

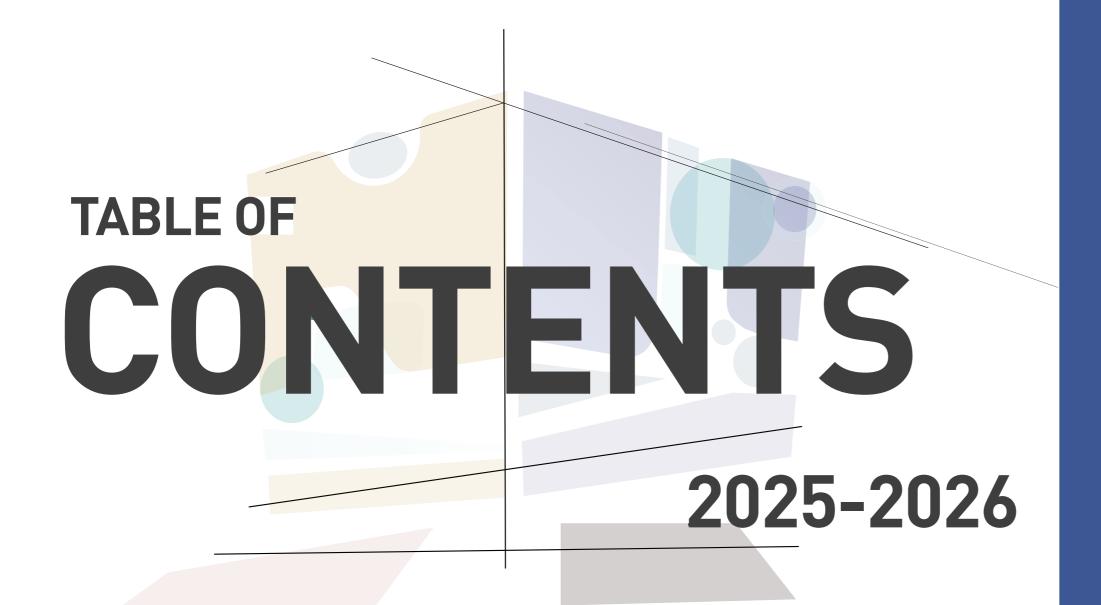
XJTLU REGISTRY



**STAGE 1 REGISTRATION GUIDE** 

新生注册指南

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This Registration Guide provides essential information for Stage 1 new entrants about the registration process at Xi'an Jiaotong-Liverpool University (XJTLU). The Guide covers a range of information including:

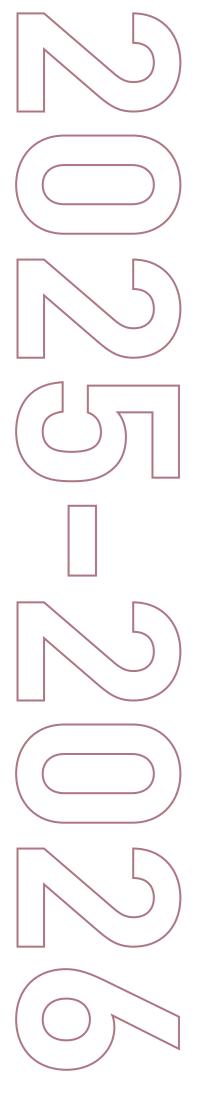
How you register with the University via e-Bridge (https://ebridge.xjtlu.edu.cn), the university student information system, so as to access all the information pertinent to your academic journey at XJTLU such as your module marks and progression results, awards and transcripts and so on;

How you pay your tuition fees, i.e. by completing financial registration, which is a major determinant for you to enjoy full access to all University facilities, systems and services throughout the academic year;

How the Stage 1 Curriculum is structured and what modules it consists of;

How you prepare yourself for programme choice by choosing the appropriate combination of optional modules through e-Bridge according to your intended programmes (for students admitted through Gaokao), or how you choose the optional modules based on your admitted programme (for students directly admitted into a programme of study). It also introduces the services available during your registration process with the University.

欢迎你加入西交利物浦大学(西浦)! 本注册指南将为你详细介绍学年注册的相关流程,其中包括在线注册、学费缴纳、课程注册等重要信息。同时,本指南也介绍了西浦大一的课程结构以及各专业的课程要求和录取条件,旨在帮助所有新生顺利完成大一选课和课程注册安排,特别是为通过高考录取的新生在专业选择上做好充分的课程准备。





University Registration is an essential process for all students to complete at the beginning of each academic year, which involves two parts: e-Bridge online registration and financial registration. After you have received your offer, the next step you should do is to activate your University account and register with the University.

所有学生在每个新学年开学前,都需完成学籍注册流程,包括在线注册及学费缴纳。收到录取通知书后建议尽快激活账号,完成在线注册,并缴纳学费。

## ONLINE REGISTRATION 在线注册

The online registration is to be open for new students when your University account is activated. You should start the registration process by logging into e-Bridge (https://ebridge.xjtlu.edu.cn), the student information system, with your University account.

在你的个人账号被激活后,网上注册系统将会开放。请用你的学校用户名和密码登录学生信息系统 e-Bridge (https://ebridge.xjtlu.edu.cn)。

After login, go to the page of Registration, click the "Register" button to start your online registration. You will be required to enter and confirm the information in the following three sections:

登录系统之后,进入 Registration 页面。点击 Register 按键开始你的注册流程,并需填写及确认以下三部分信息:



My Personal Information 我的个人信息



My Home Address (For Hong Kong, Macau, Taiwan and International students: please use your current address in China)

我的家庭住址信息(港澳台及国际学生需填写目前在中国境内的居住地址)



My Emergency Contacts 我的紧急联络人



A tick will appear next to each section after all information is confirmed. Once you complete all sections, the registration status will be updated automatically to "Registered", which means you have completed the online registration successfully.

当你填写完每一部分信息后,该部分会显示完成标识 💟 当三部分信息全部完成之后,注册状态会更新为"已注册"。

You are assured that all information stored on e-Bridge is treated in strict confidence, and only available to a limited number of staff in performing their roles in providing support for students or learning and teaching activities.

学生在 e-Bridge 中的所有个人及学术信息均为保密信息,只对与该生相关的特定行政及教学员工可见。

Until your online registration is completed, you will not be able to access any functions on e-Bridge, including class and exam timetables, module marks, and transcript and certificate requests, etc.

只有你完成了在线注册,才能使用 e 桥的功能。例如查询课表,课程成绩,申请成绩单与证明等。

If there is any update needed or mistake spotted in your personal information, please contact StudentRecords@xjtlu.edu.cn for support.

如果你的个人信息有变更或错误,请发邮件至 StudentRecords@xjtlu.edu.cn 寻求帮助。

## STUDENT INSIGHT

Student Insight is a platform on e-Bridge that bridges the communication gap between students and staff. From the start of your studies, you can easily find the contact information of your Advisors, communicate online, or book a face-to-face meeting with them. This ensures that your Advisors can provide timely and sufficient support. With this platform, you can not only develop a study plan for each academic year, but also set long-term goals throughout your academic journey at XJTLU, which may help you plan your studies wisely and achieve academic success at XJTLU.

Meanwhile, it provides a wide range of learning resources aimed at facilitating your independent learning. The contact information of academic units is also displayed in this platform.

You can find Student Insight via e-Bridge-Academic.

Student Insight 平台依托 e-Bridge,在学生和教职员工之间搭建了一座沟通的桥梁。开学后,你不仅可以在这里查询导师们的联系方式,还可以与他们进行在线即时沟通,或预约与他们进行面对面的交流,从而让老师们能够及时、有效地为同学们提供学业支持。通过 Student Insight,你不仅能为自己当前学年的学习拟定计划,还能从长远角度出发,为自己设定贯穿整个大学阶段的学习目标。这有助于学生合理规划学习,从而达成理想的学习成果,取得学业上的成功。

此外,平台汇聚了大量优质学习资源,旨在帮助有需要的同学更高效地自主学习;各院系及行政部门的联系方式,以便有需要的同学们快速查找。

你可以从 e-Bridge - Academic 找到 Student Insight, 开启你的学术之旅!



## FINANCIAL REGISTRATION 费用缴纳

## CHECK THE TUITION FEE AND OTHER CHARGES 学费及杂费信息查询

After you finish the online registration, please check your tuition fee and other charges on Registration page of e-Bridge and make the payment accordingly in a timely fashion.

完成在线注册之后请通过 e-Bridge 的 Registration 页面查询学费及其它费用详情并及时缴纳相关费用。

## MAKE THE PAYMENT 缴费

## FOR CHINESE MAINLAND STUDENTS 中国内地学生

### ONLINE PAYMENTS 在线缴费

You can make your payment online via XJTLU Fee Payment Platform: http://szzx.fw135.com:8003/Home/item/133.

Currently, there are three methods of online payment available on the XJTLU Fee Payment Platform:

Wechat Payment

Alipay Payment

E-CNY Payment

你可以通过西交利物浦大学在线支付平台(http://szzx.fw135.com:8003/Home/item/133)缴费。

目前西交利物浦大学在线支付平台有三种在线缴费方式:

数字人民币支付
 数字人民币支付

The payment status will be updated on the e-Bridge within 3 working days after the University receives your tuition fee payment.

e-Bridge 上的付款状态通常在学校收到你的学费后的 3 个工作日内更新。

## PAYMENT BY CHINESE MAINLAND BANK TRANSFER (CNY ONLY) 通过中国内地的银行转账支付(仅限人民币)

Payments made by this method may take up to 5 working days to reach your student fee account. Please take the transfer processing period into account and arrange the transfer in advance to ensure the payment can be completed before the semester starts.

使用此种支付方式缴费, 转账处理周期大致在5个工作日, 缴费时请将转账处理周期考虑在内以提前安排转账, 以确保能在新学期开始前完成缴费。

## THE TRANSFER SHOULD BE MADE TO 使用该转账方式,请转账至学校以下账户

ACCOUNT 账户: 西交利物浦大学

BANK银行:中信银行苏州姑苏支行

ACCOUNT NUMBER 账号: 7323010182400047227

Please note, in order to facilitate the bank transfer and confirmation process, it is imperative that you: 请注意,为确认你的转账,你必须:

- Note down your name and XJTLU student ID when you make the transfer; 转账时备注你的姓名和学号:
- After completing the bank transfer, please log in to XJTLU Fee Payment Platform at http://szzx.fw135.com:8003/Home/item/133, click "Offline Payment" on the pending payment information page, fill in the remittance details, and upload the payment proof (a scanned copy of the bank receipt or a screenshot of the mobile banking transfer). Your payment will be processed within 3 working days, and the payment status will be updated on e-Bridge.

转账后,请登录西交利物浦大学在线支付平台 http://szzx.fw135.com:8003/Home/item/133,在待缴费信息页面点击线下缴费,在线填写汇款信息并上传付款凭证 (银行回单图片或手机银行汇款截屏),3个工作日复核确认后并更新付款状态到 e 桥。

Please note that the above payment methods are not applicable for accommodation fee payment. 请注意,以上支付方式不适用于住宿费缴纳。

For the accommodation fee payment, please log in to the "HIVE system-My bill (Mobile) https://hive.xjtlu.edu.cn/wap/pages/bill/list" or "HIVE system-My bill (PC) https://hive.xjtlu.edu.cn/pc/pages/student-party/bill-list" with your XJTLU account username and password to complete the payment.

你需要使用学生账号和密码登录 HIVE 系统(移动端 https://hive.xjtlu.edu.cn/wap/pages/bill/list, 电脑端 https://hive.xjtlu.edu.cn/pc/pages/student-party/bill-list), 在"费用账单"界面查看并完成住宿费缴纳。

## FOR HONG KONG, MACAO, TAIWAN AND INTERNATIONAL STUDENTS 港澳台及国际生

## PAYMENT BY INTERNATIONAL BANK TRANSFER 国际银行转账支付

Payments made by this method may take up to 10 working days to reach your student fee account. Please take the transfer processing period into account and arrange the transfer in advance to ensure the payment can be completed before the semester starts.

使用此种支付方式缴费,转账处理周期大致在 10 个工作日,缴费时请将转账处理周期考虑在内提前安排转账,以确保能在新学期开始前完成缴费。



#### Please note, in order to facilitate the bank transfer and confirmation process, it is imperative that you:

- · Add your name and XJTLU student ID number in the payment reference when you make the transfer;
- Send the picture / scanned copy of the bank slip or the screenshot of your bank transfer to the XJTLU Finance Office at FINSTU@xjtlu.edu.cn immediately after you make the transfer. Ensure the following information is fully and clearly expressed: the remitter's name, and the last four digits of bank account.

