good urban planning and design.

ACADEMIC STAFF

Our international and interdisciplinary mix of academic staff with their wide range of professional and academic experience, creates a lively intellectual atmosphere that nourishes staff and students alike. At XJTLU, students are encouraged to join our community and enter into the debate about how to make cities better.

MSc URBAN DESIGN

This programme allows you to engage in the complex issues of urban space production in the dynamic Chinese context. It considers the interplay between spatial design and social, economic, environmental and political issues evident in a range of urban settings. It is taught across the Departments of Architecture and Urban Planning and Design to ensure that you receive an interdisciplinary perspective on the development of urban form.

The programme is not limited to those with architecture or urban planning backgrounds, rather it is relevant for all interested in understanding the nature and production of spaces. Staff teaching on the programme offer varied perspectives both in terms of disciplinary approaches and spatial understanding.

CORE MODULES

FUNDAMENTALS OF URBAN DESIGN

PLACE-MAKING AND URBAN DESIGN (STUDIO)

ARCHITECTURAL THEORY AND CRITICISM

URBAN DESIGN ENQUIRY

SUSTAINABLE URBAN PLANNING STRATEGIES

SPATIAL ANALYSIS AND EVALUATION
DISSERTATION

ELECTIVE MODULES

THEORY AND PRACTICE OF URBAN REGENERATION

POLITICS, SOCIETY AND PARTICIPATION

TOPICS IN ARCHITECTURAL HISTORY

HERITAGE, HISTORIC DISTRICTS, AND CONSERVATION

ADDITIONAL LEARNING ACTIVITY

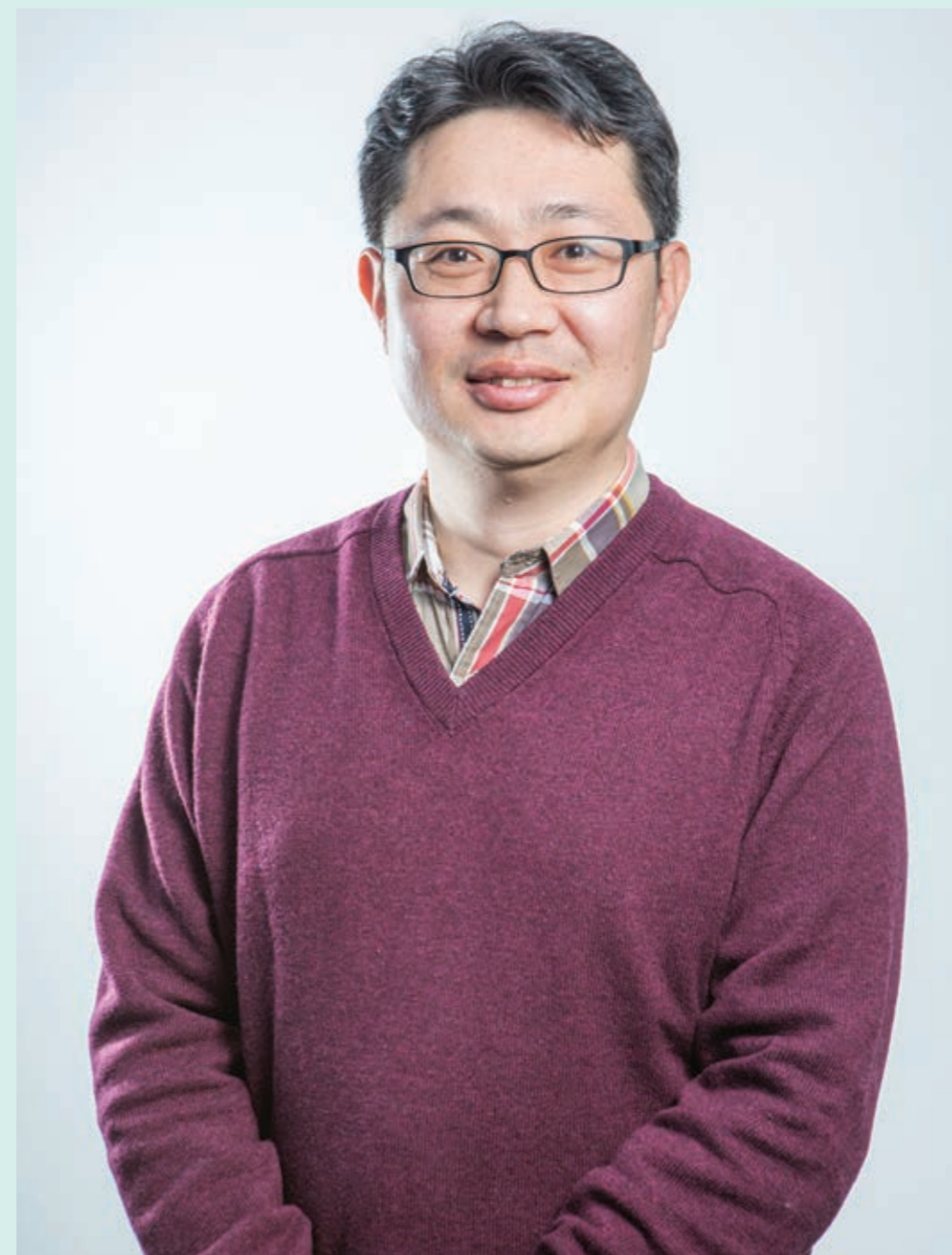
200 hours per semester of additional learning activity are required to complete your masters degree. See page 14 for information.

CAREERS

Urban design plays an important role in the environmental, social and cultural factors that influence society and is crucial to building sustainable urban systems. Graduates of this programme can expect to pursue careers as urban or regional planners in public and private sector companies, developing plans for the use of land, helping to create communities, accommodate population growth, and regenerate facilities in urban areas. China's fast-paced development means that opportunities for graduates with urban design knowledge will be plentiful.

Dr JOON SIK KIM
LECTURER
MSc URBAN DESIGN

Prior to joining XJTLU, Dr Kim worked as a principal consultant at Samsung SDS and at a GIS research institute in Korea. With a background in city planning, he is now actively involved in smart cities, a major urban development initiative focussed on realising that sustainable economic development and a high quality of urban life requires the intelligent and integrated management of multiple physical and social resources through information and communication technology. His research is focussed on discovering ways in which ICT can be applied optimally to the field of urban planning and management to create sustainable and pleasant living environments in Korea, China, the Middle East, and beyond.



**PART-TIME STUDY OPTION
ALSO AVAILABLE**

CONTACT
PROGRAMME DIRECTOR
Andrew.Johnston@xjtlu.edu.cn



INFO
FOR MORE INFORMATION
AND TO APPLY
[www.xjtlu.edu.cn/en/masters/
urban-design](http://www.xjtlu.edu.cn/en/masters/urban-design)

MSc URBAN PLANNING

This programme provides you with an international grounding in urban planning that is 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.

Throughout this programme, you will be introduced to theories and techniques that will allow you to approach urban planning in a critical, communicative and people-oriented way. Students graduate with a comprehensive understanding of contemporary urban problems and possible planning responses, as well as a mastery of the techniques and procedural skills necessary for effective work in the planning profession.

The programme suits students from a range of different backgrounds and it is not limited to those who have undertaken an urban planning undergraduate degree. One of the aims of the programme is to offer a multidisciplinary perspective on the issue of urban regeneration. Staff teaching on the programme offer varying expertise from a range of disciplines including urban planning and design, project management, policy design, and geography. In addition, staff offer a variety of international perspectives including those anchored in Western European, East Asian, and North American theoretical debates.

