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济人济事济天下

同济大学概况

同济大学创建于 1907 年，是教育部直属重点大学，被列入国家“211 工程”和“985 工程”重点建设的高水平大学行列，现已成为拥有理、工、医、文、法、经济、管理、艺术、哲等 9 大学科门类的研究型、综合性大学。

学校现有在读学生 46000 多人，其中本科生 20000 人，硕士、博士研究生 26000 人。校园占地面积 3800 多亩。

学校网址：www.tongji.edu.cn

Tongji University, established in 1907, is one of the leading universities directly under the leadership of State Ministry of Education in China and is sponsored by the national programs “Project 211” and “Project 985”. It is now a comprehensive university with nine disciplines in science, engineering, medicine, liberal arts, law, economics, management, arts, and philosophy.

The university now has over 46,000 students on campus, with 20,000 undergraduate and 26,000 postgraduates and PhD candidates. Tongji University covers an area of 2,533,000 square meters.

Website: www.tongji.edu.cn

同济大学本科专业 >>



经济与管理学院	工程管理；信息管理与信息系统；物理管理；市场营销；会计学；国际经济与贸易；金融学；行政管理
建筑与城市规划学院	建筑学（五年）；建筑学（室内设计）（五年）；城市规划（5年）；历史建筑保护工程；景观学
设计创意学院	艺术设计；工业设计
艺术与传媒学院	广告学；广播电视新闻学；广播电视编导；音乐表演；表演
土木工程学院	土木工程；地质工程；港口航道与海岸工程
测绘与地理信息学院	地理信息系统；测绘工程
交通运输工程学院	交通工程；交通运输；物流工程
机械与能源工程学院	机械设计制造及其自动化；工业工程；建筑环境与设备工程；热能与动力工程
汽车学院	车辆工程（汽车）（五年）
铁道与城市轨道交通研究院	车辆工程（轨道交通）
环境科学与工程学院	环境工程；给水排水工程；环境科学
材料科学与工程学院	材料科学与工程
电子与信息工程学院	计算机科学与技术；信息安全；电子信息工程；电气工程及其自动化；自动化；通信工程；电子科学与技术
软件学院	软件工程
应用数学系	数学与应用数学；统计学
物理科学与工程学院	应用物理学；光信息科学与技术
化学系	应用化学；化学工程与工艺
航空航天与力学学院	飞行器制造工程；工程力学
海洋与地球科学学院	地质学；地球物理学；海洋资源开发技术
外国语学院	德语；英语；日语
法学院	法学
政治与国际关系学院	政治学与行政学；社会学
人文学院	哲学；汉语言文学；文化产业管理
医学院	临床医学（五年）
口腔医学院	口腔医学（五年）
国际文化交流学院	汉语言（经贸方向）
生命科学与技术学院	生物技术；生物信息学
中德工程学院	机械电子工程；汽车服务工程；建筑设施智能技术
职业技术教育学院	电子信息工程（职教师资）；土木工程（职教师资）；工商管理（职教师资）

Undergraduate Programs >>

School of Economics and Management	Engineering Management; Information Management & Information Systems; Logistics Management; Marketing; Accounting; International Economics & Trade; Finance; Administrative Management
College of Architecture and Urban Planning	Architecture(5 years); Architecture(interior design)(5 years); Urban Planning(5 years); Historic Building Protection Engineering; Landscape Studies
College of Design and Innovation	Art Design; Industrial Design
College of Communication and Art	Advertising; Broadcast & Television Journalism; Broadcast & TV Directing; Performance; Music Performance
College of Civil Engineering	Civil Engineering; Geological Engineering; Port Channel & Coast Engineering
College of Geographic Information and Surveying	Geographic Information System; Survey & Drawing Engineering
School of Transportation Engineering	Traffic Engineering; Transportation & Communication; Logistics Engineering
School of Mechanical Engineering	Machinery Design & Manufacturing & Automation; Industrial Engineering; Architectural Environment & Equipment; Thermal Energy & Dynamic Engineering
School of Automotive Studies	Automobile Engineering (Automobile School)(5 years)
Institute of Railway and Urban Mass Transit	Vehicle Engineering (railway)
College of Environmental Science and Engineering	Environmental Engineering; Water Supply & Sewerage Engineering; Environmental Science
School of Materials Science and Engineering	Materials Science & Engineering
School of Electronics and Information	Computer Science & Technology; Information Security; Electronic Information Engineering; Electrical Engineering & Automation; Automation; Communications Engineering; Electronic Science & Technology
School of Software Engineering	Software Engineering
Department of Mathematics	Mathematics & Applied Mathematics; Statistics
School of Physics Science and Engineering	Applied Physics; Light Information Science and Technology
Department of Chemistry	Applied Chemistry; Chemical Engineering & Technology
School of Aerospace Engineering and Applied Mechanics	Flight Vehicle Manufacture Project; Engineering Mechanics
School of Ocean and Earth Science	Geology; Geophysics; Exploitation Technologies for the Utilization of Marine Resources
School of Foreign Languages	German; English; Japanese
Law School	Law
School of Political Science & International Relations	Politics & Administration; Sociology
School of Liberal Arts	Philosophy; Culture Industry Management; Chinese Literature
School of Medicine	Clinical Medicine (5 years)
College of Stomatology	Stomatology (5 years)
International School	Chinese Language (Economics and Trade Oriented)
School of Life Sciences and Technology	Biological Technology; Biological Information
Sino-German College of Applied Science	Mechatronics; Automotive Engineering & After-Sales Services; Building Services
Institute of Vocational Instructors	Electronics and Information Engineering(for teachers of vocational education); Civil Engineering(for teachers of vocational education); Business Administration(for teachers of vocational education)

一. 国家级双语教学示范课程 >>> National Model Bilingual Courses

序号 Sequence Number	课号 Course Number	课程名称 (中文) Course Name (Chinese)	课程名称 (英文) Course Name (English)	教师 Course Teacher
1	030238	地下水动力学	Ground Water Dynamics	叶为民
2	050134	环境监测	Environmental Monitoring	陈玲
3	420023	数据库原理与应用	Database Principles and Application	穆斌

二. 上海市级示范性全英语教学课程 >>> Model English-taught Courses of Shanghai

序号 Sequence Number	课号 Course Number	课程名称 (中文) Course Name (Chinese)	课程名称 (英文) Course Name (English)	教师 Course Teacher
1	420023	数据库原理与应用	Database Principles and Application	穆斌
2	050221	环境化学	Environmental Chemistry	徐冉
3	450063	航空材料	Aircraft Materials	李岩
4	102032	计算机控制系统	Computer Controlled System	王祝萍
5	010321	企业电子商务	E-Business in Enterprises	杨德华
6	170034	生物信息学概论	Intruduction to Bioinformatics	张晓艳
7	033087	地质工程导论	An Outline of Geological Engineering	叶为民
8	050264	环境工程概论	Introduction to Environmental Engineering	李咏梅
9	010809	西方经济学	Economics in the West	李永
10	031095	木结构	Timber Engineering	何敏娟
11	010303	战略管理	Strategic Management	俞秀宝

三. 校级示范性全英语教学课程 >>> Model English-taught Courses of Tongji University

序号 Sequence Number	学院名称 Name of Institute	课号 Course Number	课程名称 (中文) Course Name (Chinese)	课程名称 (英文) Course Name (English)	教师 Course Teacher
1	经济与管理学院	010809	西方经济学	Economics in the West	李永
2		010867	中级经济学	Intermediate Economics	李奕滨
3		010344	应用统计学	Applied Statistics	王世进
4	土木工程学院	030158	混凝土结构基本原理	Fundamentals of Concrete Structures	苏小卒
5		033087	地质工程导论	An Outline of Geological Engineering	叶为民
6		031145	木结构	Timber Engineering	何敏娟
7		030235	结构力学	Structural Mechanics	孙飞飞
8		030130	结构力学 I	Structural Mechanics I	孙飞飞
9		031310	建筑结构抗震	Seismic Design of Building Structures	熊海贝
10	环境科学与工程学院	050264	环境工程概论	Introduction to Environmental Engineering	李咏梅
11		050287	环境工程微生物学	Microbiology of Environmental Engineering	王荣昌
12	口腔医学院	142007	口腔正畸学	Orthodontics	刘月华
13	政治与国际关系学院	070091	美国政治	Politics in the USA	王传兴
14	电子与信息工程学院	105036	数字信号处理及实验	Digital Signal Processing with Experiments	孙懋珩
15		102045	电磁学与电磁波	Electromagnetic Fields and Waves	尹学锋
16		102020	数字电子技术	Digital Circuits	周俊鹤
17	数学系	122008	高等数学 D	Advanced Mathematics D	梁进
18	物理科学与工程学院	124010	电磁学	Electromagnetism	张建卫
19	国际文化交流学院		"当代中国" 系列课程	China Today	吕培明
20	海洋与地球科学学院	310067	固体地球物理学 II(天然地震学)	Solid Earth Geophysics II(Seismology)	薛梅

