



江 苏 大 学
来华留学硕士学历项目课程目录
The Curricula for Master Degree Programs
Taught in English

江苏大学 研究生院

Graduate School, Jiangsu University

2018 年 2 月 5

应用经济学 Applied Economics

Course category 课程类别		Course Title 课程名称	Credit 学分	Term 学期	School by which Courses opened 开课学院	Remark 备注
Degree courses 学位课	Public degree course 公共学位课	Chinese 中文	4	1、2	School of Liberal Arts 文学院	Compulsory 必修
		Overview of China 中国文化概论	3	1	OEC	
	Basic Theory Course 基础理论课	Mathematical Statistics 数理统计	2	1	School of Finance & Economics 财经学院	Compulsory 必修
		Econometric Model 经济计量模型	2	1		
	Core Specialized Degree Courses 核心专业学位课	Intermediate Economics 中级经济学	3	2	School of Finance & Economics 财经学院	Compulsory 必修
Non-de gree course 非学位 课	Specialized Elective Courses 专业选修课	International Economics 国际经济学	2	2	School of Finance & Economics 财经学院	At least 10 credits 至少 10 学 分
		Intermediate International Trade 中级国际贸易学	2	2		
		Intermediate Industrial Economics 中级产业经济学	2	2		
		International Business Study 国际商务研究	2	2		
		International Business Planning 国际商务策划	2	2		
		Advanced Finance 高级金融学	2	2		
		Industrial organization and industrial 产业组织与产业发展研 究	2	2		
		Insurance and Risk Management 保险与风险管理	2	2		
		Logistics & Supply Chain Management 物流与供应链管理	2	2		
	Public Elective Courses 公共选修课	All graduate programs in all disciplines throughout the school 全校所有学科的全部研究生课程				Selective 任选

The graduate students for Applied Economic Science should finish the required course credits that must be at least a total of 24 credits, and the credits for degree courses should be more than 14.

教育学 Education

Course category 课程类别		Course Title 课程名称	Credit 学分	Term 学期	School by which Courses opened 开课学院	Remark 备注
Degree courses 学位课	Public degree course 公共学位课	Chinese 中文	4	1、2	School of Liberal Arts 文学院	Compulsory 必修
		Overview of China 中国文化概论	3	1	OEC	
	Basic Theory Course 基础理论课	Basic Principles of Education 教育学原理	2	1	School of Teacher Education 教师教育学院	Compulsory 必修
		Higher Education 高等教育学	2	1		At least 2 credits 至少2学分
		Theory of Curriculum and Instruction 课程与教学论	2	1		
	Core Specialized Degree Courses 核心专业学位课	History of Chinese and Foreign Education 中外教育史	3	1	School of Teacher Education 教师教育学院	Compulsory 必修
Non-degree course 非学位课	Specialized Elective Courses 专业选修课	Topics on Contemporary Educational Reform: Domestic & Foreign 当代国内外教育教学改革专题	2	2	School of Teacher Education 教师教育学院	Selective 任选
		Educational Statistics and Evaluation 教育统计与评价	2	2		
		Sociology of Education 教育社会学	2	2		
		Comparative Education 比较教育学	2	2		
		Educational Psychology 教育心理学	2	2		
		Curriculum Leadership 课程领导	2	2		
		Development of Western Universities: History and Comparison 西方大学发展的历史与比较	2	2		
		Selected Reading of Classic Education Literature 教育名著选读	3	2		
		Research on Teacher Education 教师教育研究	2	2		

		Education Management and Policy 教育管理与政策分析	3	2		
		Principles of Learning 学习原理	2	2		
		Instructional Design 教学设计	2	2		
		Methodology of Educational Research 教育研究方法	2	2		
	Public Elective Courses 公共选修课	All graduate programs in all disciplines throughout the school 全校所有学科的全部研究生课程				Selective 任选

The graduate students for Education should finish the required course credits that must be at least a total of 28 credits, and the credits for degree courses should be more than 14.

外国语言文学 Foreign Languages and Literatures

Course category 课程类别		Course Title 课程名称	Credit 学分	Term 学期	School by which Courses opened 开课学院	Remark 备注
Degree courses 学位课	Public degree course 公共学位课	Chinese 中文	4	1、2	School of Liberal Arts 文学院	Compulsory 必修
		Overview of China 中国文化概论	3	1	OEC	
	Basic Theory Course 基础理论课	General Linguistics 普通语言学	2	1	School of Foreign Languages 外国语学院	At least 4 credits 至少4学分
		Contemporary Critical Theory 当代西方文论	2	1		
		Language and Culture 语言与文化	2	1		
		Translation Theories 翻译理论	2	1		
	Core Specialized Degree Courses 核心专业学位课	Applied Linguistics 应用语言学导论	3	1	School of Foreign Languages 外国语学院	At least 3 credits 至少3学分
		Literature and Culture 文学与文化	3	1		
	Non-degree course 非学位课	Specialized Elective Courses 专业选修课	Writing Research Papers and Dissertations of English Language 外国语言文学学术论文写作	2	1	School of Foreign Languages 外国语学院
Research Methods for Applied Linguistics 数据收集与处理			3	2		
Studies in Second Language Acquisition 第二语言习得研究			2	2		
ESL Curriculum Developing and Teaching 外语课程与教学论			2	2		
Language Testing: Theory and Practice 语言测试理论与实践			1	2		
Psycholinguistics 心理语言学			2	2		
Introduction to Systemic Functional Linguistics 系统功能语言学概论			2	2		
Pragmatics 语用学			2	2		
Corpus Linguistics 语料库语言学			2	2		

		Discourse Analysis 话语研究	2	2		
		Introduction to Argumentation Studies 论辩研究导论	2	2		
		Intercultural Communication Studies 跨文化交际学	2	2		
		Cultural and Inter/Cross-Cultural Communication Theories in Context 文化及跨文化交际理论 研究	2	2		
		Contrastive Linguistics 对比语言学	1	2		
		Contrastive Study of Chinese and English 汉英对比研究	1	2		
		Studies in Modern and Contemporary Literary Masterpieces 现当代外国文学名著批 评	2	2		
		Modernist Literature and Culture 现代主义文学和文化	2	2		
		Studies of Short Stories in English 英语短篇小说研究	2	2		
		Studies in English Poetry 英诗研究	1	2		
		Critical Studies in Literature 文学研究方法	1	2		
		Translation Studies 翻译研究	2	2		
		Research Methods for Translation Studies 翻译研究方法	1	2		
		Stylistics and Translation 文体与翻译	2	2		
		Poetry Translation Studies 诗歌翻译研究	2	2		
		Cultural Communication Between China and Japan 中日文化交流论	2	2		
		A Comparative Study of Chinese and Japanese Traditional Culture 中日传统文化比较研究	2	2		

		Contrastive Studies of Chinese and Japanese 汉日语言对比研究	2	2		
		Translation Research of Chinese and Japanese Language 日汉/汉日翻译研究	2	2		
		Study on Japanese Modern Literature 日本近现代文学研究	2	2		
	Public Elective Courses 公共选修课	All graduate programs in all disciplines throughout the school 全校所有学科的全部研究生课程				Selective 任选

The graduate students for Foreign Languages and Literatures should finish the required course credits that must be at least a total of 28 credits, and the credits for degree courses should be more than 14.

数学 Mathematics

Course category 课程类别		Course Title 课程名称	Credit 学分	Term 学期	School by which Courses opened 开课学院	Remark 备注
Degree courses 学位课	Public degree course 公共学位课	Chinese 中文	4	1、2	School of Liberal Arts 文学院	Compulsory 必修
		Overview of China 中国文化概论	3	1	OEC	
	Basic Theory Course 基础理论课	Fundamentals of Algebraic 代数基础	2	1	School of Science 理学院	At least 4 credits 至少 4 学分
		Fundamentals for Real and Functional Analysis 现代分析基础	2	1		
		The Basis of Dynamical System 动力系统基础	2	1		
	Core Specialized Degree Courses 核心专业学位课	Functional analysis 泛函分析	3	1	Faculty of Science 理学院	Compulsory 必修
	Non-de gree course 非学位 课	Specialized Elective Courses 专业选修课	Numerical Methods for Differential Equations 微分方程数值解	2	1	School of Science 理学院
Foundations of Modern Probability 现代概率统计方法			2	1		
Mathematical Model 数学模型			2	1		
Chaos Theory and Methods 混沌动力学理论与方法			2	1		
Qualitative Theory of Differential Equations 微分方程定性理论			2	2		
Modern Partial Differential Equations 现代偏微分方程			2	2		
Graph and Combinatorics 图论与组合数学			2	2		
Stochastic Differential Equations 随机微分方程			2	2		
Public Elective Courses 公共选修课		All graduate programs in all disciplines throughout the school 全校所有学科的全部研究生课程				Selective 任选

The graduate students for Mathematics should finish the required course credits that must be at least a total of 20 credits, and the credits for degree courses should be more than 14.

化学 Chemistry

Course category 课程类别		Course Title 课程名称	Credit 学分	Term 学期	School by which Courses opened 开课学院	Remark 备注	
Degree courses 学位课	Public degree course 公共学位课	Chinese 中文	4	1、2	School of Liberal Arts 文学院	Compulsory 必修	
		Overview of China 中国文化概论	3	1	OEC		
	Basic Theory Course 基础理论课	Advanced Inorganic Chemistry 高等无机化学	3	1	School of Chemistry & Chemical Engineering 化学化工学院	At least 6 credits 至少 6 学分	
		Advanced Physical Chemistry 高等物理化学	3	1			
		Advanced Organic Chemistry 高等有机化学	3	1			
		Modern Analytical Chemistry 现代分析化学	3	1			
	Core Specialized Degree Courses 核心专业学位课	Instrument Analytical Technology 高等仪器分析实验	3	1	School of Chemistry & Chemical Engineering 化学化工学院	At least 5 credits 至少 5 学分	
		Modern Synthetic Chemistry 现代合成化学	2	2			
		Advanced Coordination Chemistry 高等配位化学	2	1			
		Catalytic Chemistry 催化化学	2	2			
	Non-de gree course 非学位 课	Specialized Elective Courses 专业选修课	Separation Science and Technology 分离科学与技术	2	1	School of Chemistry & Chemical Engineering 化学化工学院	At least 6 credits 至少 6 学分
			Nanoscale Chemical Foundation 纳米化学基础	2	1		
Metal Organic Chemistry 金属有机化学			2	2			
Applied Electrochemistry 应用电化学			2	2			
Frontier Seminars 学术前沿讲座			2	1-2			
Functional Polymer Materials 功能高分子材料			2	2			
Public Elective Courses 公共选修课		All graduate programs in all disciplines throughout the school 全校所有学科的全部研究生课程				Selective 任选	

The graduate students for Chemistry should finish the required course credits that must be at least a total of 30 credits, and the credits for degree courses should be more than 18.

