



Xi'an Jiaotong-Liverpool University

西交利物浦大學

Suzhou, China

# *Prospectus 2012*

**Visiting, Exchange and  
Chinese Language Students**



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## President's Foreword

Executive President

With the strong impact of the global financial crisis during the last 4 years, China and its market have become increasingly significant on the global stage and captured even greater attention. The number of foreign people trying to understand China, to learn Chinese culture and explore the vast range of opportunities presented by a resurgent China seems to be growing at a phenomenal rate. However, many foreigners coming to China, especially younger people preparing to spend significant parts of their career here, have to face a big challenge — mastering the Chinese language. As Chinese is considered one of the most difficult languages in the world, it may take a long time for foreign people to learn and master Chinese before they are able to use it to understand and develop their career in China. Fortunately as an international university in China - Xi'an Jiaotong-Liverpool University (XJTLU) - can serve as your gateway to China, giving you a wonderful introduction to life in this country and allowing you the opportunity to explore the abundant opportunities available.

XJTLU's notable achievements, brought by the unremitting efforts of staff and students, have won wide acclaim from students, their parents and people at all levels of

Chinese society. Our student population has expanded from 164 in 2006 to near 5,800 in 2011. 97% of our first cohort of graduates and 90% of our second cohort of graduates continue their academic study at the postgraduate level at prestigious institutions such as Oxford, Cambridge, Imperial College, Liverpool, Columbia, Cornell and many other world ranked universities. We are extremely proud of the excellent standards achieved by our recent graduates.

XJTLU is a distinctive university and is uniquely positioned to bring you an exceptional experience studying in China. In addition to the courses you take, you will be given the opportunity to explore China, Chinese language, Chinese culture and career opportunities in China. We warmly welcome you to join us at XJTLU, to develop your skills, enhance your international experience and also to display your brilliance on an ever-broader global stage.

We sincerely look forward to welcoming you to our university.

**Professor Youmin Xi**  
Executive President



# China



## Culture and language

China is one of the oldest and most culturally enriched countries in the world dating back to approximately 2,500 BC. Iconic symbols such as the Great Wall, Xi'an's Terracotta Warriors and Suzhou's ancient gardens stand as constant reminders of China's illustrious past and encapsulate the spirit of Confucianism within China's thriving, culturally diverse society. These are just some of the reasons why China is a historically fascinating and socially engaging place to study abroad. Mandarin is the official language of China, although provinces also have their own local dialect. During your study or placement you will get the opportunity to learn this exciting language.

## Opportunities

China has become the world's fastest growing economy and its global links bring more opportunities for overseas students.

Studying in China will give you the unique edge employers are looking for as it is home to so many fortune 500 companies that can offer many exciting working opportunities for students and graduates. Within its already booming industry this will undoubtedly teach students in China new skills and provide the essential experience they require to become successful in their future career.

## Location

Located in East Asia, China has the advantage of being geographically closer to many other interesting countries. With over 500 airports located throughout China, short visits to historical landmarks or a tropical island are possible and countries such as Vietnam, Thailand, India and South Korea can be visited for relatively low cost. So if travel interests you, not only does China itself offer a wealth of attractions but it is also well situated to visit a number of other countries in the region.

# Suzhou

Built in 514BC, with a history of more than 2,500 years, Suzhou still stands on the location of its original establishment during the Spring and Autumn Period (770BC – 676BC). Known as the "Land of Fish and Rice" and as the "Silk Capital", Suzhou is one of China's "24 Cultural and Historical Cities". Suzhou is world-renowned for its classical Chinese gardens, nine of which are listed as UNESCO World Heritage Sites, as well as its network of canals which have led to some calling Suzhou the "Venice of the East".

Suzhou is divided into three areas: The old city of Suzhou, Suzhou Industrial Park (SIP) and Suzhou New District (SND). The city of Suzhou, with its surrounding towns, has a population in excess of 6 million, with around 30,000 foreign living mainly in the SIP and SND areas of the city. The greater Suzhou area has the 4th highest GDP in China, behind only the major cities of Beijing, Shanghai and Shenzhen.



# Suzhou Industrial Park

SUZHOU INDUSTRIAL PARK (SIP) is the largest cooperative project between the Chinese and Singaporean Government, founded and certified by the state council of China in February 1994. During the past decade, SIP has witnessed rapid growth and has become the most competitive industrial development zone in China, home to some 3,200 foreign investment firms including over hundred Fortune 500 companies. Built around the shores of Jinji Lake, SIP is an ultra-modern district with excellent shopping, dining, parks, residential areas and entertainment facilities, such as those located in Ligongdi, Times Square, Moon Harbour and Rainbow Walk. SIP has its own train station which connects to Shanghai and Nanjing via the new High Speed Rail Network.



“ It has been a long road with many challenges and excitement, but the goal was achieved. Through my effort I have thrived and found my place here in China. This is a country full of possibilities, with an unbelievable growth rate as well as excellence in the formation of great professionals. Here in Suzhou you will find great comfort from a university in which the language of instruction is English and have the opportunity to learn Mandarin Chinese. Furthermore, you will learn from the top quality staff at XJTLU, as well as have the security of support staff who will aid you in your needs. You have a unique opportunity to be swept by a millenary culture and get to know the two faces of China, its technological and historical side living together as unit. Therefore, I would advise you Carpe diem, or even better carpe omnia why seize the day when you can seize it all. Take this opportunity to live, breath and be mesmerized by the greatness of China. ”

*Matheus Stephen N. Chaves (visiting student from Brazil)*



## Modern day Suzhou

Suzhou is one of China's most historically interesting and culturally dynamic, modern cities. Along with its rich history, the prominence of large companies within SIP has brought with it a rapid growth in the foreigner/expat community.

## Benefits of living in Suzhou

### Lower living costs

Although Suzhou is geographically close to the cosmopolitan city Shanghai it does not share the same cost of living. Suzhou has the benefit of having significantly cheaper accommodation costs without sacrificing its high standard of living; this makes it a very cost effective place to work or study for all internationals.

