

2020-2021-1 Undergraduate Courses Taught in English 全英文授课的本科生课程

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Department 开课院系		Course Number 课程号	Serial Number 课序号	Course 课程名		Teacher 任课教师	Total Credit 总学时	Credit 学分	Capacity for Undergraduates 本科生课容量	Capacity for Postgraduates 研究生课容量
Department of Civil Engineering	土木系	20030134	0	Structural Mechanics(1)(in English)	结构力学(1)(英)	李全旺	64	4	25	0
Department of Civil Engineering	土木系	30030482	0	Construction Contracts	工程合同管理(英)	廖彬超	32	2	60	0
Department of Civil Engineering	土木系	40030902	0	Building Materials	建筑材料(英)	魏亚	32	2	30	0
Department of Civil Engineering	土木系	40030942	0	Traffic Analysis and Design	交通分析与交通设计	吴建平	32	2	50	0
Department of Construction Management	建管系	40910222	0	Sustainable Urbanization in an International Comparative Perspective	国际比较视野下的可持续城镇化	李楠	32	2	18	0
Department of Hydraulic Engineering	水利系	40040913	0	Theories and Applications of Remote Sensing	遥感基本原理和方法(英)	龙笛	48	3	40	0
School of Environment	环境学院	40050773	0	Sustainability: Environment, Energy and Personal Choices	可持续型社会：环境、能源与行为	鲁玺	32	3	20	0
Department of Mechanical Engineering	机械系	20120314	0	Fundamentals of Mechanical Design	机械设计基础	赵景山	110	4	15	0
Department of Mechanical Engineering	机械系	30120403	0	Micro-Computer Control for Mechanical System	机械系统微机控制(英)	刘大猛	48	3	20	0
Department of Energy and Power Engineering	能动系	30140012	0	Speciality-reading in English	专业英语阅读	David Michael Christopher	32	2	25	0
Department of Energy and Power Engineering	能动系	30140362	0	Numerical Methods in Fluid dynamics and Heat Transfer(in English)	数值传热学(英)	David Michael Christopher	32	2	30	0
Department of Energy and Power Engineering	能动系	30140444	0	Thermodynamics	工程热力学(英)	游小清	64	4	25	0
Department of Energy and Power Engineering	能动系	30140463	0	Measurement and Instrumentation for Energy and Power Systems	能源动力系统测量与仪器(英)	超星	48	3	25	0
Department of Energy and Power Engineering	能动系	30140482	0	Introduction to Scientific Computing	科学计算导论(英)	Valiev Damir	32	2	25	0
Department of Energy and Power Engineering	能动系	40140963	0	Heat Transfer	传热学(英)	刘有晟	48	3	25	0
Department of Industrial Engineering	工业工程	30160152	0	Engineering Economy	工程经济学	白茜文	32	2	91	0
Department of Industrial Engineering	工业工程	40160522	0	International Logistics(in English)	国际物流(英)	白茜文	32	2	30	0
Department of Electrical Engineering	电机系	30220363	0	Modern Control Systems	自动控制原理(英)	沈沉	48	3	60	0
Department of Microelectronics and Nanoelectronics	微纳电子系	30260112	0	Integrated Circuit Fabrication Processes	微电子工艺技术(英)	唐建石	32	2	30	0
Department of Microelectronics and Nanoelectronics	微纳电子系	30260163	0	Foundations of Integrated Circuit (1)	集成电路基础(1)(英)	刘雷波	48	3	40	0