CORE MODULES

THEORY AND PRACTICE OF URBAN REGENERATION

GOVERNANCE AND FINANCE OF URBAN REGENERATION

PROJECT MANAGEMENT

PLACE-MAKING AND URBAN DESIGN

SPATIAL ANALYSIS AND EVALUATION

SUSTAINABLE URBAN PLANNING STRATEGIES

ELECTIVE MODULES

THEORY AND PRACTICE OF URBAN REGENERATION

POLITICS, SOCIETY AND PARTICIPATION

TOPICS IN ARCHITECTURAL HISTORY

HERITAGE, HISTORIC DISTRICTS, AND CONSERVATION

ADDITIONAL LEARNING ACTIVITY

200 hours per semester of additional learning activity are required to complete your masters degree. See page 14 for information.

CAREERS

This programme provides a solid basis for a range of careers across the world. These include but are not limited to urban planning, policy development, building design and planning, working with community groups as an advocate to give them a voice in built environment decision-making processes, working with local and central government, and working with non-governmental organisations.

PART-TIME STUDY OPTION ALSO AVAILABLE

CONTACT

PROGRAMME DIRECTOR
Sheng.Zhong@xjtlu.edu.cn



INFO

FOR MORE INFORMATION
AND TO APPLY
www.xjtlu.edu.cn/en/masters/urban-planning

“I have always been interested in the built environment and urban planning but didn't ever pursue this topic. I began working in Shanghai after graduating in creative marketing and eventually came to know XJTLU and the MSc Urban Planning. Studying at XJTLU means a degree from the highly reputable University of Liverpool and I was extremely excited to start. My progression has led me towards urban design and I will be fully prepared to begin working in the industry on completion of programme next year.”

HOLLY RIDDINGTON

STUDENT
MSc URBAN PLANNING



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.

CAREER SUPPORT

IBSS Career Services is a designated team endeavouring to provide professional and tailored career support to students. Our services include:

- career paths consultation
- interview skills advice
- CV writing assistance
- industry networking opportunities.



MSc BUSINESS ANALYTICS

The rapid growth of available data is transforming the way managers, accountants, investors or marketers are working. The data integrated into their analyses, business plans and decisions is a must for firms to maintain their competitive advantage.

This programme is a response to these changes in the economic and technological environment. It aims to transform business students into multi-talented professionals, standing in-between their core field of expertise, such as management, finance, and marketing, and information technologies.

The programme mixes advanced modules in finance, marketing or management to provide a deep understanding of the most up-to-date methods for data-processing (machine learning, big data analysis) and data management. Our teaching philosophy is practice-oriented. With this in mind, after an intensive 12-month period of study you will complete your training with a six-month internship within a company.

You will benefit from the Big Data Analytics and Technology Centre that has been set up at XJTU in collaboration with IBM and the Suzhou International Science-Park Data Centre. Business analytics training will be available utilising IBM software and you will have the opportunity to apply for internships or projects at SISDC.

DISTINCTIVE FEATURES INCLUDE:

- access to the Big Data Analytics and Technology Centre
- strong focus on practical data processing and analysis skills
- internship opportunities
- industry links to local companies
- cooperation with Xi'an Jiaotong University.

CORE MODULES

INTRODUCTION TO BUSINESS ANALYTICS

ADDRESSING PRIVACY AND ETHICAL RISKS OF DATA SHARING

ECONOMETRICS

DATABASES AND DATA MANAGEMENT

DATA MINING AND MACHINE LEARNING

SOCIAL NETWORK ANALYSIS

BIG DATA: APPLICATIONS IN BUSINESS

FINANCE PATHWAY: FINANCIAL MARKETS, PORTFOLIO MANAGEMENT

MARKETING PATHWAY: SOCIAL MEDIA MARKETING, MARKETING MANAGEMENT

MANAGEMENT PATHWAY: STRATEGIC BUSINESS ANALYSIS, STRATEGIC OPERATION MANAGEMENT

INTERNSHIP REPORT / DISSERTATION

ADDITIONAL LEARNING ACTIVITY

200 hours per semester of additional learning activity are required to complete your masters degree. See page 14 for information.

CAREERS

Business analytics skills are in high demand in every sector of the economy, particularly within the fast-growing service sectors (finance, retail, marketing, ICT). Typical positions our graduates target include data or information analyst, technical consultant, IT-related project manager, and CRM analyst.

“Virtually all organisations of the future will generate many terabytes of data that contain hidden knowledge unlocked by data analytics. Professionals in this field will enjoy exciting and lucrative careers.”

Dr WOONKIAN CHONG

LECTURER

MSc BUSINESS ANALYTICS



CONTACT

PROGRAMME DIRECTOR
Benoit.Desmarchelier@xjtlu.edu.cn



INFO

FOR MORE INFORMATION
AND TO APPLY
[www.xjtlu.edu.cn/en/masters/
business-analytics](http://www.xjtlu.edu.cn/en/masters/business-analytics)

MSc ECONOMICS

This programme provides high quality training in economics and financial economics. It is intended for those who want to develop the required knowledge and acquire the necessary skills to pursue a research-oriented career in academia, research institutions, central banks, international organisations and the financial industry. You will be registered as an off-site University of Liverpool postgraduate research student, while physically enrolled in the programme at IBSS in China.

This programme is both a stand-alone masters programme, as well as a prerequisite for those who wish to study for a PhD degree in economics or financial economics. The IBSS PhD programme in economics has as its goal to offer the best PhD training in economics in China and the best PhD programme related to the Chinese economy in the world. Detailed information about the doctoral programme is available at www.xjtlu.edu.cn/en/ibss/phd

CORE MODULES

You are required to take the following core modules, followed by a research project (dissertation). There will be a two-week intensive focus on mathematics and statistics at the start of the first semester.

ECONOMETRICS

MICROECONOMIC THEORY

MACROECONOMIC THEORY I

TIME SERIES ANALYSIS

ELECTIVE MODULES

You may choose four modules from the list below, according to your research interests and under the advice and guidance of the programme director, dissertation supervisor and other senior academic staff in IBSS.

MATHEMATICS FOR ECONOMISTS

PROBABILITY ESSENTIALS FOR FINANCIAL CALCULUS

INFORMATION ASYMMETRIES AND MECHANISM DESIGN

MACROECONOMIC THEORY II

ASSET PRICING

STOCHASTIC MODELLING IN FINANCE

GAME THEORY

THE CHINESE ECONOMY AND FINANCIAL SYSTEM

ADDITIONAL LEARNING ACTIVITY

200 hours per semester of additional learning activity are required to complete your masters degree. See page 14 for information.

CAREER

The programme has a substantial theoretical and methodological core, which provides an essential basis for students moving on to doctoral level study and an academic career. Industry opportunities may manifest themselves in the form of research posts in private and public sector organisations.



Dr RON SCHRAMM
PROGRAMME DIRECTOR
MSc ECONOMICS

Dr Schramm brings 25 years' experience at Columbia Business School to XJTLU. He was a Fulbright Scholar at the University of International Business and Economics in Beijing, as well as a visiting professor at many top-class universities and business schools. Ron has business experience from both the International Monetary Fund and the World Bank.