#### 请注意,为确认你的转账,你必须:

- · 转账时备注你的姓名和学号;
- · 转账后,请将付款凭证(银行回单图片、扫描件或手机银行汇款截屏),发送至 FINSTU@XJTLU.EDU. CN, 同时请确保下列信息清晰完整:汇款人姓名,银行卡号后四位

## THE TRANSFER SHOULD BE MADE TO 使用该转账方式,请转账至学校以下账户

- BENEFICIARY NAME: Xi'an Jiaotong-Liverpool University
  - 收款方: 西交利物浦大学
- BENEFICIARY ADDRESS: 111 Ren'ai Road, Dushu Lake Higher Education Town, Suzhou Industrial Park, Suzhou, Jiangsu, China

POSTCODE: 215123

收款地址:江苏省苏州市中国新加坡工业园区,独墅湖科教创新区仁爱路 111 号

邮编: 215123

• ACCOUNT NUMBER 1: 010-010320-055(USD only)

账户1:010-010320-055(仅限美元)

ACCOUNT NUMBER 2: 010-010320-056 (GBP only)
 账户 2: 010-010320-056 (仅限英镑)

SWIFT CODE: HSBCCNSHSUZ

银行识别码: HSBCCNSHSUZ

BANK NAME: HSBC Bank (China) Company Limited, Suzhou Branch

银行: 汇丰银行苏州分行

- BANK ADDRESS: Century Financial Tower, No.1 Suzhou Avenue West, Suzhou Industrial Park, Suzhou, Jiangsu Province, China 215021
- 银行地址:江苏省苏州市中国新加坡工业园区,苏州大道西1号世纪金融大厦邮编: 215021

Student may find the monthly exchange rate through fee information under "university back account" part on the "Registration" page of e-Bridge.

学生可以通过 e-Bridge 的 Registration 页面查询当月汇率。

Please note that this account is not workable for students who pay in foreign currency in Russia. 请注意,以上支付方式不适用俄罗斯的外币支付。

Students who pay in Russia can ONLY transfer CNY for cross-border payment in accordance with current rules. The transfer should be made to

在俄罗斯境内付款的学生仅支持跨境人民币支付,请转账至学校以下账户

BENEFICIARY NAME: Xi'an Jiaotong-Liverpool University收款方: 西交利物浦大学

BENEFICIARY ADDRESS: 111 Ren'ai Road, Dushu Lake Higher Education Town, Suzhou Industrial Park, Suzhou, Jiangsu, China

POSTCODE: 215123

收款地址:江苏省苏州市中国新加坡工业园区,独墅湖科教创新区仁爱路111号

耶编: 215123

• ACCOUNT NUMBER: 10550701040006923

账户: 10550701040006923

BANK NAME: Agricultural Bank of China, SIP Xietang Sub-Branch

银行:中国农业银行苏州工业园区斜塘支行

BANK ADDRESS: No. 2178 Area A, Lianfeng Plaza, SIP, Suzhou, China, 215028

银行地址: 苏州工业园区娄葑东区联丰广场 A 区 2178 号

邮编: 215028

• CNAPS Code: 103305055075 SWIFT Code: ABOCCNBJ103

## PAYMENT BY CHINESE MAINLAND BANK TRANSFER (CNY ONLY): 通过中国内地的银行转账支付(仅限人民币):

Payments made by this method may take up to 5 working days to reach your student fee account, please take the transfer processing period into account and arrange the transfer in advance to ensure the payment can be completed before the semester starts.

使用此种支付方式缴费,转账处理周期大致在5个工作日,缴费时请将转账处理周期考虑在内提前安排转账,以确保能在新学期开始前完成缴费。

THE TRANSFER SHOULD BE MADE TO (For Hong Kong, Macao, Taiwan and international students only) 使用该转账方式,请转账至学校以下账户(此账户仅限港澳台及国际生转账)

- BENEFICIARY NAME: Xi'an Jiaotong-Liverpool University收款方: 西交利物浦大学
- BENEFICIARY ADDRESS: 111 Ren'ai Road, Dushu Lake Higher Education Town, Suzhou Industrial Park, Suzhou, Jiangsu, China

POSTCODE: 215123

收款地址: 江苏省苏州市中国新加坡工业园区, 独墅湖科教创新区仁爱路 111 号

邮编: 215123

• ACCOUNT NUMBER: 10550701040006923

账户: 10550701040006923

BANK NAME: Agricultural Bank of China, SIP Xietang Sub-Branch

银行:中国农业银行苏州工业园区斜塘支行

BANK ADDRESS: No. 2178 Area A, Lianfeng Plaza, SIP, Suzhou, China, 215028

银行地址:苏州工业园区娄葑东区联丰广场 A 区 2178 号

邮编: 215028

## SANCTIONS OF NON-PAYMENT 欠费须知

• The deadline for your financial registration is the Friday of the Induction Week which is 5 september, 2025 for 2025-26 academic year. Please bear in mind the deadline and make the payment arrangement in advance as it normally takes 5 working days for domestic transfer and 10 working days for international transfer.

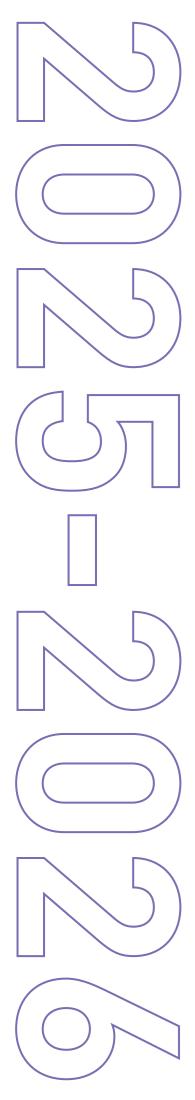
2025-26 学年新生缴费截止日期 2025 年 9 月 5 日 (迎新周的周五)。缴费时请将转账处理周期 (境内汇款 5 个工作日,海外汇款 10 个工作日) 考虑在内提前安排转账,以确保能在新学期开始前完成缴费。

• If you fail to make the payment of tuition fee and other fees by the above deadline, you will be withdrawn from the University.

如你未能在截止日期内完成缴费, 你将会被注销学籍。

For more details about fee payment, due dates and sanctions, please refer to the XJTLU STUDENT FEES POLICY which can be found in the Document Zone section on the homepage of e-Bridge - CAA@E-BRIDGE.

有关缴费政策,可通过 e-Bridge 首页中 CAA@E-BRIDGE - Document Zone 板块查询 XJTLU STUDENT FEES POLICY。



# INTRODUCTION TO STAGE 1 MODULE ENROLMENT

课程注册与选择



Students are required to study compulsory, optional and additional learning modules in Stage 1. Students will be enrolled onto compulsory and additional learning modules automatically following the Stage 1 Curriculum and relevant University arrangements, whilst optional modules are determined by students' personal choices.

大一学生需要修读必修课、选修课和附加课程。必修课和附加课程 根据大一的课程体系直接注册,而选修课则由学生个人选择决定。

## STAGE 1 MODULAR STRUCTURE 大一课程结构

## Compulsory Module 必修课程

## English for Academic Purposes (EAP) Module 学术英语课程

Stage 1 students will be placed on one of four EAP pathways - Foundation, Preintermediate, Intermediate or Advanced pathway, based on the results of an English Language Ability Entry Test held before Week o.

- Student on Foundation, Pre-intermediate or Intermediate pathway will take one 20-credit EAP module.
- Students on Advanced pathway will take one 10-credit EAP module.

根据入学前进行的英语分级测试结果,大一学生将被分至基础班,预备中阶班,中阶班或高阶班并修读相应的学术英语必修课程。

- 基础班, 预备中阶班和中阶班的学生将修读一门 20 学分的学术英语课程。
- 高阶班的学生将修读一门 10 学分的学术英语课程。

## Chinese Culture and Physical Education Modules 中国文化及体育课程

- Chinese mainland students will take 5 credits of Chinese Culture and Physical Education modules in each semester.
- Hong Kong, Macau and Taiwan students will take 5 credits of Chinese Language and Culture modules in each semester.
- International students on Advanced Pathway will take 10 credits of Chinese modules in each semester. International students on non-Advanced Pathway will take 5 credits of Chinese modules in each semester.
- 中国内地学生大一每学期将修读总共5学分的思政课程和体育课程。
- 港澳台学生大一每学期将修读 5 学分的中国语言和文化课程。
- 国际学生若分至高阶班,大一每学期将修读 10 学分的汉语课程。若分至非高阶班,大一每学期将修读 5 学分的汉语课程。

## Degree Preparation Module 专业预备课程

Starting from teaching Week 7 in Semester 2, 2.5 credits or 5 credits of degree preparation module(s) will be arranged for students after they have been admitted onto specific programmes following the programme choice event.

第二学期的选专业活动结束后,根据被录入的专业,学生将从第七教学周起修读 2.5学分或5学分的专业预备课。

## Additional Learning 附加课程

Chinese mainland students will be required to take CCT012 Situation and Policy (Chinese degree required module), CCT007 Self-management and Mental Health, and CCT013 Introduction to National Security. Meanwhile, all students will take a project module LIF001 Research-led and Project-based Learning.

All students will be required to take XPU001 Essentials of Al and XPU002 Foundations of Al aiming to foster widespread literacy in the broad field of artificial intelligence (AI) and to provide students with an understanding of its legal and ethical implications as well as the impact on individuals and the society.

中国内地学生需修读 CCT012 形势与政策(中方学位必过课程), CCT007 自我管理与心理教育,及 CCT013 国家安全概论。同时,所有学生需修读项目式课程 LIF001 研究导向型项目式学习综合实践课。

所有学生必须修读 XPU001(人工智能基础)和 XPU002(人工智能基本原理),这两门课程旨在培养广泛的人工智能领域素养,并使学生了解其法律和伦理影响,以及对个体和社会的影响。

## Optional Module 选修课程

## Mathematics Module (Programme prerequisite) 数学课程 (专业数学先修课)

Mathematics modules are required by some programmes in Stage 1 Semester 1 and/or Semester 2 respectively as prerequisites. The selection of mathematics modules will affect your choice of programmes.

The University offers a group of modules for the mathematics disciplines covering Calculus, Linear Algebra, and Multivariable Calculus, with different focuses and credit values. Students can choose any module from each subject to meet the requirement of the intended programme choice, unless your target programme has specified requirements such as Mathematics related programmes. The module code, module title and credit value are detailed in the table below.

部分专业要求学生在大一第一学期及/或第二学期修读数学先修课程,新生需要根据自己的意向专业要求进行选择。

学校在线性代数、微积分和多元微积分等学科下均开设了多门课程,其课程学分及学习侧重点有所不同。除数学类 专业要求修读指定的数学课程外,学生可根据意向专业的相关要求从相关科目中选择任意一门课程修读。下表详细 罗列了课程代码,全称及学分数。



Subject and Semester 科目与开课学期	Module Code and Title 课程代码和全称	Credit 学分	Availability to Student Cohort 适用学生	
Lincow Alexahya	MTH017 Linear Algebra for Mathematical Science 线性代数(数学科学方向)	5	All Stage 1 students 全体大一学生	
Linear Algebra 线性代数 Offered in Stage 1 Semester 1	MTH007 Linear Algebra 线性代数	2.5	Chinese mainland students 大一中国内地学生	
大一第一学期开课	MTH015 Introductory Linear Algebra 线性代数导论	International, Hong Kong, Macau, Taiwan students 大一国际及港澳台学生		
	MTH013 Calculus (Science and Engineering) 微积分(科学与工程方向)			
Calculus 微积分 Offered in Stage 1 Semester 1 大一第一学期开课	MTH019 Calculus for Business 微积分(工商管理方向)	5	Chinese mainland students 大一中国内地学生	
	MTHo29 Calculus (Mathematical Sciences) 微积分(数学科学方向)			
	MTH023 Introductory Calculus II 微积分导论 2			
	The combination of MTHo25 Pre-Calculus and MTHo27 Introductory Calculus I 预备微积分和微积分导论 1 的组合	5	International, Hong Kong, Macau, Taiwan students 大一国际及港澳台学生	
Multivariable Calculus	MTHoo4 Multivariable Calculus (Business and Arts) 多元微积分 (工商管理与艺术方向)			
微积分  Offered in Stage 1 Semester 2 大一第二学期开课	MTHoo8 Multivariable Calculus (Science and Engineering) 多元微积分 (科学与工程方向)	5	All Stage 1 students 全体大一学生	
	MTHoo2 Multivariable Calculus and Statistics 多元微积分与统计学			

## PHY005 Physics 1: Mechanics (Programme prerequisite) PHY005 物理学 1: 力学 (专业物理先修课)

PHY005 is required by some programmes in Stage 1 Semester 2 as a prerequisite. The selection of PHY005 will affect your choice of programmes.

部分专业要求学生在大一第二学期修读 PHY005, 新生需要根据自己的意向专业要求进行选择。

Module Code 课程代码	Module Title 课程全称	Delivery Semester 授课学期	Credit 学分	School 授课学院
PHY005	Physics I: Mechanics	SEM2	2.5	School of Mathematics and Physics 数学物理学院

## Other Optional Modules 其他选修课程

In addition to the optional modules of mathematics and physics, the University also offers a set of other optional modules for students to choose from based on their interests or needs. The preliminary information on the module codes, module titles, and credit values of these modules is provided in the below table.