*Accommodation fee: around 1,400-2,100RMB (per month)*

*Canteen: around 10RMB per meal  
Typical Chinese restaurant: around 50RMB per person*

*McDonald's/KFC: 20-30RMB per meal*

### Caters both Chinese and Western Cuisine

Suzhounese cuisine is very famous throughout Jiangsu province; it is typically sweeter and more colourful than in other regions. However Suzhou caters for all tastes and places such as “Times Square” and “Incite” have many western food chains such as KFC, McDonalds, Starbucks, and Subway.

### Vibrant social scene

Within the Higher Education Town there are many activities that can be enjoyed after work or study. Dushu Lake Sports Centre is a great

way to keep fit with a **gym, swimming pool, indoor climbing wall and bowling**. Behind the sports center is the Cinema that has both Chinese and Western movies on show both during the week and weekends. For some great bars and clubs, places such as “Li Gong Di” and “ShiQuan Jie” are not to be missed, you can get some great drinks deals and meet other expats.

### Excellent Transport links

#### Airport

The city is located a mere 80km from Shanghai, making air transportation a convenient way of travelling other areas of China. **Every day shuttle buses run between the two airports Shanghai and Suzhou.**

#### High Speed trains

There are plenty of high speed trains between Suzhou and Shanghai, roughly 132 trains per day from early 6:30 am—22:00pm. You can take the High speed train for the cost of around 40 RMB in a short 30mins from Suzhou to Shanghai.

#### Regular Buses

Buses around Suzhou are reliable, frequent and inexpensive, this makes commuting to work or university each day very easy.

*Around SEID campus: Take the free bus 888  
City buses: For all places downtown, you can take bus 178, 146, 142 from XJTLU bus stop.*



## Dushu Lake Science, Innovation and Education District (SEID)

SEID is located directly the south of SIP, on the eastern banks of Dushu Lake. Xi'an Jiaotong - Liverpool University is located in this thriving centre for innovation, which is well connected to SIP and the Old City via public transport. SEID is home to many universities, research centres and laboratories, with a bustling student community and its own range of facilities including library, bowling alley, cinema, church, restaurants and sports facilities.

In addition to the large number of universities located in SEID, the area also incorporates BioBay and the Creative Industry Park, where hi-tech industries are supported in such areas as biomedicine, nanotechnology, integrated communication, software design, outsourcing services, animation and digital media.



## Xi'an Jiaotong-Liverpool University

XJTLU is a Sino-British joint-venture university established in 2006 between Xi'an Jiaotong University and the University of Liverpool.

### Modules are offered by the following departments and centres:

- Department of Architecture
- Department of Chemistry
- Department of Biological Sciences
- Department of Business, Economics and Management
- Department of Civil Engineering
- Department of Computer Science and Software Engineering
- Department of Electrical and Electronic Engineering
- Department of Languages and Culture
- Department of Mathematical Sciences
- Department of Urban Planning and Design
- English Language Centre (including the Chinese Language Teaching Team)
- Mathematics and Physics Centre

### Excellence in learning and teaching, both in Chinese and British styles

- Subject modules closely linked to the latest developments in their field
- Rigorous quality assurance and monitoring systems established in line with the requirements of the British Quality Assurance Agency (QAA)
- Personal Tutorial system
- Interactive, small class teaching in language modules

### International teaching and learning environment

- Over 250 academic members from over 25 countries
- A growing number of overseas students from over ten different countries
- All modules at levels 1-3 use English as the medium of instruction



### Industry links

XJTLU's location next to SIP allows collaboration with a range of companies and gives our students the opportunity to interact with professionals in a number of ways, whether it is through our external mentoring system, through site visits to research laboratories and engineering construction sites, or for invaluable work placements in a variety of fields. The University also liaises with companies through an Industrial Advisory Board to further enhance teaching and research.



# International Community



Intercom was started in 2010-11 by a group of international students who wanted to make a valuable contribution to the International Community at XJTLU. A fully English-speaking society, Intercom provides an environment in which International students can come together in a social setting and work together to break down the social and cultural barriers in order to establish a thriving multicultural community here at XJTLU. Although a fairly new society, Intercom has already hosted many successful events which have included the

Dare to be Dirty Sports Day and Intercom Welcome Party 2011-12. With over 70 international students registered to study at XJTLU in 2011-12, Intercom aims to continue to grow as the main programme to which International Students look up to as well as providing an ideas incubator to help such students to develop other Student Associations.



## Visiting Students, University of Liverpool Exchange Students, and Intensive Mandarin Chinese Study Students

University teaching begins in September and continues until June. The academic year is divided into two semesters, which consist of 14 teaching weeks (including a reading week for mid-term examinations), followed by final examinations.

### Visiting Students

Visiting students are enrolled in a degree programme in their home institution, and seek the opportunity to study abroad in China for one or two semesters.

#### You have the option to study at XJTLU for:

- The whole academic year (full year) - September to June (applications due in July)
- Semester 1 only - September to January (applications due in July)
- Semester 2 only - February to June (applications due in November)

Visiting students may take 20-25 credits overall per semester. You may choose modules at Level 1 or Level 2 (Year1 or Year2).

As part of your overall credits, you may also choose one 5 or 10 credit Mandarin Chinese Language module per semester (depending on your Mandarin level).

### University of Liverpool Exchange Students

University of Liverpool Exchange Students are registered onto a degree programme which normally mirrors the programme offered at the University of Liverpool. University of Liverpool Students can contact the Student Exchanges Team (see page 26 for full details)

for a current list of eligible programmes.

You will study for one or two semesters, during your penultimate year of your degree (XJTLU Level 2). The programme you study at XJTLU will be a direct transfer from your programme at the University of Liverpool. Your study abroad is subject to approval by the University of Liverpool.

You will have the option to study 5 credits per semester of Mandarin Chinese Language.

### Intensive Mandarin Chinese Study Students

You may study for a total of 10 XJTLU credits per semester, at your appropriate level of Mandarin Chinese (Beginner, Intermediate, or Advanced).