CONTACT

PROGRAMME DIRECTOR
Ron.Schramm@xjtlu.edu.cn



INFO

FOR MORE INFORMATION
AND TO APPLY
www.xjtlu.edu.cn/en/masters/economics

MSc ECONOMICS AND FINANCE

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

IBSS attracts self-motivated students who are interested in a programme related to economics and specialising in finance. Students considering applying for this programme should have some formation in quantitative methods, statistics or econometrics, especially those with a degree that is not in economics or finance.

CORE MODULES

FINANCIAL ECONOMICS

ECONOMETRICS

TIME SERIES ANALYSIS

MONEY AND BANKING

FINANCIAL MARKETS

MACROECONOMIC THEORY

INTERNATIONAL FINANCE AND ECONOMICS

ADVANCED CORPORATE FINANCE

PORTFOLIO THEORY

ALTERNATIVE INVESTMENTS AND STRATEGIES

FIXED INCOME AND DERIVATIVE INSTRUMENTS

ADDITIONAL LEARNING ACTIVITY

200 hours per semester of additional learning activity are required to complete your masters degree. See page 14 for information.

CAREERS

This degree is designed to give you an advantage in pursuing career opportunities in the financial sector, central banks and other monetary financial institutions, international organisations, academia and research institutions. Since it has a strong formation in economics, it is also attractive to students who may have an interest in the wider business sector, especially multinationals. Examples of such positions include:

- portfolio manager
- investment strategy analyst
- director of research
- market risk analyst
- senior risk analyst
- head of investor relations
- senior economist
- industrial economist.

“The curriculum blends finance and economics extremely well. Our professors really care about us ensuring we understand and providing us with current examples so that we can link theory and practice. The programme also helped my chances of employment, and I have successfully secured a job with Wilshire Associates for after graduation.”

QIONG JI
STUDENT
MSc ECONOMICS AND FINANCE

CONTACT

PROGRAMME DIRECTOR
Jose.Grisolia@xjtlu.edu.cn



INFO

FOR MORE INFORMATION
AND TO APPLY
www.xjtlu.edu.cn/en/masters/economics-and-finance



MSc FINANCE

This programme is research-oriented with emphasis on providing you with the tools to solve the practical financial problems that will create value for companies and enable societies to evolve.

You will get wide theoretical knowledge in both 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 fields. Contemporary topics will be integrated throughout the programme in order to better understand human behaviour in financial markets.

Throughout the programme, traditional academic modules will alternate with research seminars, discussions with academic staff and visiting researchers, and meetings with representatives from the financial markets. This will ensure an integrated and concrete learning environment with strong connections to the real world.

The programme is a perfect fit for individuals looking to enhance theoretical knowledge, quantitative and analytical skills and improve career opportunities. It will make use of cutting-edge textbooks and materials published in the field. In addition, you will have the opportunity to apply for teaching and research assistantships within the IBSS and across the University during your studies.

The programme will equip you with:

- comprehensive knowledge of contemporary financial and economic theories and their application to the challenges that face organisations today
- academic knowledge and skills, as well as 'softer' business skills that employers value, such as emotional intelligence, creative thinking and high-impact communication.

You will be able to listen to and meet high-profile people from the management world as well as attend the networking events we hold with local employers and events organised by recruiting organisations on campus.

CORE MODULES

ADVANCED CORPORATE FINANCE

ADVANCED INVESTMENTS

ADVANCED DERIVATIVES

FINANCIAL ECONOMICS

MONEY AND BANKING

ECONOMETRICS

TIME SERIES ANALYSIS

ALTERNATIVE INVESTMENTS AND STRATEGIES

MACROECONOMIC THEORY

DISSERTATION

ADDITIONAL LEARNING ACTIVITY

200 hours per semester of additional learning activity are required to complete your masters degree. See page 14 for information.

CAREERS

The programme is designed to support career entry and development in the financial sectors 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. It also prepares students for doctoral studies and an academic career.



Dr WARREN WU
DEPUTY PROGRAMME DIRECTOR
AND DIRECTOR, IBSS PG STUDIES

Dr Wu is an associate professor of finance and a Fulbright Scholar in financial economics, with substantial experience in industry, government and education. His industry experience began in the oil and gas industry with Shell and later in the public sector for the Finance Ministry in Thailand. He specialises in analytics and modelling for risk estimation, project simulation, and portfolio optimisation.

CONTACT

PROGRAMME DIRECTOR
Jari.Kappi@xjtlu.edu.cn



INFO

FOR MORE INFORMATION
AND TO APPLY

www.xjtlu.edu.cn/en/masters/finance

THE IBSS MBA

Are you looking for an exciting and innovative Master of Business Administration programme in the heart of China's booming eastern corridor?

IBSS at XJTLU offers a contemporary and highly creative, world-class MBA degree through close cooperation with the University of Liverpool. You'll be immersed in the business practices and cultural intricacies of both China and the Western world; experiencing the best of east and west. IBSS staff bring the MBA to life with cutting-edge global business knowledge and by employing international best practices in management education.

The IBSS MBA is designed with one key goal in mind; to prepare you for success in today's dynamic global business environment. It is developed to international standards with value-added, China-specific content.

CONTACT
PROGRAMME DIRECTOR
Chanzi.Bao@xjtlu.edu.cn



INFO
FOR MORE INFORMATION
AND TO APPLY
www.xjtlu.edu.cn/en/masters/mba

Our real-world curriculum is taught entirely in English by a diverse and expert academic business staff from 28 countries. Our aim is to ensure that our students are strong candidates in the global job market. The programme includes six weeks of study in the heart of the city of London's financial markets as well as exchange opportunities with top business schools around the world.

CORE MODULES

SEMESTER 1

MICROECONOMICS FOR MANAGERS

STRATEGIC MANAGEMENT

ACCOUNTING FOR MANAGERS

GLOBAL SUSTAINABILITY AND SOCIAL RESPONSIBILITY

ORGANISATIONAL BEHAVIOUR AND HUMAN RESOURCE MANAGEMENT

MARKETING AND SALES

STRATEGIC OPERATIONS MANAGEMENT

CORPORATE FINANCE

SEMESTER 2

PART I: CAMPUS ABROAD IN LONDON
■ CORPORATE TREASURY AND FINANCE

PART II: CHINA CONTEXT AND APPLICATIONS
■ DOING BUSINESS WITH CHINA
■ ENTERPRISE, ENTREPRENEURIALISM AND DEVELOPMENT IN CHINA
■ MACROECONOMICS AND THE CHINESE CONTEXT

SEMESTER THREE

MBA FINAL PROJECT

ADDITIONAL LEARNING ACTIVITY

200 hours per semester of additional learning activity are required to complete your masters degree. See page 14 for information.

CAREERS

You will access unrivalled China-based business connections thanks to our strategic location within Suzhou Industrial Park, home to many Fortune 500 companies within a community of nearly 5,000 Chinese and international enterprises. Internships, field projects and a dissertation will further develop your understanding of the fast-growing, critically important Chinese market.

Upon successful graduation, you will become a part of the University of Liverpool's worldwide alumni network of over 100,000 based in 130 countries.

“Through my MBA at IBSS, I have already gained deeper knowledge about international management. Extending my knowledge will benefit my career in the future and help me shape my vision and critical thinking.”

DAISY (TING) XU
STUDENT
MBA PROGRAMME



INTERNATIONAL MBA FOR EXECUTIVES

The part-time IMBA programme combines rigorous academic modules with a wide range of professional development activities aimed at fostering your managerial and leadership capabilities. It does this within a unique environment that blends Chinese and Western cultures.

Whether you are based in China, the UK, or elsewhere, the IMBA is an international passport that will give you an edge in the world's largest and most competitive markets.