生物学 Biology

Course category 课程类别		Course Title 课程名称	Credit 学分	Term 学期	School by which Courses opened 开课学院	Remark 备注
Degree courses 学位课	Public degree course 公共学位课	Chinese 中文	4	1、2	School of Liberal Arts 文学院	Compulsory 必修
		Overview of China 中国文化概论	3	1	OEC	
	Basic Theory Course 基础理论课	Biochemistry 生物化学	2	1	Institute of life sciences 生科院	At least 4 credits 至少4学分
		Molecular Biology 分子生物学	2	1		
		Molecular Oncology 肿瘤分子生物学	2	1		
		Bioinformatics 生物信息学	2	1		
	Core Specialized Degree Courses 核心专业学位课	Instrumental Analysis and experimental technology in biology 生物仪器分析和实验方法	3	1	Institute of life sciences 生科院	Compulsory 必修
Non-de gree course 非学位 课	Specialized Elective Courses 专业选修课	Molecular Genetics 分子遗传学	2	1	Institute of life sciences 生科院	Selective 任选
		Functional Genomics 功能基因组学	2	1		
		Progress in life science 现代生命科学进展前沿 知识讲座	2	1		
		Molecular Virology 分子病毒学	2	1		
		Global Regulatory Network and Signal Transduction in Bacteria 细菌遗传调控	2	1		
		Cell Signal Transduction 细胞信号转导	2	1		
		Plant Molecular Biology 植物分子生物学	2	1		
		Cell Biology 细胞生物学	2	1		
		Genetic engineering 基因工程原理	2	1		
		Scientific writing in English 英文科技论文写作	2	1		

	Public Elective Courses 公共选修课	All graduate programs in all disciplines throughout the school 全校所有学科的全部研究生课程	Selective 任选
--	-----------------------------------------	----------------------------------------------------------------------------------	-----------------

The graduate students for Biology should finish the required course credits that must be at least a total of 18 credits, and the credits for degree courses should be more than 14.

生态学 Ecology

Course category 课程类别		Course Title 课程名称	Credit 学分	Term 学期	School by which Courses opened 开课学院	Remark 备注
Degree courses 学位课	Public degree course 公共学位课	Chinese 中文	4	1、2	School of Liberal Arts 文学院	Compulsory 必修
		Overview of China 中国文化概论	3	1	OEC	
	Basic Theory Course 基础理论课	Numerical Analysis 数值分析	2	1	School of Science 理学院	At least 4 credits 至少4学分
		Foundations of Modern Probability 现代概率统计方法	2	1		
		Mathematical Statistics 数理统计	2	1	School of Finance & Economics 财经学院	
	Core Specialized Degree Courses 核心专业学位课	Advanced ecology 高级生态学	3	1	School of Agricultural Equipment Engineering 农装学院	Compulsory 必修
Non-de gree course 非学位 课	Specialized Elective Courses 专业选修课	Leading lecture on ecology 生态学学术前沿讲座	2	2	School of Agricultural Equipment Engineering 农装学院	Compulsory 必修
		Modern instrument and test design 现代仪器与试验设计	2	2		
		Agroecosystem: plant, soil, water interactions 农业生态系统: 植物、土 壤、水的交互作用	2	2		
		Conservation ecology 保护生态学	2	2	School of Agricultural Equipment Engineering 农装学院	Selective 任选
		Soil ecology 土壤生态学	2	2		
		Wetland ecology 湿地生态学	2	2		
		Pollution ecology 污染生态学	2	2	School of the Environment and Safety Engineering 环安学院	
	Public Elective Courses 公共选修课	All graduate programs in all disciplines throughout the school 全校所有学科的全部研究生课程				Selective 任选

The graduate students for Ecology should finish the required course credits that must be at least a total of 20 credits, and the credits for degree courses should be more than 14.

统计学 Statistics

Course category 课程类别		Course Title 课程名称	Credit 学分	Term 学期	School by which Courses opened 开课学院	Remark 备注
Degree courses 学位课	Public degree course 公共学位课	Chinese 中文	4	1、2	School of Liberal Arts 文学院	Compulsory 必修
		Overview of China 中国文化概论	3	1	OEC	
	Basic Theory Course 基础理论课	Econometric Model 经济计量模型	2	1	School of Finance & Economics 财经学院	Compulsory for Economics Degree 授经济学学位必修
		Multivariate Statistical Analysis 多元统计分析	2	1		
		Mathematical Statistics 数理统计	2	1	School of Finance & Economics 财经学院	Compulsory for Science Degree 授理学学位必修
		Applied Stochastic Processes 应用随机过程	2	1	School of Science 理学院	
	Core Specialized Degree Courses 核心专业学位课	Advanced Statistics 高等统计学	3	1	School of Finance & Economics 财经学院	Compulsory 必修
	Non-degree course 非学位课	Specialized Elective Courses 专业选修课	Modern Statistical Theory Research 现代统计理论研究	2	1	School of Finance & Economics 财经学院
National Economic Statistical Analysis 国民经济统计分析			2	2		
Application of Statistical Software 统计软件应用			2	2		
Time Series Analysis 时间序列分析			2	2		
Structural Equation Model 结构方程模型			2	1		
Analysis of probability theory 分析概率论			2	2	School of Science 理学院	
Ergodic theory 遍历理论			2	2		
Measure Theor 测度论		2	1			
Public Elective Courses 公共选修课		All graduate programs in all disciplines throughout the school 全校所有学科的全部研究生课程				Selective 任选

The graduate students for Statistics should finish the required course credits that must be at

least a total of 24 credits, and the credits for degree courses should be more than 14.

力学 Mechanics

Course category 课程类别		Course Title 课程名称	Credit 学分	Term 学期	School by which Courses opened 开课学院	Remark 备注
Degree courses 学位课	Public degree course 公共学位课	Chinese 中文	4	1、2	School of Liberal Arts 文学院	Compulsory 必修
		Overview of China 中国文化概论	3	1	OEC	
	Basic Theory Course 基础理论课	Numerical Analysis 数值分析	2	1	School of Science 理学院	At least 4 credits 至少4学分
		Matrix theory 矩阵论	2	1		
		Mathematical Physic Equations 数理方程	2	1		
		Mathematical Statistics 数理统计	2	1	School of Finance & Economics 财经学院	
	Core Specialized Degree Courses 核心专业学位课	Elasticity 弹性力学	3	1	School of Civil Engineering and Mechanics 土力学院	Compulsory 必修
	Non-degree course 非学位课	Specialized Elective Courses 专业选修课	Lectures on Frontiers in Mechanics 力学中的前沿专题讲座	2	1	School of Civil Engineering and Mechanics 土力学院
Experimental Mechanics 实验力学			2	2		
Computational Mechanics 计算力学			2	2		
Nonlinear Vibration 非线性振动			2	2	Selective 任选	
Fundamentals of Micro/nanomechanics 微纳米力学基础			2	2		
Smart Material and Structure System 智能材料结构			2	2		
Fatigue and Fracture Mechanics 疲劳断裂力学			2	2		
Non-destructive Examination Technique of Civil Building Structures 工程结构无损检测及健康诊断的理论和应用			2	2		
Public Elective Courses 公共选修课		All graduate programs in all disciplines throughout the school 全校所有学科的全部研究生课程				Selective 任选

The graduate students for Mechanics should finish the required course credits that must be at least a total of 24 credits, and the credits for degree courses should be more than 14.

机械工程 Mechanical Engineering

Course category 课程类别		Course Title 课程名称	Credit 学分	Term 学期	School by which Courses opened 开课学院	Remark 备注
Degree courses 学位课	Public degree course 公共学位课	Chinese 中文	4	1、2	School of Liberal Arts 文学院	Compulsory 必修
		Overview of China 中国文化概论	3	1	OEC	
	Basic Theory Course 基础理论课	Numerical Analysis 数值分析	2	1	School of Science 理学院	At least 4 credits 至少4学分
		Matrix theory 矩阵论	2	1		
		Mathematical Physic Equations 数理方程	2	1		
		Mathematical Statistics 数理统计	2	1	School of Finance & Economics 财经学院	
	Core Specialized Degree Courses 核心专业学位课	Advanced Manufacturing Technology 先进制造技术	3	1	School of Mechanical Engineering 机械学院	Compulsory 必修
	Non-degree course 非学位课	Specialized Elective Courses 专业选修课	The technological innovation and frontier of Mechanical Engineering 机械工程科技创新与学科前沿	2	1	School of Mechanical Engineering 机械学院
Material Strengthening & Quality Evaluation 材料强化与质量评定			2	2		
Modern control engineering 现代控制理论			2	2		
Flexible manufacturing technology and system 柔性制造技术与系统			2	2		
Principles and applications of rapid prototyping 快速成型原理及应用			2	2		
Optimal Design of Machine 机械优化设计			2	2		
MEMS design and manufacturing 微机电系统设计与制造			2	2		
Vibration Analysis 振动分析			2	1	School of Automobile and	

		Signal Test and Processing Techniques in Engineering 工程信号测试与处理技 术	2	1	Traffic Engineering 汽车学院	
	Public Elective Courses 公共选修课	All graduate programs in all disciplines throughout the school 全校所有学科的全部研究生课程				Selective 任选

The graduate students for Mechanical Engineering should finish the required course credits that must be at least a total of 26 credits, and the credits for degree courses should be more than 14.