四. 校级示范性双语教学课程 >>

Model Bilingual Courses of Tongji University

序号 Sequence Number	学院名称 Name of Institute	课号 Course Number	课程名称 (中文) Course Name (Chinese)	课程名称 (英文) Course Name (English)	教师 Course Teacher
1	经济与管理学院	010168	会计学	Accounting	张其秀
2		010321	电子商务	E-Business in Enterprises	杨德华
3		010728	西方经济学	Economics in the West	吴建伟
4		010533	房地产经济学	Real Estate Economics	钱瑛瑛
5	建筑与城市规划学院	024196	风景区规划原理	Planning Principle of Scenic Areas	韩 锋
6		023061	英语视觉传达 / 环境设计	Visual Communication Design/ Environment Design	陈永群
7	土木工程学院	031145	木结构	Timber Engineering	何敏娟
8		030238	地下水动力学	Ground water Dynamics	叶为民
9		030130	结构力学 (I)	Structural Mechanics (I)	孙飞飞
10		030158	混凝土结构基本原理	Fundamentals of Concrete Structures	苏小卒
11		030342	地理信息系统	Principle of Geographic Information System	刘 春
12		031183	建筑混凝土结构设计	Design of Concrete Building Structures	苏小卒
13		031310	建筑结构抗震	Seismic Design of Building Structures	吕西林
14	环境科学与工程学院	050221	环境化学	Environmental Chemistry	李凤亭
15		050240	环境监测	Environmental Monitoring	仇雁翎
16	材料科学与工程学院	080009	材料研究方法	Material Characterization	许乾慰
17	电子与信息工程学院	102041	数字图像处理	Digital Image Processing	刘富强
18		100202	微机原理与接口技术	The Principle of Microprocessor and its Interface Techniques	陈启军
19		105036	数字信号处理及实验	Digital Signal Processing with Experiments	孙懋珩
20	物理系	124001	大学物理	University Physics	张 睿
21	医学院	140451	医学免疫学	Medical Immunology	戴亚蕾
22	口腔医学院	142000	口腔生物学	Oral Biology	马 健
23	生命科学与技术学院	170017	分子生物学	Molecular Biology	郭占云
24	软件学院	420192	软件工程	Software Engineering	刘 琴
25		420023	数据库原理与应用	Database Principles and Application	穆 斌
26	中德工程学院	510182	车辆工程基础	Automotive Engineering	陈 明
27		510023	企业经济与质量管理	Business Administration & Quality Management	冯 晓

五. 英语讲授通识类课程 >>

General Courses Taught in English

China Today “当代中国”系列课程

The General Courses Taught in English: China Today, which presents general knowledge on the topic of China, is open to all the international students at Tongji University. There are ten courses: Chinese History and Culture, China's Socio-Economic Development, Shape and Growth of the Towns and Villages in China, Sustainable Development in China, Intercultural Communication, Cultural Heritage Conservation in China, China's Foreign Affairs and International Relations, Chinese intellectual Property Protection, Urban Culture and Urban Aesthetics and Introduction to Chinese Music and Songs.

序号 Sequence Number	课号 Course Number	课程名称 (中文) Course Name (Chinese)	课程名称 (英文) Course Name (English)	教师 Course Teacher
1	130102	中国历史与文化	Chinese History and Culture	SUN Yixue
2	130103	中国社会经济	China' s Socio-Economic Development	Frank Y.O. PENG
3	020287	中国城乡建设	Shape and Growth of the Towns and Villages in China	ZHANG Guanzeng
4	050320	中国可持续发展	Sustainable Development in China	JIANG Dahe
5	110272	跨文化交际学概论	Intercultural Communication	LU Peiming
6	020288	中国城镇历史文化遗产保护	Cultural Heritage Conservation in China	ZHOU Jian
7	530057	中国外交与国际关系	China' s Foreign Affairs and International Relations	QIU Huafei
8	050264	中国知识产权保护	Chinese intellectual Property Protection	SHAN Xiaoguang
9	020286	城市文化与城市美学	Urban Culture and Urban Aesthetics	ZHANG Guanzeng
10	180723	中国音乐与歌曲入门	Introduction to Chinese Music and Songs	YI Ningyan

同济大学双语全英语教学课程清单 >>

List of Bilingual & English-taught Courses of Tongji University

序号 Sequence Number	学院名称 School/ Department	课号 Course Number	课程名称 (中文) Course Name	课程名称 (英文) Course Name	学时 Class hours	学分 Credit	教学对象 Teaching Object	授课语言 Language
1	School of Material Engineering	080141	信息材料概论	Introduction to Information Materials	34	2	undergraduate	Bilingual
2	School of Material Engineering	080197	材料现代制备技术	Advanced Preparation Technology of Materials	34	2	undergraduate	Bilingual
3	School of Material Engineering	080111	复合材料学	Composite Materials	51	3	undergraduate	Bilingual
4	School of Material Engineering	080107	材料工程基础	Fundamentals of Materials Engineering	68	4	undergraduate	Bilingual
5	School of Material Engineering	080091	纳米复合材料	Nanocomposite Materials	68	4	undergraduate	Bilingual
6	School of Material Engineering	080009	材料研究方法	Materials Characterization	68	4	undergraduate	Bilingual
7	School of Material Engineering	2060205	智能高分子材料	Smart Polymer Nanomaterials			graduate student	English
8	School of Material Engineering	2060215	材料化学	Materials Chemistry	54	3	graduate student	English
9	School of Material Engineering	080149	功能复合材料	Functional Composite Materials	34	2	graduate student	English
10	School of Material Engineering	080209	无机材料化学合成原理	Principles of Chemical Synthesis of Inorganic Materials	34	2	graduate student	English
11	School of Material Engineering	080198	新材料科学现状与发展趋势	Status and Trends of novel Materials	34	2	graduate student	English
12	School of Material Engineering	080135	特种建筑材料	Special Building Materials	34	2	graduate student	English
13	School of Material Engineering	080214	金属材料热处理原理	Principles of Metal Heat Treatment	34	2	graduate student	English
14	School of Material Engineering	080211	高分子助剂	Polymer Additives	34	2	graduate student	English
15	College of Communication and Art	2200119	新闻传播经典理论	Classical Theories of News Dissemination			graduate student	English
16	College of Communication and Art	180662	算法艺术	Algorithmic Art	34	2	undergraduate	Bilingual
17	College of Communication and Art	180711	影视特效 2	Special Visual Effects Production	34	2	undergraduate	Bilingual
18	College of Communication and Art	180659	交互媒体设计	Interactive Media Design	34	2	undergraduate	Bilingual

序号 Sequence Number	学院名称 School/ Department	课号 Course Number	课程名称 (中文) Course Name	课程名称 (英文) Course Name	学时 Class hours	学分 Credit	教学对象 Teaching Object	授课语言 Language
19	College of Communication and Art	180712	三维动画 1	3D Animation LV1	68	4	undergraduate	Bilingual
20	College of Communication and Art	2200085	华语电影研究	Chinese Films Study	54	3	graduate student	English
21	College of Communication and Art	2200064	新媒体艺术创作 1	New Media Art Creation 1	54	3	graduate student	English
22	College of Communication and Art	2200068	传统文化艺术研究 (新)	Research on Traditional Cultural Art	36	2	graduate student	English
23	College of Communication and Art	2200126	三维交互媒体与三维游戏设计	Designing 3D Interactive Media and 3D Games	64	4	graduate student	English
24	College of Communication and Art	2200073	艺术评论	Art Criticism	34	2	graduate student	English
25	College of Communication and Art	2200061	当代影像理论	Theory of Contemporary Image Art	36	2	graduate student	English
26	College of Communication and Art	2200060	影视语言研究	Film Language study	36	2	graduate student	English
27	College of Communication and Art	2200012	视觉传达的理论与实践	Visual Communication Theory and Practice	36	2	graduate student	English
28	College of Communication and Art	2200065	影视特效制作	Special or Visual Effects Production	34	2	graduate student	English
29	College of Communication and Art	2200064	新媒体艺术创作 (一)	New Media Art Creation 1	54	3	graduate student	English
30	College of Communication and Art	2200072	新媒体艺术创作 (二)	New Media Art Creation 2	54	3	graduate student	English
31	College of Design and Innovation	550002	设计基础	Design basis	68	4	undergraduate	Bilingual
32	College of Design and Innovation	550015	专业设计二	Professional Design Studio 2	68(136)	8	undergraduate	Bilingual
33	College of Design and Innovation	550017	专业设计四	Professional Design Studio 4	68(136)	8	undergraduate	Bilingual
34	College of Design and Innovation	550039	专业设计五	Professional Design Studio 5	68(136)	8	undergraduate	Bilingual
35	College of Design and Innovation	2270010	设计研究和写作	Design Research and Writing	36	2	graduate student	English
36	College of Design and Innovation	550016	专业设计三	Professional Design Studio 3	68(136)	8	undergraduate	Bilingual
37	College of Electronics and Information	100160	计算机系统结构	Computer Architecture	51	3	undergraduate	Bilingual
38	College of Electronics and Information	102229	模拟集成电路设计	Analog IC Design	51	3	undergraduate	Bilingual

序号 Sequence Number	学院名称 School/ Department	课号 Course Number	课程名称 (中文) Course Name	课程名称 (英文) Course Name	学时 Class hours	学分 Credit	教学对象 Teaching Object	授课语言 Language
39	College of Electronics and Information	102229	数字集成电路设计	Digital IC Design	51	3	undergraduate	Bilingual
40	College of Electronics and Information	102045	电磁场和电磁波	Electromagnetic fields and waves	51	3	undergraduate	English
41	College of Electronics and Information	102231	集成电路设计	Chip design for integrated systems	54	3	undergraduate	English
42	College of Electronics and Information	100071	半导体物理	Semiconductor device physics	54	2	undergraduate	English
43	College of Electronics and Information	102243	微波技术	Microwave technology	54	3	undergraduate	English
44	College of Electronics and Information	100197	模电原理	Fundamentals of Analog Electronics	68	4	undergraduate	English
45	College of Electronics and Information	102020	数字电路	Digital circuits	51	3	undergraduate	English
46	College of Electronics and Information	102204	电路基本原理	Basic theory of circuits	72	4	undergraduate	English
47	College of Electronics and Information	102180	信号和系统	Signals and systems	68	4	undergraduate	English
48	College of Electronics and Information	100070	半导体材料物理	Physics of semiconductor materials	54	2	undergraduate	English
49	College of Electronics and Information	102262	微控制器原理及应用	Micro-Controller Units	68	4	undergraduate	English
50	College of Electronics and Information	102209	通信系统原理	Fundamentals of communication systems	54	3	undergraduate	English
51	College of Electronics and Information	2080348	电子科学与技术专题	Special Topics on Electronic Science and Technology			graduate student	English
52	College of Electronics and Information	105036	数字信号处理	Digital signal processing	54	3	undergraduate	Bilingual
53	College of Electronics and Information	105031	通信系统原理	Principles of communication system	68	4	undergraduate	Bilingual