The delivery of Chinese courses is interactive and "hands-on" with a focus on stimulating activities so that you experience the language as you would in real life situations. The modules emphasize listening, speaking, reading and writing, enabling students to learn Chinese language and culture in an all-round way.

You will be assigned a Chinese language partner to help enhance your learning and you are encouraged to do as much self-study as possible (a minimum of 10 hours a week). Chinese Language Students will also be involved in various cultural learning and optional field trips.

“Getting the opportunity to join XJTLU for 10 months after completing the second year of my Law degree was simply something I could not pass up on. The thought of becoming part of an exciting, new and innovative university appealed to me in every sense and since arriving in Suzhou I have been far from disappointed. Suzhou itself is a wonderful city, rich in culture yet catering especially well for its large western expat community, so for me there is always something to do, whether it is playing football in the Blue Marlin tournament, practicing my Chinese as I get my groceries from Auchan, or generally socializing with friends around Li Gong Di, there is never a dull moment.

XJTLU's location and rapid growth itself is a microcosmic representation of China's worldwide presence. The Higher Education Town reflects how China has adapted to western culture with Times Square being the epicentre of this transition. SIP highlights China's booming economy and rapidly growing industry with its many fortune 500 companies. For me this is an exciting time to be in China and at XJTLU the opportunities are endless for us students. All the staff here from lecturers, ELC tutors and support staff are all on hand to help us achieve our future career aspirations, whilst having a bit of fun along the way. ”

*Danny McAfee (UOL work placement student)*



## Admissions requirements

Students at a recognised higher education institution are welcome to apply to XJTLU as a Visiting Student, taking modules for one or two semesters before returning to their home institution.

### Visiting students

Normally, you must:

- have completed one to two years of studies at the university level
- have achieved the equivalent of a US 3.0 GPA (grade point average) or UK 2:1 class

In the case of Intensive Mandarin Chinese Study students, you should have successfully completed high school and provide evidence of your grades.

### University of Liverpool exchange students

You need to pass all of your Semester 1 exams, as well as achieve the approved average mark set by your department, to receive a conditional offer to study abroad. The average is usually 60%, but the minimum is set by each department and varies from 55%-70%. The Student Exchanges Team can confirm the academic requirements for your degree programme. You must pass all exams and maintain this average in your Semester 2 exams in order to receive final approval to go on exchange.

### English Language

Non-native English speakers – who are not currently enrolled at a university where all instruction is in English – will be required to demonstrate sufficient English language ability in order to be accepted for study at XJTLU. Various English qualifications are accepted, including but not exclusive to IELTS (6.5) and TOEFL (570 paper-based or 88 iBT). Certain departments may have additional language requirements.

### Additional notes

Visiting Students normally choose modules related to the degree programme at the home university. You will be required to provide your transcript showing your modules and grades that you have taken or are currently taking.

It is strongly advised that you discuss your module choices with your home university's Study Abroad Advisor and ensure that credit transfer to your home university is agreed prior to submitting a formal application to XJTLU

*XJTLU may request further information, documents or an interview, depending on your choice of modules. Applications are considered on a case-by-case basis and will be subject to approval by the relevant department(s).*

# Mandarin Chinese Language

Here is a sample description for a 5-credit Mandarin Chinese module. For a full description of all Mandarin Chinese modules including intensive Mandarin Chinese, please refer to our module catalogue.

## CLT001 – Mandarin Chinese Part 1 (5 XJTLU Credits per level)

This module provides an introduction to Chinese language delivered through five hours per week contact time with teachers from our Chinese Language Teaching Team.

Upon completion of this course, students will be able to:

- be familiar with 600 Chinese words
- be able to recognise and write 150 Chinese characters
- be capable of communicating in Chinese on basic topics such as greeting, family and shopping
- be able to write a 40 to 60 word essay in Chinese characters
- meet the New HSK Level 1

## Mandarin language FAQ's

### How much extra study will be required?

Mandarin is a demanding language. In order to effectively learn Mandarin Chinese, you should try to study and revise regularly. We expect you to study a minimum extra 5 hours per week.

### What is "Language Exchange"?

Language Exchange is a popular method where Chinese and English speaking students get together to help each other with language difficulties. A fellow Chinese student at XJTLU will help you with learning Mandarin, while you can help the student improve their English language skills. XJTLU has a Buddy Programme to ensure that international students have a fellow Chinese student to contact in case of any problems, in addition to the University's Student Affairs Office. For Chinese Language Students, it is compulsory to have a Chinese Language Partner.

# Module list

For the latest and full module information, including aims, assessment, methods and syllabus, check the online module catalogue at [www.xjtlu.edu.cn/en/admissions/undergraduate/modules](http://www.xjtlu.edu.cn/en/admissions/undergraduate/modules). The modules listed on your application serve only as a guide. There is no guarantee that you will be able to register in the modules of your choice. Your choice is subject to:

- Availability in the timetable
- Available space in the class
- Approval of the XJTLU department that offers the module, based on your evidence of adequate academic preparation for the module

## Mandarin Chinese Language

Part	Module Code	Prerequisite	Module Title	XJTLU Credit
1	CLT001	N/A	Mandarin Chinese Part 1	5
2	CLT002	CLT001 (or equivalent)	Mandarin Chinese Part 2	5
3	CLT003	CLT002 (or equivalent)	Mandarin Chinese Part 3	5
4	CLT004	CLT003 (or equivalent)	Mandarin Chinese Part 4	5
5	CLT005	CLT004 (or equivalent)	Mandarin Chinese Part 5	5
6	CLT006	CLT005 (or equivalent)	Mandarin Chinese Part 6	5
~	CLT011	Evidence of Mandarin ability required if above Beginner level	Intensive Mandarin Chinese (semester 1)	10
~	CLT012	Evidence of Mandarin ability required if above Beginner level	Intensive Mandarin Chinese (semester 2)	10

## Business modules by academic discipline

Marketing				
Level	Semester	Module Code	Module Title	XJTLU Credit
1	1	ECO109	Principles of Microeconomics	5
		MAN101	Fundamentals of Marketing	5
		MAN105	Introduction to Organisation and Management	5
		MAN107	Managing Across Borders	5
	2	ACF108	Introduction to Finance	5
		MAN102	Consumer Behaviours	5
		MAN106	Integrated Marketing Communications	5
		MAN112	Introduction to International Business and Management	5

The modules are for academic year 2011-12; subject to change without notice. Check the XJTLU website for up-to-date list.