光学工程 Optical Engineering

Course category 课程类别		Course Title 课程名称	Credit 学分	Term 学期	School by which Courses opened 开课学院	Remark 备注
Degree courses 学位课	Public degree course 公共学位课	Chinese 中文	4	1、2	School of Liberal Arts 文学院	Compulsory 必修
		Overview of China 中国文化概论	3	1	OEC	
	Basic Theory Course 基础理论课	Numerical Analysis 数值分析	2	1	School of Science 理学院	At least 4 credits 至少 4 学分
		Matrix theory 矩阵论	2	1		
		Mathematical Physic Equations 数理方程	2	1		
	Core Specialized Degree Courses 核心专业学位课	Advanced optics 高等光学	3	1	School of Mechanical Engineering 机械学院	Compulsory 必修
Non-de gree course 非学位 课	Specialized Elective Courses 专业选修课	Modern Optics Experiments 高等光学	2	2	School of Mechanical Engineering 机械学院	At least 10 credits 至少 10 学 分
		Microstructured optical fibers, theory and applications 微结构光纤及其应用	2	2		
		Characterization of material's Optics and electric properties 材料光电特性分析	2	2		
		Laser Machining Technology 激光加工技术	2	2		
		Modern photoelectricity Testing Technology 近代光电测试技术	2	2		
		The Design of Optical Systems 光学系统设计	2	2		
		Laser Technology 激光技术	2	2		
	Public Elective Courses 公共选修课	All graduate programs in all disciplines throughout the school 全校所有学科的全部研究生课程				Selective 任选

The graduate students for Optical Engineering should finish the required course credits that must be at least a total of 26 credits, and the credits for degree courses should be more than 14.

仪器科学与技术 Instrument Science and Technology

Course category 课程类别		Course Title 课程名称	Credit 学分	Term 学期	School by which Courses opened 开课学院	Remark 备注
Degree courses 学位课	Public degree course 公共学位课	Chinese 中文	4	1、2	School of Liberal Arts 文学院	Compulsory 必修
		Overview of China 中国文化概论	3	1	OEC	
	Basic Theory Course 基础理论课	Numerical Analysis 数值分析	2	1	School of Science 理学院	At least 4 credits 至少 4 学分
		Matrix theory 矩阵论	2	1		
		Mathematical Statistics 数理统计	2	1	School of Finance & Economics 财经学院	
	Core Specialized Degree Courses 核心专业学位课	Instrument Accuracy Theory 仪器精度理论	3	1	School of Mechanical Engineering 机械学院	Compulsory 必修
Non-de gree course 非学位 课	Specialized Elective Courses 专业选修课	Modern Non-destructive Testing Technology 现代无损检测技术	2	1	School of Mechanical Engineering 机械学院	At least 12 credits 至少 12 学 分
		Machine Vision Inspection Technology 机器视觉检测技术	2	1		
		Sensor Electronics 传感器电子学	2	1		
		Process Control Instrumentation Technology 过程控制仪表技术	2	2		
		Micro-nano Detection Technology 微纳检测技术	2	2		
		Virtual Instrument Technology and Applications 虚拟仪器技术及应用	2	2		
		Digital Signal Processing 数字信号处理	2	2		
	Public Elective Courses 公共选修课	All graduate programs in all disciplines throughout the school 全校所有学科的全部研究生课程				Selective 任选

The graduate students for Instrument Science and Technology should finish the required course credits that must be at least a total of 26 credits, and the credits for degree courses should be more than 14.

材料科学与工程 Material Science and Engineering

Course category 课程类别		Course Title 课程名称	Credit 学分	Term 学期	School by which Courses opened 开课学院	Remark 备注
Degree courses 学位课	Public degree course 公共学位课	Chinese 中文	4	1、2	School of Liberal Arts 文学院	Compulsory 必修
		Overview of China 中国文化概论	3	1	OEC	
	Basic Theory Course 基础理论课	Matrix theory 矩阵论	2	1	School of Science 理学院	At least 4 credits 至少 4 学分
		Mathematical Statistics 数理统计	2	1	School of Finance & Economics 财经学院	
		Advanced Inorganic Material Chemistry 高等材料无机化学	2	1	School of Materials Science and Engineering 材料学院	
	Core Specialized Degree Courses 核心专业学位课	Materials physics and chemistry 材料物理与材料化学	3	1	School of Materials Science and Engineering 材料学院	Compulsory 必修
	Non-degree course 非学位课	Specialized Elective Courses 专业选修课	Structure and characteristic of materials 材料结构与表征	2	2	School of Materials Science and Engineering 材料学院
The characterization in Bionanomaterials 生物纳米材料			2	2		
Nanomaterials and Nanotechnology 纳米材料与纳米加工技术			2	2		
Introduction to Energy Materials 能源材料导论			2	2		
Advanced Ceramics 先进陶瓷材料			2	2		
Functional Materials and Devices 功能材料与器件			2	2		
Synthesis of Inorganic Materials 无机材料制备方法			2	2		
Physical and Mechanical Behavior of Ceramics 陶瓷性能学			2	2		
Computational Materials Science 计算材料学			2	2		

		Advance in Polymer Materials 高分子材料研究进展	2	2		
		Advanced Composite Materials and Technology 先进复合材料及技术	2	2		
		Fundamentals of Solidification 凝固原理	2	2		
		Polymer Chemistry and Physics 现代高分子物理与化学	2	2		
	Public Elective Courses 公共选修课	All graduate programs in all disciplines throughout the school 全校所有学科的全部研究生课程				Selective 任选

The graduate students for Materials Science & Engineering should finish the required course credits that must be at least a total of 22 credits, and the credits for degree courses should be more than 14.

动力工程及工程热物理 Power Engineering and Engineering

Thermophysics

Course category 课程类别		Course Title 课程名称	Credit 学分	Term 学期	School by which Courses opened 开课学院	Remark 备注
Degree courses 学位课	Public degree course 公共学位课	Chinese 中文	4	1、2	School of Liberal Arts 文学院	Compulsory 必修
		Overview of China 中国文化概论	3	1	OEC	
	Basic Theory Course 基础理论课	Numerical Analysis 数值分析	2	1	School of Science 理学院	At least 4 credits 至少 4 学分
		Matrix theory 矩阵论	2	1	School of Science 理学院	
		Mathematical Statistics 数理统计	2	1	School of Finance & Economics 财经学院	
		Viscous Fluid Mechanics 粘性流体力学	2	2	School of Energy and Power Engineering 能动学院	
	Heat Transfer 传热学	2	1	School of Energy and Power Engineering 能动学院		
	Core Specialized Degree Courses 核心专业学位课	Theory of Thermal Fluid Science 热流体科学理论	3	1	School of Energy and Power Engineering 能动学院	Compulsory 必修
	Non-degree course 非学位课	Specialized Elective Courses 专业选修课	Renewable Energy 可再生能源	2	2	School of Energy and Power Engineering 能动学院
The Progress in New Technology of the field of power engineering 动力工程技术最新进展			2	2		
Advanced Combustion Theory 高等燃烧理论			2	2		
Computational Fluid Dynamics: the Basic with Engineering Applications 计算流体力学基础及工程应用			2	2		
Advanced Numerical Heat Transfer (I) 高等传热和流动问题的数值模拟			2	2		

		Heat Transfer Enhancement and Its Application 强化传热及应用	2	2		
		Turbulent Combustion and its Application in Engineering 湍流燃烧与工程应用	2	2		
		Multi-phase Flow in Engineering 多相流理论及工程应用	2	2		
		Advanced Internal Combustion Engine Fundamentals 高等内燃机学	2	2	School of Automobile and Traffic Engineering 汽车学院	
		Emission Control Theory and Technology of ICE 内燃机排放控制理论和 技术	2	2		
		Engine electronic control and management system 内燃机电控与管理系统	2	2		
		Hydrodynamics of Pumps 泵流体力学	2	2	Research Center of Fluids Machinery and Engineering 流体中心	
		Advanced Fluid Engineering Theory and Measuring Technology 现代流体工程理论及测试技术	2	2		
		Computational Fluid Mechanics 计算流体力学 II	2	2		
		CFD for Fluid Machinery CFD 在流体机械中的应用	2	2		
		Flow in Pumps 泵内部流动	2	2		
		Design and Optimization of Pumps 泵的设计与优化	2	2		
	Public Elective Courses 公共选修课	All graduate programs in all disciplines throughout the school 全校所有学科的全部研究生课程				Selective 任选

The graduate students for Power Engineering & Engineering Thermophysics should finish the required course credits that must be at least a total of 24 credits, and the credits for degree courses should be more than 14.

电气工程 Electrical Engineering

Course category 课程类别		Course Title 课程名称	Credit 学分	Term 学期	School by which Courses opened 开课学院	Remark 备注	
Degree courses 学位课	Public degree course 公共学位课	Chinese 中文	4	1、2	School of Liberal Arts 文学院	Compulsory 必修	
		Overview of China 中国文化概论	3	1	OEC		
	Basic Theory Course 基础理论课	Numerical Analysis 数值分析	2	1	School of Science 理学院	At least 4 credits 至少 4 学分	
		Matrix theory 矩阵论	2	1			
		Mathematical Physic Equations 数理方程	2	1			
		Mathematical Statistics 数理统计	2	1	School of Finance & Economics 财经学院		
		Advanced Operations Research 高级运筹学	2	1	School of Management 管理学院		
	Core Specialized Degree Courses 核心专业学位课	Modern power electronics and AC drives 现代电力电子与交流传 动	3	1	School of Electrical and Information Engineering 电气学院	Compulsory 必修	
	Non-de gree course 非学位 课	Specialized Elective Courses 专业选修课	Frontier Lecture of Control and Electrical Engineering 控制与电气工程前沿论 坛	2	2	School of Electrical and Information Engineering 电气学院	Compulsory 必修
			Development, Design and Simulation of Control Systems 控制系统开发、设计与仿 真	2	2	School of Electrical and Information Engineering 电气学院	At least 4 credits for the students of School of Electrical and Information Engineering 电气学院 学生至少 4 学分
Digital speed adjustment and control technology of motors 电机数字调速控制技术			2	2			
Intelligent control 智能控制			2	2			
Pattern Recognition 模式识别			2	2	School of Computer Science & Communication Engineering 计算机学院	At least 4 credits for the students of other	
Big Data Processing and Practice 大数据处理与实践			2	2			

		Introduction to Complex Network 复杂网络导论	2	2	School of Science 理学院	School 计算机、理 学院学生 至少4学分
	Public Elective Courses 公共选修课	All graduate programs in all disciplines throughout the school 全校所有学科的全部研究生课程				Selective 任选

The graduate students for Electrical Engineering should finish the required course credits that must be at least a total of 20credits, and the credits for degree courses should be more than 14.