除了数学及物理先修课程之外,学校还开设了多门选修课供学生根据自己的兴趣或需求进行选择。

Module Code 课程代码	Module Title 课程全称	Delivery Semester 授课学期	Credit 学分	School 授课学院
APH005	Diseases, Healthcare and Society	SEM1	2.5	XJTLU Wisdom Lake Academy of Pharmacy 西浦慧湖药学院
ARCoo1	Explore Architecture and Visual Culture	SEM1	2.5	Design School 设计学院
CAToo1	Exploring Game Design Concept Generation	SEM1	2.5	Academy of Film and Creative Technology 影视与创意科技学院
DES003	Principles of Design	SEM1	2.5	Design School 设计学院
DES005	Community Garden Innovation Lab	SEM1	2.5	Design School 设计学院
DTS001	Data Analytics for Entrepreneurship	SEM1	2.5	School of AI and Advanced Computing 人工智能与先进计算学院
FIN001	Finance and Society	SEM1	2.5	International Business Schoo Suzhou 西浦国际商学院
FTA003	Explore Creativity in Digital Media Arts	SEM1	2.5	Academy of Film and Creative Technology 影视与创意科技学院

Module Code 课程代码	Module Title 课程全称	Delivery Semester 授课学期	Credit 学分	School 授课学院
FTA005	Film Appreciation	SEM1	2.5	Academy of Film and Creative Technology 影视与创意科技学院
FTA007	TV and Short Video Production	SEM1	2.5	Academy of Film and Creative Technology 影视与创意科技学院
HSS003	HSS Futures: Humanities and Social Sciences in the Digital Age	SEM1	2.5	School of Humanities and Social Sciences 人文社科学院
HSS004	Creativity in Action: Unlocking Creativity in a Changing World	SEM1	2.5	School of Humanities and Social Sciences 人文社科学院
IFB001	Exploring Intelligent Supply Chains with Smart Business Practices	SEM1	2.5	School of Intelligent Finance and Business 产金融合学院
IOToo3	Introduction to IoT programming	SEM1	2.5	School of Internet of Things 物联网学院
JPL001	Japanese Language 1	SEM1	5	School of La <mark>nguages</mark> 语言学院
JPL009	Japan through Anime	SEM1	2.5	School of Languages 语言学院
LAN010	Introduction to Intercultural Communication	SEM1	2.5	School of La <mark>nguages</mark> 语言学院
MES001	Introduction to Nanotechnology	SEM1	2.5	School of CHIPS 芯片学院
MFE001	Exploring Engineering Creation and Innovation	SEM1	2.5	School of Intelli <mark>g</mark> ent Manufacturing Ecosystem 智造生态学院
MTH020	Introductory Mathematical Modelling	SEM1	2.5	School of Mathematics and Physics 数学物理学院
RBE001	Introductions to Intelligent Robotics	SEM1	2.5	School of Robotics 智能机器人学院
SAToo6	Foundations of Computer Science and Engineering	SEM1	2.5	School of Advanced Technology 智能工程学院
SCI002	Scientific Principles and Methods	SEM1	2.5	School of Science 理学院
SPA001	Spanish Language 1	SEM1	5	School of Languages 语言学院
SPA010	Introduction to Contemporary Spanish Pop- culture after 1975	SEM1	2.5	School of Languages 语言学院
SPA011	Language Variety in Spain & Latin America	SEM1	2.5	School of Languages 语言学院
DES002	Design Thinking	SEM1 and SEM2	2.5	Design School 设计学院
DES004	Future Cities	SEM1 and SEM2	2.5	Design School 设计学院

Module Code 课程代码	Module Title 课程全称	Delivery Semester 授课学期	Credit 学分	School 授课学院
АРН004	From Ancient Remedies to Modern Breakthroughs	SEM2	2.5	XJTLU Wisdom Lake Academy of Pharmacy 西浦慧湖药学院
CAT003	Exploring Cultural Events	SEM2	2.5	Academy of Film and Creative Technology 影视与创意科技学院
DTS003	AI and Entrepreneurial Innovation	SEM2	2.5	School of AI and Advanced Computing 人工智能与先进计算学院
ENT003	Immersive Entrepreneurship	SEM2	2.5	Entrepreneurship and Enterprise Hub 创业与企业港
HSS005	Creativity in Motion: Communicating Through Games and Digital Media	SEM2	2.5	School of Humanities and Social Sciences 人文社科学院
IFB003	Exploring Intelligent Supply Chains with Syntegrative Technologies	SEM2	2.5	School of Intelligent Finance and Business 产金融合学院
IOT001	Fundamentals of IoT and Its Applications	SEM2	2.5	School of Internet of Things 物联网学院
JPL002	Japanese Language 2	SEM2	5	School of Languages 语言学院
LAN007	Introduction to Sustainability	SEM2	2.5	School of Languages 语言学院
LNG001	Thinking like a Linguist	SEM2	2.5	School of Humanities and Social Sciences 人文社科学院
MESO02	Introduction to Microelectronics	SEM2	2.5	School of CHIPS 芯片学院
MFE002	Introduction to Intelligent Manufacturing Engineering	SEM2	2.5	School of Intelligent Manufacturing Ecosystem 智造生态学院
MTH022	Mathematical and Statistical Models	SEM2	2.5	School of Mathematics and Physics 数学物理学院
RBE002	Explore Intelligent Robotics Technologies	SEM2	2.5	School of Robotics 智能机器人学院
SCI003	Scientific Communication and Integrity	SEM2	2.5	School of Science 理学院
SMO001	Communication Skills for Personal Success	SEM2	2.5	International Business School Suzhou 西浦国际商学院
SPA002	Spanish Language 2	SEM2	5	School of Languages 语言学院
SPA009	The Sounds of Spanish	SEM2	2.5	School of Languages 语言学院
SPA012	The Dawn of Globalization: Introduction to Spain in the 15th Century	SEM2	2.5	School of Languages 语言学院

<sup>\*</sup>For specific optional modules available, please refer to the optional modules listed on Timetable Plus during module selection period.

具体选课清单请以选课平台上展示的内容为准。



## OPTIONAL MODULE SELECTION 选修课程选择

First Round of Module Selection 首轮选课

All incoming stage 1 students are required to participate in this round of module selection. Upon receiving your admission letter and activating your XJTLU AD account, you may proceed to the Timetable Plus website (https://timetableplus.xjtlu.edu.cn) to select the optional modules you wish to study. The deadline is 15th August, 2025.

For Semester 1, you are required to select 10 credits of optional modules, and for Semester 2, 5 credits (excluding physics). In addition, if your intended programme requires physics (PHY005) as a prerequisite, you will also need to select an additional 2.5 credits of PHY005 as an optional module to be studied in the first half of semester 2. To ensure that you can choose the required prerequisites for your target programme, you are advised to thoroughly review the list of optional modules on pages 14-18 and the prerequisites and additional requirements for programmes on pages 21-58.

Please be aware that, due to limited teaching resources, some optional modules may have a quota of available seats. To ensure fairness and justice in module selection, the first round of module selection will be conducted through a "lottery" system. Students will be required to submit their module preferences on the platform. If the number of applicants for a specife module exceeds the quota, the Registry office will utilize the "random lottery" feature to generate the module selection list, and the final list of module selection will be randomly drawn by the system and published on the Timetable Plus website.

每位大一新生都需要参与这一轮的课程选择。在你收到录取通知书并激活你的西交利浦大学账户后,您可以在 Timetable Plus (https://timetableplus.xjtlu.edu.cn) 网站上选择你的选修课。截止日期是 2025 年 8 月 15 日。

在这轮选课中,你需要挑选 10 学分的大一第一学期选修课以及以及 5 学分的大一第二学期的选修课(不含物理课)。此外,如果你的意向专业有物理先修课的要求,你还需要选择额外的 2.5 学分的物理课 PHY005 作为选修课在大一第二学期的上半学期修读。为确保你能选到心仪专业的先修课,请仔细参考本指南第 14-18 页的选修课清单、21-58 页的专业先修课要求及额外的录取条件来进行课程选择。

请注意,由于教学资源有限,部分选修课可能设有人数上限。为了保证选课的公平与公正,在首轮选课中,若选择某门课的人数超过上限,将启动"抽签"模式。同学们在选课平台上提交选课意向,选课截止后,报名人数超出限制,教务处将使用 Timetable Plus 平台的"随机抽签"功能来决定选课名单,并在 Timetable Plus 网站上公布选课结果。



## 

Some students may be required to participate in the supplementary module selection under the following circumstances:

- 1. If, during the first round of module selection, there are popular modules with a number of students exceeding the limit in the modules you have chosen, and you are not selected by the system, you will have the opportunity to take the supplementary round of module selection to meet the total credit requirement.
- 2. Since the stage 1 advanced English module is worth only 10 credits, while other English modules are worth 20 credits each, students placed into the advanced English module through the English Placement Test will have to engage in a supplementary round of module selection. This means you will need to select an additional 5 credits of optional modules each semester to fulfill the credit requirements.

Detailed arrangement regarding module selection will be sent to your XJTLU email via timetables@xjtlu.edu.cn in due time. Please pay close attention to your email box to avoid missing important information about the module selection. Students who fail to select modules will be randomly assigned to any optional module that has available seats.

部分同学会需要参与课程补选,分别有以下两种情况:

- 1. 在首轮选课中,如果你选择的课程中有人数超出限制的热门课程,且你没有被"抽中",你需要进行补选以满足学分要求;
- 2. 由于大一高阶英语课程只有 10 学分,而其他级别的英语课程为 20 学分。在英语分级测试结果公布后,被分到高阶英语班的同学需要进行课程补选。这意味着你需要在首轮选课的基础上为每个学期分别再额外选择 5 学分的选修课以满足学分要求。

所有选课的相关安排届时会通过 timetables@xjtlu.edu.cn 发送至你的西浦邮箱。请密切关注你的邮箱以免错过选课相关的重要信息。错过选课的学生,将会被随机安排到仍有席位的选修课中。

## **PROGRAMME ENTRY REQUIREMENTS** 专业录取条件

## SCHOOL OF ADVANCED TECHNOLOGY 智能工程学院

As a research and practice-led school, the School of Advanced Technology has a diverse faculty, selected for their world-class academic professional qualifications and achievements. They are committed to excellence in research and education in all areas relating to artificial intelligence, electrical engineering, VR/AR, modern communications, big data, robotics, computer science, multimedia and seek to prepare students to excel in today's fastestchanging fields.

Our programmes are designed to provide students with state of the art content built on solid foundational knowledge and handson experience in modern laboratories solving real-world problems, as well as the opportunity to contribute to ongoing research projects. Upon graduation, students will become highly soughtafter candidates with strong academic knowledge and an extensive set of transferable skills in communication, teamwork and project management.

作为一所研究与实践导向型学院,西浦智能工程学院师资队伍结构合理、学术 造诣较深,致力于在人工智能、电力电子、虚拟/增强现实、通信、大数据、 机器人、计算机科学、多媒体等相关领域为学生提供卓越的研究和教育,培养 学生应对迅速变化的行业环境的能力。

学院不断优化教学,在保证基础内容传授的同时,融入最前沿的知识,并为学 生提供解决实际问题和参与科研项目的实践机会,提升毕业生就业竞争力,让 他们成为当前紧缺的既掌握牢固的专业知识,又具备沟通技巧、团队合作精神 及项目管理能力等综合素质的复合型人才。

## **Computer Science and Technology** 计算机科学与技术

## **Prerequisites**

#### 先修课

Semester 1: Calculus-MTH013/MTH023/MTH025&027, and Linear Algebra-MTH007/MTH015

第一学期: 指定的微积分课程 - MTH013 或者 MTH023 或者 MTH025 和 MTH027 的组 合、指定的线性代数课程 - MTH007 或者 MTH015

Semester 2: Multi-variable Calculus - MTH008 第二学期:指定的多元微积分课程 - MTH008

## Additional Requirements

#### 额外录取要求

Subject to the average mark of the specific Calculus (MTH013/MTH023/MTH025&027) and Linear Algebra (MTH007/MTH015) modules taken in Semester 1.