序号 Sequence Number	学院名称 School/ Department	课号 Course Number	课程名称 (中文) Course Name	课程名称 (英文) Course Name	学时 Class hours	学分 Credit	教学对象 Teaching Object	授课语言 Language
54	College of Electronics and Information	102016	信息论基础	Fundamental information theory	34	2	undergraduate	Bilingual
55	College of Electronics and Information	102266	微波与天线	Microwave and antenna	34	2	undergraduate	Bilingual
56	College of Electronics and Information	100182	数字电子技术	Digital Electronics	68	4	undergraduate	English
57	College of Electronics and Information	100018	计算机导论	Introduction to Computer Science	51	3	undergraduate	English
58	College of Electronics and Information	100234	人机交换	Human-Computer Interaction	34	2	undergraduate	English
59	College of Electronics and Information	101010	计算机图形学	Computer Graphics	51	3	undergraduate	English
60	College of Electronics and Information	100338	大学计算机基础	Fundamentals of College Computer	68	3	undergraduate	English
61	College of Electronics and Information	101079	数据仓库与数据挖掘	Data Warehouse and Data Mining	34	2	undergraduate	Bilingual
62	College of Electronics and Information	101019	数据结构	Data Structure	68	4	undergraduate	Bilingual
63	College of Electronics and Information	102275	模式识别	Pattern Recognition	51	3	undergraduate	Bilingual
64	College of Electronics and Information	101024	计算机网络	Computetr Networks	68	4	undergraduate	Bilingual
65	College of Electronics and Information	100145	数据库系统原理	Database System Concepts	68	4	undergraduate	Bilingual
66	College of Electronics and Information	100291	移动计算导论	Mobile Computing Introduction	34	2	undergraduate	Bilingual
67	College of Electronics and Information	100214	计算机与信息安全导论	Computer Science and Information Security	34	2	undergraduate	Bilingual
68	College of Electronics and Information	100242	控制系统与工程技术	Control System & Engineering Technology	85	5	undergraduate	Bilingual

序号 Sequence Number	学院名称 School/ Department	课号 Course Number	课程名称 (中文) Course Name	课程名称 (英文) Course Name	学时 Class hours	学分 Credit	教学对象 Teaching Object	授课语言 Language
69	College of Electronics and Information	100187	自动控制原理	Principles of Auto. Control	68	4	undergraduate	Bilingual
70	College of Electronics and Information	101025	微机原理与接口技术	Computer Principles and Interfacing Technology	68	4	undergraduate	Bilingual
71	College of Electronics and Information	100141	电子可编程器件	Programmable Logic Device	51	2.5	undergraduate	Bilingual
72	College of Electronics and Information	102204	电路理论	Theory of Circuits	68	4	undergraduate	Bilingual
73	College of Electronics and Information	102201	电力电子技术	Power Electronics	36	2	undergraduate	Bilingual
74	Law School	520021	国际知识产权法	International Intellectual Property Law	34	2	undergraduate	Bilingual
75	Law School	520014	著作权法	Copyright Law	34	2	undergraduate	Bilingual
76	Law School	520013	工业产权法	Industrial Property Law	34	2	undergraduate	Bilingual
77	Law School	520019	竞争法	Competition Law	36	2	undergraduate	Bilingual
78	Law School	520015	国际经济法	International economic law	54	3	undergraduate	Bilingual
79	Law School	070139	国际私法	Private International Law	51	3	undergraduate	Bilingual
80	Law School	075090	外国法制史	Foreign Legal History	34	2	undergraduate	Bilingual
81	Law School	075085	国际法	International Law	34	2	undergraduate	English
82	Law School	2240036	国际刑法研究	International criminal Law	54	3	undergraduate & graduate student	Bilingual
83	School of Ocean and Earth	2190015	地球物理学	Geophysics	51	3	graduate student	English
84	School of Ocean and Earth	2190096	第四纪环境学导论	Quaternary Environments	34	2	graduate student	English
85	School of Ocean and Earth	2190097	粘土沉积学	Clay Sedimentology	36	2	graduate student	English
86	College of Aerospace Engineering and Mechanic	450050	计算机辅助飞机制造	Computer Aided Aircraft Manufacturing	51	3	undergraduate	Bilingual
87	College of Aerospace Engineering and Mechanic	450085	飞行器结构力学	Structural Mechanics of Aircraft	51	3	undergraduate	Bilingual
88	College of Aerospace Engineering and Mechanic	125062	流体力学	Fluid Mechanics	34	2	undergraduate	Bilingual

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89	College of Aerospace Engineering and Mechanic	125111	工程力学 I	Engineering Mechanics I	68	4	undergraduate	Bilingual
90	College of Aerospace Engineering and Mechanic	125112	工程力学 II	Engineering Mechanics II	51	3	undergraduate	Bilingual
91	College of Aerospace Engineering and Mechanic	2101093	高等空气动力学	Advanced Aerodynamics	54	3	graduate student	English
92	College of Aerospace Engineering and Mechanic	450063	航空材料	Aircraft Materials	51	3	undergraduate	English
93	College of Aerospace Engineering and Mechanic	450096	计算流体力学	Computational Fluid Dynamics	34	1.5	graduate student	English
94	Department of Chemistry	2104152	分析化学前沿	The Frontier in Analytical Chemistry	36	2	graduate student	English
95	Department of Chemistry	123235	普通化学	General Chemistry	51	3	undergraduate	Bilingual
96	Department of Chemistry	123013	无机化学	Inorganic Chemistry	68	4	undergraduate	Bilingual
97	Department of Chemistry	123028	有机化学 (上)	Organic Chemistry(I)	51	3	undergraduate	Bilingual
98	Department of Chemistry	123029	有机化学 (下)	Organic Chemistry (II)	34	2	undergraduate	Bilingual
99	Department of Chemistry	123019	物理化学 (上)	Physical Chemistry(I)	68	4	undergraduate	Bilingual
100	Department of Chemistry	123199	物理化学 (下)	Physical Chemistry(II)	51	3	undergraduate	Bilingual
101	College of Environmental Science and Engineering	050264	环境工程概论	Introduction to Environmental Engineering	34	2	undergraduate	Bilingual
102	College of Environmental Science and Engineering	050292	环境管理与法规	Environmental Management and Laws	34	2	undergraduate	Bilingual
103	College of Environmental Science and Engineering	050128	环境工程微生物学 (全英文)	Microbiology of Environmental Engineering	34	2	undergraduate	English
104	College of Environmental Science and Engineering	2050186	固体废物处理与资源化	Environmental Engineering(solid waste part)	16	1	graduate student	English
105	College of Environmental Science and Engineering		环境生态学	Environmental Ecology	34	2	graduate student	English
106	College of Environmental Science and Engineering		全球环境变化	Global Environmental Changes			graduate student	English

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107	College of Environmental Science and Engineering		环境项目管理	Environmental Project Management			graduate student	English
108	College of Environmental Science and Engineering		专业外语	Professional Foreign Language			graduate student	English
109	College of Environmental Science and Engineering		环境经济与循环经济	Environmental Economy and Circular Economy			graduate student	English
110	College of Environmental Science and Engineering		环境科学	Environmental Science			graduate student	English
111	College of Environmental Science and Engineering		环境伦理学	Environmental Ethics			graduate student	English
112	College of Environmental Science and Engineering		环境社会学	Environmental Sociology			graduate student	English
113	College of Environmental Science and Engineering	2050136	环境系统分析	Environmental System Analysis			graduate student	English
114	College of Environmental Science and Engineering		环境管理与政策	Environmental Management and Policy			graduate student	English
115	College of Environmental Science and Engineering		可持续发展框架与结构	Framework and Tools for Sustainable development			graduate student	English
116	College of Environmental Science and Engineering		大气科学与气候变化	Atmospheric Science and Climate Change			graduate student	English
117	College of Environmental Science and Engineering		社会实践	Social Practice			graduate student	English
118	School of Mechanical Engineering	040132	系统工程	Systems Engineering	34	2	undergraduate	Bilingual
119	School of Mechanical Engineering	040188	生产计划与调度运作管理	Production Planning and Scheduling Operation Management	34	2	undergraduate	Bilingual
120	School of Mechanical Engineering	041275	计算机通信技术	Computer Communication Technology	34	2	undergraduate	Bilingual
121	School of Mechanical Engineering	040141	机械控制用计算机技术	Computer Technology for Mechanical Control	34	2	undergraduate	Bilingual
122	School of Mechanical Engineering	2030221	机械系统动力学	Mechanical System Dynamics	36	2	graduate student	English
123	School of Mechanical Engineering	042360	空调工程	Air Conditioning Engineering	18	1.5	undergraduate	Bilingual