信息与通信工程 Information and Communication Engineering

Course category 课程类别		Course Title 课程名称	Credit 学分	Term 学期	School by which Courses opened 开课学院	Remark 备注
Degree courses 学位课	Public degree course 公共学位课	Chinese 中文	4	1、2	School of Liberal Arts 文学院	Compulsory 必修
		Overview of China 中国文化概论	3	1	OEC	
	Basic Theory Course 基础理论课	Matrix theory 矩阵论	2	1	School of Science 理学院	At least 4 credits 至少 4 学分
		Modern Signals Analysis 现代信号分析	2	1	School of Computer Science & Communication Engineering 计算机学院	
	Core Specialized Degree Courses 核心专业学位课	Electromagnetic Field in Wireless Communication System 无线通信系统中电磁场 理论	3	1	School of Computer Science & Communication Engineering 计算机学院	At least 3 credits 至少 3 学分
		Digital Communication 数字通信	3	1		
Non-de gree course 非学位 课	Specialized Elective Courses 专业选修课	Mobile Internet Development Technology 移动互联网开发	2	2	School of Computer Science & Communication Engineering 计算机学院	At least 6 credits 至少 6 学分
		Next Generation Network Technologies 下一代网络技术	2	2		
		Wireless Communication Technology 无线通信天线技术	2	2		
		Optical Communication Technology 光通信技术	2	2		
		Networks & Group Behaviors 网络与群体行为	2	2		
		Wireless communications antenna technology 无线通信天线技术	2	2		
	Public Elective Courses 公共选修课	All graduate programs in all disciplines throughout the school 全校所有学科的全部研究生课程				Selective 任选

The graduate students for Information and Communication Engineering should finish the required course credits that must be at least a total of 20 credits, and the credits for degree courses should be more than 14.

控制科学与工程 Control Science and Engineering

Course category 课程类别		Course Title 课程名称	Credit 学分	Term 学期	School by which Courses opened 开课学院	Remark 备注
Degree courses 学位课	Public degree course 公共学位课	Chinese 中文	4	1、2	School of Liberal Arts 文学院	Compulsory 必修
		Overview of China 中国文化概论	3	1	OEC	
	Basic Theory Course 基础理论课	Numerical Analysis 数值分析	2	1	School of Science 理学院	At least 4 credits 至少 4 学分
		Matrix theory 矩阵论	2	1		
		Mathematical Physic Equations 数理方程	2	1		
		Mathematical Statistics 数理统计	2	1	School of Finance & Economics 财经学院	
		Advanced Operations Research 高级运筹学	2	1	School of Management 管理学院	
	Core Specialized Degree Courses 核心专业学位课	Linear System Theory 线性系统理论	3	1	School of Electrical and Information Engineering 电气学院	At least 3 credits 至少 3 学分
		System model and analysis 系统模型及分析	3	1	School of Science 理学院	
	Non-de gree course 非学位 课	Specialized Elective Courses 专业选修课	Frontier Lecture of Control and Electrical Engineering 控制与电气工程前沿论 坛	2	2	School of Electrical and Information Engineering 电气学院
Development, Design and Simulation of Control Systems 控制系统开发、设计与仿 真			2	2	School of Electrical and Information Engineering 电气学院	At least 4 credits for the students of School of Electrical and Information Engineering 电气学院 学生至少 4 学分
Digital speed adjustment and control technology of motors 电机数字调速控制技术			2	2		
Intelligent control 智能控制			2	2		
Pattern Recognition 模式识别			2	2	School of Computer Science	At least 4

		Big Data Processing and Practice 大数据处理与实践	2	2	& Communication Engineering 计算机学院	credits for the students of other School 计算机、理学院学生至少4学分
		Introduction to Complex Network 复杂网络导论	2	2	School of Science 理学院	
	Public Elective Courses 公共选修课	All graduate programs in all disciplines throughout the school 全校所有学科的全部研究生课程				Selective 任选

The graduate students for Control Science & Engineering should finish the required course credits that must be at least a total of 20 credits, and the credits for degree courses should be more than 14.

计算机科学与技术 Computer Science and Technology

Course category 课程类别		Course Title 课程名称	Credit 学分	Term 学期	School by which Courses opened 开课学院	Remark 备注
Degree courses 学位课	Public degree course 公共学位课	Chinese 中文	4	1、2	School of Liberal Arts 文学院	Compulsory 必修
		Overview of China 中国文化概论	3	1	OEC	
	Basic Theory Course 基础理论课	Concrete Mathematics 具体数学	2	1	School of Computer Science & Communication Engineering 计算机学院	At least 4 credits 至少4学分
		Matrix theory 矩阵论	2	1	School of Science 理学院	
		Mathematical Statistics 数理统计	2	1	School of Finance & Economics 财经学院	
	Core Specialized Degree Courses 核心专业学位课	Theory of Computation 计算理论	3	1	School of Computer Science & Communication Engineering 计算机学院	Compulsory 必修
	Non-degree course 非学位课	Specialized Elective Courses 专业选修课	Big Data Processing and Practice 大数据处理与实践	2	2	School of Computer Science & Communication Engineering 计算机学院
Computer Vision Algorithms and Applications 计算机视觉算法与应用			2	2		
Software System Design 软件系统设计			2	2		
Information Security Attack and Defense Practice 信息安全攻防实践			2	2		
Embedded System Development 嵌入式系统开发与实践			2	2		
New Progress in Computer Science and Technology 计算机科学与技术新进展			2	1	School of Computer Science & Communication Engineering 计算机学院	
Advance Computer Graphics 高级计算机图形学		2	1	School of Computer Science & Communication Engineering 计算机学院	At least 2 credits 至少2学分	
Wireless Sensor Network 无线传感网络		2	1	School of Computer Science & Communication Engineering 计算机学院	At least 2 credits 至少2学分	

		Cloud Computing 云计算	2	1		
		Machine Learning 机器学习	2	1		
		Information Security 信息安全技术	2	1		
		Cryptography and Network Security 密码学与网络安全	2	1		
		Advanced Software Engineering 高级软件工程	2	1		
		Information Retrieval 信息检索	2	1		
	Public Elective Courses 公共选修课	All graduate programs in all disciplines throughout the school 全校所有学科的全部研究生课程				Selective 任选

The graduate students for Computer Science & Technology should finish the required course credits that must be at least a total of 20 credits, and the credits for degree courses should be more than 14.

土木工程 Civil Engineering

Course category 课程类别		Course Title 课程名称	Credit 学分	Term 学期	School by which Courses opened 开课学院	Remark 备注
Degree courses 学位课	Public degree course 公共学位课	Chinese 中文	4	1、2	School of Liberal Arts 文学院	Compulsory 必修
		Overview of China 中国文化概论	3	1	OEC	
	Basic Theory Course 基础理论课	Numerical Analysis 数值分析	2	1	School of Science 理学院	At least 4 credits 至少4学分
		Matrix theory 矩阵论	2	1		
		Mathematical Physic Equations 数理方程	2	1		
		Mathematical Statistics 数理统计	2	1	School of Finance & Economics 财经学院	
	Core Specialized Degree Courses 核心专业学位课	Advanced Theory of Concrete Structure 高等混凝土结构理论	3	1	School of Civil Engineering and Mechanics 土力学院	Compulsory 必修
	Non-degree course 非学位课	Specialized Elective Courses 专业选修课	Technology and Practice of BIM BIM 技术及实践应用	2	2	School of Civil Engineering and Mechanics 土力学院
Frontier Lectures on Civil Engineering 土木工程学科前沿讲座			2	2		
Fundamentals of Elasticity and Plasticity 弹塑性力学基础			2	2	At least 4 credits 至少4学分	
Advanced Theory of Steel Structures 高等钢结构理论			2	2		
Structural Wind Engineering 结构风工程			1	2		
Green Construction and Design 绿色建造与设计			2	2		
Techno-Economic Analysis and Optimization of Project 工程项目技术经济分析与优化			2	2		
Case Studies of Construction Project Financing 建设项目融资案例分析			2	2		

		Durability and life cycle design of concrete structure 混凝土结构耐久性及全寿命设计	2	2		
		Advanced Soil Mechanics 高等土力学	2	2		
		Soil Dynamics 土动力学	2	2		
		Vibration Control of Engineering Structure 工程结构减振控制	1	2		
		Theories, methods and technologies for modern construction 现代土木工程建造理论、方法与技术	3	2		
		Design and Numerical Simulation of Building Environment 建筑环境数值模拟与辅助设计	2	2	School of Energy and Power Engineering 能动学院	
	Public Elective Courses 公共选修课	All graduate programs in all disciplines throughout the school 全校所有学科的全部研究生课程				Selective 任选

The graduate students for Civil Engineering should finish the required course credits that must be at least a total of 26 credits, and the credits for degree courses should be more than 14.