Throughout the IMBA programme, traditional academic modules will alternate with seminars and meetings with key representatives from different industries and a range of other activities that provide an integrated and concrete learning environment with strong connections to the real world.

The experience is further enriched by simulations and case studies dealing with issues on the cutting-edge of today's business. The IMBA programme's online platform builds teamwork skills by enabling you to work smoothly with peers and share ideas and inspiration. In addition, you are supported throughout your programme by a team of online tutors accessible through this platform.

- Develop your skills and attitudes as a manager and leader
- Meet and engage with like-minded peers and industry leaders
- Attend social events with alumni
- Participate in business simulations
- Join individual career development workshops.

The IMBA's flexibility and diversity make it a perfect fit for managers from international and Chinese companies as well as those in the public sector. This will help you develop skills and knowledge while, at the same time connecting you to a well-established and powerful network of professional relationships that includes the alumni of the prestigious University of Liverpool Management School.

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.

CORE MODULES

MANAGING THE ECONOMIC CONTEXT

MANAGING FINANCIAL RESOURCES

THE ORGANISATION IN THE STRATEGIC CONTEXT

MANAGEMENT OF CHANGE AND INNOVATION

INTERNATIONAL MARKETING

STRATEGIC AND INTERNATIONAL HUMAN RESOURCES MANAGEMENT

OPERATIONS AND SUPPLY CHAIN MANAGEMENT

NEGOTIATING IN THE INTERNATIONAL ENVIRONMENT

FINAL INDIVIDUAL PROJECT

ADDITIONAL LEARNING ACTIVITY

200 hours per semester of additional learning activity are required to complete your masters degree. See page 14 for information.



“IBSS is building a worldwide business school partner network so that our students can customise additional global experiences as part of their programme. One strong partnership we have is with the University of Liverpool’s London campus, for a core module focussed on financial markets.”

ROBERTO DONÀ
DIRECTOR
MBA PROGRAMMES

CONTACT

PROGRAMME DIRECTOR
Roberto.Dona@xjtlu.edu.cn



INFO

FOR MORE INFORMATION
AND TO APPLY
[www.xjtlu.edu.cn/en/masters/
international-mba](http://www.xjtlu.edu.cn/en/masters/international-mba)

MSc INVESTMENT MANAGEMENT

This programme will provide you with a solid understanding of financial markets, securities and investment management theories and strategies. You will also grasp the complexities of contemporary economics and financial principals and how these apply to decision-making in financial intermediation, savings and investment. The programme is designed to meet the growing demand amongst banks, fund managers, regulators and other financial institutions in China and Asia. It aims to produce graduates who have a specialist knowledge and understanding of financial markets and investment management.

This is a practiced-based degree with the objective of preparing you for employment in the financial markets after graduation, though it can also serve as a base for further academic study. IBSS has partnered with Thomson Reuters to offer students on this programme privileged access to the on-campus Financial Lab and Trading Floor and a wealth of analytics and data on global financial markets for both study and research purposes.

CONTACT

PROGRAMME DIRECTOR
John.Evans@xjtlu.edu.cn



INFO

FOR MORE INFORMATION
AND TO APPLY
www.xjtlu.edu.cn/en/masters/investment-management

DISTINCTIVE FEATURES

Recognition by the CFA Institute:

- Incorporates over 70% of the CFA Candidate Body of Knowledge (CBOK).
- Accepted by the CFA Institute University Recognition Programme.
- Provides solid grounding in the CBOK and knowledge for CFA exams.

IBSS Financial Lab and Trading Floor:

- Contains the Thomson Reuters EIKON system.
- Access to a world of data for study and research.
- Includes data feeds from Datastream and Thomson 1.
- Training by Thomson Reuter staff on the EIKON system.
- Thomson Reuters EIKON training certificate.

CORE MODULES

FINANCIAL ANALYSIS

QUANTITATIVE METHODS FOR FINANCE

EQUITY MARKETS AND DERIVATIVE

INTRODUCTION TO MONEY AND BANKING

SECURITIES OPERATIONS MANAGEMENT

ETHICAL AND PROFESSIONAL STANDARDS

ADVANCED CORPORATE FINANCE

ALTERNATIVE INVESTMENT AND STRATEGIES

FIXED INCOME AND DERIVATIVE INSTRUMENTS

PORTFOLIO MANAGEMENT

INDUSTRY RESEARCH PROJECT

ADDITIONAL LEARNING ACTIVITY

200 hours per semester of additional learning activity are required to complete your masters degree. See page 14 for information.

CAREERS

Investment is a critical part of the financial industry. As a result, graduates of this specialised area of study are in demand by banks, fund managers, regulators and many other participants in the financial markets.



“I’m interested in a career in the financial markets. My certification from the Financial Lab and Trading Floor as well as my five-week internship at Thomson Reuters have given me the chance to practice what I’ve learned in class. The hands-on experience helps position me for a great job upon graduation.”

MEITING SHI
STUDENT

MSc INVESTMENT MANAGEMENT



MRes MANAGEMENT

This programme helps you develop a systematic understanding and critical appreciation of alternative approaches, methodologies and paradigms of research in the field of business and management. It will equip you with an understanding of what constitutes quality research, and acquaint you with the research processes involved from the point of inception to project completion. You will be registered as an off-site University of Liverpool postgraduate research student, while studying at XJTLU in China.

The overall goal of the programme is to develop fully trained and competent management researchers who are able to understand and use research techniques appropriate to their subject area.

CONTACT

PROGRAMME DIRECTOR
Florian.Kohlbacher@xjtlu.edu.cn

DETAILED INFORMATION
ABOUT THE DOCTORAL
PROGRAMME AT IBSS IS
AVAILABLE AT:
[academic.xjtlu.edu.cn/ibss/
phd](http://academic.xjtlu.edu.cn/ibss/phd)



INFO

FOR MORE INFORMATION
AND TO APPLY
[www.xjtlu.edu.cn/en/masters/
management-mres](http://www.xjtlu.edu.cn/en/masters/management-mres)

This programme is both a stand-alone masters programme as well as a prerequisite to those who wish to earn a PhD degree in management, economics or financial economics.

This programme will equip you to:

- review systematically, and evaluate critically, research paradigms and demonstrate how they inform research projects
- analyse business and management processes and their environment using a multitude of conceptual approaches
- understand how the examination of different aspects in business and management research can be integrated
- demonstrate comprehensive understanding and critical reflection of literature in the field of study
- demonstrate self-direction and originality in the design of quality research projects in a range of managerial and organisational settings
- understand and systematically apply research skills in quantitative, qualitative and mixed-method data collection and analysis relative to business and management research
- appreciate how the organisational context affects the design, conduct, analysis, and interpretation in business and management
- advance your knowledge and understanding through the completion and comprehensive write-up of independently conducted research projects.

CORE MODULES

Students on this programme are required to take the following core modules, followed by a research project (dissertation).

BUSINESS AND MANAGEMENT AS A SOCIAL SCIENCE

QUANTITATIVE METHODS

QUALITATIVE METHODS

ADVANCED METHODS

Co-registration onto the PhD programme is possible after 12 months subject to satisfactory performance.

ADDITIONAL LEARNING ACTIVITY

200 hours per semester of additional learning activity are required to complete your masters degree. See page 14 for information.

CAREERS

Industry opportunities may manifest themselves in the form of research posts in private and public sector organisations. The programme has a substantial theoretical and methodological core which provides an essential basis for students moving on to doctoral level study.