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124	School of Mechanical Engineering	040268	建筑环境学	Built Environment	34	2	undergraduate	Bilingual
125	College of Architecture and Urban Planning	2010306	城市社会空间与规划	Urban Society , Space and Planning	18	1	graduate student	English
126	College of Architecture and Urban Planning	2010224	城市交通	Urban Transportation	34	2	graduate student	English
127	College of Architecture and Urban Planning	2010102	城市规划与设计	Urban Planning & Design	51	3	graduate student	English
128	College of Architecture and Urban Planning	2010099	城市社会学	Urban Sociology			graduate student	English
129	College of Architecture and Urban Planning	2010307	城市交通规划前沿动态	Urban mobility and transport at stake in China' s urbanization			graduate student	English
130	College of Architecture and Urban Planning	2010103	中美城市发展比较	Comparative Study on Sino-US Urban Development			graduate student	English
131	College of Architecture and Urban Planning	024093	景观规划设计 3	Landscape Planning and Design 3	68	4	undergraduate	Bilingual
132	College of Architecture and Urban Planning	024199	遥感与 GIS 导论	Introduction of GIS and Remote Sensing	34	2	undergraduate	Bilingual
133	College of Architecture and Urban Planning	024092	景观规划设计 2	Landscape Planning and Design 2	72	4	undergraduate	Bilingual
134	College of Architecture and Urban Planning	020122	景观工程与技术	Landscape Design and Construction	54	3	undergraduate	Bilingual
135	College of Architecture and Urban Planning	024077	景观法规与管理	Landscape Management: Policies and Laws	34	2	undergraduate	Bilingual
136	College of Architecture and Urban Planning	2010120	中国传统建筑	Traditional Chinese Architecture	34	2	graduate student	English
137	College of Architecture and Urban Planning	020168	纸居艺术	Art & Design of Paper Construction	51	2	undergraduate	English
138	College of Architecture and Urban Planning	022103	中国传统家具与文化	Traditional Chinese Furniture and its Culture	34	2	undergraduate	English
139	College of Architecture and Urban Planning	2010193	当代建筑师的理论与作品评述	Contemporary Architecture and Urbanism in China:Theories and Practices	36	2	graduate student	English
140	College of Architecture and Urban Planning	2010168	中德建筑比较	Comparative Studies on Chinese and German Architecture	36	2	graduate student	English
141	College of Architecture and Urban Planning	3010316	参数化解构建筑设计方法	Advanced Debate on Architectural Design Methodology in Parametric Diagram	36	2	graduate student	English

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142	College of Architecture and Urban Planning	2010016	现代住宅类型学	Urban Housing Forms			graduate student	English
143	College of Architecture and Urban Planning	021177	建筑设计及其理论	Architectural Programming	34	2	undergraduate	Bilingual
144	College of Architecture and Urban Planning	2010036	建筑环境艺术—中国文化与造型	Relationship Between the Culture and the Plastic Arts in China	36	2	graduate student	English
145	College of Architecture and Urban Planning	2010294 2010295	"建筑设计/联合设计(一、二)(与美国耶鲁大学和香港大学合作课程)"	Architectural Design & Joint Design	72	2	graduate student	English
146	College of Architecture and Urban Planning	2010294 2010295	建筑设计/联合设计(一、二)与美国普林斯顿大学合作课程	Architectural Design & Joint Design			graduate student	English
147	College of Architecture and Urban Planning	2010294 2010295	建筑设计/联合设计(一、二)与日本东京工业大学合作课程	Architectural Design & Joint Design			graduate student	English
148	College of Architecture and Urban Planning	2010294 2010295	建筑设计/联合设计(一、二)与美国南加州大学和伦斯勒理工学院合作课程	Architectural Design & Joint Design			graduate student	English
149	College of Architecture and Urban Planning	2010294 2010295	建筑设计/联合设计(一、二)与美国哥伦比亚大学合作课程	Architectural Design & Joint Design			graduate student	English
150	College of Architecture and Urban Planning	2010294 2010295	建筑设计/联合设计(一、二)与美国佐治亚理工大学合作课程	Architectural Design & Joint Design			graduate student	English
151	College of Architecture and Urban Planning	2010294 2010295	建筑设计/联合设计(一、二)与美国莱斯大学合作课程	Architectural Design & Joint Design			graduate student	English
152	College of Architecture and Urban Planning	2010294 2010295	建筑设计/联合设计(一、二)与英国卡迪夫合作课程	Architectural Design & Joint Design			graduate student	English
153	College of Architecture and Urban Planning	2010294 2010295	建筑设计/联合设计(一、二)与美国华盛顿大学合作课程	Architectural Design & Joint Design			graduate student	English
154	College of Architecture and Urban Planning	2010294 2010295	建筑设计/联合设计(一、二)与美国华盛顿大学合作课程	Architectural Design & Joint Design			graduate student	English
155	College of Architecture and Urban Planning	2010294 2010295	建筑设计/联合设计(一、二)与意大利帕维亚大学、新加坡国立大学合作课程	Architectural Design & Joint Design			graduate student	English
156	College of Architecture and Urban Planning	2010294 2010295	建筑设计/联合设计(一、二)与日本大阪大学硕士联合建筑设计课程	Architectural Design & Joint Design			graduate student	English

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157	College of Architecture and Urban Planning	2010186	建筑设计及其理论	Architectural Design and Theories	36	2	graduate student	Bilingual
158	College of Architecture and Urban Planning	2010259	景观学理论	Theories of Landscape Studies	108	2	graduate student	English
159	College of Architecture and Urban Planning	1010122	景观规划设计	Landscape Planning and Design	108	3	graduate student	English
160	College of Architecture and Urban Planning	2010235	景观生态规划原理与方法	Principles & Methods of Ecological Landscape Planning	36	2	graduate student	English
161	College of Architecture and Urban Planning	2010264	城市休闲与旅游规划	Urban Recreation and Tourism Planning Principle	34	2	graduate student	English
162	College of Architecture and Urban Planning	2010239	遗产保护与发展	Cultural Heritage Conservation and Development	34	2	graduate student	English
163	College of Architecture and Urban Planning	2010238	遥感与GIS原理及应用	The Principle and Application of Remote Sensing and GIS	34	2	graduate student	English
164	College of Architecture and Urban Planning	2010232	中西园林比较	Comparison Studies on Chinese and Western Gardens	36	2	graduate student	English
165	College of Architecture and Urban Planning		植物景观规划原理与方法	Planning Principles and Methods of Plants Landscape	36	2	graduate student	English
166	College of Architecture and Urban Planning	2010286	专业社会实践	Professional Social Practice			graduate student	English
167	School of Transportation Engineering	150218	信息传输原理	Information Transmission Principles	51	3	undergraduate	Bilingual
168	School of Transportation Engineering	150148	交通控制安全与可靠性	Reliability and Safety in Transportation System	34	2	undergraduate	Bilingual
169	School of Transportation Engineering	150246	交通系统理论	Transportation System Theory	51	3	undergraduate	English
170	School of Transportation Engineering	150072	道路规划与几何设计	Road Planning and Geometric Design	36	3	undergraduate	English
171	School of Transportation Engineering	150251	道路工程	Pavement Engineering	34	2	undergraduate	English
172	School of Transportation Engineering	150015	机场规划与设计	Airport Planning and Design	34	2	undergraduate	English
173	School of Transportation Engineering	150084	交通工程	Traffic Engineering	34	2	undergraduate	English

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174	School of Transportation Engineering	150192	交通管理与控制	Traffic Management and Control	34	2	undergraduate	English
175	School of Transportation Engineering	150260	交通信息工程	Transportation Information Engineering	34	2	undergraduate	English
176	School of Transportation Engineering	150259	轨道交通工程	Railway Engineering	34	2	undergraduate	English
177	School of Transportation Engineering	150141	交通设计	Traffic Design	34	2	undergraduate	Bilingual
178	School of Transportation Engineering	150116	客运交通系统	Passenger Transport System	34	2	undergraduate	Bilingual
179	School of Economics and Management	010430/010682	市场营销学	Marketing	51	3	undergraduate	Bilingual
180	School of Economics and Management	091068	商务谈判	Business Negotiation	34	2	undergraduate	Bilingual
181	School of Economics and Management	010253	国际贸易理论	International Trade Theory	34	2	undergraduate	Bilingual
182	School of Economics and Management	010249	国际贸易法	International Trade Law	34	2	undergraduate	Bilingual
183	School of Economics and Management	091130	进出口贸易实务	Export-Import Trade Operations	85	5	undergraduate	Bilingual
184	School of Economics and Management	010896	货币金融学	The Economics of Money, Banking and Financial Market	51	3	undergraduate	Bilingual
185	School of Economics and Management	010867	中级经济学	Intermediate Economics	51	3	undergraduate	Bilingual
186	School of Economics and Management	010794	国际金融与管理	International Finance and Management	51	3	undergraduate	Bilingual
187	School of Economics and Management	010295	投资银行理论与业务	Investment Banking—Theory and Practice	34	2	undergraduate	Bilingual
188	School of Economics and Management	010480	证券投资学	Securities Investment	51	3	undergraduate	Bilingual
189	School of Economics and Management	2040217	战略管理研究	Strategic Management	36	2	graduate student	English
190	School of Economics and Management	2040003	高级管理学	Advanced Management	34	2	graduate student	English
191	School of Economics and Management	2040215	管理研究方法	Research Method for Management	51	3	graduate student	English
192	School of Economics and Management	2040213	应用心理学	Applied psychology			graduate student	English
193	School of Economics and Management	2040125	组织行为学	Organizational Behavior	51	3	graduate student	English