化学工程与技术 Chemical Engineering and Technology

Course category 课程类别		Course Title 课程名称	Credit 学分	Term 学期	School by which Courses opened 开课学院	Remark 备注	
Degree courses 学位课	Public degree course 公共学位课	Chinese 中文	4	1、2	School of Liberal Arts 文学院	Compulsory 必修	
		Overview of China 中国文化概论	3	1	OEC		
	Basic Theory Course 基础理论课	Numerical Analysis 数值分析	2	1	School of Science 理学院	At least 4 credits 至少4学分	
		Mathematical Statistics 数理统计	2	1	School of Finance & Economics 财经学院		
		Chemical Technology 化工工艺	2	1	School of Chemistry & Chemical		
		Chemical Principles 化工原理	2	1	Engineering 化学 化工学院		
	Core Specialized Degree Courses 核心专业学位课	Advanced Physical Chemistry 高等物理化学	3	1	School of Chemistry & Chemical Engineering 化学化工学院	At least 5 credits 至少5学分	
		Advanced Inorganic Chemistry 高等无机化学	3	1			
		Chemical Reaction Engineering Reviews 化学反应工程概述	2	2			
		Separation Science and Technology 分离科学与技术	2	1			
		Industrial Catalysis 工业催化	2	2			
	Non-de gree course 非学位 课	Specialized Elective Courses 专业选修课	Instrument Analytical Technology 仪器分析实验	3	1	School of Chemistry & Chemical Engineering 化学化工学院	At least 6 credits 至少6学分
			Nanoscale Chemical Foundation 纳米化学基础	2	1		
			Sustainable Development and Cleaner Production 可持续发展与生产	2	2		
Applied Electrochemistry 应用电化学			2	2			
Advanced Materials and Applications 先进材料及应用			2	2			
Frontier Seminars 学术前沿讲座			2	1-2			

		Advanced Organic Chemistry 高等有机化学	3	1		
		Modern Analytical Chemistry 现代分析化学	3	1		
	Public Elective Courses 公共选修课	All graduate programs in all disciplines throughout the school 全校所有学科的全部研究生课程				Selective 任选

The graduate students for Chemical Engineering and Technology should finish the required course credits that must be at least a total of 22 credits, and the credits for degree courses should be more than 14.

交通运输工程 Traffic and Transportation Engineering

Course category 课程类别		Course Title 课程名称	Credit 学分	Term 学期	School by which Courses opened 开课学院	Remark 备注
Degree courses 学位课	Public degree course 公共学位课	Chinese 中文	4	1、2	School of Liberal Arts 文学院	Compulsory 必修
		Overview of China 中国文化概论	3	1	OEC	
	Basic Theory Course 基础理论课	Numerical Analysis 数值分析	2	1	School of Science 理学院	At least 4 credits 至少4学分
		Matrix theory 矩阵论	2	1		
		Mathematical Physic Equations 数理方程	2	1		
		Foundations of Modern Probability 现代概率统计方法	2	1		
		Advanced Operations Research 高级运筹学	2	1		
	Mathematical Statistics 数理统计	2	1	School of Finance & Economics 财经学院		
	Core Specialized Degree Courses 核心专业学位课	Traffic and transport system engineering 交通运输系统工程学	3	1	School of Automobile and Traffic Engineering 汽车学院	Compulsory 必修
	Non-de gree course 非学位 课	Specialized Elective Courses 专业选修课	Advanced Logistics 高等物流学	2	2	School of Automobile and Traffic Engineering 汽车学院
Energy-saving and environment protection technology of road vehicle 道路车辆节能与环保技术			2	2		
Tire science and technology 汽车轮胎学			2	2		
Road Vehicle System Dynamics & Control 道路车辆系统动力学与 控制			2	2		
Computational ground mechanics 计算地面力学			2	2		
Traffic Safety Engineering and Practicing 交通安全工程与实践			2	2		

		Traffic Design 交通设计	2	2		
		Traffic Network Analysis and Simulation Technology 交通网络分析与仿真技术	2	2		
		Urban Traffic Signal Control System 城市交通信号控制系统	2	2		
		Intelligent Transportation System 智能交通系统	2	2		
		Rail Transit Operation and Management 轨道交通运营组织与管理	2	2		
		Finite element method for structural analysis and its application 结构分析的有限元法与应用	2	2	School of Automobile and Traffic Engineering 汽车学院	At least 2 credits 至少 2 学分
		Traffic image detection and analysis 交通图像检测分析	2	2		
		Empirical Analysis of Traffic Choice Behavior 交通行为选择实证分析	2	2		
	Public Elective Courses 公共选修课	All graduate programs in all disciplines throughout the school 全校所有学科的全部研究生课程				Selective 任选

The graduate students for Traffic and Transportation Engineering should finish the required course credits that must be at least a total of 28 credits, and the credits for degree courses should be more than 14. At least 1 experimental platform courses are selected.

农业工程 Agricultural Engineering

Course category 课程类别		Course Title 课程名称	Credit 学分	Term 学期	School by which Courses opened 开课学院	Remark 备注	
Degree courses 学位课	Public degree course 公共学位课	Chinese 中文	4	1、2	School of Liberal Arts 文学院	Compulsory 必修	
		Overview of China 中国文化概论	3	1	OEC		
	Basic Theory Course 基础理论课	Numerical Analysis 数值分析	2	1	School of Science 理学院	At least 4 credits 至少 4 学分	
		Matrix theory 矩阵论	2	1			
		Mathematical Physic Equations 数理方程	2	1			
		Mathematical Statistics 数理统计	2	1	School of Finance & Economics 财经学院		
	Core Specialized Degree Courses 核心专业学位课	Intelligent technology of agricultural equipment 农业装备智能化技术	3	1	School of Agricultural Equipment Engineering 农装学院	At least 3 credits 至少 3 学分	
		Electromechanical system for agricultural equipment 农业装备机电系统	3	1			
	Non-de gree course 非学位 课	Specialized Elective Courses 专业选修课	Modern instrument and test technique 现代仪器与试验设计	2	2	School of Agricultural Equipment Engineering 农装学院	At least 6 credits 至少 6 学分
			Systems engineering 系统工程	2	2		
Agricultural machinery 农业机械学			2	2			
Sensing technology 传感技术			2	2			
Introduction to agricultural soil and water environment informatics 农业水土环境信息学概 论			2	2			
Mechanical experiment and analysis of grain harvest 谷物收获机械试验与分 析			2	2			
Theory and technology of planting machinery 种植机械理论与技术			2	2			
Biomass conversion technology and application 生物质转化技术及应用			2	2			

		Plant protection engineering 植保工程	2	2		
		Facility agriculture engineering 设施农业工程	2	2		
		Agricultural internet of things technology 农业物联网技术	2	2	School of Electrical and Information Engineering 电气学院	
	Public Elective Courses 公共选修课	All graduate programs in all disciplines throughout the school 全校所有学科的全部研究生课程				Selective 任选

The graduate students for Agricultural Engineering should finish the required course credits that must be at least a total of 20 credits, and the credits for degree courses should be more than 14.

环境科学与工程 Environmental Science and Engineering

Course category 课程类别		Course Title 课程名称	Credit 学分	Term 学期	School by which Courses opened 开课学院	Remark 备注	
Degree courses 学位课	Public degree course 公共学位课	Chinese 中文	4	1、2	School of Liberal Arts 文学院	Compulsory 必修	
		Overview of China 中国文化概论	3	1	OEC		
	Basic Theory Course 基础理论课	Numerical Analysis 数值分析	2	1	School of Science 理学院	At least 4 credits 至少4学分	
		Matrix theory 矩阵论	2	1			
		Mathematical Statistics 数理统计	2	1	School of Finance & Economics 财经学院		
		Advanced Environmental Chemistry 高等环境化学	2	1	School of Environment and Safety Engineering 环安学院		
		Advanced Environmental biology 高等环境生物学	2	1			
	Core Specialized Degree Courses 核心专业学位课	Introduction of Modern Environmental Engineering 现代环境工程概论	3	1	School of Environment and Safety Engineering 环安学院	Compulsory 必修	
	Non-de gree course 非学位 课	Specialized Elective Courses 专业选修课	Seminar 学术报告	2	2	School of Environment and Safety Engineering 环安学院	Compulsory 必修
			Environmental Safety Monitoring and Analysis Experiment 环境安全监测与分析实 验	2	2		
Frontiers of Environmental Science and Engineering 环境科学与工程学科前 沿讲座			2	2			
Environmental Ethics 环境伦理学			2	2	At least 4 credits 至少4学分		
Environmental Ecology 环境生态学			2	2			
Environmental Molecular Biology 环境分子生物学			2	2			
Advance in water pollution control 水污染控制进展			2	2			
Advanced Enzymology 高级酶学			2	2			

		Ecological Restoration Technology 生态修复技术	2	2		
		Environmental Biotechnology 环境生物技术	2	2		
		Environmental System Analysis 环境系统分析	2	2		
		Environmental Toxicology 环境毒理学	2	2		
		Development and Utilization of Energy Plants 能源植物开发与利用	2	2		
	Public Elective Courses 公共选修课	All graduate programs in all disciplines throughout the school 全校所有学科的全部研究生课程				Selective 任选

The graduate students for Environmental Science and Engineering should finish the required course credits that must be at least a total of 28 credits, and the credits for degree courses should be more than 14.

食品科学与工程 Food Science and Engineering

Course category 课程类别		Course Title 课程名称	Credit 学分	Term 学期	School by which Courses opened 开课学院	Remark 备注
Degree courses 学位课	Public degree course 公共学位课	Chinese 中文	4	1、2	School of Liberal Arts 文学院	Compulsory 必修
		Overview of China 中国文化概论	3	1	OEC	
	Basic Theory Course 基础理论课	Numerical Analysis 数值分析	2	1	School of Science 理学院	At least 4 credits, at least one Math course 至少4学分, 至少一门数学课
		Matrix theory 矩阵论	2	1		
		Mathematical Statistics 数理统计	2	1	School of Finance & Economics 财经学院	
		Food Microbiology 食品微生物学	2	1	School of Food and Biological Engineering 食品学院	
		Advanced Food Chemistry 高级食品化学	2	1		
	Novel Instrumental Analysis 现代仪器分析	3	1			
	Core Specialized Degree Courses 核心专业学位课	Food physics Processing 食品物理加工学	3	1	School of Food and Biological Engineering 食品学院	At least 3 credits 至少3学分
		Advanced Biochemistry 高级生物化学	3	1		
Non-degree course 非学位课	Specialized Elective Courses 专业选修课	Food Physics 食品物性学	2	1,2	School of Food and Biological Engineering 食品学院	At least 8 credits 至少8学分
		Frontier in Food Biotechnology 食品生物技术及前沿进展	2	1,2		
		Chinese Food Culture 中国饮食文化	2	1,2		
		Frontier development for Food Nondestructive Detection Techniques 食品无损检测技术前沿进展	2	1,2		
		Introduction to Food Science 食品科学导论	2	1,2		
		Experimental design and data analysis 试验设计及数据处理	2	1,2		

		Bio-separations and Extraction Technique in Food Industry 食品生物分离和提取技术	2	1,2		
		Advanced Development of Food Nutrition and Safety 食品营养与安全前沿进展	2	1,2		
		Digital Image Processing 数字图像处理	2	1,2		
		Spectral analysis of food 光谱分析	2	1,2		
		Food Fermentation Technology 食品发酵技术	2	1,2		
	Public Elective Courses 公共选修课	All graduate programs in all disciplines throughout the school 全校所有学科的全部研究生课程				Selective 任选

The graduate students for Food Science and Engineering should finish the required course credits that must be at least a total of 26 credits, and the credits for degree courses should be more than 14.

