第一学年 Year 1

核心课程 Core Modules

- **应用研究技术与方法**
  Applied Research Techniques and Methodologies
- **智能机器人及应用**
  Intelligent Robotics and Applications
- **工业物联网**
  Industrial Internet of Things
- **先进机器人智能和机器学习**
  Advanced Robotics Intelligence and Machine Learning
- **智能机器人中的机电一体化**
  Contemporary Mechatronics in Intelligent Robotics
- **控制与传感器技术应用**
  Control and Sensor Technologies Applications

选修课程 Optional Modules

- **先进计算机视觉**
  Advanced Computer Vision
- **先进机器人算法设计**
  Advanced Robotics Algorithm Design
- **沉浸式机器人工作室 1**
  Immersive Robotics Studio 1
- **沉浸式机器人工作室2**
  Immersive Robotics studio 2
- **领导力**
  Leadership
- **公司治理及战略**
  Corporate Governance & Strategy
- **技术与创新管理**
  Technology and Innovation Management
- **尖端技术在机器人设计中的应用**
  Application of Cutting Edge Technologies in Robotics Design

第二学年 Year 2

第三学期 SEM3

- **实习**
  Internship
- **工学结合项目**
  Work-Integrated-Learning Project

第四学期 SEM4

- **先进工业项目**
  Advanced Industrial Project
- **研究论文**
  Research Dissertation

WeChat

Website

微信视频号：
@西浦创业家学院

Instagram:
@xjtlu_taicang

LinkedIn:
@xjtlu-entrepreneur-college-taicang

发送邮件咨询专业相关问题:IRE@xjtlu.edu.cn。如有其他疑问，请用你的西浦申请注册邮箱联系 pgadmissions@xjtlu.edu.cn，邮件中须注明姓名、 申请号及申请专业。
Contact us: IRE@xjtlu.edu.cn
International students admission: international@xjtlu.edu.cn

ADVANCED ROBOTICS SYSTEMS
先进机器人技术系统

Master of Science 理学硕士专业

- **Start date** 开始时间
  September 2026
  2026年9月
- **Duration** 学习时长
  24/36 months (full/part-time)
  24个月(全日制) /36个月(非全日制)
- **Location** 学习地点
  XJTLU Entrepreneur College (Taicang) , SuZhou , China
  西浦创业家学院(太仓) , 苏州市
- **Degree** 授予学位
  Master of Science Awarded by the University of Liverpool
  英国利物浦大学理学硕士学位

Xi'an Jiaotong-Liverpool University
西交利物浦大学

WELCOME TO
OUR SCHOOL

西交利物浦大学

是由西安交通大学与英国利物浦大学合作成立的一所研究向的大学，鼓励科研人员自主选择科研方向、组建科研团队，开展原创性基础研究和面向需求的应用研发等一系列高质量的科研工作。

UNIVERSITY OF LIVERPOOL

Xi'an Jiaotong-Liverpool University 西交利物浦大学

英国利物浦大学

软科排名	世界学术排名 #101
USNEWS	世界大学排名 #137
	英国大学排名 #15

西浦创业家学院 (太仓) 智能机器人学院

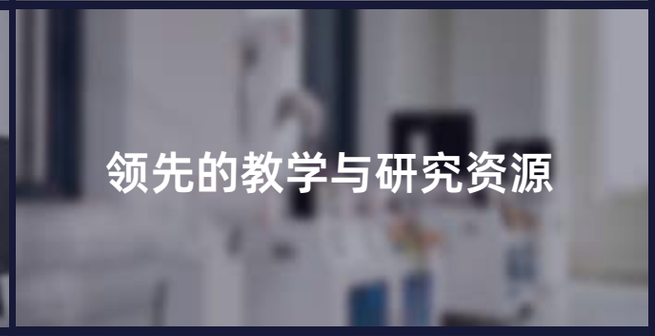
以培养行业领导者及行业精英为目标，通过融合式教育，推动智能机器人工程的视界线，为学科发展提供有意义的解决方案。学院与机电一体化、自动化、工业/家庭/服务机器人、人工智能和机器学习等领域的行业合作伙伴进行了广泛的合作。当前学院的合作伙伴包括中科新松机器人、科沃斯机器人、追觅科技、博众机器人、汇川技术、思必驰科技、海尔集团等。

以下为智能机器人学院部分合作伙伴：

SIASUN 新松 · 法奥意威 · ECOVACS · Haier · QUANSER · KÄRCHER 德国卡赫 · BOZHON 博众 · dreame 追觅科技 · INOVANCE 汇川技术 · AISPEECH

选择本专业的优势

先进机器人技术系统硕士专业旨在为学生提供机器人系统方面的先进知识和技能。选择先进机器人技术系统硕士专业有诸多优势，学生将收获领先的专业知识，以及多方面的实践技能和个人发展能力。