2	1	MAN201	Corporate Social Responsibility	5
		MAN203	E-Business Systems	5
		MAN211	International Management	5
		MAN219	Theory of the Firm	5
	2	MAN206	e-Marketing: Strategies and Techniques	5
		MAN208	Entrepreneurship	5
		MAN218	Market Research	5
		MAN224	Services Marketing	5

### Business modules by academic discipline

Economics				
Level	Semester	Module Code	Module Title	XJTLU Credit
1	1	ECO109	Principles of Microeconomics	5
		MAN101	Fundamentals of Marketing	5
		MAN105	Introduction to Organisation and Management	5
		MAN107	Managing Across Borders	5
		ACF105	Introduction to Financial Accounting and Accountability	5
		ECO111	Quantitative Methods for Accounting and Finance	5
	2	ACF108	Introduction to Finance	5
		ACF114	Introduction to Managerial Accounting	5
		ECO118	Maths for Economics and Business	5
		ECO120	Principles of Macroeconomics	5
		MAN102	Consumer Behaviours	5
		MAN106	Integrated Marketing Communications	5
		MAN112	Introduction to International Business and Management	5
2	1	ECO205	Econometrics I	5
		ECO213	Macroeconomics I	5
		ECO217	Microeconomics I	5
		MAN201	Corporate Social Responsibility	5
		MAN211	International Management	5
	2	ACF210	Financial Management	5
		ACF214	International Finance	5
		ECO216	Macroeconomics II	5
		ECO220	Microeconomics II	5
		MAN212	International Development	5
		MAN218	Market Research	5
		ECO214	Econometrics II	5

Human Resource Management				
Level	Semester	Module Code	Module Title	XJTLU Credit
	1	MAN101	Fundamentals of Marketing	5
		MAN105	Introduction to Organisation and Management	5
		MAN107	Managing Across Borders	5
		ACF105	Introduction to Financial Accounting and Accountability	5
	2	ACF108	Introduction to Finance	5
		MAN102	Consumer Behaviours	5
		MAN110	Introduction to Human Resource Management	5
		MAN116	Managing the Employment Relationship	5
		MAN112	Introduction to International Business and Management	5

### Business modules by academic discipline

Business Administration				
Level	Semester	Module Code	Module Title	XJTLU Credit
1	1	MAN101	Fundamentals of Marketing	5
		MAN105	Introduction to Organisation and Management	5
		ACF105	Introduction to Financial Accounting and Accountability	5
		ECO111	Quantitative Methods for Accounting and Finance	5
		ACF114	Introduction to Managerial Accounting	5
	2	ECO104	Economic Principles for Business and Markets	5
		MAN110	Introduction to Human Resource Management	5
		MAN122	Principles of Operations	5

Information Management Systems				
Level	Semester	Module Code	Module Title	XJTLU Credit
1	1	ACF103	Introduction to Financial Accounting	5
		CSE103	Introduction to Databases	5
		CSE105	Introduction to Programming in Java	5
		MTH105	Mathematical Reasoning, Logic and Problem Solving	5
		ACF108	Introduction to Finance	5
	2	CSE106	Algorithmic Foundations and Problem Solving	2.5
		CSE110	Human-Centric Computing	5
		ECO104	Economic Principles for Business and Markets	5
		MTH104	Introduction to Statistics	2.5
2	1	CSE201	Database Development and Design	5
		CSE207	Software Engineering I	5

2	MAN201	Corporate Social Responsibility	5
	MAN203	E-Business Systems	5
	ACF210	Financial Management	5
	ACF222	Securities Markets	5
	CSE208	Software Engineering Group Project	5
	MTH202	Introduction to Financial Mathematics	5

### Finance modules by academic discipline

Accounting				
Level	Semester	Module Code	Module Title	XJTLU Credit
1	1	ACF103	Introduction to Financial Accounting	5
		MAN101	Fundamentals of Marketing	5
		MAN105	Introduction to Organisation and Management	5
		ECO111	Quantitative Methods for Accounting and Finance	5
	2	ACF108	Introduction to Finance	5
		ACF114	Introduction to Managerial Accounting	5
		ECO104	Economic Principles for Business and Markets	5
		MAN102	Consumer Behaviours	5
		MAN112	Introduction to International Business and Management	5
2	1	ACF207	Elements of Law	5
		ACF209	Financial Reporting	5
		ACF215	Management Accounting	5
		MAN201	Corporate Social Responsibility	5
	2	ACF202	Accounting Theory	5
		ACF204	Commercial Law	5
		ACF210	Financial Management	5
		ACF214	International Finance	5
		ACF222	Securities Markets	5
		MAN212	International Development	5
		MAN218	Market Research	5
		MAN224	Services Marketing	5

### Finance modules by academic discipline

Financial Mathematics				
Level	Semester	Module Code	Module Title	XJTLU Credit
1	1	ACF103	Introduction to Financial Accounting	5
		ECO109	Principled of Microeconomics	5
		MAN105	Introduction to Organisation and Management	5
		MTH103	Foundations of Financial Computing	2.5
		MTH105	Mathematical Reasoning, Logic and Problem Solving	5
	2	ACF108	Introduction to Finance	5
		ECO120	Principles of Macroeconomics	5
		MTH104	Introduction to Statistics	2.5
	2	MTH106	Introduction to the Methods of Applied Mathematics	5
2	1	ECO205	Econometrics I	
		MAN201	Corporate Social Responsibility	5
		MTH203	Operational Research: Probabilistic Models	5
	2	MTH205	Sampling and Hypothesis Testing	5
		ACF210	Financial Management	5
		ACF222	Securities Markets	5
		MTH202	Introduction to Financial Mathematics	5
		MTH206	Statistical Distribution Theory	5