软件工程 Software Engineering

Course category 课程类别		Course Title 课程名称	Credit 学分	Term 学期	School by which Courses opened 开课学院	Remark 备注
Degree courses 学位课	Public degree course 公共学位课	Chinese 中文	4	1、2	School of Liberal Arts 文学院	Compulsory 必修
		Overview of China 中国文化概论	3	1	OEC	
	Basic Theory Course 基础理论课	Matrix theory 矩阵论	2	1	School of Science 理学院	At least 4 credits 至少4学分
		Mathematical Statistics 数理统计	2	1	School of Finance & Economics 财经学院	
	Core Specialized Degree Courses 核心专业学位课	Advanced software engineering 高级软件工程	3	1	School of Computer Science & Communication Engineering 计算机学院	Compulsory 必修
Non-de gree course 非学位 课	Specialized Elective Courses 专业选修课	Big Data Processing and Practice 大数据处理与实践	2	2	School of Computer Science & Communication Engineering 计算机学院	At least 2 credits 至少2学分
		Software System Design 软件系统设计	2	2		
		New Developments of software engineering 软件工程新进展	2	2	School of Computer Science & Communication Engineering 计算机学院	Compulsory 必修
		Software Testing Technology 软件测试技术	2	1	School of Computer Science & Communication Engineering 计算机学院	At least 2 credits 至少2学分
		Software Architecture and Design 软件架构设计	2	1		
		Information Security 信息安全技术	2	1		
		Information Retrieval 信息检索	2	1		
	Public Elective Courses 公共选修课	All graduate programs in all disciplines throughout the school 全校所有学科的全部研究生课程				Selective 任选

The graduate students for Software Engineering should finish the required course credits that must be at least a total of 20 credits, and the credits for degree courses should be more than 14.

安全科学与工程 Safety Science and Engineering

Course category 课程类别		Course Title 课程名称	Credit 学分	Term 学期	School by which Courses opened 开课学院	Remark 备注
Degree courses 学位课	Public degree course 公共学位课	Chinese 中文	4	1、2	School of Liberal Arts 文学院	Compulsory 必修
		Overview of China 中国文化概论	3	1	OEC	
	Basic Theory Course 基础理论课	Matrix theory 矩阵论	2	1	School of Science 理学院	At least 4 credits 至少4学分
		Mathematical Physic Equations 数理方程	2	1		
		Mathematical Statistics 数理统计	2	1	School of Finance & Economics 财经学院	
		Multivariate Statistical Analysis 多元统计分析	2	1		
	Core Specialized Degree Courses 核心专业学位课	The Principle of Safety Science and Engineering 安全科学与工程原理	3	1	School of Environment and Safety Engineering 环安学院	Compulsory 必修
Non-de gree course 非学位 课	Specialized Elective Courses 专业选修课	The Frontier Seminar of Safety Science and Engineering 安全科学与工程前沿讲 座	2	2	School of Environment and Safety Engineering 环安学院	Selective 任选
		Environmental safety testing and analysis experiment 环境安全检测与分析实 验	2	2		
		Safety Protection Materials 安全防护材料学	2	2		
		Numerical Simulation of Safety Engineering 安全工程数值模拟与仿 真	2	2		
		Advanced Safety Management Science 高等安全管理学	2	2		
		Fire Protection Engineering 消防工程学	2	2		
		Risk Assessment 风险评价	2	2		

		Information Technology of Safety 安全信息技术	2	2		
		traffic safety engineering and practice 交通安全工程与实践	2	2	School of Automobile and Traffic Engineering 汽车学院	
	Public Elective Courses 公共选修课	All graduate programs in all disciplines throughout the school 全校所有学科的全部研究生课程				Selective 任选

The graduate students for Safety science and engineering should finish the required course credits that must be at least a total of 26 credits, and the credits for degree courses should be more than 14.

基础医学 Basic Medicine

Course category 课程类别		Course Title 课程名称	Credit 学分	Term 学期	School by which Courses opened 开课学院	Remark 备注
Degree courses 学位课	Public degree course 公共学位课	Chinese 中文	4	1、2	School of Liberal Arts 文学院	Compulsory 必修
		Overview of China 中国文化概论	3	1	OEC	
	Basic Theory Course 基础理论课	Medical Statistics 医学统计学	2	1	School of Medicine 医学院	At least 4 credits 至少 4 学分
		Medical Biochemistry 医学生物化学	2	1		
		Medical Cell Biology 医学细胞生物学	2	1		
		Medical Immunology 医学免疫学	2	1		
	Core Specialized Degree Courses 核心专业学位课	Medical Molecular Biology 医学分子生物学	3	1	School of Medicine 医学院	Compulsory 必修
Non-de gree course 非学位 课	Specialized Elective Courses 专业选修课	Translational Medicine and Precision Medicine 转化医学与精准医学	2	1	School of Medicine 医学院	At least 2 credits 至少 2 学分
		Cell Signal Transduction and Cancer 细胞信号转导与肿瘤	2	1		
		Molecular Biology Techniques 分子生物学技术	2	1	School of Medicine 医学院	At least 2 credits 至少 2 学分
		Cell Biology Techniques 细胞生物学技术	2	1		
		Medical Immunology Techniques 医学免疫学技术	2	1		
		Immunological Biotherapy 免疫生物治疗学	2	1	School of Medicine 医学院	Selective 任选
		Basic and Clinical Research of Non-coding RNA 非编码 RNA 基础与临床	2	1		
		Medical Literature Reading and Paper Writing 医学文献导读与论文写 作	2	1		
		Stem Cell and Cancer 干细胞与肿瘤	2	1		
				Current Medical Genetics 现代医学遗传学	2	1

		Histology and Embryology 组织胚胎学	2	1		
	Public Elective Courses 公共选修课	All graduate programs in all disciplines throughout the school 全校所有学科的全部研究生课程				Selective 任选

The graduate students for Basic Medicine should finish the required course credits that must be at least a total of 22 credits, and the credits for degree courses should be more than 14.

临床医学 Clinical Medicine

Course category 课程类别		Course Title 课程名称	Credit 学分	Term 学期	School by which Courses opened 开课学院	Remark 备注
Degree courses 学位课	Public degree course 公共学位课	Chinese 中文	4	1、2	School of Liberal Arts 文学院	Compulsory 必修
		Overview of China 中国文化概论	3	1	OEC	
	Basic Theory Course 基础理论课	Medical Statistics 医学统计学	2	1	School of Medicine 医学院	At least 4 credits 至少 4 学分
		Medical Biochemistry 医学生物化学	2	1		
		Medical Molecular Biology 医学分子生物学	2	1		
		Medical Cell Biology 医学细胞生物学	2	1		
	Core Specialized Degree Courses 核心专业学位课	Clinical Medicine 临床医学	3	1	School of Medicine 医学院	Compulsory 必修
	Non-degree course 非学位课	Specialized Elective Courses 专业选修课	Translational Medicine and Precision Medicine 转化医学与精准医学	2	1	School of Medicine 医学院
Cell Signal Transduction and Cancer 细胞信号转导与肿瘤			2	1		
Molecular Biology Techniques 分子生物学技术			2	1	School of Medicine 医学院	At least 2 credits 至少 2 学分
Cell Biology Techniques 细胞生物学技术			2	1		
Medical Immunology Techniques 医学免疫学技术			2	1		
Advances in Clinical Laboratory Medicine 临床检验诊断学进展			2	1	School of Medicine 医学院	Selective 任选
Advances in Internal Medicine 内科学进展			2	1		
Advances in Surgery 外科学进展			2	1		
Advances in Oncology 肿瘤学进展			2	1		
Advances in Neurology 神经病学进展			2	1		

		Clinical and Cross-sectional Anatomy 临床与断层解剖学	2	1		
		Medical Literature Reading and Paper Writing 医学文献导读与论文写作	2	1		
		Stem Cell and Cancer 干细胞与肿瘤	2	1		
		Current Medical Genetics 现代医学遗传学	2	1		
		Histology and Embryology 组织胚胎学	2	1		
	Public Elective Courses 公共选修课	All graduate programs in all disciplines throughout the school 全校所有学科的全部研究生课程				Selective 任选

The graduate students for Clinical Medicine should finish the required course credits that must be at least a total of 24 credits, and the credits for degree courses should be more than 16.