根据第一学期特定的微积分(MTHo13/MTHo23/MTHo25&027)及线性代数(MTHO07/ MTHo15)的算术平均分决定是否录取。

## Digital Media Technology 数字媒体技术

#### **Prerequisites**

#### 先修课

- Semester 1: Calculus-MTH013/MTH023/MTH025&027, and Linear Algebra-MTH007/MTH015
- 第一学期: 指定的微积分课程 MTH013 或者 MTH023 或者 MTH025 和 MTH027 的组 合、指定的线性代数课程 - MTH007 或者 MTH015
- Semester 2: Physics, and Multi-variable Calculus -MTH008 第二学期: 物理、指定的多元微积分课程 - MTH008

#### **Additional Requirements** 额外录取要求

Subject to the average mark of the specific Calculus (MTH013/MTH023/ MTH025&027) and Linear Algebra (MTH007/MTH015) modules taken in Semester 1. 根据第一学期特定的微积分(MTHo13/MTHo23/MTHo25&027)及线性代数(MTHo07/ MTH015)的算术平均分决定是否录取。

## **Electrical Engineering** 电气工程及其自动化

#### **Prerequisites**

- Semester 1: Calculus-MTH013/MTH023/MTH025&027, and Linear Algebra-MTH007/MTH015
- 第一学期: 指定的微积分课程 MTH013 或者 MTH023 或者 MTH025 和 MTH027 的组 合、指定的线性代数课程 - MTH007 或者 MTH015
- Semester 2: Physics, and Multi-variable Calculus -MTH008 第二学期: 物理、指定的多元微积分课程 - MTH008

#### Additional Requirements 额外录取要求

Subject to the average mark of the specific Calculus (MTH013/MTH023/ MTH025&027) and Linear Algebra (MTH007/MTH015) modules taken in Semester 1. 根据第一学期特定的微积分(MTHo13/MTHo23/MTHo25&027)及线性代数(MTHo07/ MTHo15)的算术平均分决定是否录取。



## Electronic Science and Technology 电子科学与技术

#### **Prerequisites**

#### 先修语

- Semester 1: Calculus-MTHo13/MTHo23/MTHo25&027, and Linear Algebra-MTHo07/MTHo15 第一学期:指定的微积分课程 MTH013 或者 MTH023 或者 MTH025 和 MTH027 的组合、指定的线性代数课程 MTH007 或者 MTH015
- Semester 2: Physics, and Multi-variable Calculus -MTHoo8 第二学期:物理、指定的多元微积分课程 MTH008

#### Additional Requirements 额外录取要求

Subject to the average mark of the specific Calculus (MTH013/MTH023/MTH025&027) and Linear Algebra (MTH007/MTH015) modules taken in Semester 1.

根据第一学期特定的微积分(MTHo13/MTHo23/MTHo25&027)及线性代数(MTHo07/MTHo15)的算术平均分决定是否录取。

## Information and Computing Science 信息与计算科学

#### Prerequisites 先修课

- Semester 1: Calculus-MTHo13/MTHo23/MTHo25&027, and Linear Algebra-MTHo07/MTHo15 第一学期:指定的微积分课程 MTH013 或者 MTH023 或者 MTH025 和 MTH027 的组合、指定的线性代数课程 MTH007 或者 MTH015
- Semester 2: Multi-variable Calculus -MTHoo8 第二学期:指定的多元微积分课程 MTH008

### **Additional Requirements**

#### 额外录取要求

Subject to the average mark of the specific Calculus (MTH013/MTH023/MTH025&027) and Linear Algebra (MTH007/MTH015) modules taken in Semester 1.

根据第一学期特定的微积分(MTHo13/MTHo23/MTHo25&027)及线性代数(MTHo07/MTHo15)的算术平均分决定是否录取。

## Mechatronics and Robotic Systems 机械电子工程

#### **Prerequisites**

#### 先修课

- Semester 1: Calculus-MTHo13/MTHo23/MTHo25&027, and Linear Algebra-MTHo07/MTHo15 第一学期:指定的微积分课程 MTH013 或者 MTH023 或者 MTH025 和 MTH027 的组合、指定的线性代数课程 MTH007 或者 MTH015
- Semester 2: Physics, and Multi-variable Calculus -MTHoo8 第二学期:物理、指定的多元微积分课程 MTH008

### **Additional Requirements**

#### 额外录取要求

Subject to the average mark of the specific Calculus (MTH013/MTH023/MTH025&027) and Linear Algebra (MTH007/MTH015) modules taken in Semester 1.

根据第一学期特定的微积分(MTHo13/MTHo23/MTHo25&027)及线性代数(MTHo07/MTHo15)的算术平均分决定是否录取。

## Telecommunications Engineering 通信工程

#### Prerequisites

#### 先修训

- Semester 1: Calculus-MTHo13/MTHo23/MTHo25&027, and Linear Algebra-MTHo07/MTHo15 第一学期:指定的微积分课程 MTH013 或者 MTH023 或者 MTH025 和 MTH027 的组合、指定的线性代数课程 MTH007 或者 MTH015
- Semester 2: Physics, and Multi-variable Calculus -MTHoo8 第二学期: 物理、指定的多元微积分课程 MTH008

#### **Additional Requirements**

#### 额外录取要求

Subject to the average mark of the specific Calculus (MTH013/MTH023/MTH025&027) and Linear Algebra (MTH007/MTH015) modules taken in Semester 1.

根据第一学期特定的微积分(MTHo13/MTHo23/MTHo25&027)及线性代数(MTHo07/MTHo15)的算术平均分决定是否录取。

## Artificial Intelligence - Intelligent Systems Pathway △ 人工智能

### Prerequisites

#### 先修课

Semester 1: Calculus and Linear Algebra

第一学期: 微积分、线性代数

 Semester 2: Physics and Multi-variable Calculus 第二学期: 物理、多元微积分

#### **Additional Requirements**

#### 额外录取要求

Subject to the average mark of the Calculus and Linear Algebra modules taken in Semester 1. 根据第一学期微积分和线性代数的算术平均分决定是否录取。

 $\Delta$  The pathway title may be updated following validation approval of UoL for modifications to the programme.

该专业方向名称或在利物浦大学完成专业审批后有所更改。



We are the leading interdisciplinary English-speaking Higher Education unit in the Creative Fields in China and beyond. Our students are exposed to a research-informed learning environment that combines art and design knowledge and technical and management education.

Our Bachelor's in Urban Planning and Design is unique in its synthesis of "think globally" and "act locally". Our programmes in Architecture, Civil Engineering and Industrial Design have gained international accreditation, confirming our quality and global recognition of our graduates and their competitiveness in the job market. All programmes integrate the latest advances in AI, Metaverse, Blockchains, Robotics, and other emerging technologies in their areas, and provide flexibility to customise each student's learning experience through tailor-made specialisations and pathways, optional modules, the Extended Study Scheme, summer programmes, workshops and extra-curricular activities.

Dedicated to sustainability, the Design School houses leading research institutes, centres and laboratories focused on sustainable and digital design with significant collaborations, entrepreneurships, and projects with local and international industrial partners.

The Design School plays a leading role in producing high-quality research in a number of areas that include:

- Sustainable regeneration and revitalisation;
- Green and smart cities Digital Twin;
- Circular Economy in the Built Environment
- Digital design and fabrication;
- Sustainable and advanced materials;
- Design for Social Innovation.

西交利物浦大学设计学院是一个跨学科的、全英文授课的设计学院,其在中国乃及全球创意领域都处于领先地位。学院为学生打造了以研究为导向的学习环境,以更好地培养他们的艺术知识、设计思维、技术与管理能力等综合素养。我院城市规划与设计专业通过融合"全球视野"与"在地实践",形成了独具特色的本科课程;建筑学、土木工程及工业设计等专业均已获得国际认证,彰显了卓越的教学质量、毕业生的全球认可度及就业竞争力。所有专业课程均融入人工智能、元宇宙、区块链、机器人等前沿科技领域的最新成果,并通过定制化专业方向、选修课程、扩展学习计划、暑期课程、工作坊及课外活动,为学生提供灵活多元的学习体验。



## **Industrial Design** Architecture 工业设计 建筑学 Prerequisites Prerequisites 先修课 Semester 1: Calculus and Linear Algebra Semester 1: Calculus, and ARCoo1/DESoo3/DESoo2/ 第一学期: 微积分、线性代数 Semester 2: Physics and Multi-variable Calculus 第一学期: 微积分,及 ARC001、DES003、DES002、 DES004 中的任意一门课程 第二学期: 物理、多元微积分 Semester 2: Multi-variable Calculus, and DESoo2/ DESoo4 (unless you take one from ARCoo1, DESoo3, DESoo2, DESoo4 in Semester 1) 第二学期: 多元微积分,及 DES002 或者 DES004 (在第一 学期修读了 ARC001/DES003/DES002/DES004 中任意一门 课程的学生除外) **Urban Planning and Design Civil Engineering** 城乡规划 土木工程 Prerequisites Prerequisites 先修课 N/A Semester 1: Calculus and Linear Algebra 无先修课要求 第一学期: 微积分、线性代数 Semester 2: Multi-variable Calculus 第二学期: 多元微积分

## SCHOOL OF HUMANITIES AND SOCIAL SCIENCES 人文社科学院

The School of Humanities and Social Sciences was established in September 2020 to research and educate across different disciplines in humanities and social sciences. Supported by over 90 staff from more than 15 countries, the School consists of five academic departments: China Studies, International Studies, Media and Communication, Applied Linguistics, and Literary and Translation Studies. The School is dedicated to developing and delivering the most attractive humanities and social science degree programmes for Chinese and international students at undergraduate and postgraduate levels, and committed to developing a centre of research excellence in humanities and social sciences that is recognised within China and internationally.

With the aim of developing outreach and partnerships with domestic and international universities, the School organises collaborative and collective research projects to explore interactions and dialogues between China and the rest of the world. We also proactively engage with the wider academic, business and policy-making communities in the Yangtze River Delta region, as well as nationally in China and abroad. The prioritised research areas of the School include but are not limited to: social changes in China; Jiangnan region's interaction with the rest of China and the world; the Belt and Road Initiative; China's cultural interaction with the world; media and communication activities.

人文社会科学学院成立于 2020 年 9 月,学院拥有来自 15 个国家及地区的 90 多名教研人员,他们以极高的专业素养为学院的教学及研究活动提供支持。学院学生生源面广质优,充分体现了学校多元化、国际化的教学环境与氛围。学院下设五个学术部门:中国研究系、国际关系系、媒体与传播学系、应用语言学系、文学与翻译系。我们致力于为国内及国际本科生与硕士生提供最具吸引力的人文社会科学学位课程,旨在发展成为被国内及国际认可的卓越人文社科研究中心。

人文社科学院积极参与人文学科与社会科学领域内的跨学科研究及区域性研究活动,组织团队合作科研项目,开展高质量研究,推进中国与世界的学术互动与对话,立足中国视角,透析当代世界。同时,学院积极与长三角地区、全国乃至世界范围内的学术、商业和决策机构等展开合作,通过多种形式的合作机制,促进产学研合作,使科研成果最大程度服务于社会公共利益。学院的重点研究领域涉猎广泛,包括但不限于:中国社会变迁、江南地区与中国及世界的互动、"一带一路"相关研究、中国与世界的文化互动以及传播与媒体活动。





## English and Communication Studies 传媒英语

### Prerequisites 先修课

■ N/A 无先修课要求

## English and Business Studies △ 金融商务英语

- Finance and Economics Pathway 金融经济方向

### Prerequisites 先修课

Semester 1: Calculus 第一学期: 微积分

Semester 2: N/A 第二学期: 无先修课要求

- Management Pathway 商务管理方向

### Prerequisites 先修课

■ N/A 无先修课要求

## International Relations 国际事务与国际关系

### Prerequisites 先修课

N/A 无先修课要求

## English Studies in Global Context △ 全球语境下的英语研究

### Prerequisites 先修课

■ N/A 无先修课要求

## Translation and Interpreting 翻译

### Prerequisites 先修课

■ N/A 无先修课要求

### Additional Requirements 额外录取要求

For international students and students from Taiwan, Hong Kong, and Macao whose native language is not Chinese, passing the aptitude test arranged by the Department of Translation and Interpreting or achieving an HSK level 6 is required.

对于母语为非汉语的国际生及港澳台学生,需要通过翻译专业安排的能力测试,或汉语水平考试 6 级。

Δ The programme title may be updated following validation approval of UoL for modifications to the programme. 该专业名称或在利物浦大学完成专业审批后有所更改。

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# INTERNATIONAL BUSINESS SCHOOL SUZHOU 西浦国际商学院

International Business School Suzhou (IBSS) is the oldest and most established academic unit at XJTLU. Founded in 2013 as the University's first school, it has grown to become not only the largest—with over 6,000 students and 180 faculty—but also one of the most internationally recognised. IBSS is the only school at XJTLU to hold international business accreditations, and belongs to an elite group of fewer than 1% of business schools worldwide that are Triple Crown accredited (AACSB, EQUIS, and AMBA/BGA).

This global recognition has enabled IBSS to build deep and sustained collaborations with top international business schools and to attract high-calibre faculty members from around the world. Our graduates regularly progress to leading universities globally, and IBSS is a trusted academic and corporate partner both within China and internationally.