NOTE: CO-REGISTRATION ON THE PHD PROGRAMME IS SUBJECT TO SATISFACTORY STUDENT PERFORMANCE. PLEASE CONTACT THE PROGRAMME DIRECTOR FOR MORE INFORMATION.



Dr FLORIAN KOHLBACHER

PROGRAMME DIRECTOR
MRes MANAGEMENT

Dr Kohlbacher brings experience from more than a decade of research and work in Asia. He is an adjunct fellow at the Institute of Contemporary Asian Studies at Temple University Japan Campus as well as a visiting professor at various top-class universities in North America, Europe and Asia. Florian brings business experience in marketing and innovation management and his research is frequently featured in top international journals as well as the popular media.

MSc MANAGEMENT

This is a dynamic, contemporary and innovative programme that prepares you for management positions across a wider 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, this degree will offer you broad theoretical and practical knowledge of management. Studies will cover many topics of relevance to managers both 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 choice in consultation with the programme director.

PART-TIME STUDY
OPTION ALSO AVAILABLE

CONTACT
PROGRAMME DIRECTOR
Christoph.Zabe@xjtlu.edu.cn



INFO
FOR MORE INFORMATION
AND TO APPLY
www.xjtlu.edu.cn/en/masters/management-msc

THE PROGRAMME AIMS TO EQUIP YOU WITH:

- an understanding of management practices and theories
- experience in the broad range of managerial functions and tasks
- an awareness of the management demands in business
- research skills through project and dissertation work
- potential work experience through internships (for students who are not already employed)
- excellent networking possibilities.

CORE MODULES

INTERNATIONAL BUSINESS

ACCOUNTING AND FINANCIAL MANAGEMENT

STRATEGIC ORGANISATION

STRATEGIC BUSINESS ANALYSIS

BUSINESS LEADERSHIP

MARKETING MANAGEMENT

STRATEGIC OPERATIONS MANAGEMENT

ENTREPRENEURSHIP AND BUSINESS CREATION

DISSERTATION OR BUSINESS PROJECT

IBSS believes in practical business engagement at all levels. A number of business executives will share their practical experiences in guest lectures, while visits to corporations will enhance your real business life experience.

ADDITIONAL LEARNING ACTIVITY

200 hours per semester of additional learning activity are required to complete your masters degree. See page 14 for information.

PERSONAL AND CAREER DEVELOPMENT

Surrounded by Fortune 500 and Chinese companies, IBSS and our career development team have the ideal location for deep engagement with potential national and multinational employers to identify the best job opportunities for our MSc Management students. This programme includes career skills and personal development support to assist you with career evaluation, job search 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
- assessing soft competencies like working in teams, communication and presentation skills
- assistance in employment and work permit issues.



“Academically and practically I’ve learnt a lot about business and the economy, its interconnections and how to ‘speak the language’ of management. The professors from different intercultural and interdisciplinary roots give us insights into their experience and teach us to critically reflect. I have also learned a lot from my fellow students from eight different nationalities.”

JULIET AMPAH
STUDENT
MSc MANAGEMENT

MSc OPERATIONS AND SUPPLY CHAIN MANAGEMENT

This programme covers all aspects of effective operations and supply chain management in a highly competitive global marketplace. It looks at how successful operations and supply chain management can shape the sales and profit ambition of a business. Combining XJTLU's growing reputation, IBSS's dynamic innovative international expertise, intensive collaboration with the business community and our proximity to the Yangtze River Delta region, the programme is one of the few English-language masters programmes of its type in China.

Throughout the programme, opportunities are provided for you to analyse and examine the most up-to-date developments in operations and supply chain practice through a series of industrial lectures and best practice industry visits. You will be equipped with the knowledge and skills to reach senior managerial positions or become an operations, logistics and supply chain management strategist.

PART-TIME STUDY
OPTION ALSO AVAILABLE

CONTACT
PROGRAMME DIRECTOR
Hossam.Ismail@xjtlu.edu.cn



INFO
FOR MORE INFORMATION
AND TO APPLY
www.xjtlu.edu.cn/en/masters/operations-and-supply-chain-management

Accreditation by the Chartered Institute of Purchasing and Supply (CIPS) is currently being sought, while students will be exempted from a number of required modules by the American Society of Transportation and Logistics to qualify for chartered status.

During your studies, there is the opportunity to engage with and learn from leading organisations, thanks to our extensive links with businesses and public sector services, locally and across the world, providing you with exciting opportunities for placements, mentoring, involvement in live projects and networking.

CORE MODULES

SUPPLY CHAIN OPERATIONS
MANAGEMENT

STRATEGIC OPERATIONS
MANAGEMENT

LOGISTICS AND PHYSICAL
DISTRIBUTION

STRATEGIC PURCHASING
MANAGEMENT

THEORY AND PRACTICE OF LEAN
THINKING

STRATEGIC BUSINESS ANALYSIS

ACCOUNTING AND FINANCIAL
MANAGEMENT

DISSERTATION

ELECTIVE MODULES

MARKETING MANAGEMENT

PROJECT MANAGEMENT

ADDITIONAL LEARNING ACTIVITY

200 hours per semester of additional learning activity are required to complete your masters degree. See page 14 for information.

CAREERS

Graduates are now working for companies like Accenture, Caterpillar, Daimler Chrysler, Deloitte Consultants, Ford Motor Company, GE, Maersk, Unilever, Unipart, Westinghouse and Cargill.

“Our programme is taught by specialists with close links to industry. It equips students with a set of specialist and transferable skills that is appreciated in so many business and industry sectors.”

PROFESSOR HOSSAM ISMAIL
PROGRAMME DIRECTOR
MSc OPERATIONS AND SUPPLY CHAIN MANAGEMENT



MSc PROFESSIONAL ACCOUNTING

This programme aims to provide you with a strong professionally oriented training in accounting. 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 AIMS TO EQUIP YOU WITH:

- intellectual skills and 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 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.

CORE MODULES

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

ADDITIONAL LEARNING ACTIVITY

200 hours per semester of additional learning activity are required to complete your masters degree. See page 14 for information.

CAREERS

The programme is designed to prepare you to qualify as a chartered accountant with ICAEW, and it is also useful preparation towards other professional accountancy exams, such as those offered by ACCA (the Association of Chartered Certified Accountants).



“Chartered professional accountants are in high demand in China and across the globe. The programme is recognised by the ICAEW - our graduates will not only have the preparation, but also the credentials to succeed.”

PROFESSOR VERNON RICHARDSON
LECTURER
MSc PROFESSIONAL ACCOUNTING

NOTE: ICAEW ACCREDITATION IS STILL OUTSTANDING AND AN APPLICATION IS IN PROGRESS.

CONTACT
PROGRAMME DIRECTOR
Danny.Lo@xjtlu.edu.cn



INFO
FOR MORE INFORMATION
AND TO APPLY
www.xjtlu.edu.cn/en/masters/professional-accounting

MSc PROJECT MANAGEMENT

This programme will equip you with the necessary skills and knowledge to successfully manage projects in a variety of industries and contexts. You will learn about all aspects of how to effectively plan, implement, control and monitor, and handover projects of various sizes and complexities in a highly competitive global marketplace.

You will gain vital skills in the management of stakeholders' expectations, risk management and quality assurance on projects. The programme will teach you from both a practical and theoretical standpoint how project management can be used as a tool to help grow business and achieve strategic objectives in an organisational setting.