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194	School of Economics and Management	2040167	战略人力资源管理	Strategic Human Resource Management			graduate student	English
195	School of Economics and Management	2040168	营销管理	Marketing Management			graduate student	English
196	School of Economics and Management	2040219	创业学	Entrepreneurship			graduate student	English
197	School of Economics and Management	010429	管理信息系统	Management Information Systems	34	2	undergraduate	Bilingual
198	School of Economics and Management	010321	电子商务	E-Business	51	3	undergraduate	Bilingual
199	College of Stomatology	140265	牙体解剖学	Oral Anatomy	34	2	undergraduate	Bilingual
200	College of Stomatology	140092	口腔生理学	Oral physiology	17	1	undergraduate	English
201	College of Stomatology	142044	牙周病学	Periodontology	56	3	undergraduate	Bilingual
202	College of Stomatology	142043	牙体牙髓病学	conservative dentistry	34	2	undergraduate	Bilingual
203	College of Stomatology	142020	儿童口腔医学	Pediatric Dentistry	36	1.5	undergraduate	Bilingual
204	College of Stomatology	142039	预防口腔医学	Preventive Dentistry	26	1	undergraduate	Bilingual
205	School of Marxism		公民教育专题研究	Citizen education Seminar			graduate student	Bilingual
206	School of Marxism		国外马克思主义专题研究	The Monographic Study of Marxism Abroad			graduate student	Bilingual
207	School of Automotive Studies	190015	汽车构造	Automobile Configuration	86	5	undergraduate	English
208	School of Automotive Studies	190020	汽车理论	Automobile Theory	51	3	undergraduate	Bilingual
209	School of Automotive Studies	190021	汽车设计	Automobile Design	51	3	undergraduate	Bilingual
210	School of Automotive Studies	190020	汽车理论	Automotive Principles	51	3	undergraduate	English
211	School of Automotive Studies	2180108	汽车系统动力学	Vehicle System Dynamics	54	3	graduate student	English
212	School of software Engineering	420137	数字图像处理	Digital Image Processing	68	4	undergraduate	Bilingual
213	School of software Engineering	420280	形态学与三维建模技术	Morphology and 3D Modeling	64	4	undergraduate	Bilingual

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214	School of software Engineering	420292	大型会展项目实践	Software Engineering Practice	17	1	undergraduate	Bilingual
215	School of software Engineering	420288	专业方向综合项目 (开放平台)	Integrated Project Practice- Open Platform based	64	4	undergraduate	Bilingual
216	School of software Engineering	420332	专业方向综合项目 (大型主机)	Integrated Project Practice- Mainframe based	64	4	undergraduate	Bilingual
217	School of software Engineering	420272/ 420304	主机概论与操作系统 (2010 大纲)/ 数据库应用开发技术 (2011 大纲)	Mainframe Operation System/Database Application Development Technology	68	4	undergraduate	Bilingual
218	School of software Engineering	420274/ 420305	数据库应用开发技术 (2010 大纲)/ 大型商用数据库原理与应用 (2011 大纲)	Database Application Development Technology/ Large Scale Business Database Fundamentals and Applications	68	4	undergraduate	Bilingual
219	School of software Engineering	420097	C++ 语言	C++	68	4	undergraduate	English
220	School of software Engineering	420297	JAVA 语言	JAVA	34	2	undergraduate	English
221	School of software Engineering	420023	数据库原理与应用	DB Principle & App	51	3	undergraduate	English
222	School of software Engineering	420303	SQL Service 服务与支持	SQL Server	51	3	undergraduate	English
223	School of software Engineering	420300	Java EE	JAVA EE	68	4	undergraduate	English
224	School of software Engineering	420302	Web 服务与 SOA 应用	SOA and Web Service	51	3	undergraduate	English
225	School of software Engineering	420108	XML 与 WebService 技术	XML and Web Service Technology	51	3	undergraduate	English
226	School of software Engineering	420192	软件工程	Software Engineering	68	4	undergraduate	English
227	School of software Engineering	420028	软件项目管理	Software Project Management	51	3	undergraduate	English
228	School of software Engineering	420260	实时系统	Real Time system	51	3	undergraduate	English
229	School of software Engineering	420111	软件测试	Software Testing	51	3	undergraduate	English
230	School of software Engineering	4022703	计算机基础	Introduction to Computer Science	34	2	undergraduate	English
231	School of software Engineering	420294	计算机视觉	Computer Vision	64	3	undergraduate	English
232	School of Life Sciences and Technology	170025	基因工程	Genetic Engineering	52	3	undergraduate	Bilingual

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233	School of Life Sciences and Technology	170227	发育生物学	Developmental Biology	34	2	undergraduate	English
234	School of Life Sciences and Technology	170208	基因工程实验	Genetic Engineering Experiment	36	1	undergraduate	Bilingual
235	School of Life Sciences and Technology	170201	基因组信息学	Genome Informatics	34	2	undergraduate	Bilingual
236	School of Life Sciences and Technology	170232	现代生物计算环境	Modern Bio-computing Environments	51	3	undergraduate	Bilingual
237	School of Life Sciences and Technology	170249	计算机辅助蛋白质与药物设计	Computer Aided Protein and Drug Design	34	2	undergraduate	Bilingual
238	School of Life Sciences and Technology	170233	系统生物学	System Biology	34	2	undergraduate	Bilingual
239	School of Life Sciences and Technology	170010	生物化学	Biochemistry	68	4	undergraduate	Bilingual
240	School of Life Sciences and Technology	170132	生物信息学算法与实践	Introduction to Bioinformatics Algorithm and Application	52	3	undergraduate	Bilingual
241	School of Life Sciences and Technology	170229	机器学习理论与方法	Machine Learning Theory and Application	34	2	undergraduate	English
242	Department of Mathematics	122013	数理方程	Equations of Mathematics Physics	51	3	undergraduate	Bilingual
243	Department of Mathematics	122221	复变函数	Complex Variable	68	4	undergraduate	Bilingual
244	Department of Mathematics	122144	复变函数与积分变换	Complex Function and Integral Transformation	51	3	undergraduate & abroad student	English
245	Department of Mathematics	122008	医用数学	Calculus/Medical Mathematics	68	4	undergraduate	English
246	College of Civil Engineering	030158	混凝土结构基本原理	Fundamentals of Concrete Structures	72	4	undergraduate	English
247	College of Civil Engineering	030238	地下水动力学	Groundwater Dynamics	34	2	undergraduate	Bilingual
248	College of Civil Engineering	033087	地质工程导论	An Outline of Geological Engineering	17	1	undergraduate	Bilingual
249	College of Civil Engineering	031129	原位测试	In-situ Test and Detection	34	2	undergraduate	Bilingual
250	College of Civil Engineering	033096	地基处理	Soil Treatment	34	2	undergraduate	Bilingual
251	College of Civil Engineering	030056	海岸地貌学	Coastal Geomorphology	18	1	undergraduate	Bilingual
252	College of Civil Engineering	031135	工程水文学	Engineering Hydrology	36	2	undergraduate	Bilingual
253	College of Civil Engineering	2020061	结构动力学	Structural Dynamics			graduate student	English
254	College of Civil Engineering	2020455	弹塑性力学	Elasticity and Plasticity	36	2	graduate student	English
255	College of Civil Engineering	2020452	有限单元法	Finite Element Method	54	3	graduate student	English
256	College of Civil Engineering		高等混凝土结构理论	Advanced Theory of Concrete Structures	51	3	graduate student	English

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257	College of Civil Engineering		钢-混凝土组合结构	Steel and Concrete Composite Structure	36	2	graduate student	English
258	College of Civil Engineering		地震工程学	Earthquake Engineering	36	2	graduate student	English
259	College of Civil Engineering	2020207	结构风工程学	Wind Engineering for Building Structures	38	2	graduate student	English
260	College of Civil Engineering	2020388	高等钢结构理论	Advanced Theory of Steel Structures			graduate student	English
261	College of Civil Engineering	2020376E	高等结构试验	Advanced Experimental Techniques of Structural Engineering	36	2	graduate student	English
262	College of Civil Engineering	2020378	高层建筑结构	Tall Building Structures	34	2	graduate student	English
263	College of Civil Engineering	2020472	土木工程的概率分析	Probability Analysis in Civil Engineering	34	2	graduate student	English
264	College of Civil Engineering	031355	地下工程	Underground Engineering	34	2	undergraduate	English
265	College of Civil Engineering	031142	组合结构设计及基本原理	Design and Fundamentals of Composite Structures	17	1	undergraduate	Bilingual
266	College of Civil Engineering	030269	结构防灾实验	Experimental Techniques of Building Structures for Disaster Prevention	34	2	undergraduate	Bilingual
267	College of Civil Engineering	031142	组合结构	Composite Structures	17	1	undergraduate	English
268	College of Civil Engineering	030130	结构力学 I	Structural Mechanics (I)	68	4	undergraduate	English
269	College of Civil Engineering	030235	结构力学 II	Structural Mechanics (II)	34	2	undergraduate	English
270	College of Civil Engineering	035002	测量学	Surveying and Mapping	54	3	undergraduate	English
271	College of Civil Engineering	031183	建筑混凝土结构设计	Design of Concrete Structures	54	2.5	undergraduate	English
272	College of Civil Engineering	031126	钢结构基本原理	Basic principles of steel structures	43	2.5	undergraduate	English
273	College of Civil Engineering	031175	土力学	Soil Mechanics	34	2	undergraduate	English
274	College of Civil Engineering	031310	建筑结构抗震	Seismic Design of Building Structures	56	1.5	undergraduate	English
275	College of Civil Engineering	031190	地下建筑结构	Underground Structures	51	3	undergraduate	English
276	College of Civil Engineering	031145	木结构	Timber Structures	18	1	undergraduate	English
277	College of Civil Engineering	030044	隧道工程	Tunnel Engineering	17	1	undergraduate	English
278	College of Civil Engineering	031106	画法几何	Descriptive Geometry	34	2	undergraduate	Bilingual
279	College of Civil Engineering	031107	工程制图	Engineering Drawing (1)	34	2	undergraduate	Bilingual
280	College of Civil Engineering	030311	桥梁动力学概论	Introduction to Bridge Dynamics	34	2	undergraduate	English