As a research-driven school at the forefront of business innovation, IBSS is also a pioneer in AI integration within education, and benefits from outstanding teaching and research infrastructure—including one of China's largest academic trading floors, a dedicated biometrics laboratory, and a growing suite of intelligent learning environments. These facilities support both pedagogical innovation and applied research in areas critical to the future of business.

As XJTLU continues to evolve, IBSS remains a cornerstone of its academic identity—bridging East and West and setting benchmarks for quality, scale, and impact in business education.

西浦国际商学院成立于 2013 年,是西交利物浦大学历史最悠久、最具底蕴的学院。西浦国际商学院如今已发展壮大,拥有 6000 多名学生和近 180 名教师,成为本校规模最大的学院。同时,西浦国际商学院也是最具国际认可度的学院之一,是西交利物浦大学唯一获得国际商学认证的学院,并且属于全球不到 1% 的获得全球三大国际认证(AACSB、EQUIS、AMBA/BGA)的顶尖商学院行列。

全球范围的高度认可使西浦国际商学院能够与顶尖的国际商学院建立深厚且持久的合作关系,并吸引来自世界各地的高素质教职员工加盟。我们的毕业生普遍进入全球顶尖大学深造。西浦国际商学院在国内外都是值得信赖的学术和企业合作伙伴。

作为一所处于商业创新前沿、以研究为导向的学院,西浦国际商学院也是将人工智能融入 教育领域的先驱,并且受益于出色的教学和研究基础设施,其中包括中国最大规模之一的 金融交易实验室和特设的生物计量实验室,以及日益完善的一系列智能学习环境。这些设 施能有效支持教学创新和对未来商业至关重要的应用研究。

随着西交利物浦大学的不断发展,西浦国际商学院仍然是其<mark>学术特</mark>色的基石 —— 架起东西方交流的桥梁,并在商业教育的质量、规模和影响力方面树立了标杆。

### Accounting 会计学

### Prerequisites 先修课

Semester 1: Calculus 第一学期: 微积分

Semester 2: Multi-variable Calculus 第二学期: 多元微积分

## Additional Requirements 额外录取要求

Subject to the mark of the Calculus module taken in Semester 1.

根据第一学期微积分课程的成绩决定是否录取。

## Business Administration 工商管理

### Prerequisites 先修课

■ N/A 无先修课要求

## Economics and Finance 经济与金融

### Prerequisites 先修课

Semester 1: Calculus 第一学期: 微积分

• Semester 2: Multi-variable Calculus

第二学期: 多元微积分

### **Additional Requirements**

### 额外录取要求

Subject to the mark of the Calculus module taken in Semester 1. 根据第一学期微积分课程的成绩决定是否录取。

## Economics 经济学

### Prerequisites 先修课

Semester 1: Calculus 第一学期: 微积分

Semester 2: Multi-variable Calculus 第二学期: 多元微积分

Additional Requirements 额外录取要求

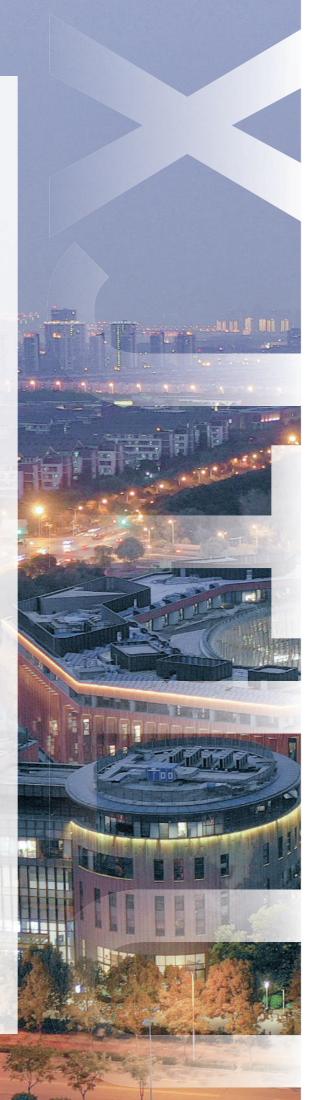
Subject to the mark of the Calculus module taken in Semester 1. 根据第一学期微积分课程的成绩决定是否录取。

## Human Resource Management and People Analytics 人力资源管理

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### Prerequisites 先修课

N/A 无先修课要求



## International Business with a Language 国际商务

### Prerequisites

#### 先修课

Study at least two stages of a language other than English in Stage 1 (e.g. SPA001+SPA002, or JPL001+JPL002, or CLT001+CLT002, or CLT021).

必须在大一修读第二外语课程且至少达到阶段二(如 SPA001+SPA002, JPL001+JPL002, CLT001+CLT002, CLT021)

## Information Management and Information Systems 信息管理与信息系统

## Prerequisites

#### 先修课

Semester 1: Calculus and Linear Algebra

第一学期: 微积分、线性代数

Semester 2: Multi-variable Calculus

第二学期: 多元微积分

### Additional Requirements

#### 额外录取要求

Subject to the average mark of Calculus and the Linear Algebra modules taken in Semester 1.

根据第一学期微积分和线性代数的均分决定是否录取。

## Marketing 市场营销

### Prerequisites 先修课

■ N/A 无先修课要求

## SCHOOL OF MATHEMATICS AND PHYSICS 数学物理学院

The School of Mathematics and Physics is committed to excellence in research and teaching and developing students' potential by encouraging their self-motivation, independent learning and creativity. The School offers three undergraduate programmes including BSc Applied Mathematics, BSc Financial Mathematics, BSc Actuarial Science and four master programmes including MSc Actuarial Science, MSc Financial Mathematics, MSc Data Science and MSc Applied Mathematics as well as one PhD programme in Mathematical Sciences.

数学物理学院致力于卓越的研究与教学,通过鼓励学生的自我激励、自主学习和创造力来 开发学生的潜能。学院提供三个本科专业:应用数学、金融数学、精算学;四个硕士专业: 精算学、金融数学、数据科学和应用数学;以及一个数学博士专业。

## Applied Mathematics 数学与应用数学

### Prerequisites

先修课

Semester 1: Calculus and Linear Algebra 第一学期: 微积分、线性代数

Semester 2: Physics, and Multi-variable Calculus - MTH004/

第二学期: 物理、指定的多元微积分课程 - MTH004 或者 MTH008

#### **Additional Requirements**

#### 额外录取要求

Subject to the average mark of Calculus and the Linear Algebra modules taken in Semester 1.

根据第一学期微积分和线性代数的均分决定是否录取。



## Actuarial Science 精算学

### Prerequisites

#### 先修课

- Semester 1: Calculus and Linear Algebra 第一学期: 微积分、线性代数
- Semester 2: Multi-variable Calculus-MTHoo4/MTHoo8 第二学期:指定的多元微积分课程-MTH004或者MTH008

#### Additional Requirements 额外录取要求

Subject to the average mark of Calculus and the Linear Algebra modules taken in Semester 1.

根据第一学期微积分和线性代数的均分决定是否录取。

## Financial Mathematics 金融数学

### **Prerequisites**

#### 先修课

- Semester 1: Calculus-MTH029/MTH023 and Linear Algebra-MTH017
- 第一学期:指定的微积分课程-MTH029或者MTH023、指定的线性代数课程-MTH017
- Semester 2: Multi-variable Calculus-MTHoo4/MTHoo8 第二学期:指定的多元微积分课程-MTH004或者MTH008

#### Additional Requirements 额外录取要求

Subject to the average mark of the specific Calculus (MTHo29/MTHo23) and Linear Algebra (MTHo17) modules taken in Semester 1. 根据第一学期特定的微积分(MTHo29/MTHo23)及线性代数(MTHo17)的算术平均分决定是否录取。

## SCHOOL OF SCIENCE 理学院

Established in September 2020, the school of science at Xi'an jiaotong-Liverpool University (XJILU) embodies a vibrant commitment to the advancement of knowledge, research excellence, and transformative education within the realm of scientifc inquiry, exploration and innovation. Our School is composed of a tight-knit professional family of international scholars and serves as a beacon for interdisciplinary collaboration and high-quality research outputs.

Embracing our global identity, the School of Science proudly champions international exchange, cooperation and partnership, We welcome and encourage scholars and students from around the world to join our growing academic community, infusing our school environment with a rich diversity of perspectives, ideas and experiences. Our commitment to intercultural dialogue not only enhances our own learning community but also contributes to the global discourse on science and its transformative power to reshape our world.

西交利物浦大学理学院成立于 2020 年 9 月,学院秉持积极科学探案、知识创新、卓越研究和变革性产教融合的理念,由一批国际知名学者组成了一支多学科交叉、专业结构匹配、高效精干、密合作的科研团队,为跨学科合作和高质量研究成果引领方向。

作为一个国际化的学院,西交利物浦大学理学院积极倡导国际交流、合作和伙伴关系,欢迎并鼓励案自世界各地的学者和学生加入我们不断壮大的学术社群,为我们的学院注入丰富的观点、思想和经验,促进跨文化跨国界对话不仅丰富了我们自己的学习社区,也有助于促进全球关于科学以及改变世界格局的探讨。

## Bioinformatics 生物信息学

#### Prerequisites 先修课

Semester 1: Calculus and Linear Algebra 第一学期: 微积分、线性代数

Semester 2: Multi-variable Calculus

第二学期: 多元微积分



## Biological Sciences 生物科学

### Prerequisites 先修课

Semester 1: Calculus 第一学期: 微积分Semester 2: N/A 第二学期: 无先修课要求

### Additional Requirements 额外录取要求

Subject to the mark of the Calculus module taken in Semester 1. 根据第一学期微积分课程的成绩决定是否录取。

## Applied Chemistry 应用化学

### Prerequisites 先修课

Semester 1: Calculus 第一学期: 微积分Semester 2: N/A 第二学期: 无先修课要求

## Environmental Science 环境科学

#### Prerequisites 先修课

Semester 1: Calculus 第一学期: 微积分Semester 2: N/A 第二学期: 无先修课要求

## Biomedical Sciences 生物医学科学

### Prerequisites

#### 先修课

Semester 1: Calculus 第一学期: 微积分Semester 2: N/A

第二学期: 无先修课要求

## Materials Science and Engineering 材料科学与工程

### Prerequisites 先修课

Semester 1: Calculus 第一学期: 微积分

Semester 2: N/A 第二学期: 无先修课要求



## THE ACADEMY OF FILM AND CREATIVE TECHNOLOGY 影视与创意科技学院

The Academy of Film and Creative Technology at Xi'an Jiaotong-Liverpool University is committed to cultivating interdisciplinary talents in the field of digital audio-visual content creation, and promoting the innovative application of creative technology in areas such as art, design, entertainment, and education. The academy integrates cutting-edge technologies like artificial intelligence, virtual reality, augmented reality, mixed reality, and human-computer interaction, exploring the deep integration of art and technology to create immersive art experiences, design innovations, and intelligent education solutions. We focus on areas including film, television, gaming, entertainment, cultural tourism, digital performance, and internet media, aiming to provide students with the professional skills needed for future careers, reshape the employment landscape, and meet the ever-growing demand for cultural, artistic, and entertainment experiences. Our programmes are centred on a competencybased approach, aiming to nurture students' strong adaptability for future career development. With an emphasis on broad-based education, our students are equipped with versatile capabilities in digital audiovisual content production. Upon graduation, they can flexibly choose their career paths, enjoying a wide range of employment opportunities. The Academy of Film and Creative Technology is also a unique multilocation educational model, providing cross-site opportunities for students, staff, industry and society.

### Undergraduate programmes:

- BA Digital Media Arts
- BA Filmmaking
- BA TV Production (TV and Streamline Production)
- BA Arts, Technology and Entertainment with Contemporary Entrepreneurialism (XJTLU Entrepreneur College (Taicang))

#### Master's programmes:

MSc Cultural and Creative Industries (Content Producing/Creative Media/Cultural Industries/Interactive Media)

西交利物浦大学影视与创意科技学院以致力于培养数字音视频内容创作领域的跨学科人才,推动创意科技在艺术、设计、娱乐、教育等领域的创新应用。学院整合人工智能、虚拟现实、增强现实、混合现实、人机交互等前沿技术,探索艺术与科技的深度融合,打造沉浸式艺术体验、设计创新和智能教育解决方案。我们聚焦电影、电视、游戏、娱乐、文化旅游、数字表演及互联网媒体等领域,旨在为学生提供未来职业所需的专业技能,重塑就业格局,满足文化、艺术和娱乐体验的不断增长需求。学院专业设置以能力导向为核心,旨在培养学生在未来职业发展中的强大适应性。注重宽口径培养,使学生在数字视听内容制作领域具备广泛适应力,毕业后可灵活选择职业方向,就业前景广阔。学院以独特的多地点教育授课模式,为学生、员工、行业和社会提供跨区域教学教育机会。

#### 本科专业:

- 数字媒体艺术
- 影视摄影与制作
- 广播电视学(电视及流媒体制作)
- 艺术与科技 (西浦创业家学院(太仓))

#### 硕士专业:

文化与创意产业(内容制片/创意产业/文化产业/交互媒体)



## Digital Media Arts 数字媒体艺术

### Prerequisites 先修课

■ N/A 无先修课要求

## Filmmaking 影视摄影与制作

### Prerequisites 先修课

N/A无先修课要求

## TV Production 广播电视学

## Prerequisites 先修课

■ N/A 无先修课要求

Arts, Technology and Entertainment with Contemporary Entrepreneurialism 艺术与科技 (Taicang)

### Prerequisites 先修课

■ N/A 无先修课要求



## XJTLU ENTREPRENEUR COLLEGE (TAICANG) 西浦创业家学院(太仓)

Located in the Taicang High-Tech Development Zone, north-east of Suzhou, the planning and operation of XJTLU Entrepreneur College (Taicang) builds upon the educational philosophy of Syntegrative Education, to help prepare future leaders for challenges from disruptive technology, rapid innovation and shifting market demand.