The programme caters to the needs of experienced professionals as well as those who are at the beginning of their career in a project management-related role through the acquisition of necessary skills and knowledge in a technology-embedded learning environment. It will serve as a pathway for you to achieve highly sought-after certifications in project management.

This is a practiced-based degree with the objective of preparing you for the strong project management job market in China and beyond, though it can also serve as a base for further academic study.

CORE MODULES

PROJECT PLANNING AND CONTROL

PROJECT RISK MANAGEMENT

PROJECT FINANCE AND COST MANAGEMENT

PROJECT STAKEHOLDER MANAGEMENT

LEADERSHIP AND GOVERNANCE IN PROJECTS

STRATEGIC PURCHASING MANAGEMENT

STRATEGIC BUSINESS ANALYSIS

ENTREPRENEURSHIP AND BUSINESS CREATION

DISSERTATION/CAPSTONE CONSULTANCY PROJECT

ADDITIONAL LEARNING ACTIVITY

200 hours per semester of additional learning activity are required to complete your masters degree. See page 14 for information.

CAREERS

China is at the forefront of countries demanding highly developed project management skills which contribute towards economic development and GDP growth. This means a high demand for professionals with training in project management. Suzhou, Shanghai and Wuxi are important hubs of business and economic activities and we expect to see strong demand for people with project management skills across various industries in these hubs and more widely across Asia and beyond.

Graduates may work industries such as e-commerce, oil and gas, software, IT, construction, airlines, retail and manufacturing industries.

PART-TIME STUDY
OPTION ALSO AVAILABLE

CONTACT
PROGRAMME DIRECTOR
Jiwat.Ram@xjtlu.edu.cn



INFO
FOR MORE INFORMATION
AND TO APPLY
<http://www.xjtlu.edu.cn/en/admissions/masters/programmes/995-msc-project-management.html>





“Being awarded a postgraduate scholarship for 50% of my tuition fees was a significant help towards the decision to move to China and study at XJTLU. Even without a scholarship, I would have chosen to come here anyway, as it’s a fantastic experience!”

PHILIP ANNOR-ANTWI
STUDENT
MSc OPERATIONS AND SUPPLY CHAIN MANAGEMENT

FEES AND SCHOLARSHIPS

DEGREE PROGRAMME	TUITION FEE (RMB)	DURATION AND STUDY MODE
ADVANCED CHEMICAL SCIENCES (MRes)	90,000	18 MONTHS, FT
APPLIED INFORMATICS (MSc)	90,000	18 MONTHS, FT
ARCHITECTURAL DESIGN (MArch Des)	160,000	2 YEARS, FT
BUSINESS ANALYTICS (MSc)	120,000	18 MONTHS, FT
CIVIL ENGINEERING (MSc)	90,000	18 MONTHS, FT / 36 MONTHS, PT
COMPUTER SCIENCE (MRes)	90,000	18 MONTHS, FT
ECONOMICS (MSc)	120,000	18 MONTHS, FT
ECONOMICS AND FINANCE (MSc)	120,000	18 MONTHS, FT
FINANCE (MSc)	120,000	18 MONTHS, FT
FINANCIAL COMPUTING (MSc)	90,000	18 MONTHS, FT
FINANCIAL MATHEMATICS (MSc)	90,000	18 MONTHS, FT
THE IBSS MBA	188,000	15 MONTHS, FT
INTERNATIONAL MBA FOR EXECUTIVES	260,000	2 YEARS, PT
INVESTMENT MANAGEMENT (MSc)	150,000	18 MONTHS, FT
MANAGEMENT (MRes)	90,000	18 MONTHS, FT
MANAGEMENT (MSc)	120,000	18 MONTHS, FT / 30 MONTHS, PT
MEDIA AND COMMUNICATION (MSc)	90,000	18 MONTHS, FT
MOLECULAR BIOSCIENCE (MRes)	90,000	18 MONTHS, FT
MULTIMEDIA TELECOMMUNICATIONS (MSc)	90,000	18 MONTHS, FT
OPERATIONS AND SUPPLY CHAIN MANAGEMENT (MSc)	120,000	18 MONTHS, FT / 36 MONTHS, PT
PROFESSIONAL ACCOUNTING (MSc)	140,000	18 MONTHS, FT
PROJECT MANAGEMENT (MSc)	120,000	18 MONTHS, FT / 36 MONTHS, PT
SOCIAL COMPUTING (MSc)	90,000	18 MONTHS, FT
SUSTAINABLE CONSTRUCTION (MSc)	90,000	18 MONTHS, FT / 36 MONTHS, PT
SUSTAINABLE ENERGY TECHNOLOGY (MSc)	90,000	18 MONTHS, FT
TESOL (MA)	90,000	18 MONTHS, FT / 30 MONTHS, PT
TRANSDISCIPLINARY DESIGN (MDes)	90,000	18 MONTHS, FT / 24 MONTHS, PT
URBAN DESIGN (MSc)	90,000	18 MONTHS, FT / 30 MONTHS, PT
URBAN PLANNING (MSc)	90,000	18 MONTHS, FT / 30 MONTHS, PT

NOTE: THE TUITION FEE DOES NOT COVER THE COSTS OF CERTAIN ONE-OFF ACTIVITIES WHICH MAY BE ASSOCIATED WITH YOUR PROGRAMME SUCH AS FIELDTRIPS OR TRANSPORT COSTS TO SITE VISITS.

FT = full-time
PT = part-time

TUITION FEES

University tuition fees cover the cost of your study with us. Tuition fees vary depending on the type of subject being studied.

PAYMENT OPTIONS

Masters students have the option to pay tuition fees in instalments each semester. You can also choose to pay the fees upfront at the time of registration, in this case a discount of 5 percent of the total fees will be offered.

You will be asked to indicate how you would like to pay the fees when you confirm your acceptance of the unconditional offer.

SCHOLARSHIPS

XJTLU offers a generous scholarship of up to 50 percent of the total tuition fee, based on academic merit. For more information, please visit www.xjtlu.edu.cn/en/masters

Note: There are currently no scholarships available for part-time programmes.

ALUMNI DISCOUNT

If you are a graduate of XJTLU, the University of Liverpool or Xi'an Jiaotong University, you will automatically receive a scholarship of 20 percent of the total tuition fee.



HOW TO APPLY

BEFORE YOU APPLY

The tips below are to help you apply in the most effective way.

1. Research the programme you are interested in to make sure it is right for you.
2. Check the entry and English language requirements for your programme of interest.
3. Make sure you have prepared the following documents in English to upload onto the application system: personal statement, two letters of reference (on the official letterhead of your referee's workplace and his/her signature), certificates of education qualifications and transcripts, certificates of English language qualifications, scholarship application letter (optional).
4. XJTLU reserves the right to request additional documents or an interview to assess your academic qualifications for particular programmes.

APPLY ONLINE

All applicants should apply via our online application system. Please select the degree programme you wish to pursue on our website, and click the "Apply" button. You will then be prompted to:

1. Create an account with required basic information, including your name and email address.
2. Complete the application form. Once your application account is successfully created, enter all the information required carefully and make sure it is correct.
3. Upload the required documents as instructed on the form.
4. Submit your application. After submitting your application form successfully, you will receive an acknowledgement email from pgadmissions@xjtlu.edu.cn.

NOTE: WE WILL NOT BEGIN PROCESSING YOUR APPLICATION UNTIL WE HAVE RECEIVED AT LEAST YOUR PERSONAL STATEMENT AND TRANSCRIPTS.