药学 Pharmaceutical Sciences

Course category 课程类别		Course Title 课程名称	Credit 学分	Term 学期	School by which Courses opened 开课学院	Remark 备注
Degree courses 学位课	Public degree course 公共学位课	Chinese 中文	4	1、2	School of Liberal Arts 文学院	Compulsory 必修
		Overview of China 中国文化概论	3	1	OEC	
	Basic Theory Course 基础理论课	Medical Statistics 医学统计学	2	1	School of Medicine 医学院	At least 2 courses 至少 2 门课
		Experiment Design and Multivariate Statistical Analysis in Pharmaceutical Research 药学实验设计与多元统计 分析	2	1	School of Pharmacy 药学院	
		Modern Techniques in Pharmaceutical Analysis 现代药物分析技术	3	1		
	Core Specialized Degree Courses 核心专业学位课	Modern pharmaceuticals and its transformation 现代药剂及其转化	3	1	School of Pharmacy 药学院	Compulsory 必修
	Non-de gree course 非学位 课	Specialized Elective Courses 专业选修课	Experimental pharmacology 实验药理学	2	1	School of Pharmacy 药学院
Drug metabolism and pharmacokinetics 药物代谢与药物动力学			2	1		
Synthetic Methodology of Drug 药物合成方法学			2	1		
Bioorganic chemistry and drug design 生物有机化学和药物设计			2	1		
Gene transfer and tissue engineering 基因转运与组织工程			2	1		
Polymer science in pharmaceutics 药用高分子材料学			2	1		
Pharmaceutical preparations pilot equipment and molding process 药物制剂中试设备与成型 工艺			2	1		

		Pharmaceutical administration 药事管理学	2	1		
		Modern separation Techniques of TCM 中药现代分离技术	2	1		
		Chemo-bioinformatics for drug discovery and development 药物生物信息学	1	1		
		Toxicology 毒理学	2	1		
		Molecular Pharmacognosy 分子生药学	3	1		
	Public Elective Courses 公共选修课	All graduate programs in all disciplines throughout the school 全校所有学科的全部研究生课程				Selective 任选

The graduate students for Pharmaceutical Sciences should finish the required course credits that must be at least a total of 24 credits, and the credits for degree courses should be more than 14.

中药学 Chinese Materia Medica

Course category 课程类别		Course Title 课程名称	Credit 学分	Term 学期	School by which Courses opened 开课学院	Remark 备注
Degree courses 学位课	Public degree course 公共学位课	Chinese 中文	4	1、2	School of Liberal Arts 文学院	Compulsory 必修
		Overview of China 中国文化概论	3	1	OEC	
	Basic Theory Course 基础理论课	Medical Statistics 医学统计学	2	1	School of Medicine 医学院	At least 2 courses 至少 2 门课
		Experiment Design and Multivariate Statistical Analysis in Pharmaceutical Research 药理学实验设计与多元统计 分析	2	1	School of Pharmacy 药学院	
		Modern Techniques in Pharmaceutical Analysis 现代药物分析技术	3	1		
	Core Specialized Degree Courses 核心专业学位课	Molecular Pharmacognosy 分子生药学	3	1	School of Pharmacy 药学院	Compulsory 必修
	Non-de gree course 非学位 课	Specialized Elective Courses 专业选修课	Specific Topics of Chinese Materia Medica 中药学专论	2	1	School of Pharmacy 药学院
Pharmaceutical Molecular Biology 药理学分子生物学			2	1		
Resources of Chinese Materia Medica 中药资源学			2	1		
Pharmacology and Toxicology of TCM 中药药理与毒理学专论			2	1		
Selected Lecture of Natural Medicinal Chemistry 天然药物化学选论			2	1		
Chinese Medicine Processing 中药炮制学			2	1		
Modern separation Techniques of TCM 中药现代分离技术			2	1		
Selected Topics of Pharmacognosy 生药学选论			2	1		

		Modern pharmaceuticals and its transformation 现代药剂及其转化	3	1		
		Chemo-bioinformatics for drug discovery and development 药物生物信息学	1	1		
	Public Elective Courses 公共选修课	All graduate programs in all disciplines throughout the school 全校所有学科的全部研究生课程				Selective 任选

The graduate students for Chinese Materia Medica should finish the required course credits that must be at least a total of 24 credits, and the credits for degree courses should be more than 14.

管理科学与工程 Management Science and Engineering

Course category 课程类别		Course Title 课程名称	Credit 学分	Term 学期	School by which Courses opened 开课学院	Remark 备注
Degree courses 学位课	Public degree course 公共学位课	Chinese 中文	4	1、2	School of Liberal Arts 文学院	Compulsory 必修
		Overview of China 中国文化概论	3	1	OEC	
	Basic Theory Course 基础理论课	Mathematical Statistics 数理统计	2	1	School of Finance & Economics 财经学院	Compulsory 必修
		Management Research methods I 管理研究方法 I	2	1	School of Management 管理学院	
	Core Specialized Degree Courses 核心专业学位课	Senior Management 高级管理学	3	1	School of Management 管理学院	Compulsory 必修
	Non-degree course 非学位课	Specialized Elective Courses 专业选修课	Data Model and Decision 数据模型与决策	2	1	School of Management 管理学院
Frontier of Environmental innovation and Sustainable Development 环境创新与可持续发展前沿			2	2		
Big Data and Business Intelligence 大数据与商务智能研究			2	2		
Service Marketing 服务营销			2	1		
Competitive Strategies and Techniques 竞争战略与技术			2	2		
Frontier of Innovation and Entrepreneurship in SMEs 中小企业创新与创业管理前沿			2	1		
Principle and Practice of Marketing 市场营销理论与实践			2	2		
Logistics and Supply Chain Management 物流与供应链管理			2	2		
Research on E-commerce Technical 电子商务技术研究			2	2		
Managerial Economics 管理经济学			2	1		

		Research on Operations Management 运营管理研究	2	1		
		Management Communication 管理沟通	2	2		
		Project Management Research 项目管理研究	2	2		
		Public Policy 公共政策学	2	2		
		Leadership 领导科学与艺术	2	2		
	Public Elective Courses 公共选修课	All graduate programs in all disciplines throughout the school 全校所有学科的全部研究生课程				Selective 任选

The graduate students for Management Science & Engineering should finish the required course credits that must be at least a total of 28 credits, and the credits for degree courses should be more than 14.

工商管理 Business Administration

Course category 课程类别		Course Title 课程名称	Credit 学分	Term 学期	School by which Courses opened 开课学院	Remark 备注
Degree courses 学位课	Public degree course 公共学位课	Chinese 中文	4	1、2	School of Liberal Arts 文学院	Compulsory 必修
		Overview of China 中国文化概论	3	1	OEC	
	Basic Theory Course 基础理论课	Mathematical Statistics 数理统计	2	1	School of Finance & Economics 财经学院	At least 2 credits 至少 2 学分
		Advanced Operations Research 高级运筹学	2	1	School of Management 管理学院	
		Modern Enterprise Theory 现代企业理论	2	1	School of Management 管理学院	At least 2 credits 至少 2 学分
		Management Research methods I 管理研究方法 I	2	1		
	Core Specialized Degree Courses 核心专业学位课	Senior Management 高级管理学	3	1	School of Management 管理学院	Compulsory 必修
	Non-degree course 非学位课	Specialized Elective Courses 专业选修课	Research on Human Resource Theory 人力资源理论研究	2	2	School of Management 管理学院
Big Data and Business Intelligence 大数据与商务智能研究			2	2		
Research on Intellectual Property 知识产权研究			2	2		
Service Marketing 服务营销			2	1		
The Frontier of Innovation and Entrepreneurship in SMEs 中小企业创新与创业管理前沿			2	1		
Data Model and Decision 数据模型与决策			2	1		
Principle and Practice of Marketing 市场营销理论与实践			2	2		
Information Management and E-commerce 信息管理与电子商务			2	2		

		Strategic Planning and Management 战略规划与管理	2	2		
		Logistics and Supply Chain Management 物流与供应链管理研究	2	2		
		Leadership 领导科学与艺术	2	2		
		Project Management Research 项目管理研究	2	2		
		Social Economics 社会经济学	2	2		
		Global Marketing Management 国际市场营销	2	1		
		Multinational Business Strategy 跨国企业经营战略	2	2		
		Financial Accounting Theory and Practice 财务会计理论与实务	3	1	School of Finance & Economics 财经学院	
		Financial Management Theory and Practice 财务管理理论与实务	3	1		
		Business Analysis 商务分析	2	2		
		Financial Statements and Analysis 财务报表与企业经营分析	2	2		
	Public Elective Courses 公共选修课	All graduate programs in all disciplines throughout the school 全校所有学科的全部研究生课程				Selective 任选

The graduate students for Business Administration should finish the required course credits that must be at least a total of 28 credits, and the credits for degree courses should be more than 14.

公共管理 Public Administration

Course category 课程类别		Course Title 课程名称	Credit 学分	Term 学期	School by which Courses opened 开课学院	Remark 备注
Degree courses 学位课	Public degree course 公共学位课	Chinese 中文	4	1、2	School of Liberal Arts 文学院	Compulsory 必修
		Overview of China 中国文化概论	3	1	OEC	
	Basic Theory Course 基础理论课	Mathematical Statistics 数理统计	2	1	School of Finance & Economics 财经学院	Compulsory 必修
		Advanced Operations Research 高级运筹学	2	1	School of Management 管理学院	
	Core Specialized Degree Courses 核心专业学位课	Public Management 公共管理学	2	1	School of Management 管理学院	Compulsory 必修
		Research Design and Method 研究设计与方法	2	1		
Non-de gree course 非学位 课	Specialized Elective Courses 专业选修课	Senior Health Management 高级卫生事业管理学	2	1	School of Management 管理学院	At least 4 credits 至少4学分
		Senior Health Economics 高级卫生经济学	2	2		
		Selected Classic Readings of Public Administration 公共行政经典著作选读	2	2		
		Public Policy 公共政策学	2	2		
		Management Research Method I 管理研究方法 I	2	1	School of Management 管理学院	Selective 任选
		Human Resource Management 人力资源管理	2	1		
		Senior Management 高级管理学	2	1		
		Senior Hospital Administration 高级医院管理学	2	2		
		Social Medicine 社会医学	2	1		
		Introduction of Social Welfare 社会福利概论	2	2		
		Senior Medical Insurance 高级医疗保险学	2	1		

		History of Public Administrative Thought 行政思想史	2	2		
		Government Public Relations 政府公共关系	2	1		
		Local government and governance 中国地方政府与治理	2	2		
		Social Economics 社会经济学	2	2		
	Public Elective Courses 公共选修课	All graduate programs in all disciplines throughout the school 全校所有学科的全部研究生课程				Selective 任选

The graduate students for Public Administration should finish the required course credits that must be at least a total of 28 credits, and the credits for degree courses should be more than 14.