Contemporary

Entrepreneurialism

Development

Programme

75% credits

XJTLU Entrepreneur College (Taicang) has co-developed six industry-themed schools, and one academy with our founding industry partners, as well as the Entrepreneurship and Enterprise Hub. The six industry-themed schools and one academy and Hub are listed below along with the undergraduate degree programmes delivered by each industry school respectively (See Table 1). The Entrepreneurship and Enterprise Hub delivers the minor in Contemporary Entrepreneurialism for all of the entrepreneurial degree programmes with the six industry-themed schools and one academy, as well as a Master's degree in MSc Entrepreneurship and Innovation.

西浦创业家学院(太仓)位于太仓市娄江新城科教创新区。以融合和共生为主题,聚焦融合式教育模式,通过大学与企业、行业和社会的深度合作模式,将通识教育、专业教育、行业教育、创业教育、管理与领导力教育融合起来,培养具有国际视野、能够站在人工智能和机器人的肩膀上驾驭未来新发展的行业精英甚或业界领袖。这种新型教育模式不仅能够满足未来的人才需求,而且将有助于中国经济社会的改革和发展,从而增强中国在全球范围内的影响力,并为未来全球高等教育提供一种方案。



西浦创业家学院(太仓)按照行业设置学院,与我们的创始企业合作伙伴共建六大行业学院、一个产业学院。另外,西浦创业家学院(太仓)建设了创业与企业港,为各行业学院本科专业教授管理教育——辅修:创新创业(创业家思维)课程。同时,创业与企业港联合西交利物浦大学多个院系共同开发开设创业与创新硕士课程。



## ENTREPRENEURSHIP AND ENTERPRISE HUB 创业与企业港

The Entrepreneurship and Enterprise Hub (EEH) is a core platform of the Entrepreneur College (raicang) responsible for the development of industry schools and support initiatives. EEH links the resources of the government, enterprises and cooperative organisations, integrating many innovative elements of the wider University, and leveraging the power of industry to curate a technology and entrepreneurship ecosystem. The vision is to be a harbour that nurtures the reinvention and innovation of thousands of industries, and a cradle that helps learners become industry elites. In terms of education and teaching, the Hub empowers the schools of Entrepreneur College (Taicang) through the Syntegrative Education model, where all students at undergraduate take a minor in contemporary entrepreneurship, enhancing students' spirit of innovation, and entrepreneurial mindset as well as their competitiveness in ongoing education. At the same time, the Hub has developed the MSc Entrepreneurship and innovation programme in collaboration with other industry schools to train future innovative business leaders, equipping them with global, societal, and technological skils and perspectives.

XjTLU Clobal Entrepreneurial Dream-chasers Competition focuses on the early stages of innovation and entrepreneurship, aiming to inspire college students not only to pay attention to social issues and business opportunities but also to carefully refine and pitch their ideas, This competition does not require participants to provide product prototypes or marketing feedback for later stages of a formal business plan, instead, participation means each student has the opportunity to deeply experience conceptual development. The competition carries a profound educational mission aiming to promote the transformation of entrepreneurship and innovation education from traditional knowledge and theory to an applied emphasis on real world industrial and societal impact.

Moreover, to transform students' creative ideas into tangible outcomes, the Entrepreneurship and Enterprise Hub has established two major ecosystem platforms: X3 Co-Venture and Innovation Factory. X3 Co-Venture focuses on project incubation and acceleration of innovative ideas, providing comprehensive support for startups from inception through to their transformation to commercial operation and revenue. Innovation Factory is a dedicated place for exploration, capable of converting students' innovative ideas into real products and technological solutions, and solying the problems of industry. These two platforms complement each other, jointly building a comprehensive innovation and entrepreneurship support system for the XJTLU Entrepreneur College (Taicang), fully committed to unlocking student potential and creating value for society.

创业与企业港,作为西浦创业家学院(太仓)的核心平台,致力于搭建大学与行业之间的桥梁,推动行业进步与升级。该平台与政府、企业及多方机构紧密合作,整合创新资源,聚焦科技产业,积极营造创业生态。其目标是成为工业界创新与重期的港湾,助力培养行业精英。在教育方面,创业与企业港通过融合式教育模式,为西浦创业家学院(太仓)的本科学生提供创业辅修课程,旨在提升学生的创新精神与创业能力,为未来升学和职业发展奠定坚实基础。同时,它还与大学多个院系联手,共同开发实践导向的创业与创新硕士专业,致力于培养具有全球视野的未来商业领袖。

为了进一步挖掘和激发学生的创新创业潜能,并为他们提供一个展示和交流的舞台,创业与企业港特别举办了西浦全球创业梦想家大赛。 这项大赛专注于创新创业的早期阶段,不仅激发学生对社会问题的关注和商业机会的洞察,还强调创意的精细打磨。无需提交产品原型或市场反馈,大赛确保了学生的广泛参与,并让他们深入体验创意发展的过程。更为重要的是,这一赛事还承载着推动创新创业教育模式革新的使命,倡导实践导向,努力促进教育从理论向素养的转变。

此外,为了将学生的创意转化为实际成果,创业与企业港设立孵化器浦创汇,并联合创新工场共同支持学生创新创业发展。浦创汇专注于项目的孵化与加速,为初创项目提供从诞生到商业化的全方位支持;而创新工场则致力于将学生的创意转化为真实的产品与技术解决方案。这两大平台相辅相成,共同构建起西浦创业家学院(太仓)完备的创新创业支持体系,致力于充分挖掘学生的潜力,为社会创造更多的价值。



## Innovation Factory: Supporting Students to Turn Ideas into Reality 创新工厂:支持学生把想法变成现实

Having ideas - and the ability to turn them into reality - is a fundamental quality for engineering students. The Innovation Factory exists as a supportive platform to help students bring their ideas to life. Beyond integrating and opening all on-campus laboratories to students, the Innovation Factory also follows engineering and tech development processes to match students with relevant resources and experts, guiding them through the journey of transforming ideas into tangible projects.

The Innovation Factory consists of two main functional centres.

The first is a personalised technology support platform that serves the technical needs of students, faculty, and industrial partners. It connects all laboratories and equipment on campus and makes them accessible via an online system. Students can submit their needs online, and a dedicated technical support team provides personalised assistance, guiding them through technical tasks and helping them realise their ideas.

The second is the comprehensive solution centre, which focuses on developing end-to-end technical solutions in key current and future industrial fields. For instance, the consumer robotics solution centre focuses on intelligent robotics for home and consumer scenarios. It supports the entire product development process—from market and user research, defining core technical challenges, technology development, prototype design and manufacturing, to functionality testing—delivering full-process support grounded in technological innovation.

Additionally, the Innovation Factory serves as a launchpad for student innovators to experiment with turning their ideas into real products, processes, or solutions. It enriches their educational experience by offering a wealth of resources, facilities, and expert guidance.

With a unified tech support platform and personalised assistance, the Innovation Factory provides all-round support for students' golden ideas. Currently, it is equipped with incubation spaces, laboratories, funding, and a professional operational team. Incubated projects span cutting-edge fields such as AI, 3D printing, robotics, biosensors, wearable tech, and medical imaging, with applications in intelligent manufacturing, interactive tech, healthcare, new energy, new retail, e-commerce, education, and lifestyle and entertainment.

Innovation teams benefit from expert guidance across different XJTLU schools, use of campus labs for R&D, and empowerment from the Innovation Factory team and external industry mentors and resources.

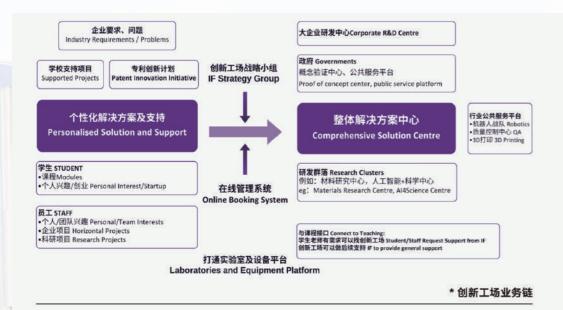
The **personalised support centre** is dedicated to assisting students, faculty, and industry-led entrepreneurial or research projects based on individual or team interests. It introduces real-world industry problems to foster deep integration of industry, academia, research, and innovation training. XJTLU also supports personalised student innovation through initiatives like the **patent innovation project**, which opens over 230 patents for use. Student teams can choose a patent, then leverage lab resources, technical support, mentorship, and funding from the Innovation Factory to turn creative concepts into real products and experience the full journey from idea to prototype.

有想法并且能够把想法变成现实是工科学生的基本素养,创新工场则是支持有想法的学生把想法变为现实的支持平台。创新工厂除了把所有的校园实验室连为一体对学生开放外,还将按照工程和技术类项目的开发流程,匹配相关的资源和专家,引导和支持学生开发项目,动手把想法变为现实。

创新工场主要由两大功能中心组成,一是支持学生、老师和企业的个性化技术需求的平台,这一平台首先将整个校园的所有实验室和设备连接起来,通过在线系统对学生开放,学生在线提交自己的诉求后,由专门的技术支持团队来为学生的想法或项目提供个性化的技术支持方案并全程指导学生完成技术任务。二是整体方案中心,这是针对当前和未来行业中的核心技术开发领域设立的整体性解决方案的提供者,致力于针对特定领域形成一站式全链条的技术服务。例如,目前建设的消费端机器人整体方案中心就是针对消费端和家庭场景中的智能机器人领域,从调研市场和用户需求,定义核心技术问题,到技术的研发、产品原型的设计和制造以及功能测试,提供基于技术创新的产品研发全流程支持。

创新工场提供统一的技术支持平台和个性化需求支持,全方位为实现学生的金点子保驾护航。目前,创新工场配置了孵化空间、实验室、资金及整套专业团队进行日常运营管理,孵化项目涉及 AI、3D 打印、机器人、生物传感器、可穿戴设备、医疗影像等前沿领域,并应用于智能制造、智能交互、医疗、新能源、新零售、电子商务、教育、生活娱乐等场景。创新团队在运营中不仅可以获得西浦各学院的专家指导,使用校内实验室进行日常研发,而且在研发过程中还能获得创新工场团队及外部行业导师和资源的赋能。

个性化方案支持中心致力于支持学生、教职工以及企业基于个人或团队兴趣而发起的创业或科研项目。该中心引入企业面临的实际问题,促进产业界、学术界、研究界和创新训练的深度融合。此外,西交利物浦大学还启动了大学支持的个性化项目支持,例如专利创新运营项目,开放超过230项技术专利的大学专利池,鼓励学生团队选择相应专利,并利用创新工场提供的实验室资源、技术支持、导师指导及资金援助,将创意想法转化为实际产品,亲身体验从概念到成品的创造过程。



X3 Co-Venture (X3CV): Supporting Students in Creating Social Value through Projects 浦创汇: 支持学生通过项目为社会创造价值

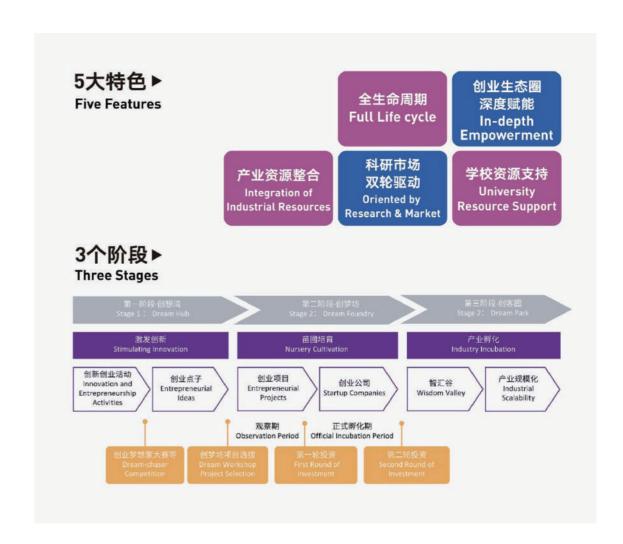
X<sub>3</sub>CV nurtures students' innovation and entrepreneurial potential through a three-stage development path: Stimulating Innovation, Nursery Cultivation, and Industry Incubation.