CLOSING DATE FOR APPLICATIONS (FOR SEPTEMBER 2016 ENTRY)

30 JUNE 2016 (INTERNATIONAL STUDENTS)
31 JULY 2016 (CHINESE NATIONALS)

WE ENCOURAGE YOU TO SUBMIT YOUR APPLICATION WELL BEFORE THIS DATE.

NOTE: SOME PART-TIME PROGRAMMES ALSO HAVE A FEBRUARY/MARCH ENTRY. PLEASE REFER TO THE RELEVANT PROGRAMME PAGE ON OUR WEBSITE FOR DETAILS.

PHD APPLICATIONS MAY BE SUBMITTED AT ANY TIME.

AFTER YOU APPLY

1. Self Service Centre: You can log-in to the Self Service Centre application system to track your application status and upload any remaining documents.
2. Accepting an offer: If successful, you will be issued an offer letter through the Self Service Centre (and notified via email). You can then accept the offer through the Self Service Centre. For conditional offer holders, you will be given an unconditional offer once you meet the condition(s) stated in the offer letter and by submitting all required supporting documents.
3. Paying a deposit: Unconditional offer holders must secure their place at XJTLU by paying a non-refundable deposit of RMB 10,000, payable when confirming your acceptance of the offer. This is part of your tuition fee and will be deducted from the total amount upon enrolment. Failure to pay the deposit before the deadline (30 calendar days starting from the date of the offer) may result in your offer being withdrawn.
4. Once the deposit is paid, you will receive a payment acknowledgement and pre-registration notice to help you make early preparations for arrival.

FOR ANY ENQUIRIES, PLEASE EMAIL:
pgenquiries@xjtlu.edu.cn



INFO
FOR MORE INFORMATION, PLEASE VISIT
www.xjtlu.edu.cn/en/masters

ENTRY REQUIREMENTS

ENGLISH LANGUAGE REQUIREMENTS

If English is not your native language or if you have not studied in English at degree level, you will need to provide evidence of your English proficiency. You should normally possess an appropriate IELTS, TOEFL, or an equivalent score (see page 134 for the requirements for each programme).

In exceptional circumstances, individual cases will be considered on their own merits. You may be required to attend interviews or tests to further demonstrate your English proficiency.

If you miss the English language requirements by 0.5-1.0 of an IELTS band, or a similar number for other English language exams, you can be admitted to the programme after successful completion of our four- or six-week intensive English preessional course.

You can also apply to take the XJTLU English language test in lieu of an IELTS/TOEFL or equivalent. Based on the score, students may be admitted or may be required to take and successfully complete the four- or six-week intensive English preessional course. For further information please see page 20.

MINIMUM ENTRY REQUIREMENTS

UK:
Upper second class (2:1) honours

CHINA:
1st tier universities: 75% or above
2nd tier universities: 80% or above
Note: Chinese applicants are not required to take the MoE postgraduate entrance exam.

NORTH AMERICA:
3.0 Cumulative GPA (out of 4) or
3.2 Cumulative GPA in the final two years of your undergraduate programme

OTHER REGIONS:
Equivalent academic qualifications

SEE PAGE 134 FOR PROGRAMME-SPECIFIC REQUIREMENTS.

Additionally, students may be required to complete English language courses on a pass/fail basis as part of the additional learning activity requirement during their studies at XJTLU.



A

ADVANCED CHEMICAL SCIENCES (MRes)

ACADEMIC BACKGROUND
An undergraduate degree (UK 2:1 or equivalent) in chemistry or a related discipline

ENGLISH
IELTS: 6.0 (minimum of 5.0 in all sections)
TOEFL iBT: 80

APPLIED INFORMATICS (MSc)

ACADEMIC BACKGROUND
An undergraduate degree (UK 2:1 or equivalent) in information and computing science, information and management systems, or related fields such as engineering or finance.

ENGLISH
IELTS: 6.0 (minimum of 5.0 in all sections)
TOEFL iBT: 80

ARCHITECTURAL DESIGN (MArch)

ACADEMIC BACKGROUND
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 (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.

ENGLISH
IELTS: 6.5 (minimum of 5.5 in all sections)
TOEFL iBT: 90 (minimum of 21 in any skill)

B

BUSINESS ANALYTICS (MSc)

ACADEMIC BACKGROUND
An undergraduate degree (UK 2:1 or equivalent) in economics, management, finance, marketing, science or engineering. Prior knowledge of econometrics is desirable, but not essential.

ENGLISH
IELTS: 6.5 (minimum of 5.5 in all sections)
TOEFL iBT: 90 (minimum of 21 in any skill)

C

CIVIL ENGINEERING (MSc)

ACADEMIC BACKGROUND
An undergraduate degree (UK 2:1 or equivalent) in a relevant field such as civil engineering or a related programme.

ENGLISH
IELTS: 6.5 (minimum of 5.5 in all sections)
TOEFL iBT: 90 (minimum of 21 in any skill)

COMPUTER SCIENCE (MRes)

ACADEMIC BACKGROUND
An undergraduate degree (UK 2:1 or equivalent) in a computer science-related discipline with suitable programming and programme design experience.

ENGLISH
IELTS: 6.0 (minimum of 5.0 in all sections)
TOEFL iBT: 80

E

ECONOMICS (MSc)

ACADEMIC BACKGROUND
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.

ENGLISH
IELTS: 6.5 (minimum of 5.5 in all sections)
TOEFL iBT: 90 (minimum of 21 in any skill)

ECONOMICS AND FINANCE (MSc)

ACADEMIC BACKGROUND
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.

ENGLISH
IELTS: 6.5 (minimum of 5.5 in all sections)
TOEFL iBT: 90 (minimum of 21 in any skill)

F

FINANCE (MSc)

ACADEMIC BACKGROUND
An undergraduate degree (UK 2:1 or equivalent) in finance, accounting, economics, management, science or engineering and some understanding in quantitative methods, statistics or econometrics.

ENGLISH
IELTS: 6.5 (minimum of 5.5 in all sections)
TOEFL iBT: 90 (minimum of 21 in any skill)

FINANCIAL MATHEMATICS (MSc)

ACADEMIC BACKGROUND
An undergraduate degree (UK 2:1 or equivalent) in a relevant field, such as mathematics, statistics, physics, engineering, computer science, finance and economics.

ENGLISH
IELTS: 6.5 (minimum of 5.5 in all sections)
TOEFL iBT: 90 (minimum of 21 in any skill)

FINANCIAL COMPUTING (MSc)

ACADEMIC BACKGROUND
An undergraduate degree (UK 2:1 or equivalent) in any discipline.

ENGLISH
IELTS: 6.0 (minimum of 5.0 in all sections)
TOEFL iBT: 80

I

THE IBSS MBA

ACADEMIC BACKGROUND
An undergraduate degree (UK 2:1 or equivalent) and a minimum of three years' full-time working experience.

ENGLISH
IELTS: 6.5 (minimum of 5.5 in all sections)
TOEFL iBT: 90 (minimum of 21 in any skill)

INTERNATIONAL MBA FOR EXECUTIVES

ACADEMIC BACKGROUND
The ideal candidate is a manager with eight years' work experience, some of which should be in a managerial position and an undergraduate degree (UK 2:1 or equivalent) in any discipline.

ENGLISH
IELTS: 6.5 (minimum of 5.5 in all sections)
TOEFL iBT: 90 (minimum of 21 in any skill)

INVESTMENT MANAGEMENT (MSc)

ACADEMIC BACKGROUND
An undergraduate degree (UK 2:1 or equivalent) in mathematics, finance, or a related subject. Or relevant work experience and a good knowledge of quantitative methods, statistics or financial mathematics.