序号 Sequence Number	学院名称 School/ Department	课号 Course Number	课程名称 (中文) Course Name	课程名称 (英文) Course Name	学时 Class hours	学分 Credit	教学对象 Teaching Object	授课语言 Language
281	College of Civil Engineering	031250	挡土结构与基坑工程	Retaining Structures and Deep Excavations	17	1	undergraduate	English
282	College of Civil Engineering	031347	地下结构灾害与防护	Underground Structure Disaster and Protection	17	1	undergraduate	English
283	College of Civil Engineering	031310	建筑结构抗震	Seismic Design of Building Structures	56	1.5	undergraduate	Bilingual
284	College of Civil Engineering	031188	建筑结构试验	Testing of Building Structures	17	1	undergraduate	Bilingual
285	College of Civil Engineering	030192	弹性力学	Elasticity	34	2	undergraduate	English
286	College of Civil Engineering	2020369	环境岩土工程	Geoenvironmental Engineering	34	2	graduate student	English
287	School of Physics Science and Engineering	124078	医用物理学	Medical Physics	68	4	undergraduate (留)	Bilingual
288	School of Physics Science and Engineering	124100	医用物理实验	Medical Physics Experiments	17	0.5	undergraduate (留)	Bilingual
289	School of Medicine	140051	核医学	Nuclear Medicine	34	1.5	undergraduate	Bilingual
290	School of Medicine	140199	实验核医学	Experimental Nuclear Medicine	34	1.5	undergraduate	Bilingual
291	School of Medicine	140052	医学英语	Medical English	34	2	undergraduate	Bilingual
292	School of Medicine	140577	医学概论	Introduction to Medicine	34	2	undergraduate	Bilingual
293	School of Medicine	140209	药理学	Pharmacology	51	4	undergraduate	Bilingual
294	School of Medicine	140508	药理学实验	Pharmacology Experiment	34	2	undergraduate	Bilingual
295	School of Medicine	140590	免疫学	Immunology	34	2	undergraduate	English
296	School of Medicine	140587	生理学	Physiology	68	4	undergraduate	English
297	School of Medicine	140579	心理学及行为医学概论	Introduction to Psychology and Behavior Medicine	51	3	undergraduate	English
298	School of Medicine	140592	病理生理学	Pathophysiology	34	2	undergraduate	English
299	School of Medicine	140594	药理学	Pharmacology	51	4	undergraduate	English
300	School of Medicine	140589	病原生物学	Pathogen Biology	68	3.5	undergraduate	English
301	School of Medicine	140584	人体解剖学 I	Human Anatomy (1)	68	3	undergraduate	English
302	School of Medicine	140586	组织胚胎学	Histology & Embryology	68	3.5	undergraduate	English
303	School of Medicine	140580	细胞学与生物化学	Cell Biology and Biochemistry	68	4	undergraduate	English
304	School of Medicine	140584	人体解剖学 1	Human Anatomy 1	68	3.5	undergraduate	Bilingual
305	School of Medicine	140585	人体解剖学 2	Human Anatomy 2	68	3.5	undergraduate	Bilingual
306	School of Medicine	140641	解剖 / 生理学	Anatomy and Physiology	51	3	undergraduate	Bilingual
307	School of Medicine	140462	解剖 / 生理学实验	Anatomy and Physiology Experiment	34	1	undergraduate	Bilingual
308	School of Medicine	140591	病理学	Pathology	102	5	undergraduate	English

序号 Sequence Number	学院名称 School/ Department	课号 Course Number	课程名称 (中文) Course Name	课程名称 (英文) Course Name	学时 Class hours	学分 Credit	教学对象 Teaching Object	授课语言 Language
309	School of Medicine	140585	人体解剖学II	Human Anatomy (2)	68	3	undergraduate	English
310	School of Medicine	140583	医学遗传学	Medical Genetics	34	2	undergraduate	English
311	School of Medicine	140622	中医针灸学	Science of TCM Acupuncture and Moxibustion	34	2	undergraduate	English
312	School of Medicine	140453	外科学 1	Surgery(1)	68	4	undergraduate	Bilingual
313	School of Medicine	140361	外科学 2	Surgery(2)	136	6.5	undergraduate	Bilingual
314	School of Political Science & International Relations	070147	欧盟经济与政治	Politics and Economy of Europe	34	2	undergraduate	Bilingual
315	School of Political Science & International Relations	078049	国际政治经济学	International Political Economy	51	3	undergraduate	English
316	School of Political Science & International Relations	078036	西方政治思想史	History of western political Thinking	34	2	undergraduate	Bilingual
317	School of Political Science & International Relations	078054	公务员理论与实践	Civil Service System	36	2	undergraduate	Bilingual
318	Institute of Vocational Instructors	2210089	教育科学研究方法导论	Introduction to Educational Research	34	2	graduate student	English
319	Institute of Vocational Instructors	490015	市场营销学	Marketing	51	3	undergraduate	Bilingual
320	Institute of Vocational Instructors	490012	劳动科学与教育	Labor Science and Education	34	2	undergraduate	Bilingual
321	Sino-German College of Applied Sciences	510033	先进制造技术	Advanced Manufacturing Technology	51	2	undergraduate	Bilingual
322	Sino-German College of Applied Sciences	510178	系统建模与仿真	System Modeling and Simulation	85	5	undergraduate	Bilingual
323	Sino-German College of Applied Sciences	510041	项目管理与设计	Project Management and Design	102	6	undergraduate	Bilingual
324	Sino-German College of Applied Sciences	510035	有限元方法	Finite Element Method	85	5	undergraduate	Bilingual
325	Sino-German College of Applied Sciences	510034	液压传动	Hydraulic Transmission	51	3	undergraduate	Bilingual

序号 Sequence Number	学院名称 School/ Department	课号 Course Number	课程名称 (中文) Course Name	课程名称 (英文) Course Name	学时 Class hours	学分 Credit	教学对象 Teaching Object	授课语言 Language
326	Sino-German College of Applied Sciences	510118	制造系统控制设计及实践	Manufacturing System Control Design and Practice	51	3	undergraduate	Bilingual
327	Sino-German College of Applied Sciences	510078	设施管理	Facility Management	34	2	undergraduate	English
328	Sino-German College of Applied Sciences	510079	建筑模拟	Building Simulation	68	4	undergraduate	English
329	Sino-German College of Applied Sciences	510077	空调系统中的控制技术	Control in HVAC System	34	2	undergraduate	English
331	Sino-German College of Applied Sciences	510056	燃气技术	Gas Engineering	34	2	undergraduate	English
332	Sino-German College of Applied Sciences	510080	区域能源与环境规划	District energy and environment planning	58	4	undergraduate	English
333	Sino-German College of Applied Sciences	510061	燃烧与供暖技术	Combustion and Heating Technology	68	4	undergraduate	English
334	Sino-German College of Applied Sciences	510057	管道工程	Pipeline and Appliance Construction	34	2	undergraduate	English
335	Sino-German College of Applied Sciences		企业经济学	Business Economics	34	2	undergraduate	Bilingual
336	Sino-German College of Applied Sciences		经济制度与经济发展	Chinese Economic Order and Development	68	4	undergraduate	Bilingual
337	Sino-German College of Applied Sciences	510168	中国经济制度	Economic System of China	34	2	undergraduate	Bilingual
338	Sino-German College of Applied Sciences		物流与供应链	Logistics and Supply Chain	68	4	undergraduate	Bilingual
339	Sino-German College of Applied Sciences		企业经营管理	Business Management	68	4	undergraduate	Bilingual
340	Sino-German College of Applied Sciences		管理学概论	Management Principles	34	2	undergraduate	Bilingual
341	Sino-German College of Applied Sciences	510166	Matlab 在机械中的应用	Application of Matlab in Mechanical Engineering	68	4	undergraduate	Bilingual
342	Sino-German College of Applied Sciences	510104	汽车诊断技术 II	Automotive Diagnostic Technic II	51	3	undergraduate	Bilingual
343	Sino-German College of Applied Sciences	510188	交通运输与管理	Transportation Management	34	2	undergraduate	Bilingual