### Science modules by academic discipline

Applied Mathematics				
Level	Semester	Module Code	Module Title	XJTLU Credit
1	1	CSE105	Introduction to Programming in Java	5
		MTH103	Foundations of Financial Computing	2.5
		MTH107	Linear Algebra	5
		MTH109	Real Analysis	5
		MTH111	Mathematical Modelling	2.5
	2	MTH104	Introduction to Statistics	2.5
		MTH106	Introduction to the Methods of Applied Mathematics	5
		MTH110	Complex Functions	5
		MTH112	Mathematical Modelling of Population Dynamics	2.5
		MTH114	Discrete Mathematics	5



## Science modules by academic discipline

## Biological Sciences

Level	Semester	Module Code	Module Title	XJTLU Credit
1	1	BIO101	Biodiversity of Animals, Plants and Microbes	5
		BIO103	Cell Structure and Function	2.5
		BIO105	Chemical Principles of Life	2.5
		BIO107	Introduction to Biochemistry	5
		BIO109	Introduction to Evolution and Genetics	5
		BIO111	Key Skills for Life Scientists	2.5
		BIO102	Biochemical Methods and Analysis	5
	2	BIO104	Molecular Biology: Principles and Techniques	5
		BIO106	The Biology of Microbes	2.5
		MTH104	Introduction to Statistics	2.5
		BIO108	Organic Chemistry for Biologists	2.5
2	1	BIO201	Genome Expression and Maintenance	5
		BIO203	Microbiology	5
		BIO205	Molecular and Cell Biology Techniques	5
		BIO207	Proteins in Action	2.5
		BIO209	Higher Organic Chemistry for Biologist	2.5
	2	BIO202	Advanced Biochemical Methods and Computational Biology	5
		BIO204	Advanced Genetics	5
		BIO206	Bioinformatics	2.5
		BIO208	Cell Signalling	2.5
		BIO210	Microbial Biotechnology	2.5
		BIO212	Structure and Dynamics of Biomolecules	2.5

## Applied Chemistry

Level	Semester	Module Code	Module Title	XJTLU Credit
1	1	BIO103	Cell Structure and Function	2.5
		BIO107	Introduction to Biochemistry	5
		BIO111	Key Skills for Life Scientists	2.5
		CHE101	Introductory Organic Chemistry	5
		CHE103	Introductory Inorganic Chemistry	5
	2	BIO102	Biochemical Methods and Analysis	5
		CHE101	Introductory Organic Chemistry	5
		CHE102	Introductory Spectroscopy	5
		CHE106	Introductory Physical Chemistry	5

The modules are for academic year 2011-12; subject to change without notice. Check the XJTLU website for up-to-date list.

Level	Semester	Module Code	Module Title	XJTLU Credit
2	1	CHE201	Intermediate Organic Chemistry	5
		CHE203	Keys Skills in Chemistry	5
		CHE205	Basic Biology for Nanotechnology	5
		CHE207	Preparative Chemistry: Synthesis and Characterisation	5
	2	CHE202	Intermediate Physical Chemistry	5
		CHE204	Intermediate Inorganic Chemistry	5
		CHE206	Measurements in Chemistry	5
		CHE208	Introduction to Medicinal Chemistry	2.5
		CHE210	Inorganic Applications of Group Theory	2.5

## Science modules by academic discipline

## Electronic Science and Technology

Level	Semester	Module Code	Module Title	XJTLU Credit
1	1	EEE101	C Programming & Software Engineering (I)	5
		EEE103	Electrical Circuits (I)	5
		EEE105	Electronic Circuits – Transistors	2.5
		EEE107	Experimental Skills and Sustainability	2.5
		MTH101	Engineering Mathematics (I)	5
		EEE102	C++ Programming & Software Eng. (II)	2.5
		EEE104	Digital Electronics (I)	2.5
	2	EEE106	Electronic Circuits – Amplifiers	2.5
		EEE108	Engineering Electromagnetism and Drives	5
		EEE110	Experimental Skills, group projects	2.5
		EEE112	Integrated Electronics and Design	2.5
		MTH102	Engineering Mathematics (II)	2.5
		EEE201	CMOS Integrated Circuits	2.5
		EEE203	Continuous and Discrete Time Signals and Systems I	2.5
		EEE205	Digital Electronics (II)	2.5
2	1	EEE207	Electrical Circuits (II)	2.5
		EEE209	Electromagnetics	2.5
		EEE211	Electronic Circuits and Systems	5
		MTH201	Engineering Mathematics (III)	2.5
		EEE202	Analogue and Digital Communications (I)	2.5
		EEE204	Continuous and Discrete Time Signals and Systems (II)	2.5
		EEE206	Control Systems	2.5
		EEE210	Energy Conversion and Power Systems	2.5

The modules are for academic year 2011-12; subject to change without notice. Check the XJTLU website for up-to-date list.

Level	Semester	Module Code	Module Title	XJTLU Credit
2	2	EEE212	Industrial awareness and Group Project	2.5
		EEE214	Instrumentation	2.5
		EEE216	Microprocessor Systems	2.5
		EEE218	RF Engineering and Applied Electromagnetics	2.5

## Computer Science and Technology

Level	Semester	Module Code	Module Title	XJTLU Credit
1	1	CSE101	Computer Systems	5
		CSE105	Introduction to Programming in Java	5
		EEE103	Electrical Circuits (I)	5
		EEE105	Electronic Circuits – Transistors	2.5
		MTH101	Engineering Mathematics (I)	5
	2	CSE103	Introduction to Databases	5
		CSE106	Algorithmic Foundations and Problem Solving	2.5
		EEE104	Digital Electronics (I)	2.5
		EEE106	Electronic Circuits – Amplifiers	2.5
		EEE112	Integrated Electronics and Design	2.5
2	1	MTH102	Engineering Mathematics (II)	2.5
		CSE201	Database Development and Design	5
		CSE207	Software Engineering I	5
		EEE203	Continuous and Discrete Time Signals and Systems I	2.5
		EEE205	Digital Electronics (II)	2.5
		EEE211	Electronic Circuits and Systems	5
	2	CSE206	Computer Systems and Their Implementation	5
		CSE210	Advanced OO Programming	5
		EEE202	Analogue and Digital Communications (I)	2.5
		EEE204	Continuous and Discrete Time Signals and Systems (II)	2.5
		EEE206	Control Systems	2.5
		EEE212	Industrial awareness and Group Project	2.5
		EEE214	Instrumentation	2.5
		EEE216	Microprocessor Systems	2.5