In the **Stimulating Innovation Stage**, X<sub>3</sub>CV organises the XJTLU Global "Dream-Chasers" Entrepreneurial Competition, innovation salons, industry sharing sessions, and student entrepreneurship clubs to spark enthusiasm, foster creativity, and build innovation and entrepreneurship skills among students.

In the **Nursery Cultivation Stage**, early-stage student projects that are not yet ready for industrial-level incubation receive targeted support through mentorship, resource empowerment, and capacity-building services—helping them transition smoothly into the industrial incubation phase.

In the **Industry Incubation Stage**, X<sub>3</sub>CV collaborates closely with industry partners to co-create a high-tech-focused "industry-academia-research" innovation ecosystem. It aims to build a full-chain incubation and investment system—from entrepreneurial activities and ideas to startups and industrial incubation.

浦创汇通过"激发创新、苗圃培育、产业孵化"三个阶段,充分发掘学生创新创业潜力。在"激发创新"阶段,将会举办西浦全球创业梦想家大赛、创新沙龙、行业分享会、学生创业社团等活动,激发学生的创新创业热情、培养学生的创造力、提升学生的创新创业技能;在"苗圃培育"阶段,通过创业导师辅导、创业资源赋能、能力中心支持等方式,针对仍未达到产业孵化要求的早期创业项目进行培育,帮助其顺利过渡到产业孵化期;在"产业孵化"阶段,通过与行业伙伴进行深度合作,共同打造聚焦高新技术产业的"产、学、研"创新孵化生态。浦创汇致力于打造从"创新创业活动、创业点子、到创业项目、到创业公司、到产业孵化"的全链条投资孵化体系。



Since its founding in September 2023, X3CV has signed pre-incubation agreements with 24 student teams as of April 2025. Among the 24 projects are an AI system to enhance recruitment processes, a robotic arm that organises objects in specific sequences, and a metaverse experience platform for students and businesses. These initiatives ensure that diverse social groups can benefit equitably from new digital developments. X3CV-incubated teams also focus on socially impactful innovation, serving communities such as the visually impaired, hearing impaired, and elderly. Team members have achieved notable academic outcomes through these practices. For example, Mr. Wang Zhanbo, CTO of the project AI Zhitu, will begin postgraduate studies at the University of Bristol. Meanwhile, more students are securing admission offers from both domestic and international universities, reflecting how the skills they have developed through their practice at X3CV are steadily translating into new academic opportunities.

自 2023 年 9 月成立以来,截至 2025 年 4 月,浦创汇已有 24 个团队项目签署了预孵化协议。在这 24 个团队中,有包括旨在促进求职和招聘的人工智能系统、能够按特定顺序整理物品的机械臂,以及为学生和企业提供元宇宙体验的项目。这些举措确保了多个社会群体能平等地从新的数字发展过程中受益。从浦创汇孵化出来的团队,以其多样化的社会影响力项目,积极服务于视障人士、听障人士和老年人。通过一系列的实践,团队成员也获得了学术上的显著益处。例如, AI 智途的首席技术官王占波先生将开始在布里斯托大学攻读研究生课程。与此同时,也有更多学生陆续收到来自国内外高校的录取通知书,体现了他们在浦创汇实践中积累的能力正逐步转化为学术发展的新机遇。

## SCHOOL OF AI AND ADVANCED COMPUTING 人工智能与先进计算学院

At the School of AI and Advanced Computing, XJTLU Entrepreneur College (Taicang), we take pride in our commitment to fostering the next generation of digital trailblazers. With a legacy of excellence in education, ground-breaking research, and transformative industry collaborations, we stand at the forefront of cutting-edge AI and Data Science technological advancements, and prepare to embark on an extraordinary journey of discovery, innovation, and limitless possibilities.

在西浦创业家学院(太仓)人工智能与先进计算学院,我们以致力于培养下一代数字开拓者为荣。凭借在教育、突破性研究和变革性行业合作方面的宝贵财富,我们站在人工智能和数据科学技术进步的前沿,准备踏上发现、创新和无限可能的非凡旅程。

# Data Science and Big Data Technology with Contemporary Entrepreneurialism 数据科学与大数据技术

### Prerequisites

先修课

Semester 1: Calculus and Linear Algebra

第一学期:微积分、线性代数

Semester 2: Multi-variable Calculus

第二学期: 多元微积分

## Artificial Intelligence - Advanced Industrial AI Pathway 人工智能

## Prerequisites

先修课

Semester 1: Calculus and Linear Algebra

第一学期: 微积分、线性代数

• Semester 2: Multi-variable Calculus

第二学期: 多元微积分



## SCHOOL OF INTELLIGENT MANUFACTURING ECOSYSTEM 智造生态学院

The School of Intelligent Manufacturing Ecosystem focuses on advanced technology in intelligent manufacturing to respond to the rapid technological succession of intelligent applications in enterprises in the context of Industry 4.0. The school offers BEng Intelligent Manufacturing Engineering with Contemporary Entrepreneurialism, combining modules about advanced manufacturing technologies and smart manufacturing management systems. With abundant industry partners, a high staff-student ratio, and brand-new equipment in seventeen laboratories, the school provides students with diverse research opportunities and strong support in career development.

智造生态学院重点关注未来智能制造领域的先进技术,以应对工业 4.0 背景下企业智能化应用的迅速迭代。学院现设置智能制造工程本科专业,融合先进制造技术与智造管理系统课程,拥有超规格的师生比、多门类实验室和全新实验设备,为学生提供充沛的产教融合企业资源、多样化的科研机会,以及暑期实训和实习机会。

## Intelligent Manufacturing Engineering with Contemporary Entrepreneurialism 智能制造工程

## Prerequisites

先修课

Semester 1: Calculus and Linear Algebra

第一学期: 微积分、线性代数

Semester 2: Multi-variable Calculus

第二学期: 多元微积分

## SCHOOL OF INTERNET OF THINGS 物联网学院

The School of Internet of Things (IoT) at XJTLU Entrepreneur College in Taicang, one of its seven founding industry schools, specializes in IoT's applied engineering and industry aspects. It covers Communication Networks, Sensor Technology, Cyber-Physical Systems, Embedded Systems, Alenhanced IoT, Wearable Technologies for smart health, and various manufacturing applications. The School's Engineering program stands out for its unique mix of industry insights and entrepreneurial skills. Its teaching methods are creative, utilizing problem-based and project-based learning and real-world assessments. To support learning, the school offers state-of-the-art labs and flexible workspaces to encourage experimentation and innovation.



物联网学院是西浦创业家学院(太仓)的七大创始学院之一,以其多元化的专业课程在物联网工程领域独树一帜,涵盖了通信网络、传感器技术,网络安全系统,嵌入式系统、人工智能物联网、可穿戴技术以及多种制造业应用。物联网工程专业巧妙地将行业洞察与创业精神融为一体,教育方法创新而前沿,它通过基于问题和基于项目的学习方法,模拟真实世界中的挑战,以此评估和培养学生的实践能力。为了促进融合式教育模式,学院配备了尖端的实验室和灵活的工作空间,以鼓励学生进行实验探索和创新实践。

## Internet of Things Engineering with Contemporary Entrepreneurialism 物联网工程

### Prerequisites 先修课

Semester 1: Calculus and Linear Algebra

第一学期:微积分、线性代数

Semester 2: Multi-variable Calculus

第二学期: 多元微积分

## SCHOOL OF ROBOTICS 智能机器人学院

As one of the seven founding industry schools of XJTLU Entrepreneur College (Taicang), the School of Robotics focuses on advanced technology and applications in intelligent robotics, artificial intelligence, and machine learning to create a future-focused learning ecosystem. Through Syntegrative Education, the School of Robotics aims to foster leaders who will push the horizon in intelligent robotics and deliver meaningful solutions.

智能机器人学院是西浦创业家学院(太仓)七大创始行业学院之一。学院聚焦智能机器人、人工智能和机器学习等领域的先进技术及其应用,致力于构建面向未来的学习生态系统。秉持融合式教育理念,智能机器人学院旨在培养能够突破智能机器人领域前沿、推动行业发展,并为相关领域提供创新性解决方案的行业领导者和决策者。

## Intelligent Robotics Engineering with Contemporary Entrepreneurialism 机器人工程

#### Prerequisites 失修理

Semester 1: Calculus and Linear Algebra

第一学期:微积分、线性代数

Semester 2: Multi-variable Calculus

第二学期: 多元微积分

## SCHOOL OF INTELLIGENT FINANCE AND BUSINESS 产金融合学院

School of Intelligent Finance and Business (IFB) is one of the industry schools at XjTLU Entrepreneur College (Taicang) dedicated to the education and research of future business intelligence and digitalization. By integrating supply chain, information technology, financial technology, and entrepreneurial knowledge, and employing "Syntegrative Education" as the means, it aims to imbue students with innovative thinking and the ability to solve real-world problems based on practical industry scenarios, cultivating international industry elites who will lead the future development of their felds.

产金融合学院是西浦创业家学院(太仓)行业学院之一,致力于未来商业智能和数字化的新商科教育和研究,通过将现代化供应链、信息技术、金融科技,以及创业知识相贯通,以"融合式教育"为手段,基于实际应用的行业场景,赋予学生创新思维和解决实际问题的能力,培养引领未来行业发展的国际化行业精英。

## Intelligent Supply Chain with Contemporary Entrepreneurialism 供应链管理

#### Prerequisites 先修课

Semester 1: Calculus 第一学期: 微积分

Semester 2: Multi-variable Calculus

第二学期: 多元微积分

## SCHOOL OF CHIPS 芯片学院

The School of CHIPS targets cutting-edge technologies in the chips field, focusing on advanced scientific and technical challenges. It emphasizes interdisciplinary integration and industry collaborations, aiming to cultivate high-level, application-oriented, and multidisciplinary talents in the chips sector who are urgently needed by the community. These talents are expected to possess innovative capabilities, an international perspective, and entrepreneurial spirit. The school of CHIPS offers an undergraduate programme in Microelectronics Science and Engineering, Master of Research Programme in Advanced Microelectronic Technology and Materials and PhD Programme. The UG programme emphasizes a broad acquisition of industry skills, in-depth research into integrated circuit hardware knowledge and applications, and a solid grasp of semiconductor and chip technologies. The curriculum covers topics such as semiconductor materials, semiconductor physics, circuit design, integrated circuit layout automation, chip manufacturing, integrated circuit processes, testing and packaging, nanotechnology, and chip-based sensors with applications. The MRes Programme covers the the microelectronic device and micro/nano fabrication.

Our research programmes (MRes and PhD) focus on the sensing technology, AI technology, new materials for CHIPS and applications in healthcare. The School of CHIPS is focusing on building a high-level international faculty team to meet the needs of student development, and at the same time, in the future, it will actively explore the integrative education model and cultivate integrated talents who understand both chips technology, management and finance that are really needed in the hot market.

芯片学院瞄准芯片领域的高端技术,聚焦前沿科学问题和技术难题,强化学科交叉融合以及行业合作,培养国家急需的具有创新能力、国际视野和企业家精神的芯片领域高层级应用和复合型人才。目前,芯片学院设置微电子科学与工程本科专业、先进微电子技术与材料硕士专业和博士研究生专业,本科专业着力学生广泛学习行业技能、深入研究集成电路硬件知识及应用、扎实掌握半导体及芯片技术,课程内容涉及半导体材料、半导体物理、电路设计、集成电路布图自动化、芯片制造、集成电路工艺、测试与封装、纳米技术、芯片传感器及应用。硕士专业主要深入讲授微电子器件和微纳制造技术,硕士和博士课题基于微电子技术在传感技术、AI技术,新型芯片材料和大健康领域前沿研究进行探索。学院以校企合作、多学科交叉融合尤其是芯片技术在生物医学健康领域的应用,结合人工智能为三大发展方向。随着学生规模的快速增长,芯片学院将着力建设高水平国际化师资队伍满足学生发展的需求,同时,在未来积极探索融合式教育模式。培养市场紧缺的既懂芯片技术术、又懂管理和金融的融合式人才。

## Microelectronic Science and Engineering with Contemporary Entrepreneurialism 微电子科学与工程

#### Prerequisites 先修课

Semester 1: Calculus and Linear Algebra

第一学期: 微积分、线性代数

Semester 2: Multi-variable Calculus

第二学期: 多元微积分

## XJTLU WISDOM LAKE ACADEMY OF PHARMACY 西浦慧湖药学院

XJTLU Wisdom Lake Academy of Pharmacy, located in Suzhou Industrial Park (SIP) which is one of the most innovative and influential biopharmaceutical parks in China, was co-established by Xi'an Jiaotong-Liverpool University and SIP Administrative Committee on November 11, 2020 in response to the "Pharma Valley of China" strategy. Recognised as the catalyst and enabler for building a first rate and sustainable society-university-industry ecosystem, the Academy is committed to transforming Suzhou into a world-class biopharmaceutical and healthcare hub and a globally recognised, influential and best-in-class industry landmark in China.