序号 Sequence Number	学院名称 School/ Department	课号 Course Number	课程名称 (中文) Course Name	课程名称 (英文) Course Name	学时 Class hours	学分 Credit	教学对象 Teaching Object	授课语言 Language
344	Sino-German College of Applied Sciences	510097	汽车服务产品	Automotive Service Products	68	4	undergraduate	Bilingual
345	International School	020287	中国城乡建设	Shape and Growth of Town & Village in China	34	1.5	International Student	English
346	International School	020286	城市文化与城市 美学	Urban Culture and Urban Aesthetics	34	1.5	International Student	English
347	International School	050320	中国可持续发展	Sustainable Development in China	34	1.5	International Student	English
348	International School	520067	中国知识产权保护	Intellectual Property Protection in China	34	1.5	International Student	English
349	International School	130102	中国历史与文化	The History and Culture of China	34	1.5	International Student	English
350	International School	110272	跨文化交际学概论	Intercultural Communication	34	1.5	International Student	English
351	International School	530057	中国外交与国际 关系	China' s Foreign Affairs and International Relations	34	1.5	International Student	English
352	International School	130103	中国社会经济	China' s Socio- Economic Development	34	1.5	International Student	English
353	Department of Mathematics	122008	高等数学 (D)	Advanced Mathematics(D)	68	4	undergraduate & abroad student	English
354	Department of Mathematics	122244	医用数学基础	Basics of Medical Mathematics	51	3	undergraduate & abroad student	English
355	Department of Mathematics	122009、 122010	线性代数	Linear Algebra	51	3	undergraduate & abroad student	English
356	Department of Mathematics	122011	概率论	Probability I	51	3	undergraduate & abroad student	English
357	Department of Mathematics	122036、 2102002	数值分析	Numerical Analysis	34	2	undergraduate & abroad student	English
358	Department of Mathematics	122013、 122167	数理方程	Differential Equations	51	3	undergraduate & abroad student	English
359	Department of Mathematics	122146	数学模型	Mathematics Modeling	68	4	undergraduate & abroad student	English
360	Department of Mathematics	122144	复变函数和积分 变换	Complex Function and Integral Transformation	51	3	undergraduate & abroad student	English
361	School of Physics Science and Engineering	124003	普通物理 (B) 上	General Physics(B) (1)	51	3	undergraduate & abroad student	English
362	School of Physics Science and Engineering	124004	普通物理 (B) 下	General Physics(B) (2)	51	3	undergraduate & abroad student	English
363	School of Physics Science and Engineering	124006	物理实验 (上)	Experiments of Physics(1)	34	1	undergraduate & abroad student	English
364	School of Physics Science and Engineering	124007	物理实验 (下)	Experiments of Physics(2)	17	0.5	undergraduate & abroad student	English

序号 Sequence Number	学院名称 School/ Department	课号 Course Number	课程名称 (中文) Course Name	课程名称 (英文) Course Name	学时 Class hours	学分 Credit	教学对象 Teaching Object	授课语言 Language
365	Department of Chemistry	123001	普通化学	General Chemistry	51	3	undergraduate & abroad student	English
366	Department of Chemistry	123002	普化实验	General Chemistry Laboratory	17	0.5	undergraduate & abroad student	English
367	School of Aerospace Engineering and Applied Mechanics	125006	材料力学	Mechanics of Materials	68	4	undergraduate & abroad student	English
368	School of Aerospace Engineering and Applied Mechanics	450090	力学概论	General Mechanics			undergraduate & abroad student	English
369	Physical Education Department	160052	女子武术防身	Women' s Martial Arts of Self Defense Instructional Program	34	1.5	undergraduate	Bilingual
370	Physical Education Department	320049	五行拳技击与养 生	The Learning, Application and Health Preserving of Five Elements Boxing	34	2	undergraduate	Bilingual
371	Physical Education Department	320017	太极拳	Tai chi Chuan	34	2	undergraduate	Bilingual
372	Physical Education Department	320039	瑜伽	Yoga	34	2	undergraduate	Bilingual
373	Physical Education Department	320022	网球	Tennis	34	1	undergraduate	English
374	Physical Education Department	2230001	运动解剖学	Sports Anatomy			graduate student	English

研究生英文课程 >>

Courses for Graduate Students

学院名称 School	专业名称 Discipline/ Major	课程性质 Nature of Course	课程编号 Course Number	课程名称(中文) Course Name	课程名称(英文) Course Name	课内学时 Class hours	学分 Credit
海洋与地球 科学学院 School of Ocean and Earth Science	海洋地质学 Marine Geology	公共学位课 common courses	2070100	第一外国语 (汉语)	First foreign language (Chinese)	108	3
			2900006	中国概况	An Overview of China	54	3
		专业学位课 degree courses	2190035	海洋地质学原理	Principles of Marine Geology	72	4
			2190095	古海洋学	Paleocean- ography	54	3
			2190007	沉积地球化学	Sedimentary Geochemistry	54	3
			2190092	沉积学原理	Principle of sedimentology	54	3
			2190096	第四纪环境学导论	Quaternary Geology	36	2
			2190098	同位素地球化学	Isotope Geochemistry	54	3
			2190094	现代分析测试技术 与实践	Modern Analytical Techniques	54	3
			非学位课 non-degree courses	2190008	沉积相及岩相古地 理学	Sedimentary Faces and Paleoge- ography	36
		2190047		全球变化与古环境	Global Changes and Paleoenviron- ments	36	2
		2190070		有机地球化学	Organic Geochemistry	54	3
		2190105		海洋地球化学	Marine Geochemistry	54	3
		2190106		地质年代学	Geochr- onology	36	2
		2190042		计算机在地质学中的 应用	The Application of Computer in Geoscience	54	3
		必修环节 compulsory courses	2890001	公共讲座	Public lectures	0	1
			2900002	论文选题	Selection of Dissertation Topics	0	1

学院名称 School	专业名称 Discipline/ Major	课程性质 Nature of Course	课程编号 Course Number	课程名称(中文) Course Name	课程名称(英文) Course Name	课内学时 Class hours	学分 Credit	
建筑与城市规划 学院 College of architecture& urban planning	建筑设计及其理 论、城市规划与设 计、景观规划设计、 设计艺术学 Architectural Design and Theory\urban Planning and Design\ Landscape Planning and Design\artistic Design	公共学位 课 common courses	2070100	第一外国语 (汉语)	First foreign language (Chinese)	108	3	
			2900006	中国概况	An Overview of China	54	3	
		专业学位 课 degree courses	2010272	建筑设计	Architectural Design	36	3	
			2010033	建筑设计原理	Principles of Architectural Design	36	2	
			2010259	景观学理论	Theories of Landscape Studies	36	2	
			2010261	景观规划设计	Landscape Planning and Design	108	3	
			2010102	城市规划设计	Urban Planning and Design	108	3	
			2010168	中德建筑比较	Comparative Studies on Chinese and German Architecture	36	2	
		非学位课 non-degree courses	2010193	当代建筑师的理论 与作品评述	Contemporary Architecture and Urbanism in China: Discourse and Practice	36	2	
			2010044	城市设计理论	Theories of Urban Planning	36	2	
			2010285	陶艺与造型	Art Pottery	36	2	
			2010152	论文选题与写作 方法	M aster Thesis's Colloquium	18	1	
			2010275	中国现代建筑考查	Inspecting Chinese Modern Architecture	36	2	
			2010016	现代住宅类型学	Urban Housing Forms	36	2	
			2010245	东亚城市历史发展	History of East Asia Cities	36	2	
			2010100	城市交通学 II	Urban Mobility and Transport	36	2	
			2010099	城市社会学	Urban Sociology	36	2	
			2010128	城市文化与城市美 学	Urban Culture and Urban Aesthetics	36	2	
			2010239	遗产保护与发展	Cultural Heritage Conservation and Sustainability	36	2	
			必修环节 compulsory courses	2890001	公共讲座	Public lectures	0	1
				2900002	论文选题	Selection of Dissertation Topics	0	1

学院名称 School	专业名称 Discipline/ Major	课程性质 Nature of Course	课程编号 Course Number	课程名称(中文) Course Name	课程名称(英文) Course Name	课内学时 Class hours	学分 Credit
机械工程学院 School of Mechanical Engineering	机械制造及其自动化 Mechanical Manufacture and Automation	公共学位 课 common courses	2070100	第一外国语(汉语)	First foreign language(Chinese)	108	3
			2900006	中国概况	An Overview of China	54	3
		专业学位 课 degree courses	2102002	数值分析	Numerical Analysis	54	3
			2102006	* 偏微分方程数值解	Partial differential equation numerical solution	54	3
			2102005	* 应用统计	Applying Statistic	54	3
			2102001	* 矩阵论	Matrices	54	3
			2030037	** 先进制造技术	Advanced manufacturing technology	54	3
			2030038	** 现代机械加工 工艺	Modern Mechanical Working Technology	54	3
			2030186	** 精密检测技术	Precise Measure Technique	54	3
			2030088	CAD/CAPP/CAM	CAD/CAPP/CAM	36	2
		非学位课 non-degree courses	2030145	现代控制理论基础	Modern Control Theory Basics	54	2
			2080003	计算机网络技术 基础	Computer Network Technology Basics	54	2
			2030134	数据库系统应用	Application of Database System	54	2
			2030231	计算机控制与应用 技术	Computer Control and Application Techniques	54	2
			2080006	计算机软件技术 基础	Software Technology Basics	54	2
			2030087	企业资源管理原理 与实施	Enterprise Resource Management Fundamentals and Practice	36	2
			2030232	系统分析与项目 管理	System Analysis and Project Management	54	2
			2030141	系统工程理论基础	System Engineering Fundamentals	54	2
			2030104	机械加工运动和动 力学	Mechanical Working Kinematics and Dynamics	54	2
			2030043	有限元法及应用	FEM and its Application	36	2
			2030044	计算机仿真及应用	Computer Simulation and its Application	36	2
			2030045	机械故障诊断	Mechanical Fault Diagnosis	36	2
			2030187	集成精度控制技术	High precision position control technique	36	2
			2080002	计算机图形学	Computer Graphics	54	2