## Engineering modules by academic discipline

## Electrical Engineering

Level	Semester	Module Code	Module Title	XJTLU Credit
1	1	EEE101	C Programming & Software Engineering (I)	5
		EEE103	Electrical Circuits (I)	5
		EEE105	Electronic Circuits – Transistors	2.5
		EEE107	Experimental Skills and Sustainability	2.5
		MTH101	Engineering Mathematics (I)	5
	2	EEE102	C++ Programming & Software Eng. (II)	2.5
		EEE104	Digital Electronics (I)	2.5
		EEE106	Electronic Circuits – Amplifiers	2.5
		EEE108	Engineering Electromagnetism and Drives	5
		EEE110	Experimental Skills, group projects	2.5
		EEE112	Integrated Electronics and Design	2.5
		MTH102	Engineering Mathematics (II)	2.5
2	1	EEE203	Continuous and Discrete Time Signals and Systems I	2.5
		EEE205	Digital Electronics (II)	2.5
		EEE207	Electrical Circuits (II)	2.5
		EEE209	Electromagnetics	2.5
		EEE211	Electronic Circuits and Systems	5
		EEE213	Power Electronics and Electromechanics	2.5
		MTH201	Engineering Mathematics (III)	2.5
	2	EEE202	Analogue and Digital Communications (I)	2.5
		EEE204	Continuous and Discrete Time Signals and Systems (II)	2.5
		EEE206	Control Systems	2.5
		EEE208	Drives and Relays	2.5
		EEE210	Energy Conversion and Power Systems	2.5
		EEE212	Industrial awareness and Group Project	2.5
		EEE214	Instrumentation	2.5
		EEE216	Microprocessor Systems	2.5



## Telecommunications Engineering

Level	Semester	Module Code	Module Title	XJTLU Credit
1	1	EEE101	C Programming & Software Engineering (I)	5
		EEE103	Electrical Circuits (I)	5
		EEE105	Electronic Circuits – Transistors	2.5
		EEE107	Experimental Skills and Sustainability	2.5
		MTH101	Engineering Mathematics (I)	5
	2	EEE102	C++ Programming & Software Eng. (II)	2.5
		EEE104	Digital Electronics (I)	2.5
		EEE106	Electronic Circuits – Amplifiers	2.5
		EEE108	Engineering Electromagnetism and Drives	5
		EEE110	Experimental Skills, group projects	2.5
		EEE112	Integrated Electronics and Design	2.5
		MTH102	Engineering Mathematics (II)	2.5
	2	EEE201	CMOS Integrated Circuits	2.5
		EEE203	Continuous and Discrete Time Signals and Systems I	2.5
		EEE205	Digital Electronics(II)	2.5
		EEE207	Electrical Circuits (II)	2.5
		EEE209	Electromagnetics	2.5
		EEE211	Electronic Circuits and Systems	5
		MTH201	Engineering Mathematics (III)	2.5
		EEE202	Analogue and Digital Communications (I)	2.5
		EEE204	Continuous and Discrete Time Signals and Systems (II)	2.5
		EEE206	Control Systems	2.5
2	1	EEE210	Energy Conversion and Power Systems	2.5
		EEE212	Industrial awareness and Group Project	2.5
		EEE214	Instrumentation	2.5
		EEE216	Microprocessor Systems	2.5
		EEE218	RF Engineering and Applied Electromagnetics	2.5

## Built Environment modules by academic discipline

## Civil Engineering

Level	Semester	Module Code	Module Title	XJTLU Credit
1	1	CEN101	Design for Engineers	5
		CEN103	Solids and Structures	5
		MAN105	Introduction to Organisation and Management	5
		MTH101	Engineering Mathematics (I)	5

The modules are for academic year 2011-12; subject to change without notice. Check the XJTLU website for up-to-date list.

Level	Semester	Module Code	Module Title	XJTLU Credit
1	2	CEN102	Fluid Mechanics	5
		CEN104	Geology and Soil Mechanics 1	5
		CEN106	Introduction to Materials	5
		CEN108	Surveying	5
2	1	CEN201	Construction Methods	2.5
		CEN203	Engineering Structures	5
		CEN205	Hydraulics	5
		CEN207	Construction Materials	2.5
		CEN209	Soil Mechanics 2	2.5
		CEN211	Urban Transport	2.5
	2	CEN202	Civil Engineering Project Management	2.5
		CEN204	Reinforced Concrete and Steelwork	5
		CEN208	Integrated Design	5
		CEN210	Water Resources (Supplies)	2.5
		MTH204	Numerical Methods and Probability	5

## Civic Design

Level	Semester	Module Code	Module Title	XJTLU Credit
1	1	CDE101	Issues and practice of planning in China I	5
		CDE103	History and Purpose of Planning I	5
		CDE105	Urban & Environmental Economics	5
		CDE107	Town and country planning processes and procedures	5
	2	CDE106	Issues and practice of planning in China II	5
		CDE102	Contemporary Planning Practice in Western Europe and the USA	5
		CDE104	History and Purpose of Planning II	5
		CDE108	Skills for planning practice	5
2	1	CDE201	Environmental sustainability I	5
		CDE203	Networks and cities	5
		CDE205	Planning methodology	5
		CDE207	Spatial design and the built environment I	5
	2	CDE202	Environmental Sustainability II	5
		CDE204	Geographic information systems	5
		CDE206	Projecting and managing urban futures	5
		CDE208	Spatial design and the built environment II	5

The modules are for academic year 2011-12; subject to change without notice. Check the XJTLU website for up-to-date list.