Adhering to the principles of "uniqueness, interdisciplinary integration, and future-oriented development," the Academy offers undergraduate, postgraduate and doctoral programmes. We currently offer three undergraduate programmes: Pharmaceutical Sciences, Biopharmaceuticals, and Applied Statistics (Biomedical Statistics). Additionally, we offer seven master and doctoral programmes in Pharmaceutical Sciences, Medicinal Chemistry, AI Drug Discovery and Development, Regulatory Sciences, Pharmaceutical Management, Clinical Pharmacy, and Applied Statistics. Among these, the Biopharmaceuticals undergraduate programme has been awarded as the Jiangsu Brand Programme Development Project- Phase III.

The Wisdom Lake Academy of Pharmacy integrates industry and ecological needs into every aspect of pharmaceutical education and talent cultivation, aiming to build an industry-oriented, integrated talent development system for the pharmaceutical industry. It is dedicated to cultivating internationally competitive, high-end, interdisciplinary, and urgently needed talents who are highly sought after by employers. Under this framework, the Academy has incorporated all functions of pharmaceutical companies, including drug R&D, technical support, and administrative management, into the educational process. It combines professional training with practical opportunities, promoting a new educational model that aligns with the functional modules of pharmaceutical companies.

The Academy has assembled an international full-time faculty and research team in cutting-edge fields such as AI drug discovery and development, as well as regulatory sciences and pharmaceutical management. It has also appointed industry professors with profound industry experience to form an "academic + industry" co-supervision system, providing students with comprehensive guidance. Upon graduation, students are expected to possess both professional knowledge and industry skills, making them competent for relevant positions in companies.

The Academy has established strategic partnerships with over 60 biopharmaceutical companies, including Hengrui Pharmaceuticals, AstraZeneca, and Corning Advanced Flow Pharmaceutical Technology. We have also set up teaching practice bases in leading innovative drug companies such as BeiGene, Kelun Pharma, Porton Advanced and Crystal Pharmatech. Through extensive industry-academia cooperation, the Academy offers students abundant research and practical opportunities, bridging academic achievements with industrial needs and helping students refine their skills and broaden their horizons in real-world settings.

The Academy implements a research strategy that focuses on both fundamental research and industry development, concentrating on three key areas: AI drug discovery and development, regulatory and management. We have established several government-approved research platforms, including the Key (Construction) Laboratory for Jiangsu Province Universities: Nanoformulation for Cell Therapy, the Innovation Platform for Chronic Disease Study, and the Macro-Molecular Characterization Analysis Center. Additionally, we have co-built research/service institutions such as the NextGen Pharma X Proof of Concept Centre, the XJTLU-UOL Joint Centre for Pharmacology and Therapeutics, and the Laboratory Animal Centre. The Academy also features seven technical platforms to better meet industrial R&D needs and focus on cutting-edge technologies for drug discovery and development.

西浦慧湖药学院由西交利物浦大学与苏州工业园区应"中国药谷"战略于 2020 年 11 月 11 日共同建立,其校园坐落于苏州工业园区,全国最具创新力和影响力的知名生物医药产业园区之一。西浦慧湖药学院旨在协同政府、产业、社会多方合作,打造"社会-大学-产业"多元融合体系,孵化世界一流生物医药国际创新生态。为建设国际知名、国内最具标识度、最具影响力药学院,西浦慧湖药学院主动担当生态赋能引擎,全力推动产业高质量、高效率、可持续性发展,助力苏州市建成世界级生物医药及健康产业地标。

秉承"独具特色、交叉融合、预判未来"的原则,药学院开展本科和硕博层次教育,设有药学、生物制药和应用统计学(生物统计方向)三个本科专业,药学、药物化学、人工智能药物发现、监管科学、制药管理、临床药学、生物统计七个专业方向的硕士和博士学位项目。其中,生物制药本科专业获批江苏高校品牌专业建设工程三期项目。

西浦慧湖药学院将产业和生态需求贯穿于生物医药人才教育与培养的各个环节,打造"产业导向"的生物医药人才贯通式培养体系,致力于培养企业亟需的、学以致用的国际化应用型高端复合型、紧缺型人才。在此体系下,药学院将药企的药物研发、技术支持和行政管理职能全部植入到教育过程之中,将专业培养课程与场景实践机会相结合,积极推动以药企职能模块进行教学的新型教育模式。

药学院按照世界知名大学标准选聘师资,搭建了在创新药研制和监管等前沿领域国际化、高水平全职教学科研团队,并选聘具备深厚行业经验的企业教授,实行"学术+产业"双导师制,为学生提供全面指导,使他们在毕业时既具有专业知识又具备行业技能,能够直接进入企业胜任相关业务。

学院已与恒瑞医药、阿斯利康、康宁连续制药科技等 60 余家生物医药企业建立了战略合作伙伴关系,并在百济神州、科伦药业、博腾生物、晶云药物等创新药领军企业设立教学实践基地,通过广泛的产学研合作为学生提供丰富的科研和实践机会,让学术积累与产业需求无缝衔接,帮助学生在真实场景中锤炼技能、拓展视野。

学院实施基础研究和专注于促进产业发展的研究战略,致力于满足产业需求的科研实践,重点发展人工智能药物研发与药物智能制造、生物材料与药物递送、药事监管与制药管理三大方向。建有江苏省细胞治疗纳米制剂重点(建设)实验室、退行性疾病药物研究平台、生物大分子表征分析中心、单分子单细胞成像分析创新(科研)平台等政府科研平台,并与国家生物药技术创新中心共建成立了未来医疗技术概念验证中心、与英国利物浦大学共建成立了西浦-利物浦大学药理学和治疗学联合研究中心等科研/服务机构,聚焦药物研发的前沿技术,为高水平科学研究、应用转化和拔尖创新人才培养提供坚实支撑。

## Biomedical Statistics 应用统计学

### Prerequisites

#### 先修课

Semester 1: Calculus and Linear Algebra 第一学期: 微积分、线性代数

Semester 2: Multi-variable Calculus - MTHoo4/MTHoo8 第二学期:指定的多元微积分课程 - MTH004 或者 MTH008

## Additional Requirements

#### 额外录取要求

Subject to the average mark of Calculus and the Linear Algebra modules taken in Semester 1.

根据第一学期微积分和线性代数的均分决定是否录取。

## Pharmaceutical Sciences 药学

### Prerequisites 先修课

Semester 1: Calculus 第一学期: 微积分

Semester 2: Multi-variable Calculus

第二学期: 多元微积分



## Biopharmaceuticals 生物制药

### Prerequisites 先修课

Semester 1: Calculus 第一学期: 微积分

Semester 2: Multi-variable Calculus

第二学期: 多元微积分

## Notes 请注意

The offering in Mathematics varies for different subject groups or programmes. Unless specified in the prerequisite requirement, the mathematics modules with the same subject but with different module codes can serve as prerequisites.

When the Calculus and Linear Algebra serve for the purpose of programme admission, as listed in the additional requirements of Programme Entry Requirements, the marks of any Calculus and Linear Algebra modules you take in Semester 1 according to your own module selection will be used for programme admission with equal value.

同一门数学课程会根据大类或者专业定制不同的教学计划。除一些专业已指定数学先修课的课程代码外,同一科目下不同代码的数学课均可作为专业所要求的相应先修课。

微积分和线性代数的成绩作为专业额外录取条件时,直接采用相关课程的总评成绩,不因学 生个人选课的差异而对成绩做权重上的区分。

# USEFUL MATERIALS & TOOLS 实用信息及工具

## Stage 1 Optional Module Introduction 大一选修课简介

Stage 1 Optional Module Introduction provides a brief description of all available Stage 1 optional modules, which will be accessible on e-Bridge starting from August 3rd.

你可以在 8 月 3 号之后在此查看大一选修课简介,获取所有大一选修课的性质等相关内容介绍。 Route 路径:e-Bridge->Registration->Module Registration->Useful Materials

### Useful Materials

Stage 1 Registration Guide

Stage 1 Optional Module Introduction will be available from August 3rd

## Programme Entry Requirements Checking 专业录取条件查询

Route 路径: e-Bridge -> Registration -> Module Registration -> Useful Tools

### Useful Tools

Programme Entry Requirements checking

Click to Start

Programme Entry Requirements Checking can help you to quickly locate at most three programmes with detailed entry requirements including module requirements and other additional requirements if applicable. It will help you make module choices in the module selection section according to your intended programme(s).

专业录取条件查询工具可以帮助你快速同时定位到至多三个专业的录取要求,如专业相关课程要求以及是否有额外录取要求等。这将有效地帮助你根据意向专业准确选择相应的课程。

## Programme Specification 专业教学计划

Route 路径: e-Bridge -> Academic -> Programme and Module-> Programme Specification

Programme Specification describes the aims and learning outcomes of the programme and the way these are achieved through teaching, learning and assessment. You can find the modular structure of the programme and UoL study route information, etc. from Programme Specification.

专业教学计划介绍了课程的教学,学习和考核相关内容,以及所达成的教学目标。通过专业教学计划,你可以查询到该专业四年的课程安排以及该专业是否有 2+2/2+1+1 学习路径等信息。

## Module Specification 课程教学大纲

Route 路径: e-Bridge -> Academic -> Programme and Module -> Module Specification

Each module has its own aims and outcomes and may be taught and assessed in a variety of ways, all details of which can be found in the Module Specification.

你可以通过<mark>课程</mark>代码在课程教学大纲检索工具中找到最新的课程教学大纲。在课程教学大纲中你可以了解到该课程的学习目标以及相关的考核方式等详细信息。







## STUDENT ADMINISTRATION TEAM OF REGISTRY

The Student Administration Team is responsible for the central management of student records and student administrative processes throughout student university lifecycle from enrolment to graduation. If you have any queries about the personal information or academic details displayed on the Registration page of e-Bridge, please contact the Student Administration Team at StudentRecords@xjtlu.edu.cn.

## 教务处学生学籍管理组

教务处学生学籍管理团队负责学生学籍信息的集中管理,学生注册信息的日常管理及维护,以及为学生提供相关行政事务的支持等。如对 e-Bridge 的学年注册页面中你的个人信息或者注册状态有任何疑问,请及时发邮件联系学生学籍管理组(StudentRecords@xjtlu.edu.cn)进行咨询。

## TIMETABLING TEAM OF REGISTRY

The Timetabling Team is responsible for the student module enrolment, including optional module selection, and university teaching timetable construction process. If you have any questions regarding the module enrollment and module selection on e-Bridge, please contact the Timetabling Team at timetables@xjtlu.edu.cn.

## 教务处课表支持组

教务处该团队负责学生课程注册与相关信息管理,以及学校教学时间表的构建。如对你的课程注册和课程选择有任何问题,请及时发邮件联系课表支持组(Timetables@xjtlu.edu.cn)。

## **FINANCE OFFICE**

The Finance office is located on the 10th floor, Central Building. It strives to ensure the University has robust financial control and provides relevant financial support and information to colleagues and students. You may seek help either via email at Finstu@xjtlu.edu.cn or by phone at 0512-88167890/0512-81888317. The business hours of Financial Office is from 9:00-12:00, 13:00-17:00 Monday to Friday (except public holidays).

## 财务办公室

西交利物浦大学财务办公室致力于为学校提供强有力的金融管控和有效的财务支持,并向员工,学生及相关外部机构提供各自所需的财务服务和信息。你可以前往中心楼 10 楼,或者通过拨打电话 O512-8816789O/O512-81888317 或发送邮件至 Finstu@xjtlu.edu.cn 寻求解答。工作时间为周一至周五 9 点到 12 点,13 点到17 点(公共节假日除外)。

## IT SERVICE CENTER

IT Service Center will provide assistance if you have any problems with your e-Bridge account and password reset. You may seek help either via email at IT@xjtlu.edu.cn or by phone at 0512-88161250 or go to the help desk located on the 9th floor, Central Building directly in person. The business hours of IT Services Center is 9:00-12:00, 13:00-17:00 from Monday to Friday (except public holidays).

## IT 服务中心

如果你在注册过程中有任何关于 e-Bridge 账户和密码重设的问题,你可以前往中心楼 9 楼 IT 服务中心寻求帮助,或者通过拨打电话 o512-88161250 或发送邮件至 IT@xjtlu.edu.cn的方式寻求解答。工作时间为周一至周五 9 点到 12 点,13 点到 17 点(公共节假日除外)。