升学与就业

先进机器人技术系统硕士专业毕业生就业前景极其广阔，覆盖了快速发展的机器人、人工智能及各类智能系统领域。本专业不仅为学生提供了深入的理论知识，还注重实践能力的培养，让学生们能够在多元化的行业中扮演关键角色。目前，中国乃至全球对于机器人领域的专业人才需求持续增长，尤其是在智能制造、医疗保健、农业自动化、服务业以及科技创业等行业。

毕业生可以从事的行业和岗位包括但不限于

人工智能和机器人集成专家	开发集成AI技术的创新机器人系统
医疗机器人专家	开发用于手术、康复和医疗辅助的机器人技术
机器人系统设计工程师	专注于工业、医疗和服务领域的机器人系统设计与开发
研究员	在学术或工业研究机构进行机器人技术的创新和发展研究
自动化专家	在多个行业中实施和优化自动化解决方案，提升效率和产能
创业者和初创企业家	利用所学知识创建机器人相关的初创公司
项目经理	负责机器人项目的整体规划和管理，确保项目目标的实现
技术顾问	为企业提供机器人技术的专业咨询服务
技术销售工程师	推广机器人解决方案，理解并满足客户需求
研发工程师	参与新技术、产品或工艺的研发工作
教育者和培训师	在教育机构或企业内部分享机器人技术知识
政策与伦理顾问	针对机器人技术的部署提供伦理和政策指导

MSc in Advanced Robotics Systems FAQ

Q1 先进机器人技术系统硕士专业的申请截止日期是什么时间?

A 西浦 2026年秋季入学硕士研究生申请截止日期为 2026年 6 月 15 日，北京时间下午 5 点。我校研究生专业申请众多，竞争激烈，各专业择优录取，建议尽早准备申请材料并提交申请。

Q2 西交利物浦大学硕士申请有哪些学术要求?对申请人的本科背景是否有特殊要求?

A
- 请参考学校研究生院官方网站列出的入学要求。
  (https://www.xjtlu.edu.cn/zh/admissions/master/entry-requirements)
- 就本专业而言,我们要求申请人有机器人学或其他相关专业的学士学位,如机械工程、电子工程、计算机科学、物理、数学等。
- 如果您的学位等级较低(即平均分数或 GPA 较低)，或学位与专业不相关，但如果您能证明具有重要的相关工作经验，您的申请也会得到考虑。

Q3 英语语言要求是什么?

A
- 本专业2026年录取语言要求: 学术类雅思6.0/(最低 5.5)或同等水平。
- 2026年西浦硕士录取的暑期语言先修课程(PSE)分为6周全日制、12周非全日制。其中6周全日制和12周非全日制强化班的最低录取要求为（等同于）学术类雅思5.5。在顺利完成该课程之后，即可视为满足英语入学条件。具体申请截止日期、课程时间、授课方式、学费等信息可咨询研究生院:
  pgadmissions@xjtlu.edu.cn

Q4 西交利物浦大学是否为硕士生提供远程或在线学习?

A 不提供在线教学，西浦所有的硕士课程都要求在校进行教学和评估。

Q5 授课型硕士(MSc)和研究型硕士(MRes)有什么区别?

A 这两种学位的区别主要在于学习时间的长短、学习期间的独立程度以及论文项目。研究型硕士学位要求学生进行大量的研究培训，而本专业（授课型）硕士学位则包括讲座、研讨会和课程作业。更多详情，请参阅我们的硕士课程页面:
https://www.xjtlu.edu.cn/zh/study/masters

MSc in Advanced Robotics Systems FAQ

Q6 毕业后我将获得什么证书?

A 毕业后，将颁发全球认可的英国利物浦大学硕士学位证书。该证书与在英国利物浦大学拿到的学位证书相同，且可以通过中国教育部留学服务中心进行学历学位认证。
注：全日制/ 非全日制均可

Q7 我是否有资格申请非全日制硕士课程?

A 本专业允许非全日制学习(36 个月)。一般来说，由于学生签证限制，国际学生应申请全日制课程，详情请查阅大学条例。

Q8 本专业的学费总共是多少？西交利物浦大学是否提供入学奖学金?

A 本专业的学费总共为20万元人民币，按年支付，如全日制为每年10万元。西交利物浦大学为所有全日制硕士提供部分入学奖学金，金额为课程总学费的20%、30%或50%。目前，非全日制课程没有奖学金。

Q9 我可以将以前大学的学分转入西交利物浦大学硕士课程吗?

A 目前，我们不承认任何转学分。

Q10 关于如何使用在线申请系统、收到申请决定后如何处理等程序，请查看西交利物浦大学研究生课程常见问题解答(左侧二维码)以及研究生院微信公众号(右侧二维码)

WELCOME TO OUR SCHOOL

Xi'an Jiaotong-Liverpool University

Xian Jiaotong-Liverpool University is a research-oriented university established through the collaboration of Xian Jiaotong University and the University of Liverpool. Upon successful graduation, students will be awarded the Master's degree certificate issued by the University of Liverpool.