## Architecture

Level	Semester	Module Code	Module Title	XJTLU Credit
1	1	ARC101	Design Thinking and Articulation	5
		ARC103	Introduction to Environmental Science	5
		ARC105	Small Space Design	5
		ARC107	History of Western Architecture	5
	2	ARC102	Small Scale Architectural Design	10
		ARC104	Structure and Construction	5
		ARC106	The Built Environment: Context, Planning and Management	5
2	1	ARC201	Environmental Design and Sustainability	5
		ARC203	History of Asian Architecture	5
		ARC205	Design and Building Typology	10
	2	ARC202	Structural Design	5
		ARC204	Small Urban Buildings	10
		ARC206	Urban Studies	5



The modules are for academic year 2011-12; subject to change without notice. Check the XJTLU website for up-to-date list.



“I thought the University of Liverpool Exchange Programme was right for me because of the number of opportunities available such as gaining more international experience, learning Mandarin, meeting people from all walks of life, experiencing Chinese culture and travel around China. Also, the number of industries in Suzhou dealing in telecommunications is invaluable for making useful contacts that will help my future career.

Studying at XJTLU is definitely a must have experience. I've learnt a great deal from my classmates. Learning resources including those from the Library, have helped me develop more independent research and will be very helpful once I return to Liverpool.

I really enjoy Suzhou, it is a beautiful place and great for sight-seeing. I like to go the local KTV with friends for karaoke in Wenxing Plaza. I also enjoy eating out at Times Square and shopping in InCity mall, they have a lot of western shops here.”

- Ruth, Electronic and Communication Engineering,  
University of Liverpool Exchange Student



# How to apply

## Visiting and Intensive Mandarin Chinese Study Students

You should send the following documents via email to [visiting@xjtlu.edu.cn](mailto:visiting@xjtlu.edu.cn)

- A fully completed application form for visiting students, which can be downloaded at [www.xjtlu.edu/en/admissions/international](http://www.xjtlu.edu/en/admissions/international)
- Official transcripts, together with a certified English translation
- Certificate of English language qualification such as IELTS or TOEFL (where applicable)
- Evidence of current Mandarin Chinese level if not beginner (where applicable)
- A photocopy of your passport

*XJTLU may request further information, documents or an interview, depending on your choice of modules. Applications are considered on a case-by-case basis and will be subject to approval by the relevant department(s).*

## University of Liverpool Exchange Students:

For initial enquiries you should contact:  
Rich Dunning

Student Exchanges Officer – Outgoing  
Student Exchanges Team  
[goabroad@liverpool.ac.uk](mailto:goabroad@liverpool.ac.uk)  
0044 151 794 3039

## Visas

Once you accept your offer, XJTLU will provide you with the necessary documentation for your visa application. Following receipt of your invitation letter and visa documents, it is your responsibility to apply for a Student visa at the earliest opportunity.

### Semester / Deadlines

Stage of Application Process	Semester 1 2012/13	Semester 2 2012/13
Submit application and supporting documents*	31 <sup>st</sup> Jul 2012	16 <sup>th</sup> Nov 2012
Receive Offer from XJTLU (email)	As soon as possible	
Accept offer (email)	See your offer letter for deadline	
XJTLU issues invitation and supporting documents	4 <sup>th</sup> Aug 2012	19 <sup>th</sup> Dec 2012
You apply for Student visa no later than	24 <sup>th</sup> Aug 2012	22 <sup>nd</sup> Jan 2013
Arrive at Shanghai International Airport	Between 24 <sup>th</sup> Aug to 26 <sup>th</sup> Aug 2012	Between 17 <sup>th</sup> Feb to 19 <sup>th</sup> Feb 2013
Induction Week	From 27 <sup>th</sup> Aug to 31 <sup>st</sup> Sep 2012	From 18 <sup>th</sup> to 22 <sup>nd</sup> Feb 2013
Formal online registration at XJTLU	31 <sup>st</sup> August 2012	20 <sup>th</sup> Feb 2013
Start of classes	3 <sup>rd</sup> September 2012	21 <sup>st</sup> Feb 2013

\*In certain programmes, late applications will be accepted.

Semester start dates for the 2012/13 academic year are subject to confirmation. Once confirmed, details will be posted on the XJTLU website. Please check our website for current information.

# Tuition Fees and other costs

**Visiting students** are charged a total of RMB 40,000 (around USD 6,000) per semester in tuition fees for all degree courses at XJTLU.

**Intensive Mandarin Chinese Study students** are charged 16,000RMB for a one semester 10-credit Mandarin Chinese module.

## University of Liverpool Exchange Students

Students from University of Liverpool who are accepted on a study abroad programme at XJTLU will receive information about fees and funding at the appropriate time. Information about fees for exchange

students can be found at:

<http://www.liv.ac.uk/study/undergraduate/finance/fees.htm>

*Tuition fees are subject to change. Additional costs may apply in some modules for activities such as field trips.*

## Insurance

XJTLU provides insurance and health check for all international students, including exchange, visiting and intensive language course students. For more detailed information, please contact the Student Admissions Office at XJTLU (full contact details on page 34).



# Accommodation

Going to University isn't just about studying for a degree. It's also about meeting new people, finding your independence and establishing your new life.

If you are leaving home for the first time, don't worry, we will make sure you have everything you need to feel right at home. You can choose from various hotel-style apartments around the campus, including Research Apartments, Scholar's Garden, and MBA Apartments, all within walking distance, where you can enjoy excellent hotel style services and reasonable rates.

We will book accommodation for you as soon as you have been given an unconditional offer and paid us a deposit of RMB10,000 (around USD1,500) to secure your place at the University. Where possible, we try to allocate students to their first choice. However, where this is not possible, an alternative offer will be made.