学院名称 School	专业名称 Discipline/ Major	课程性质 Nature of Course	课程编号 Course Number	课程名称(中文) Course Name	课程名称(英文) Course Name	课内学时 Class hours	学分 Credit	
软件学院 School of Software	软件工程 Software Engineering		2030136	微分几何在齿轮啮 合原理中的应用	Differential Geometry and its Application in Gear Mesh Theory	54	2	
			2030144	现代机械传动系统 测试方法	Modern Mechanical Transmission System Measuring Method	54	2	
			2030115	快速原型与制造 技术	Rapid Prototyping and Manufacturing	54	2	
			2030047	钢结构及其有限元 分析	Steel Structure and FEM	36	2	
			2030142	先进制造技术中的 知识工程	KE of Advanced Manufacturing Technology	54	2	
			2030048	现代模具设计制造 理论与技术	Advanced Design and Manufacturing Theory and Technology on Die & Mould	36	2	
			2030049	特种加工新技术	New Technology of Non-Traditional Processing	36	2	
			2030189	协同制造及管理	Collaborative Manufacturing and Management	36	2	
			必修环节 compulsory courses	2890001	公共讲座 (不少于4次)	Public lectures	0	1
				2900002	论文选题	Selection of Dissertation Topics	0	1
			公共学位课 common courses	2070100	第一外国语(汉语)	First foreign language(Chinese)	108	3
				2900006	中国概况	An Overview of China	54	3
		专业学位课 degree courses			现代软件工程	Modern Software Engineering	48	3
					软件项目管理	Software Project Management	48	3
					软件测试	Software Testing	48	3
					大型数据库分析与 设计	Large Scale Database System Analysis and Design	64	4
			面向对象的UML 设计与分析	Object Oriented Analysis and Design with UML	48	3		
			商务智能	Business Intelligence	48	3		
		非学位课 non-degree courses		XML与Web Service	XML and Web Service	48	3	
	J2EE架构与程序 设计		J2EE Architecture and Programming	64	4			
	数据仓库		Data Warehouse	48	3			
	大型机程序语言 设计		Mainframe Programming Language	36	2			
	计算机图像学		Computer Graphics	48	3			

学院名称 School	专业名称 Discipline/ Major	课程性质 Nature of Course	课程编号 Course Number	课程名称(中文) Course Name	课程名称(英文) Course Name	课内学时 Class hours	学分 Credit		
		必修环节 compulsory courses		工程项目实践	Practice in Engineering Projects				
				论文开题报告	Thesis Report in the Initial Phase				
					论文中期报告	Thesis Report in the Middle Phase			
医学院 School of Medicine	免疫学 Immunology	公共学位课 common courses	2070100	第一外国语(汉语)	First foreign language(Chinese)	108	3		
			2900006	中国概况	An Overview of China	54	3		
		专业学位课 degree courses		分子生物学	Molecular Biology	72	3		
				现代免疫学	Modern Immunology	54	3		
				分子细胞生物学	Molecular Cell Biology	36	2		
				病原生物学	Pathogen Biology	36	2		
				基因工程原理	Principles of genetic engineering	36	2		
				医学科研设计与选题	Medical research design and topics	18	1		
		非学位课 non-degree courses		实验动物学	Experimental zoology	36	2		
				医学文献检索与应用	Medical literature retrieval and application	18	1		
				细胞培养与组织化学技术	Cell culture and histochemical techniques	36	2		
				免疫学文献阅读及讨论	The immunology literature reading and discussion	36	2		
				SPSS 统计分析	SPSS statistical analysis	36	1		
				公共讲座	Public lectures	0	1		
		必修环节 compulsory courses		2890001	公共讲座	Public lectures	0	1	
				2900002	论文选题	Selection of Dissertation Topics	0	1	
		传播与艺术学院 College of Communication and Art	艺术学 Art Theory	公共学位课 common courses	2070100	第一外国语(汉语)	First foreign language(Chinese)	108	3
					2900006	中国概况	An Overview of China	54	3
专业学位课 degree courses				中外媒体比较研究	Comparative Study of Chinese and Foreign Media	51	3		
	2200039			数字媒体研究发展综述	"Summary of Development of Digital Media Art Study"	18	1		
	2200044			新媒体创作实践 I	New Media Art Practice (一)	36	2		
非学位课 non-degree courses				实验短片创作	Experimental Filmmaking				
	新增			高级三维渲染	Advanced 3D Rendering				
必修环节 compulsory courses				2890001	公共讲座(不少于4次)	Public lecture	0	1	
				2900002	论文选题	Selection of Dissertation Topics	0	1	

学院名称 School	专业名称 Discipline/ Major	课程性质 Nature of Course	课程编号 Course Number	课程名称(中文) Course Name	课程名称(英文) Course Name	课内学时 Class hours	学分 Credit	
环境科学与工程 学院 College of Environmental Science & Engineering	环境科学 Environmental Science	公共学位课 common courses	2070100	第一外国语(汉语)	First foreign language(Chinese)	108	3	
			2900006	中国概况	An Overview of China	54	3	
		专业学位课 degree courses	2050141	环境伦理学	Environmental Ethics	36	2	
			2050142	环境社会学导论	Introduction to Environmental Sociology	36	2	
			2050143	环境科学概论	Environmental Science	36	2	
			2050144	环境经济学基础	Fundamentals of Environmental Economics	36	2	
			2050146	可持续发展框架与工具	Framework and Tools for Sustainable Development	36	2	
			2050147	环境管理与政策	Environmental Management and Policy	36	2	
				海洋地域气候变化	Climate Change of Coastal Areas	36	2	
				空气质量	Air quality	36	2	
				水资源管理	Water Management & Quality	36	2	
				固废综合管理	Integrated solid waste management	36	2	
				环境经济学	Environmental economics	36	2	
				交通与环境	Transportation and Environment	36	2	
			2050169	专业外语(汉语)	Professional Foreign Language Global	36	2	
			2050090	全球环境变化	Environmental Changes	36	2	
			2050148	环境项目管理	Environmental Project Management	36	2	
		2050149	大气科学与气候变化	Atmospheric Science and Climate Change	36	2		
		2050160	现代生态学及应用	Modern Environmental Ecology and Application	36	2		
			城市土地规划	Land Planning in Large Urban Areas	36	2		
			城市与农业	City and Agriculture	36	2		
			大气科学与气候变化	Atmospheric Science and Climate Change	36	2		
			现代生态学及应用	Environmental Ecology	36	2		
		必修环节 compulsory courses		2900002	论文选题	Selection of Dissertation Topics	0	1
				2900004	公共讲座	Public Lectures	0	1

学院名称 School	专业名称 Discipline/ Major	课程性质 Nature of Course	课程编号 Course Number	课程名称(中文) Course Name	课程名称(英文) Course Name	课内学时 Class hours	学分 Credit
经济与管理学院 School of Economics and Management	企业管理 Corporate Management	公共学位课 common courses	2070100	第一外国语(汉语)	First foreign language(Chinese)	108	3
			2900006	中国概况	An Overview of China	54	3
		专业学位课 degree courses	2040003	管理学与中国实践 (高级管理学)	Managerial Economics in China	54	3
			2040013	信息技术与信息管 理	Information Technology & Management	54	3
			2040014	应用统计学	Applied Statistics	54	3
			2040026	中国经济可持续发 展 (现代经济学)	Sustainable Development in China	54	3
			2040153	工商管理专题研究	Research on Business Administration	18	1
			2040194	中国企业管理社会 实践	Internship	36	2
			非学位课 non-degree courses	2040099	中国企业战略管理	Strategic Management in China	36
		2040125		组织行为学与中国 实践	Organizational Behavior in China	36	2
		2040160		财务管理与中国 实践 (财务管理II)	Financial Management in China	36	2
		2040167		人力资源管理与 中国实践	Human Resources Management in China	36	2
		2040168		中国市场营销	Marketing in China	36	2
		拓展课程 comple- mentary courses	选修	技术创新管理与中国 实践	Technological Innovation Management in China	36	2
			选修	企业风险管理与中国 实践	Enterprise Risk Management in China	36	2
			选修	中国城市发展和房 地产开发	Urban and Real Estate Development in China	36	2
		必修环节 compulsory courses	2890001	中国经济与文化 专题讲座	Lectures of China's Economy and Culture	0	1
			2900002	论文选题	Selection of Dissertation Topics	0	1
		补修环节		管理学基础课程 (本科课程)	Introduction to Management	36	0
				经济学基础课程 (本科课程)	Introduction to Economics	36	0

学院名称 School	专业名称 Discipline/ Major	课程性质 Nature of Course	课程编号 Course Number	课程名称(中文) Course Name	课程名称(英文) Course Name	课内学时 Class hours	学分 Credit	
土木工程学院 College of Civil Engineering	结构工程 Structural Engineering	公共学位课 common courses	2070100	第一外国语 (汉语)	First foreign language(Chinese)	108	3	
			2900006	中国概况	An Overview of China	54	3	
		专业学位课 degree courses		工程数学	Engineering Mathematics	54	3	
				弹性力学	Elasticity and Plasticity	54	3	
				高等结构分析与有 限元	Advanced Structural Analysis and Finite Element Method	54	3	
				结构动力学和控制	Structural Dynamics and Control	54	3	
				结构工程研究前沿 与发展趋势	Frontiers and Development of Structural Engineering Research	18	1	
				高等混凝土结构 理论	Advanced Theory of Concrete Structures	54	3	
				高等钢与木结构 设计	Advanced Steel and Timber Structural Design	36	2	
			非学位课 non-degree courses		工程决策与风险 分析	Engineering Decision and Risk Analysis	36	2
					膜和索结构	Membrane and Cable Structures	36	2
					随机振动	Random Vibration	36	2
					建筑结构抗震	Seismic Design of Building Structures	36	2
		必修环节 compulsory courses		论文选题	Selection of Dissertation Topics	0	1	
				公共讲座	Public Lectures	0	1	