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Department of Microelectronics and Nanoelectronics	微纳电子系	40260262	0	Introduction to Quantum Information Science	量子信息学引论(英)	陈炜	32	2	30	0
School of Aerospace Engineering	航院	20310504	0	Theoretical Mechanics(in English)	理论力学(英)	郑丽丽	76	4	30	0
School of Materials Science and Engineering	材料学院	40350033	0	Electron Microscopy	电子显微分析	章晓中	48	3	120	0
Department of Mathematical Sciences	数学系	10421055	18	Calculus A(1)	微积分A(1)	Donovan William Ross Goodchild	100	5	150	0
Department of Mathematical Sciences	数学系	10421263	3	Calculus C(1)(For Social Science)	微积分C(1)	Huang Yi	68	3	180	0
Department of Mathematical Sciences	数学系	10421305	90	Calculus A(1)	微积分A(1)(英)	Haghighat Babak	100	5	150	0
Department of Mathematical Sciences	数学系	10421324	19	Linear Algebra	线性代数		84	4	150	0
Department of Mathematical Sciences	数学系	10421334	90	Linear Algebra (English)	线性代数 (英)	杨一龙	84	4	150	0
Department of Physics	物理系	10430354	0	Physics(2)(in English)	大学物理(2)(英)	Bisset Michael Andrew	64	4	120	0
Department of Physics	物理系	20430225	1	Fundamentals of Physics (1)	基础物理学(1)	蒋硕	80	5	70	0
Department of Physics	物理系	30430224	0	Applications of General Relativity	广义相对论的应用	Bisset Michael Andrew	64	4	40	0
Department of Chemistry	化学系	30440202	0	Frontiers of Materials Chemistry	前沿材料化学	Wei Yen	32	2	60	0
School of Life Sciences	生命学院	30450213	1	Biochemistry(2)(in English)	生物化学(2)(英文)	李珍	48	3	155	0
School of Life Sciences	生命学院	30450213	2	Biochemistry(2)(in English)	生物化学(2)(英文)	李珍	48	3	145	0
School of Life Sciences	生命学院	30450263	0	Microbiology(in English)	微生物学(英文)	陈国强	48	3	175	0
Department of Earth System Science	地学系	10460043	90	Sustainability Science	可持续性科学	刘竹	48	3	40	0
Institute for Interdisciplinary Information Sciences	交叉信息院	20470034	0	General Physics(2)(in English)	普通物理 (2) (英)	孙麓岩	64	4	100	0
Institute for Interdisciplinary Information Sciences	交叉信息院	20470044	0	Linear Algebra	线性代数	徐勇	64	4	100	0
Institute for Interdisciplinary Information Sciences	交叉信息院	20470073	0	Introduction to Artificial Intelligence	人工智能入门	袁洋	48	3	80	0
Institute for Interdisciplinary Information Sciences	交叉信息院	30470013	0	Introduction to Computer Science	计算机入门	段然	48	3	100	0
Institute for Interdisciplinary Information Sciences	交叉信息院	30470084	0	Operating System	操作系统	徐葳	64	4	90	0
Institute for Interdisciplinary Information Sciences	交叉信息院	30470093	0	Computational Biology	计算生物学	曾坚阳	48	3	40	10
Institute for Interdisciplinary Information Sciences	交叉信息院	30470104	0	Machine learning	机器学习	袁洋	64	4	90	0

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Institute for Interdisciplinary Information Sciences	交叉信息学院	30470124	0	Algorithm Design	算法设计	李建	64	4	100	10
Institute for Interdisciplinary Information Sciences	交叉信息学院	30470223	0	Introduction to Computer Networks	计算机网络基础	黄隆波	48	3	40	0
Institute for Interdisciplinary Information Sciences	交叉信息学院	30470303	0	Probability and Statistics	概率与统计	姚期智	48	3	60	0
Institute for Interdisciplinary Information Sciences	交叉信息学院	40470024	0	Fundamentals of Cryptography	密码学基础	吴文斐	64	4	60	0
Institute for Interdisciplinary Information Sciences	交叉信息学院	40470243	0	Artificial Intelligence: Principles and Techniques	人工智能：原理与技术	张崇洁	48	3	90	0
Institute for Interdisciplinary Information Sciences	交叉信息学院	40470293	0	Quantum Communication and Cryptography	量子通讯与密码	马雄峰	48	3	60	0
Institute for Interdisciplinary Information Sciences	交叉信息学院	40470323	0	Introduction to Artificial Intelligence Chip: From Verilog to FPGA	人工智能芯片入门：从硬件描述语言到FPGA实现	马恺声	48	3	20	0
Institute for Interdisciplinary Information Sciences	交叉信息学院	40470333	0	Data Mining	数据挖掘	高逸涵	48	3	60	0
School of Economics and Management	经管学院	00510493	0	Theory of Industrial Organization	产业组织理论	高明	48	3	150	0
School of Economics and Management	经管学院	20510082	0	Computer Network	计算机网络	郭迅华	32	2	50	0
School of Economics and Management	经管学院	30510073	1	Public Finance	公共财政学	吴斌珍	48	3	120	0
School of Economics and Management	经管学院	30510073	2	Public Finance	公共财政学	吴斌珍	48	3	100	0
School of Economics and Management	经管学院	30510273	0	Data Structures and Algorithms	数据结构	卫强	48	3	100	0
School of Economics and Management	经管学院	30510393	0	Auditing(1)	审计学(1)	李丹	48	3	40	0
School of Economics and Management	经管学院	30510643	0	Accounting Information System	会计信息系统	尹程	48	3	30	0
School of Economics and Management	经管学院	30510732	0	General Management	管理学原理	杨灵	32	2	15	0
School of Economics and Management	经管学院	30510743	0	Intermediate Microeconomics	中级微观经济学	郑捷	48	3	258	2
School of Economics and Management	经管学院	30510763	0	Intermediate Macroeconomics	中级宏观经济学	欧阳敏	48	3	280	0
School of Economics and Management	经管学院	30510893	0	Financial Statement Analysis	财务报表分析	李丹	48	3	45	0
School of Economics and Management	经管学院	30510962	0	Financial Institution	金融机构	庞家任	32	2	40	0
School of Economics and Management	经管学院	30511053	1	Corporate Finance	公司金融	陈云玲	48	3	113	0