ENGLISH
IELTS: 6.5 (minimum of 5.5 in all sections)
TOEFL iBT: 90 (minimum of 21 in any skill)

M

MANAGEMENT (MRes)

ACADEMIC BACKGROUND
An undergraduate degree (UK 2:1 or equivalent) in finance, accounting, economics, management, science or engineering.

ENGLISH
IELTS: 6.5 (minimum of 5.5 in all sections)
TOEFL iBT: 90 (minimum of 21 in any skill)

MANAGEMENT (MSc)

ACADEMIC BACKGROUND
An undergraduate degree (UK 2:1 or equivalent) in any discipline.

ENGLISH
IELTS: 6.5 (minimum of 5.5 in all sections)
TOEFL iBT: 90 (minimum of 21 in any skill)

MEDIA AND COMMUNICATION (MSc)

ACADEMIC BACKGROUND
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.

ENGLISH
IELTS: 7.0 (minimum of 6.0 in all sections)
TOEFL iBT: 100 (minimum of 21 in any skill)

**MOLECULAR
BIOSCIENCE (MRes)**

ACADEMIC BACKGROUND
An undergraduate degree (UK 2:1 or equivalent) in a life science-related discipline.

ENGLISH
IELTS: 6.0 (minimum of 5.0 in all sections)
TOEFL iBT: 80

**MULTIMEDIA
TELECOMMUNICATIONS (MSc)**

ACADEMIC BACKGROUND
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.

ENGLISH
IELTS: 6.0 (minimum of 5.0 in all sections)
TOEFL iBT: 80

**OPERATIONS AND SUPPLY
CHAIN MANAGEMENT (MSc)**

ACADEMIC BACKGROUND
An undergraduate degree (UK 2:1 or equivalent) in any discipline.

ENGLISH
IELTS: 6.5 (minimum of 5.5 in all sections)
TOEFL iBT: 90 (minimum of 21 in any skill)

**PROFESSIONAL
ACCOUNTING (MSc)**

ACADEMIC BACKGROUND
An undergraduate degree (UK 2:1 or equivalent) in accounting. It is advantageous, but not essential, to have completed the six ICAEW Certificate Level (CFAB) exams on entry. Those who have not completed CFAB will need to do so prior to seeking full membership in the ICAEW. Applicants who do not have the equivalent degree in accounting will also be considered if they have passed at least four CFAB exams or the equivalent. Applicants with a professional background rather than a degree need to demonstrate relevant working experience in an accounting or finance environment and will be considered case-by-case.

ENGLISH
IELTS: 6.5 (minimum of 5.5 in all sections)
TOEFL iBT: 90 (minimum of 21 in any skill)

PROJECT MANAGEMENT (MSc)

ACADEMIC BACKGROUND
Undergraduate degree (UK 2:1 or equivalent) in any discipline.

ENGLISH
IELTS: 6.5 (minimum of 5.5 in all sections)
TOEFL iBT: 90 (minimum of 21 in any skill)

S**SOCIAL
COMPUTING (MSc)**

ACADEMIC BACKGROUND
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.

ENGLISH
IELTS: 6.0 (minimum of 5.0 in all sections)
TOEFL iBT: 80

**SUSTAINABLE
CONSTRUCTION (MSc)**

ACADEMIC BACKGROUND
An undergraduate degree (UK 2:1 or equivalent) in a relevant field such as civil engineering or a related programme.

ENGLISH
IELTS: 6.5 (minimum of 5.5 in all sections)
TOEFL iBT: 90 (minimum of 21 in any skill)

**SUSTAINABLE ENERGY
TECHNOLOGY (MSc)**

ACADEMIC BACKGROUND
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.

ENGLISH
IELTS: 6.0 (minimum of 5.0 in all sections)
TOEFL iBT: 80

T**TESOL (MA)**

ACADEMIC BACKGROUND
An undergraduate degree (UK 2:1 or equivalent) in a relevant field such as English, linguistics, or education and literature. No teaching experience is required, but some relevant teaching experience at secondary or tertiary level would be an advantage.

ENGLISH
IELTS: 7.0 (minimum of 6.0 in all sections)
TOEFL iBT: 100 (minimum of 21 in any skill)

**TRANSDISCIPLINARY DESIGN
(MDes)**

ACADEMIC BACKGROUND
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.

ENGLISH
IELTS: 6.5 (minimum of 5.5 in all sections)
TOEFL iBT: 90 (minimum of 21 in any skill)

U**URBAN DESIGN (MSc)**

ACADEMIC BACKGROUND
An undergraduate degree (UK 2:1 or equivalent) in industrial design, engineering, architecture, urban planning and design, or another design-related discipline.

ENGLISH
IELTS: 6.5 (minimum of 5.5 in all sections)
TOEFL iBT: 90 (minimum of 21 in any skill)

URBAN PLANNING (MSc)

ACADEMIC BACKGROUND
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.

ENGLISH
IELTS: 6.5 (minimum of 5.5 in all sections)
TOEFL iBT: 90 (minimum of 21 in any skill)

NOTE:
FOR MOST PROGRAMMES, APPLICANTS WITH AN UNDERGRADUATE DEGREE IN OTHER RELEVANT SUBJECTS WILL BE CONSIDERED ON A CASE-BY-CASE BASIS.



**TO APPLY TO XJTLU,
YOU WILL NEED THE
FOLLOWING DOCUMENTS:**

- CERTIFICATES OF EDUCATION QUALIFICATIONS AND TRANSCRIPTS, TRANSLATED INTO ENGLISH
- CERTIFICATES OF ENGLISH LANGUAGE QUALIFICATIONS SUCH AS IELTS, TOEFL OR OTHER ACCEPTABLE ENGLISH QUALIFICATIONS (AS REQUIRED)
- TWO REFERENCES (AT LEAST ONE OF THESE SHOULD BE LINKED TO YOUR ACADEMIC BACKGROUND)
- SCAN OF YOUR PASSPORT/ID
- SCHOLARSHIP APPLICATION (OPTIONAL)

THE CLOSING DATE FOR APPLICATIONS (FOR SEPTEMBER 2016 ENTRY)
30 JUNE 2016 (INTERNATIONAL STUDENTS)
31 JULY 2016 (FOR CHINESE NATIONALS)

WE ENCOURAGE YOU TO SUBMIT YOUR APPLICATION WELL BEFORE THIS DATE.

NOTE: FOR PART-TIME PROGRAMMES CLOSING DATES, PLEASE REFER TO THE RELEVANT PROGRAMME PAGE ON OUR WEBSITE.

PHD APPLICATIONS MAY BE SUBMITTED AT ANY TIME.



INFO
 FOR MORE INFORMATION ABOUT ADMISSION, PLEASE VISIT
www.xjtlu.edu.cn/en/masters
pgenquiries@xjtlu.edu.cn

+86 (0)512 8816 1889 (International students)
 +86 (0)512 8816 7111 (Chinese students)

CHECKLIST



CONTACT US

www.xjtlu.edu.cn
pgenquiries@xjtlu.edu.cn

International applicants:
+86 (0)512 8816 1889

Chinese applicants:
+86 (0)512 8816 7111

FIND US ON SOCIAL MEDIA



FACEBOOK



INSTAGRAM



LINKEDIN



YOUTUBE



WEIBO



YOUKU



WECHAT





Xi'an Jiaotong-Liverpool University

西交利物浦大学