UNIVERSITY OF LIVERPOOL

Xi'an Jiaotong-Liverpool University 西交利物浦大学

University of Liverpool

ARWU	RANKING	#101
USNEWS	Best Global	#137
	Best in UK	#15

School of Robotics, XJTLU Entrepreneur College (Taicang)

The school aims to cultivate industry leaders and decision-makers. Through Syntegrative Education, it advances the frontier of intelligent robotics engineering, providing meaningful solutions for the development of the discipline.

We have extensive collaborations with industry partners in fields such as mechatronics, automation, industrial/domestic/service robotics, artificial intelligence, and machine learning.

Current industry partners include:

SIASUN 新松 · 法奥意威 · ECOVACS · Haier · QUANSER · KÄRCHER 德国卡赫 · BOZHON 博众 · dreame 追觅科技 · INOVANCE 汇川技术 · AISPEECH

Why Study the MSc in Advanced Robotics Systems?

The MSc Advanced Robotics Systems offers cutting-edge specialisations in robotics, alongside pathways in management, and entrepreneurship, delivers versatile, real-world competencies, prepares visionary leaders to propel the robotics industry.

CAREERS

Graduates from our programme could pursue diverse and rewarding careers in various industries. The skill sets acquired in the programme equips graduates for roles span various functions in the rapidly growing and evolving field of robotics.

Potential Professions Include:

AI Specialist	Create intelligent and adaptive robotic systems
Engineer/Designer	Design, develop, and test robotic systems for specialised fields
Researcher	Conduct research to advance the field of robotics, contributing to academic or industrial research institutions
Automation Specialist	Implement and optimise automated systems in industries to enhance efficiency and productivity
Healthcare Robotics Specialist	Develop techs for medical applications or assistive devices for healthcare
Project Manager	Oversee the planning, execution, and delivery of robotics projects
Technology Consultant	Provide expertise in robotics technology to businesses
Technical Sales Engineer	Educate clients about robotics solutions, provide technical support to facilitate sales
Entrepreneur	Launch their own robotics-related ventures, leveraging the innovation and entrepreneurial skills
Educator/Trainer	Share expertise or conduct training for institutions or corporate
Policy and ethics advisor	Contribute to the ethical and policy considerations in deploying robotics technologies and AI

MSc in Advanced Robotics Systems FAQ

Q1 What is the application deadline for 2026 September Intake?

A The application deadline for the 2026 September intake is 5pm Beijing Time, 15 June 2026.

Q2 What are the academic requirements to apply for an XJTLU Master's programme? Are there any specific requirements for applicants' undergraduate backgrounds?

A
- Please refer to the Entry Requirement listed for each programme. https://www.xjtlu.edu.cn/en/admissions/master/entry-requirements-2
- For MSc ARS: A Bachelor's degree in robotics or other relevant subject e.g. mechanical engineering, electrical engineering, computer science, physics, mathematics, etc.
- If you have low grade or GPA, or a degree in an unrelated subject, your application may be considered if you demonstrate significant relevant work experience.

Q3 What are the English language requirements?

A
- Please refer to the English Language Requirement on our website.
- For MSc ARS: IELTS(A) 6.0/(min5.5) or equivalent. Pre-sessional English (PSE) programme: above IELTS 5.5, minimum of 5.0 in each section (https://www.xjtlu.edu.cn/en/study/short-summer-courses-and-languages/presessional-english-programme)

Q4 Does XJTLU offer distance or online learning to the master's study?

A
- No online teaching offered. All XJTLU master's programmes require teaching and assessment to be undertaken in residence.

Q5 What kind of certificate will I receive after graduation?

A Upon successful graduation, you will be awarded a Master's degree from the University of Liverpool, recognized by China's Ministry of Education and globally.

MSc in Advanced Robotics Systems FAQ

Q6 Am I eligible to apply for a part-time Master's programme?

A MSc ARS allows part-time study (36 months). Generally, international students shall apply for the full-time path due to student visa restrictions.

Q7 How much is the tuition fee? Does XJTLU offer entry scholarship?

A The total tuition fee for MSc ARS is 200,000 CNY.

XJTLU offers a partial entry scholarship of 20, 30 or 50 percent of the total programme tuition fee for all full-time masters programmes based on academic merit. Currently, there is no scholarship available for part-time programmes. You may be eligible for other scholarships, see details in :
https://www.xjtlu.edu.cn/en/admissions/master/fees-and-scholarships

Q8 What's the difference between the taught Master's (MSc) and the Master of Research degree (MRes)?

A The difference between the two degrees largely comes down to the length and level of independence you have during your studies and the dissertation project. An MRes degree requires students to undertake extensive research training, while an MSc degree involves a mixture of lectures, seminars and coursework.

Q9 Can I transfer my previous university's credits into XJTLU Master's programmes?

A Currently, we do not recognize any transfer credits.

Q10 Regarding the procedures such as how to use the online application system, what to do after receiving application decisions, etc., please check the general FAQ for XJTLU PG Programme here: