

## Tentative Course-list for Undergraduates

**Notes:**

1) \* “English & Chinese” means the course materials, homework, and the exams are in English, but the instruction language is Chinese;

2) Link to 7 campuses: <https://www.zju.edu.cn/english/visiting/list.psp>

3) ZJU Schools/Colleges: <https://www.zju.edu.cn/english/74913/list.psp>

4) The ZJU International Campus, located in Haining (conveniently situated between Shanghai and Hangzhou), has adopted a model of creating Joint Institutes with partner universities, and Joint Institutes have already been successfully established with the University of Edinburgh and the University of Illinois at Urbana-Champaign (ZJU-UoE and ZJU-UIUC Institutes). Besides, Zhejiang University International Business School (ZIBS) was founded.

Please be kindly noted that, courses offered by ZJU-UIUC Institute and ZIBS are also open to international exchange students.

Teaching Language	Course Code	Course Name (CN)	Course Name(EN)	ZJU School/College	ZJU Campus	Quarter	Credits	Teaching Hour Per Week
English & Chinese*	1617N004	科技论文写作与规范	Scientific Writing Training	College of Agriculture and Biotechnology	Zijingang Campus	Spring	1.5	3.0-0.0
English & Chinese*	1616S001	生物多样性	Biological Diversity	College of Agriculture and Biotechnology	Zijingang Campus	Spring&Summer	3	2.0-2.0
English & Chinese*	16121032	生物统计学与试验设计	Biostatistics and Experiment Design	College of Agriculture and Biotechnology	Zijingang Campus	Spring&Summer	3	3.0-0.0
English & Chinese*	16590020	生物信息学	Bioinformatics	College of Agriculture and Biotechnology	Zijingang Campus	Summer	2	3.0-2.0
English & Chinese*	16122610	植物检验检疫学	Plant Inspection and Quarantine	College of Agriculture and Biotechnology	Zijingang Campus	Spring	2	3.0-2.0
English & Chinese*	1614N003	植物学与现代农业文明	Introduction to Plant Sciences & Modern Agriculture	College of Agriculture and Biotechnology	Zijingang Campus	Summer	1.5	3.0-0.0
English & Chinese*	17120610	动物分子生物学	Animal Molecular Biology	College of Animal Sciences	Zijingang Campus	Spring&Summer	3	2.0-2.0
English & Chinese*	15120740	传感技术与应用	Sensors and Applications	College of Biomedical Engineering and Instrument Science	Yuquan Campus	Spring&Summer	3	2.5-1.0
English & Chinese*	13192380	农业与生物系统工程导论	Orientation of Agriculture and Biosystems engineering	College of Biosystems Engineering and Food Science	Zijingang Campus	Spring	1.5	3.0-0.0
English Only	13120270	生物环境工程	Bio-environmental Engineering	College of Biosystems Engineering and Food Science	Zijingang Campus	Spring&Summer	3	2.5-1.0
English & Chinese*	13192010	食品化学	Food Chemistry	College of Biosystems Engineering and Food Science	Zijingang Campus	Spring	2	3.0-2.0
English Only	13121170	食品生物安全	Food Biological Safety	College of Biosystems Engineering and Food Science	Zijingang Campus	Spring	3	5.0-2.0
English & Chinese*	13120450	食品营养学	Food Nutrition	College of Biosystems Engineering and Food Science	Zijingang Campus	Spring	2	3.0-2.0

English & Chinese*	211Z0050	C程序设计专题	Lectures on C Programming	College of Computer Science and Technology	Zijingang Campus	Spring&Summer	2	1.0-2.0
English & Chinese*	211R0030	Python程序设计 (H)	Python Programming (H)	College of Computer Science and Technology	Zijingang Campus	Spring&Summer	3	3.0-0.0
English & Chinese*	21190150	安全编程技术	Secure Programming	College of Computer Science and Technology	Zijingang Campus	Summer	2.5	4.0-2.0
English & Chinese*	21120471	编译原理	Compiler Principle	College of Computer Science and Technology	Yuquan Campus	Spring&Summer	4	3.0-2.0
English & Chinese*	21121940	大数据存储与计算技术	Big Data Storage and Computing	College of Computer Science and Technology	Yuquan Campus	Spring&Summer	2	2.0-0.0
English & Chinese*	21121680	电子取证	Digital Forensics	College of Computer Science and Technology	Yuquan Campus	Spring&Summer	2	2.0-0.0
English & Chinese*	21122040	多媒体安全	Multimedia Security	College of Computer Science and Technology	Yuquan Campus	Spring&Summer	2	2.0-0.0
English & Chinese*	21120100	多媒体技术	Technology of Multimedia	College of Computer Science and Technology	Yuquan Campus	Spring	2	4.0-0.0
English & Chinese*	21120491	高级数据结构与算法分析	Advanced Data Structure & Algorithm Analysis	College of Computer Science and Technology	Zijingang Campus	Spring&Summer	4	3.0-2.0
English & Chinese*	21191600	计算机科学思想史	Great Ideas in Computer Science	College of Computer Science and Technology	Yuquan Campus	Spring&Summer	2	2.0-0.0
English & Chinese*	21120510	计算机图形学	Computer Graphics	College of Computer Science and Technology	Zijingang Campus	Spring&Summer	2.5	2.0-1.0
English & Chinese*	21121270	计算机图形学研究进展	Advances in Computer Graphics	College of Computer Science and Technology	Yuquan Campus	Spring&Summer	4	3.0-2.0
English & Chinese*	21121830	计算机系统 I	Computer Systems I	College of Computer Science and Technology	Zijingang Campus	Spring&Summer	5.5	4.0-3.0
English & Chinese*	21121850	计算机系统 III	Computer Systems III	College of Computer Science and Technology	Zijingang Campus	Spring&Summer	5.5	4.0-3.0
English & Chinese*	21121290	计算机系统原理	Principles of Computer System	College of Computer Science and Technology	Zijingang Campus	Spring&Summer	4	4.0-0.0
English & Chinese*	21186033	计算机组成	Computer Organization	College of Computer Science and Technology	Zijingang Campus	Spring&Summer	4.5	3.5-2.0
English & Chinese*	21121690	计算机组成与设计	Computer Organization and Design	College of Computer Science and Technology	Zijingang Campus	Spring&Summer	4.5	3.5-2.0
English & Chinese*	211B0010	离散数学及其应用	Discrete Mathematics and Application	College of Computer Science and Technology	Zijingang Campus	Spring&Summer	4	4.0-0.0

English & Chinese*	211C0010	面向对象程序设计	Object-Oriented Programming	College of Computer Science and Technology	Zijingang Campus	Spring&Summer	2.5	2.0-1.0
English & Chinese*	21121590	区块链安全与数字货币原理	Blockchain Security and Digital Currency Principles	College of Computer Science and Technology	Yuquan Campus	Spring&Summer	1	1.0-0.0
English & Chinese*	21121990	人因工程与机器行为学	Human Factor and Machine Behaviour	College of Computer Science and Technology	Zijingang Campus	Summer	2.5	4.0-2.0
English & Chinese*	21121520	认知神经科学导论	Introduction to Cognitive Neuroscience	College of Computer Science and Technology	Zijingang Campus	Spring&Summer	3	3.0-0.0
English & Chinese*	21191970	软件安全原理和实践	Software Security Principles	College of Computer Science and Technology	Zijingang Campus	Summer	2	3.0-2.0
English & Chinese*	21120261	软件工程	Software Engineering	College of Computer Science and Technology	Yuquan Campus	Spring&Summer	2.5	2.0-1.0
English Only	21191990	社交网络安全与隐私	Security and Privacy in Online Social Network	College of Computer Science and Technology	Yuquan Campus	Summer	2	3.0-2.0
English & Chinese*	21121800	数据安全与隐私保护	Data Security and Privacy Protection	College of Computer Science and Technology	Zijingang Campus	Summer	2	4.0-0.0
English & Chinese*	21121350	数据库系统	Database System	College of Computer Science and Technology	Zijingang Campus	Spring&Summer	4	3.0-2.0
English & Chinese*	211C0030	数据库系统原理	Principles of Database Systems	College of Computer Science and Technology	Zijingang Campus	Spring&Summer	2.5	2.0-1.0
English & Chinese*	21191441	数据挖掘导论	Introduction to Data Mining	College of Computer Science and Technology	Yuquan Campus	Summer	2	2.0-4.0
English & Chinese*	21190641	数值分析	Numerical Analysis	College of Computer Science and Technology	Zijingang Campus	Spring&Summer	2.5	2.5-0.0
English Only	21190120	算法设计与分析	Algorithm Design & Analysis	College of Computer Science and Technology	Yuquan Campus	Summer	2.5	4.0-2.0
English Only	21191581	网络安全原理与实践	Network Security Theory and Practice	College of Computer Science and Technology	Yuquan Campus	Spring	2.5	4.0-2.0
English & Chinese*	21191581	网络安全原理与实践	Network Security Theory and Practice	College of Computer Science and Technology	Yuquan Campus	Spring	2.5	4.0-2.0
English & Chinese*	21121620	网络空间安全导论	Introduction to Cybersecurity	College of Computer Science and Technology	Zijingang Campus	Spring&Summer	1.5	1.5-0.0
English & Chinese*	21191930	无线与物联网安全基础	Wireless and IoT Security	College of Computer Science and Technology	Yuquan Campus	Summer	2	3.0-2.0
English & Chinese*	21121740	系统安全	System Security	College of Computer Science and Technology	Yuquan Campus	Summer	2.5	4.0-2.0

English & Chinese*	21190850	信息安全原理	Principles of Information Security	College of Computer Science and Technology	Zijingang Campus	Spring	2	4.0-0.0
English & Chinese*	21121610	信息安全原理与数学基础	Mathematical base and theory for Information security	College of Computer Science and Technology	Zijingang Campus	Spring&Summer	4	4.0-0.0
English & Chinese*	21121640	硬件安全基础	Introduction to Hardware Security	College of Computer Science and Technology	Yuquan Campus	Spring&Summer	2.5	2.0-1.0
English & Chinese*	21121510	自然语言处理导论	Introduction to Natural Language Processing	College of Computer Science and Technology	Yuquan Campus	Spring&Summer	3.5	2.5-2.0
English Only	86120360	机器人建模与控制	Robot Modeling and Control	College of Control Science and Engineering	Yuquan Campus	Spring	2.5	4.0-2.0
English & Chinese*	86120520	计算机网络原理	Introduction to Computer Networks	College of Control Science and Engineering	Zijingang Campus	Spring	2.5	4.0-2.0
English & Chinese*	86120030	嵌入式系统	Embedded System	College of Control Science and Engineering	Zijingang Campus	Spring&Summer	4	3.0-2.0
English & Chinese*	86120470	软体仿生机器人与智能材料	Soft bio-inspired robot and smart material	College of Control Science and Engineering	Yuquan Campus	Summer	1	1.0-2.0
English & Chinese*	86120310	数字图像处理与机器视觉	Digital Image Processing and Machine Vision	College of Control Science and Engineering	Yuquan Campus	Spring&Summer	3	2.5-1.0
English & Chinese*	86120380	系统建模与仿真	System Modelling and Simulation	College of Control Science and Engineering	Zijingang Campus	Spring&Summer	3	2.5-1.0
English & Chinese*	8614N002	现代仿生科学和工程导论	Introduction to Modern Bionics	College of Control Science and Engineering	Zijingang Campus	Summer	1.5	3.0-0.0
English & Chinese*	8614N002	现代仿生科学和工程导论	Introduction to Modern Bionics	College of Control Science and Engineering	Zijingang Campus	Spring	1.5	3.0-0.0
English & Chinese*	86120200	信息物理系统安全	Cybersecurity for Cyber-Physical Systems	College of Control Science and Engineering	Zijingang Campus	Summer	2	4.0-0.0
English & Chinese*	86120230	专业英语与科技论文写作	Professional English for Automation and Scientific Literature Writing	College of Control Science and Engineering	Yuquan Campus	Summer	2	3.0-2.0
English & Chinese*	86120390	自动控制理论 (甲)	Principles of Automatic Control	College of Control Science and Engineering	Zijingang Campus	Spring&Summer	3.5	3.0-1.0
English & Chinese*	86120170	自动控制理论 (乙)	Linear Control System Analysis and Design	College of Control Science and Engineering	Zijingang Campus	Spring&Summer	3.5	3.0-1.0
English & Chinese*	86190050	最优化与最优控制	Optimization and optimal control	College of Control Science and Engineering	Yuquan Campus	Spring&Summer	3	3.0-0.0
English & Chinese*	03123390	体育管理学 (双语)	Sport Management	College of Education	Zijingang Campus	Spring&Summer	3	2.0-2.0

English & Chinese*	10120580	大功率变流技术	High Power Converters	College of Electrical Engineering	Yuquan Campus	Summer	2	3.0-2.0
English Only	10120221	电力电子技术 II	Power Electronics II	College of Electrical Engineering	Yuquan Campus	Summer	2	3.0-2.0
English & Chinese*	10193371	电力电子系统计算机仿真	Simulation of Power Electronics Systems	College of Electrical Engineering	Yuquan Campus	Spring	2	3.0-2.0
English Only	08195071	低温环境绝热技术	Cryogenic Insulation	College of Energy Engineering	Yuquan Campus	Spring	1.5	3.0-0.0
English Only	59190110	能源有机化学	Organic chemistry for Energy	College of Energy Engineering	Yuquan Campus	Spring	1	2.0-0.0
English Only	59190080	燃料电池	Fuel Cells	College of Energy Engineering	Yuquan Campus	Spring	1.5	3.0-0.0
English & Chinese*	08195330	热能工程试验技术	Experimental Methods for Thermal Engineering Science	College of Energy Engineering	Yuquan Campus	Summer	1.5	3.0-0.0
English & Chinese*	08193361	制冷与人工环境英语	English for Refrigeration and Artificial Environments	College of Energy Engineering	Yuquan Campus	Spring	1.5	3.0-0.0
English Only	08195580	专业英语阅读与写作	Professional English Reading and Writing	College of Energy Engineering	Yuquan Campus	Summer	1.5	3.0-0.0
English & Chinese*	14120691	大气污染控制工程 (甲)	Air Pollution Control Engineering (A)	College of Environmental and Resource Sciences	Zijingang Campus	Spring&Summer	4	3.0-2.0
English & Chinese*	1416N001	环境修复与生态健康	Environment Remediation and Ecosystem Health	College of Environmental and Resource Sciences	Zijingang Campus	Summer	1.5	3.0-0.0
English & Chinese*	1416S002	科学技术与环境健康	Science, technology, and environmental health	College of Environmental and Resource Sciences	Zijingang Campus	Spring&Summer	3	2.0-2.0
English & Chinese*	14121590	土壤与全球变化	Soil and global change	College of Environmental and Resource Sciences	Zijingang Campus	Spring	1.5	3.0-0.0
English & Chinese*	14195510	专业英语阅读与写作	Scientific English: Reading and Writing	College of Environmental and Resource Sciences	Zijingang Campus	Summer	1.5	3.0-0.0
English & Chinese*	85190130	CMOS射频集成电路设计	Design of CMOS Radio Frequency Integrated Circuits	College of Information Science and Electronic Engineering	Yuquan Campus	Summer	2	4.0-0.0
English Only	85120080	半导体物理	The physics of semiconductors	College of Information Science and Electronic Engineering	Zijingang Campus	Spring&Summer	3	3.0-0.0
English & Chinese*	67190160	半导体物理与器件	Semiconductor Physics & Devices	College of Information Science and Electronic Engineering	Zijingang Campus	Spring&Summer	3	3.0-0.0
English Only	85120060	电磁场与电磁波	Electromagnetic Fields & Waves	College of Information Science and Electronic Engineering	Zijingang Campus	Spring&Summer	4	3.0-2.0

English & Chinese*	85120060	电磁场与电磁波	Electromagnetic Fields & Waves	College of Information Science and Electronic Engineering	Zijingang Campus	Spring&Summer	4	3.0-2.0
English & Chinese*	8514N002	电子与信息技术导论	Introduction to Electronics and Information Technology	College of Information Science and Electronic Engineering	Zijingang Campus	Spring	1.5	1.0-4.0
English & Chinese*	8514N002	电子与信息技术导论	Introduction to Electronics and Information Technology	College of Information Science and Electronic Engineering	Zijingang Campus	Summer	1.5	1.0-4.0
English Only	85120160	光电子学基础	Fundamentals of Optoelectronics	College of Information Science and Electronic Engineering	Yuquan Campus	Spring&Summer	3	3.0-0.0
English & Chinese*	85190270	集成电路产业技术讲座	Lectures on integrated circuit industry technology	College of Information Science and Electronic Engineering	Yuquan Campus	Spring&Summer	3	3.0-0.0
English & Chinese*	85120170	集成电路原理与设计	Principle and Design of Integrated Circuits	College of Information Science and Electronic Engineering	Yuquan Campus	Spring&Summer	3	3.0-0.0
English & Chinese*	85120100	计算机组成与系统结构	Computer Organization and Architecture	College of Information Science and Electronic Engineering	Yuquan Campus	Spring&Summer	3	3.0-0.0
English & Chinese*	67190040	人工智能	Artificial Intelligence	College of Information Science and Electronic Engineering	Yuquan Campus	Spring&Summer	3	3.0-0.0
English & Chinese*	11121230	数据挖掘概论	Introduction to Data Mining	College of Information Science and Electronic Engineering	Yuquan Campus	Summer	2	4.0-0.0
English & Chinese*	85190060	数字集成电路设计	Design of Digital Inetegrated Circuit	College of Information Science and Electronic Engineering	Yuquan Campus	Spring&Summer	3	3.0-0.0
English & Chinese*	85120150	数字系统	Digital Systems	College of Information Science and Electronic Engineering	Zijingang Campus	Spring&Summer	4.5	3.0-3.0
English Only	67120180	通信原理	Principles of Communications	College of Information Science and Electronic Engineering	Yuquan Campus	Spring&Summer	3	3.0-0.0
English & Chinese*	67190060	网络基础	Network Infrastructure	College of Information Science and Electronic Engineering	Yuquan Campus	Spring&Summer	3	3.0-0.0
English & Chinese*	67190101	网络与通信安全	Network and Communication Security	College of Information Science and Electronic Engineering	Yuquan Campus	Summer	2	4.0-0.0
English & Chinese*	85190110	微纳器件测试技术	Characterizations of Mirco/Nano devices	College of Information Science and Electronic Engineering	Yuquan Campus	Spring	2	2.0-4.0
English Only	851C0040	信号与系统	Signals and Systems	College of Information Science and Electronic Engineering	Zijingang Campus	Spring&Summer	4	3.0-2.0
English & Chinese*	851C0040	信号与系统	Signals and Systems	College of Information Science and Electronic Engineering	Zijingang Campus	Spring&Summer	4	3.0-2.0
English Only	85120030	信息与电子工程导论	Introduction to Information Science and Electronic Engineering	College of Information Science and Electronic Engineering	Zijingang Campus	Spring	2	4.0-0.0

English & Chinese*	071Q0012	发育生物学	Developmental biology	College of Life Sciences	Zijingang Campus	Summer	2	4.0-0.0
English & Chinese*	071Q0017	分子生物学	Molecular Biology	College of Life Sciences	Zijingang Campus	Spring&Summer	3	3.0-0.0
English & Chinese*	071Q0013	神经生物学	Neurobiology	College of Life Sciences	Zijingang Campus	Spring&Summer	3	2.0-2.0
English & Chinese*	071B0041	微生物学及实验 (甲)	Microbiology and Experiments(A)	College of Life Sciences	Zijingang Campus	Spring&Summer	4	3.0-2.0
English & Chinese*	071Q0011	遗传学	Genetics	College of Life Sciences	Zijingang Campus	Spring&Summer	4	3.0-2.0
English & Chinese*	25121380	数据挖掘与可视化	Data Mining and Visualization	College of Media and International Culture	Zijingang Campus	Spring	2	4.0-0.0
English & Chinese*	25121010	新媒体概论	Introduction to New Media	College of Media and International Culture	Zijingang Campus	Summer	2	4.0-0.0
English Only	25190220	英语口语采访报道	Journalistic Interview in English	College of Media and International Culture	Zijingang Campus	Summer	2	3.0-2.0
English Only	25121530	原版经典电影分析	Reviewing Classic Original Films	College of Media and International Culture	Zijingang Campus	Spring	2	4.0-0.0
English & Chinese*	25121870	中华文化对外传播史	History of Global Spread of Chinese Culture	College of Media and International Culture	Zijingang Campus	Summer	2	4.0-0.0
English Only	84190130	Introduction to Optics	Introduction to Optics	College of Optical Science and Engineering	Yuquan Campus	Spring	1.5	3.0-0.0
English & Chinese*	66120011	电磁场与电磁波	Electromagnetic Fields & Waves	College of Optical Science and Engineering	Zijingang Campus	Spring&Summer	2.5	2.5-0.0
English & Chinese*	8414S001	光基科技与人类文明	Light-based science and technologies and human civilization	College of Optical Science and Engineering	Zijingang Campus	Spring&Summer	3	2.0-2.0
English & Chinese*	84190060	光通信技术	Optical Communication Technology	College of Optical Science and Engineering	Yuquan Campus	Spring&Summer	2.5	2.5-0.0
English & Chinese*	84190140	集成光电子器件及设计	Integrated Optoelectronic Devices and Designs	College of Optical Science and Engineering	Yuquan Campus	Summer	1.5	3.0-0.0
English Only	8414N008	科技创业	Technology Entrepreneurship	College of Optical Science and Engineering	Zijingang Campus	Summer	2	4.0-0.0
English & Chinese*	1816N004	生命科学经典发现解读	Classical Discoveries in Life Science	College of Pharmaceutical Sciences	Zijingang Campus	Spring	1.5	3.0-0.0
English Only	771B0010	Organic Chemistry	Organic Chemistry	Department of Chemistry	Zijingang Campus	Spring&Summer	3	3.0-0.0

English & Chinese*	061Q0026	分析化学 II	Analytical Chemistry II	Department of Chemistry	Zijingang Campus	Spring&Summer	3	3.0-0.0
English & Chinese*	6514N001	材料科学与人类文明	Materials science and human civilization	Department of Polymer Science and Engineering	Zijingang Campus	Spring	1.5	3.0-0.0
English Only	65190010	高分子构筑学	Polymer Architectures	Department of Polymer Science and Engineering	Zijingang Campus	Summer	2	4.0-0.0
English Only	09193070	高分子专业英语	Special English for Polymer Science	Department of Polymer Science and Engineering	Zijingang Campus	Spring	2	4.0-0.0
English & Chinese*	79120050	贝叶斯统计学基础	Elements of Bayesian Statistics	Department of Psychology and Behavioral Sciences	Zijingang Campus	Spring	2	4.0-0.0
English & Chinese*	06199191	经济心理学	Economic Psychology	Department of Psychology and Behavioral Sciences	Zijingang Campus	Spring	2	4.0-0.0
English Only	79190060	同理心与沟通技巧	Empathy & Communication Skills	Department of Psychology and Behavioral Sciences	Zijingang Campus	Summer	1.5	3.0-0.0
English Only	79190050	学术论文写作	Academic Writing in Psychology	Department of Psychology and Behavioral Sciences	Zijingang Campus	Spring	1.5	3.0-0.0
English & Chinese*	02120620	比较刑事司法	Comparative Criminal Justice	Guanghua Law School	Zhijiang Campus	Spring	2	4.0-0.0
English Only	02192440	国际争端解决	International Dispute Resolution	Guanghua Law School	Zhijiang Campus	Spring	2	4.0-0.0
English Only	02191180	世界贸易组织法	The Law of the WTO	Guanghua Law School	Zhijiang Campus	Spring	2	4.0-0.0
English Only	74190300	国际海洋物流概论	Introduction into Maritime Transport and Logistics	Ocean College	Zhoushan Campus	Spring	2	4.0-0.0
English & Chinese*	74121090	海洋沉积地球化学	Marine sedimentary Geochemistry	Ocean College	Zhoushan Campus	Spring	2	3.0-2.0
English & Chinese*	74190350	海洋大数据技术原理与应用	Principles and Applications of Marine Big-data Technology	Ocean College	Zhoushan Campus	Summer	1.5	3.0-0.0
English Only	74121100	海洋环境与气候变化	Ocean in Times of Intense Change	Ocean College	Zhoushan Campus	Summer	2	4.0-0.0
English & Chinese*	74120370	海洋生态学及实验	marine ecology	Ocean College	Zhoushan Campus	Spring&Summer	3	2.0-2.0
English & Chinese*	74120170	科技英文写作	scientific writing	Ocean College	Zhoushan Campus	Spring	1.5	3.0-0.0
English & Chinese*	69120820	现代分析测试技术	Modern Analytical Technologies	Ocean College	Zhoushan Campus	Spring	2	4.0-0.0



English & Chinese*	26120450	材料力学 (甲)	Material Mechanics(A)	School of Aeronautics and Astronautics	Zijingang Campus	Spring&Summer	5	5.0-0.0
English & Chinese*	26190180	电子电路基础及实验	Lab Work for Electronics and Circuits	School of Aeronautics and Astronautics	Zijingang Campus	Spring&Summer	4	3.5-1.0
English & Chinese*	26120041	计算流体力学	Computational Fluid Mechanics	School of Aeronautics and Astronautics	Yuquan Campus	Spring	2	4.0-0.0
English & Chinese*	26190150	科学计算导论	Introduction to Scientific Computation	School of Aeronautics and Astronautics	Zijingang Campus	Summer	1.5	3.0-0.0
English & Chinese*	26120351	热力学基础	Fundamentals of Thermodynamics	School of Aeronautics and Astronautics	Zijingang Campus	Summer	2	4.0-0.0
English & Chinese*	26120270	有限元方法	Finite Element Method	School of Aeronautics and Astronautics	Yuquan Campus	Spring&Summer	2.5	2.0-1.0
English Only	5615N003	现当代西方建筑审美	Aesthetics of Western Modern Architecture	School of Art and Archaeology	Zijingang Campus	Spring	1.5	3.0-0.0
English Only	18121850	法医学	Forensic Medicine	School of Basic Medical Sciences	Zijingang Campus	Summer	1.5	3.0-0.0
English & Chinese*	7216N001	人体结构功能与健康	Human Anatomy, Physiology, and Health	School of Basic Medical Sciences	Zijingang Campus	Summer	1.5	3.0-0.0
English & Chinese*	72120530	肿瘤生物学	cancer biology	School of Basic Medical Sciences	Zijingang Campus	Spring	2	4.0-0.0
English & Chinese*	7216N005	大脑与社会	Brain and Society	School of Brain Science and Brain Medicine	Zijingang Campus	Summer	1.5	3.0-0.0
English & Chinese*	7216N004	神经科学——探索生命的最深奥秘	Neuroscience—Discovery of the deepest mysteries of life	School of Brain Science and Brain Medicine	Zijingang Campus	Summer	1.5	3.0-0.0
English & Chinese*	81120220	电化学工程	Electrochemical Engineering	School of Chemical and Biological Engineering	Zijingang Campus	Summer	2.5	4.0-2.0
English & Chinese*	09120320	生化反应工程	Biochemical Reaction Engineering	School of Chemical and Biological Engineering	Zijingang Campus	Spring	3	6.0-0.0
English Only	83120500	生物地理学与古生态学	Biogeography and palaeoecology	School of Earth Sciences	Zijingang Campus	Summer	2	4.0-0.0
English Only	01120880	产业组织理论	Industrial Organization Theory	School of Economics	Zijingang Campus	Spring&Summer	3	3.0-0.0
English & Chinese*	01120880	产业组织理论	Industrial Organization Theory	School of Economics	Zijingang Campus	Spring&Summer	3	3.0-0.0
English & Chinese*	01122270	公共选择理论	The Theory of Public Choice	School of Economics	Zijingang Campus	Spring	1.5	3.0-0.0

English & Chinese*	01192071	国际结算	International Settlement	School of Economics	Zijingang Campus	Spring	2	4.0-0.0
English Only	01120260	国际金融学	International Finance	School of Economics	Zijingang Campus	Spring&Summer	3	3.0-0.0
English & Chinese*	01122290	国际商务英语	English for International Business	School of Economics	Zijingang Campus	Spring&Summer	3	3.0-0.0
English & Chinese*	01193271	激励理论	The Theory of Incentives	School of Economics	Zijingang Campus	Spring	2	4.0-0.0
English & Chinese*	011A0030	计量经济学	Econometrics	School of Economics	Zijingang Campus	Spring&Summer	3	3.0-0.0
English & Chinese*	01122230	金融计量模型	Financial Modeling	School of Economics	Zijingang Campus	Spring&Summer	3	3.0-0.0
English Only	01122210	金融市场与金融机构	Financial Markets and Institutions	School of Economics	Zijingang Campus	Spring	2	4.0-0.0
English Only	01191130	时间序列分析	Time Series	School of Economics	Zijingang Campus	Spring&Summer	3	3.0-0.0
English Only	01122220	衍生品与风险管理	Derivatives and Risk Management	School of Economics	Zijingang Campus	Summer	3	6.0-0.0
English Only	01193520	中国财政	China Finance	School of Economics	Zijingang Campus	Spring&Summer	3	3.0-0.0
English & Chinese*	01120990	中级财务会计学	Intermediate Financial Accounting	School of Economics	Zijingang Campus	Spring&Summer	3	3.0-0.0
English & Chinese*	01122280	资产定价	Asset Pricing	School of Economics	Zijingang Campus	Spring&Summer	3	3.0-0.0
English Only	05127390	国际关系与国际法	International relations and international law	School of International Studies	Zijingang Campus	Spring&Summer	2	2.0-0.0
English Only	05123740	国际经贸概论	Introduction to International Economics & Trade	School of International Studies	Zijingang Campus	Spring&Summer	2	2.0-0.0
English Only	05127400	国际政治理论	Theory of international politics	School of International Studies	Zijingang Campus	Spring&Summer	2	2.0-0.0
English Only	05197720	国际组织与全球治理	International Organization and Global Governance	School of International Studies	Zijingang Campus	Spring&Summer	2	2.0-0.0
English Only	05124040	社会科学与文化权势	Social Science and Cultural Hegemony	School of International Studies	Zijingang Campus	Spring&Summer	2	2.0-0.0
English Only	05197520	中国文化与国际交流	Chinese Culture and Cross-cultural Communication	School of International Studies	Zijingang Campus	Spring&Summer	2	2.0-0.0

English & Chinese*	0411S023	六经通论	Introduction to Six Classic Books	School of Literature	Zijingang Campus	Spring&Summer	3	2.0-2.0
English & Chinese*	0415S002	文学与人生	Literature & Life	School of Literature	Zijingang Campus	Spring&Summer	3	2.0-2.0
English Only	41190020	语言与社会	Language and Society	School of Literature	Zijingang Campus	Spring&Summer	3	3.0-0.0
English & Chinese*	4111N001	中国古代博物学	Natural History in Traditional China	School of Literature	Zijingang Campus	Spring&Summer	3	2.0-2.0
English & Chinese*	20196690	高级财务管理	Advanced Financial Management	School of Management	Zijingang Campus	Summer	2	4.0-0.0
English Only	20123171	管理统计	Managerial Statistics	School of Management	Zijingang Campus	Spring&Summer	3	3.0-0.0
English & Chinese*	20190180	管理研究方法	Management Research Method	School of Management	Zijingang Campus	Summer	2	4.0-0.0
English & Chinese*	2013N002	跨文化管理	cross-culture management	School of Management	Zijingang Campus	Spring	1.5	3.0-0.0
English Only	20125050	领导力开发	LEADERSHIP DEVELOPMENT	School of Management	Zijingang Campus	Summer	2	4.0-0.0
English Only	20120511	人力资源管理	Human Resource Management	School of Management	Zijingang Campus	Spring	2	4.0-0.0
English Only	20124410	社会心理学	Social Psychology	School of Management	Zijingang Campus	Spring&Summer	3	3.0-0.0
English Only	20192870	消费者神经科学	Consumer Neuroscience	School of Management	Zijingang Campus	Spring	2	4.0-0.0
English & Chinese*	20122780	运作管理	Operating Management	School of Management	Zijingang Campus	Summer	2	4.0-0.0
English Only	09192090	材料结晶化学	Materials Crystal Chemistry	School of Materials Science and Engineering	Zijingang Campus	Summer	2	4.0-0.0
English Only	80120190	材料科学与工程专业英语	Professional English for Materials Science and Engineering	School of Materials Science and Engineering	Zijingang Campus	Summer	1	2.0-0.0
English Only	09192320	储氢材料	Hydrogen Storage Materials	School of Materials Science and Engineering	Zijingang Campus	Summer	2	4.0-0.0
English & Chinese*	09192290	功能陶瓷材料与器件	Functional Ceramic Materials & Devices	School of Materials Science and Engineering	Zijingang Campus	Summer	2	4.0-0.0
English & Chinese*	09192280	光电材料与器件	Optoelectronic Materials and Devices	School of Materials Science and Engineering	Zijingang Campus	Summer	2	4.0-0.0

English & Chinese*	8014N004	国家大科学装置先进光源概述	Introduction to Advanced Light Sources for National Mega-Scientific Facilities	School of Materials Science and Engineering	Zijingang Campus	Summer	1.5	3.0-0.0
English Only	061B0010	常微分方程	Ordinary Differential Equations	School of Mathematical Sciences	Zijingang Campus	Summer	1	2.0-0.0
English Only	061B0010	常微分方程	Ordinary Differential Equations	School of Mathematical Sciences	Zijingang Campus	Spring	1	2.0-0.0
English & Chinese*	82190070	代数数论	Algebraic Number Theory	School of Mathematical Sciences	Zijingang Campus	Spring&Summer	3	3.0-0.0
English & Chinese*	821Q0006	代数学 II	Algebra II	School of Mathematical Sciences	Zijingang Campus	Spring&Summer	5	4.0-2.0
English & Chinese*	821Q0009	泛函分析 (甲)	Honors Functional Analysis	School of Mathematical Sciences	Zijingang Campus	Spring&Summer	3	3.0-0.0
English & Chinese*	06123300	金融风险管管理	Financial Risk Management	School of Mathematical Sciences	Zijingang Campus	Spring&Summer	3	3.0-0.0
English & Chinese*	82190050	李群与李代数	Lie groups and Lie algebras	School of Mathematical Sciences	Zijingang Campus	Spring&Summer	3	3.0-0.0
English & Chinese*	82120020	统计学习	Statistical Learning	School of Mathematical Sciences	Zijingang Campus	Spring&Summer	3	3.0-0.0
English & Chinese*	82120060	微分方程数值解	Numerical Solution of Differential Equations	School of Mathematical Sciences	Zijingang Campus	Spring&Summer	3.5	3.0-1.0
English Only	58190050	机电系统建模与仿真	Modeling and Simulation of Mechatronic Systems	School of Mechanical Engineering	Zijingang Campus	Spring	2	+4.0-0.0
English Only	58120230	机械工程国际前沿导论	Introduction to the Frontiers of Mechanical Engineering	School of Mechanical Engineering	Zijingang Campus	Summer	2	+4.0-0.0
English Only	58190150	数学建模与应用	Mathematical Modeling and Applications	School of Mechanical Engineering	Zijingang Campus	Spring&Summer	3	2.0-2.0
English & Chinese*	58120350	线性系统与数字控制	Linear Control System and Digital Control	School of Mechanical Engineering	Zijingang Campus	Spring&Summer	3	3.0-0.0
English Only	061R0060	普通物理学 I (H)	General Physics I (H)	School of Physics	Zijingang Campus	Spring&Summer	4	4.0-0.0
English & Chinese*	061R0060	普通物理学 I (H)	General Physics I (H)	School of Physics	Zijingang Campus	Spring&Summer	4	4.0-0.0
English & Chinese*	7614N001	万物运行的奥秘	How Things Work	School of Physics	Zijingang Campus	Summer	1.5	3.0-0.0
English & Chinese*	7614N001	万物运行的奥秘	How Things Work	School of Physics	Zijingang Campus	Spring	1.5	3.0-0.0

English & Chinese*	24122660	城市规划原理	Principles of Urban Planning	School of Public Affairs	Zijingang Campus	Spring&Summer	4	4.0-0.0
English & Chinese*	24122521	大数据分析	Big Data Analytics	School of Public Affairs	Zijingang Campus	Spring&Summer	4	3.0-2.0
English Only	24122880	国际事务与全球治理	International Affair & Global Governance	School of Public Affairs	Zijingang Campus	Spring&Summer	3	3.0-0.0
English Only	24121410	国际政治经济学	International Political Economy	School of Public Affairs	Zijingang Campus	Spring&Summer	3	3.0-0.0
English Only	24121661	经典导读	Sociology as Contained in Extracts from Sociologist Own Writings	School of Public Affairs	Zijingang Campus	Spring	2	4.0-0.0
English & Chinese*	24195291	经济社会学	Economic Sociology	School of Public Affairs	Zijingang Campus	Summer	2	4.0-0.0
English Only	20122651	农产品国际贸易理论	International Trade in Agricultural Products	School of Public Affairs	Zijingang Campus	Summer	2	4.0-0.0
English & Chinese*	24120670	人力资源开发与管理	Human Resources Management	School of Public Affairs	Zijingang Campus	Summer	2	4.0-0.0
English & Chinese*	24195660	文化人类学	Cultural Anthropology	School of Public Affairs	Zijingang Campus	Spring&Summer	2.5	2.0-1.0
English & Chinese*	24121650	现代社会学理论	Modern Sociological Theory	School of Public Affairs	Zijingang Campus	Spring&Summer	3	3.0-0.0
English Only	24122510	信息资源管理经典文献选读	Selected Readings of Classical Literature on Information Resources Management	School of Public Affairs	Zijingang Campus	Spring&Summer	3	3.0-0.0
English & Chinese*	20120800	资源与环境经济学	The Economics of Environment and Resource	School of Public Affairs	Zijingang Campus	Spring	2	4.0-0.0
English Only	73190100	Global Health	Global Health	School of Public Health	Zijingang Campus	Summer	2	4.0-0.0
English Only	73190050	History of Medicine	History of Medicine	School of Public Health	Zijingang Campus	Spring	2	4.0-0.0
English Only	73190110	Medical Philosophy	Medical Philosophy	School of Public Health	Zijingang Campus	Spring	2	4.0-0.0
English & Chinese*	1814N001	健康促进	Health Promotion	School of Public Health	Zijingang Campus	Spring	1.5	3.0-0.0
English & Chinese*	1814N004	解码长寿	Decode Longevity	School of Public Health	Zijingang Campus	Spring	1.5	3.0-0.0
English & Chinese*	7312N001	医学史—医学的过去，现在和未来	Medicine: Its Past, Present and Future	School of Public Health	Zijingang Campus	Spring	1.5	3.0-0.0

English & Chinese*	22120270	国际证券市场导论	Introduction to Global Security Market	School of Software Technology	Zijingang Campus	Summer	1	2.0-0.0
English & Chinese*	22120032	软件工程基础	Fundamentals of Software Engineering	School of Software Technology	Zijingang Campus	Summer	2.5	3.0-4.0
English & Chinese*	22120300	外汇交易系统	Foreign Exchange Trading System	School of Software Technology	Yuquan Campus	Summer	1.5	3.0-0.0
English Only	ECE 120		Intro to Computing	Zhejiang University - University of Illinois Urbana-Champaign Institute, ZJUI	Haining International Campus	Spring	4	3.0-1.0
English Only	MATH 231		Calculus II	Zhejiang University - University of Illinois Urbana-Champaign Institute, ZJUI	Haining International Campus	Spring	3	2.0-2.0
English Only	MATH 241		Calculus III	Zhejiang University - University of Illinois Urbana-Champaign Institute, ZJUI	Haining International Campus	Spring	4	2.0-2.0
English Only	PHYS 211		University Physics: Mechanics	Zhejiang University - University of Illinois Urbana-Champaign Institute, ZJUI	Haining International Campus	Spring	4	2.0-2.0-2.0
English Only	CHEM 104		General Chemistry II	Zhejiang University - University of Illinois Urbana-Champaign Institute, ZJUI	Haining International Campus	Spring	3	2.0-2.0
English Only	CHEM 105		General Chemistry Lab II	Zhejiang University - University of Illinois Urbana-Champaign Institute, ZJUI	Haining International Campus	Spring	1	0.0-2.0
English Only	MATH 257		Linear Algebra with Computational Applications	Zhejiang University - University of Illinois Urbana-Champaign Institute, ZJUI	Haining International Campus	Spring	3	2.0-2.0
English Only	ECE 210		Analog Signal Processing	Zhejiang University - University of Illinois Urbana-Champaign Institute, ZJUI	Haining International Campus	Spring	4	4.0-2.0
English Only	ECE 211		Analog Circuits & Systems	Zhejiang University - University of Illinois Urbana-Champaign Institute, ZJUI	Haining International Campus	Spring	2	2.0-0.0
English Only	MATH 285		Intro to Differential Eq	Zhejiang University - University of Illinois Urbana-Champaign Institute, ZJUI	Haining International Campus	Spring	3	3.0-0.0
English Only	PHYS 213		Univ Physics: Thermal Physics	Zhejiang University - University of Illinois Urbana-Champaign Institute, ZJUI	Haining International Campus	Spring	2	2.0-2.0-2.0
English Only	PHYS 214		Univ Physics: Quantum Physics	Zhejiang University - University of Illinois Urbana-Champaign Institute, ZJUI	Haining International Campus	Spring	2	2.0-2.0-2.0
English Only	CS 225		Data Structures	Zhejiang University - University of Illinois Urbana-Champaign Institute, ZJUI	Haining International Campus	Spring	4	3.0-2.0
English Only	CEE 202		Engineering Risk & Uncertainty	Zhejiang University - University of Illinois Urbana-Champaign Institute, ZJUI	Haining International Campus	Spring	3	3.0-0.0
English Only	ME 200		Thermodynamics	Zhejiang University - University of Illinois Urbana-Champaign Institute, ZJUI	Haining International Campus	Spring	3	3.0-0.0

English Only	TAM 212		Introductory Dynamics	Zhejiang University - University of Illinois Urbana-Champaign Institute, ZJUI	Haining International Campus	Spring	3	2.0-2.0
English Only	TAM 251		Introductory Solid Mechanics	Zhejiang University - University of Illinois Urbana-Champaign Institute, ZJUI	Haining International Campus	Spring	3	2.0-2.0
English Only	UNWL 316		Modern Chinese Literature	Zhejiang University - University of Illinois Urbana-Champaign Institute, ZJUI	Haining International Campus	Spring	3	3.0-0.0
English Only	ENGL 116		Introduction to American Literature	Zhejiang University - University of Illinois Urbana-Champaign Institute, ZJUI	Haining International Campus	Spring	3	3.0-0.0
English Only	ELAC 220		Traditional China	Zhejiang University - University of Illinois Urbana-Champaign Institute, ZJUI	Haining International Campus	Spring	3	3.0-0.0
English Only	SOC 350		Technology and Society	Zhejiang University - University of Illinois Urbana-Champaign Institute, ZJUI	Haining International Campus	Spring	3	3.0-0.0
English Only	PHIL 206		Early Modern Philosophy	Zhejiang University - University of Illinois Urbana-Champaign Institute, ZJUI	Haining International Campus	Spring	3	3.0-0.0
English Only	ECON 102		Microeconomics Principles	Zhejiang University - University of Illinois Urbana-Champaign Institute, ZJUI	Haining International Campus	Spring	3	3.0-0.0
English Only	ECON 103		Macroeconomic Principles	Zhejiang University - University of Illinois Urbana-Champaign Institute, ZJUI	Haining International Campus	Spring	3	3.0-0.0
English Only	PSYC 100		Introduction to Psychology	Zhejiang University - University of Illinois Urbana-Champaign Institute, ZJUI	Haining International Campus	Spring	3	3.0-0.0
English Only	CMN 280		Communication, Technology and Society	Zhejiang University - University of Illinois Urbana-Champaign Institute, ZJUI	Haining International Campus	Spring	3	3.0-0.0
English & Chinese*	1814N003	未来医学	Future Medicine	Department of Clinical Medicine	Zijingang Campus	Summer	1.5	3.0-0.0
English Only		传播学2	Communications Studies 2	Zhejiang University International Business School (ZIBS)	Haining International Campus	Spring&Summer	2	24 (total teaching hour)
English Only		公司金融	Principles of Corporate Finance	Zhejiang University International Business School (ZIBS)	Haining International Campus	Spring&Summer	4	56 (total teaching hour)
English Only		金融产品与金融市场	Financial Products & Markets	Zhejiang University International Business School (ZIBS)	Haining International Campus	Spring&Summer	3	42 (total teaching hour)
English Only		营销学基础	Principle of Marketing	Zhejiang University International Business School (ZIBS)	Haining International Campus	Spring&Summer	4	56 (total teaching hour)
English Only		全球传播	Global Communication	Zhejiang University International Business School (ZIBS)	Haining International Campus	Spring&Summer	3	42 (total teaching hour)
English Only		国际商务	International Business Management	Zhejiang University International Business School (ZIBS)	Haining International Campus	Spring&Summer	3	42 (total teaching hour)

English Only		技术与组织	Technology and Organization	Zhejiang University International Business School (ZIBS)	Haining International Campus	Spring&Summer	3	42 (total teaching hour)
English Only		战略管理	Strategic Management	Zhejiang University International Business School (ZIBS)	Haining International Campus	Spring&Summer	3	42 (total teaching hour)
English Only		企业社会责任	Corporation Social Responsibility	Zhejiang University International Business School (ZIBS)	Haining International Campus	Spring&Summer	3	42 (total teaching hour)
English Only		领导力发展	Leadership Development	Zhejiang University International Business School (ZIBS)	Haining International Campus	Spring&Summer	2	24 (total teaching hour)