## Option A : MBA Apartment:

Single room in a shared 3-bedroom apartment without kitchen at MBA Apartments, with sitting room, bathroom, shower, colour TV, air-conditioning, telephone, Internet access and room service  
**Daily rate:** RMB 80—88(around USD 13-14)\*



## Option B: Studio Apartment at Research Apartments

**Daily rate:** RMB 72—80(around USD 11-13)\*  
With sitting room, kitchen (gas cooker, fridge and microwave oven), bathroom, shower, air-conditioning, washing machine, colour TV, telephone and Internet access



## Option C: 2-Bedroom Apartment at Research Apartments

**Daily rate:** RMB 92—100(around USD 15-16)\*2-bedroom apartment for two persons, with sitting room, kitchen (gas cooker, fridge and microwave oven), bathroom, shower, air conditioning, washing machine, colour TV, telephone and Internet access



microwave oven), bathroom, shower, air-conditioning, telephone, Internet access, washing machine



## Notes:

The rates quoted above do not cover utility charges, such as electricity, water, telephone, wireless access and gas. The electricity rate is RMB0.56 per KWH and water rate RMB2.8 per ton.

\*All the price depends on different length of living contract.

Before check-in, you need to pay 3-month rent in advance and 1-month rent as deposit.

## Option D: Studio Apartment at Scholar's Garden

**Daily rate:** RMB 63—67(around USD 10-11)\*  
With kitchen (induction cooker, fridge and






# Map of China

## Distance from Suzhou

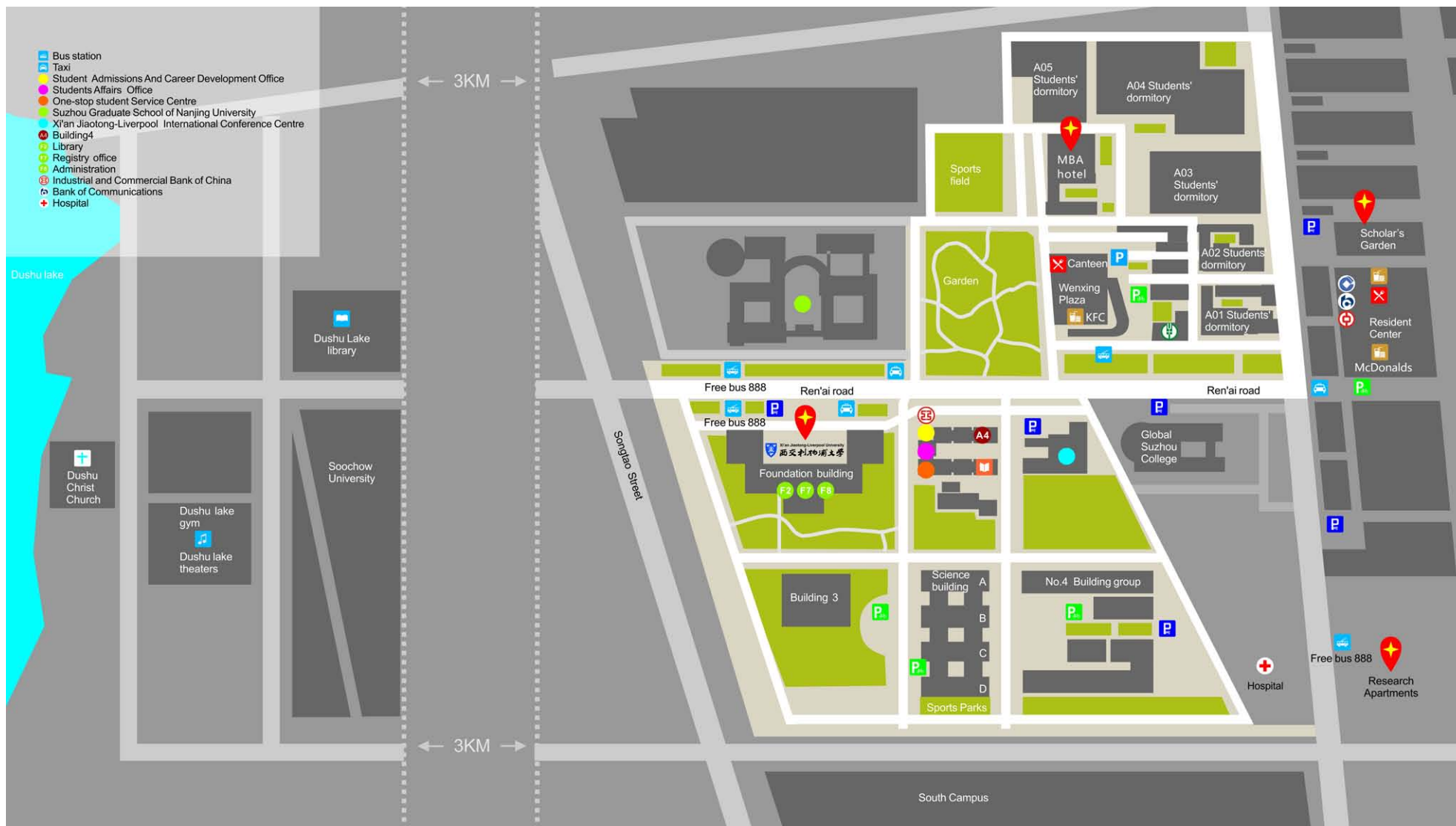
	Miles	kilometers
● Shanghai	52	84
● Beijing	857	1379
● Tianjin	771	1241
● Xi'an	885	1425
● Hangzhou	168	271
● Nanjing	134	217
● Hongkong	951	1530

 **CRH** Tips: You can take the high speed train with the cost of around 40RMB in a short 30mins from Suzhou to Shanghai





## Campus Map



## **Contact Us**

**Tel: 0086 512 8816 1863 / 1883**

**Fax: 0086 512 8816 1859**

**Email: [visiting@xjtlu.edu.cn](mailto:visiting@xjtlu.edu.cn)**

**Website: [www.xjtlu.edu.cn](http://www.xjtlu.edu.cn)**

**Address: 111 Ren'ai Road, Suzhou Industrial Park, China 215123**