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School of Economics and Management	经管学院	30511053	2	Corporate Finance	公司金融	沈涛	48	3	140	0
School of Economics and Management	经管学院	40510093	0	Topics on International Accounting	国际会计专题	郝振平	48	3	25	0
School of Economics and Management	经管学院	40510193	0	Management Systems Simulation	管理系统模拟	卫强	48	3	25	0
School of Economics and Management	经管学院	40510323	0	Intermediate Financial Accounting(1)	中级财务会计(1)	罗婷	48	3	65	0
School of Economics and Management	经管学院	40510673	0	Empirical Finance	实证金融学		48	3	85	0
School of Economics and Management	经管学院	40510973	0	Labor Economics	劳动经济学	施新政	48	3	60	0
School of Economics and Management	经管学院	40510992	0	Enterprise Resource Planning	企业资源规划	易成	32	2	20	0
School of Economics and Management	经管学院	40511003	0	Environmental and Resource Economics	环境与资源经济学	曹静	48	3	50	0
School of Economics and Management	经管学院	40511093	0	Financial Management	财务管理	贾宁	48	3	55	0
School of Economics and Management	经管学院	40511202	0	International Business	国际商务	谢真臻	32	2	40	0
School of Economics and Management	经管学院	40511223	0	Behavioral Economics	行为经济学	郑捷	48	3	60	0
School of Economics and Management	经管学院	40511342	0	The Business Cycle Analysis	经济周期分析	欧阳敏	32	2	80	0
School of Economics and Management	经管学院	40511891	0	Global Perspectives—Management and Innovation of German Firms	全球商务观察—德国企业的管理与创新	焦捷	16	1	40	0
School of Law	法学院	40661373	0	The Law of the World Trade Organization(in English)	世界贸易组织法(英)	吕晓杰	48	3	95	5
School of Law	法学院	40661493	0	Legal Reasoning	法律推理	William Lev Rosoff	48	3	40	5
School of Law	法学院	40661773	0	Foundations of Common Law(3)	普通法精要 (3)	Luong Theone Thuy-Nhi	48	3	20	10
School of Law	法学院	40661794	0	Foundations of Common Law(2)	普通法精要 (2)	William Lev Rosoff	64	4	40	10
School of Journalism and Communication	新闻学院	30670612	0	English News Writing	英语新闻写作	Richard Scott Dunham	32	2	45	0
School of Humanities	人文学院	30690524	0	Logic, Language, and Philosophy	逻辑、语言与哲学	刘奋荣	64	4	45	0
School of Humanities	人文学院	40690952	0	Logic, Computation and Games	逻辑、计算和博弈	Johannes Van Benthem	48	2	40	0
School of Social Sciences	社科学院	00701601	90	Exploring Psychology	心理学入门 (英)	钱静	16	1	280	0
School of Social Sciences	社科学院	00701643	90	Introduction to Cognitive Science	认知科学简介	Stella Christie	48	3	100	0

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School of Social Sciences	社科学院	10700073	0	Mind, Individual and Culture	心智、个体与文化(英)	钱静	48	3	60	0
School of Social Sciences	社科学院	30700313	0	Introductory Psychology	心理学概论	Stella Christie	48	3	100	0
School of Social Sciences	社科学院	30700603	0	Behavioral Economics	行为经济学(英)	钱静	48	3	25	0
Fundamental Industry Training Center of Tsinghua University	训练中心	01510223	90	Computational Thinking and Foundations and Practice of System Design	计算思维和系统设计基础	顾学雍	48	3	30	0
Xinya College	新雅书院	14700053	0	A Humanistic Approach to English Literature	英国文学的人文理解	Yuan Heh Hsiang	48	3	30	0
Xinya College	新雅书院	14700103	0	Guided Reading of Literary Works: Modern Fiction	文学作品导读: 西方现代小说	陈艳姜	48	3	30	0
Xinya College	新雅书院	14700173	0	Literature and the University	文学与大学	曹莉	48	3	30	0