图书情报与档案管理 Library, Information and Archive
Management

Course category 课程类别		Course Title 课程名称	Credit 学分	Term 学期	School by which Courses opened 开课学院	Remark 备注
Degree courses 学位课	Public degree course 公共学位课	Chinese 中文	4	1、2	School of Liberal Arts 文学院	Compulsory 必修
		Overview of China 中国文化概论	3	1	OEC	
	Basic Theory Course 基础理论课	Foundation of Library Science 图书馆学基础	2	1	Institute of Science and Technology Information 科信所	At least 2 credits 至少 2 学分
		Intelligence Theory Research 情报学基础	2	2		
		Applied Mathematics for Library and Information Science 图书情报应用数学	2	1		Compulsory 必修
	Core Specialized Degree Courses 核心专业学位课	Theory and Method of Library and Information Science 图书情报学理论与方法	3	2	Institute of Science and Technology Information 科信所	Compulsory 必修
	Non-de gree course 非学位 课	Specialized Elective Courses 专业选修课	Research Fronts of Library and Information Science 图书情报学研究前沿	1	1	Institute of Science and Technology Information 科信所
Theory and Method of Information Behavior 信息行为研究理论与方 法			2	2		
Patent Information Research 专利情报研究			2	1	Selective 任选	
English for Library and Information Science 图书情报学专业英语			1	1		
Competitive Intelligence Research 竞争情报研究			2	2		
Medical Intelligence Analysis 医学情报分析			2	2		
Informetrics Research 信息计量研究			2	2		
Public Data Management 公共数据管理			2	2		

		Information Organization 信息组织	2	1		
		Information Science: Concept and Method 信息学	2	1		
		Literature Retrieval and Utilization 文献检索与利用	2	2		
	Public Elective Courses 公共选修课	All graduate programs in all disciplines throughout the school 全校所有学科的全部研究生课程				Selective 任选

The graduate students for Library, Information and Archive Management should finish the required course credits that must be at least a total of 28 credits, and the credits for degree courses should be no less than 14.

会计学 Accounting

Course category 课程类别		Course Title 课程名称	Credit 学分	Term 学期	School by which Courses opened 开课学院	Remark 备注
Degree courses 学位课	Public degree course 公共学位课	Chinese 中文	4	1、2	School of Liberal Arts 文学院	Compulsory 必修
		Overview of China 中国文化概论	3	1	OEC	
	Basic Theory Course 基础理论课	Mathematical Statistics 数理统计	2	1	School of Finance & Economics 财经学院	At least 4 credits 至少 4 学分
		Multivariate Statistical Analysis 多元统计分析	2	1		
		Accounting Research Method 会计研究方法	2	1		
	Core Specialized Degree Courses 核心专业学位课	Accounting Theory and Practice 会计理论与实务	2	1	School of Finance & Economics 财经学院	Compulsory 必修
		Principles of Taxation for Business and Investment Planning 税务筹划原理	2	1		
Non-de gree course 非学位 课	Specialized Elective Courses 专业选修课	Advanced Financial Management 高级财务管理	2	1	School of Finance & Economics 财经学院	At least 6 credits 至少 6 学分
		Cost Accounting Research 成本会计研究	2	1		
		Auditing Theory and Method 审计理论和方法	2	1		
		International Accounting Research 国际会计准则研究	2	1		
		Advanced Financial Accounting 高级财务会计	2	2		
		Advanced Management Accounting 高级管理会计	2	2		
		Corporate Financial Analysis 公司财务分析	2	2		
	Public Elective Courses 公共选修课	All graduate programs in all disciplines throughout the school 全校所有学科的全部研究生课程				Selective 任选

The graduate students for Accounting should finish the required course credits that must be at least a total of 21 credits, and the credits for degree courses should be no less than 15.

法律硕士 Juris Master

Course category 课程类别		Course Title 课程名称	Credit 学分	Term 学期	School by which Courses opened 开课学院	Remark 备注	
Degree courses 学位课	Public degree course 公共学位课	Chinese 中文	4	1、2	School of Liberal Arts 文学院	Compulsory 必修	
		Overview of China 中国文化概论	3	1	OEC		
	Basic Theory Course 基础理论课	Introduction to Chinese Law 中国法导论	2	1	School of Law 法学院	Compulsory 必修	
		General Part of Contract Law 合同法	2	1		At least 2 credits 至少 2 学分	
		General Part of Criminal Law 刑法	2	1			
	Core Specialized Degree Courses 核心专业学位课	International Economic Law 国际经济法	2	2	School of Law 法学院	At least 4 credits 至少 4 学分	
		Company Law 公司法	2	2			
		Chinese Commercial Law 中国商法	2	2			
	Non-de gree course 非学位 课	Specialized Elective Courses 专业选修课	Real Property Law 物权法	2	2	School of Law 法学院	At least 8 credits 至少 8 学分
			Procedure Law 诉讼法	2	2		
Intellectual property law 知识产权法			2	2			
Labor and Social Security Law 劳动与社会保障法			2	2			
Comparative Law 比较法律制度			2	2			
Economic law 经济法			2	2			
Tort Law 侵权法			2	2			
Public Elective Courses 公共选修课		All graduate programs in all disciplines throughout the school 全校所有学科的全部研究生课程				Selective 任选	

The graduate students for Juris Master should finish the required course credits that must be at least a total of 23credits, and the credits for degree courses should be no less than 15.

汉语国际教育 Master of Teaching Chinese to Speakers of Other Languages (MTC SOL)

Course category 课程类别		Course Title 课程名称	Credit 学分	Term 学期	School by which Courses opened 开课学院	Remark 备注	
Degree courses 学位课	Public degree course 公共学位课	Chinese 中文	4	1、2	School of Liberal Arts 文学院	Compulsory 必修	
		Overview of China 中国文化概论	3	1	OEC		
	Basic Theory Course 基础理论课	Introduction to Chinese Linguistics 汉语语言学导论	2	1	School of Liberal Arts 文学院	Compulsory 必修	
		Inter-cultural Communication 跨文化交际	2	1			
		Chinese Culture and Communication 中华文化与传播	2	1			
		Theory of Second Language Acquisition 第二语言习得理论	2	1	School of Foreign Languages 外国语学院		
	Core Specialized Degree Courses 核心专业学位课	Teaching Chinese as a Second / Foreign Language 汉语作为第二语言/外语 教学	3	1	School of Liberal Arts 文学院	Compulsory 必修	
		Case Study of Chinese Classroom Teaching 汉语课堂教学案例分析	3	1			
	Non-de gree course 非学位 课	Specialized Elective Courses 专业选修课	History of Linguistics 语言学史	1	2	School of Foreign Languages 外国语学院	at least 4 courses 最少选4门
			Psychology for Foreign Language Education 外语教育心理学	1	2	School of Teacher Education 教师教育学院	
Comparison between English and Chinese and Analysis of Deviation 英汉语言比较与偏误分 析			1	2	School of Liberal Arts 文学院		

	Testing and Evaluation of Teaching 教学测试与评估	1	2		
	Classroom Observation and Practice 课堂观察与实践	1	2		
	Teaching Design and Management 教学设计与管理	1	2		
	Etiquette and International Relations 礼仪与国际关系	1	2		
	Chinese Character Culture and International Education 汉字文化与国际教育	1	2		
	Classics of Chinese Culture 中国文化经典	2	2		at least 3 courses 最少选 3 门
	Chinese Folk Culture 中华民俗文化	1	2		
	Chinese Culture Talents and Presentation 中华文化才艺与展示	1	2		
	Survey of China 中国概况	1	2		Compulsory 必修
	Investigation and Analysis of Chinese Textbooks in Different Countries 国别汉语教材调查分析	1	2		at least 1 courses 最少选 1 门
	Oral Chinese for Teachers 教师口语	1	2		
	Special Topic on Comparison of Language and Culture Education between China and Other Countries 中外语言文化教育比较专题	1	2		at least 1 courses 最少选 1 门
	Special Topic on TCSOL 汉语国际教育专题	1	2		
Public Elective Courses 公共选修课	All graduate programs in all disciplines throughout the school 全校所有学科的全部研究生课程				Selective 任选

The graduate students for MTCSOL should finish the required course credits that must be at

least a total of 31 credits, and the credits for degree courses should be more than 21.

安全工程 Safety Engineering

Course category 课程类别		Course Title 课程名称	Credit 学分	Term 学期	School by which Courses opened 开课学院	Remark 备注	
Degree courses 学位课	Public degree course 公共学位课	Chinese 中文	4	1、2	School of Liberal Arts 文学院	Compulsory 必修	
		Overview of China 中国文化概论	3	1	OEC		
	Basic Theory Course 基础理论课	Numerical Analysis 数值分析	2	1	School of Science 理学院	At least 4 credits 至少4学分	
		Matrix theory 矩阵论	2	1			
		Mathematical Statistics 数理统计	2	1	School of Finance & Economics 财经学院		
		Multivariate Statistical Analysis 多元统计分析	2	1			
		Advanced Operations Research 高级运筹学	2	1			School of Management 管理学院
	Core Specialized Degree Courses 核心专业学位课	The Principle of Safety Science and Engineering 安全科学与工程原理	3	1	School of Environment and Safety Engineering 环安学院	Compulsory 必修	
	Non-de gree course 非学位 课	Specialized Elective Courses 专业选修课	The Frontier Seminar of Safety Science and Engineering 安全科学与工程前沿讲 座	2	2	School of Environment and Safety Engineering 环安学院	Selective 任选
			Environmental safety testing and analysis experiment 环境安全检测与分析实 验	2	2		
Safety Protection Materials 安全防护材料学			2	2			
Numerical Simulation of Safety Engineering 安全工程数值模拟与仿 真			2	2			
Advanced Safety Management Science 高等安全管理学			2	2			
Fire Protection Engineering 消防工程学			2	2			

		security evaluation technology 安全评价技术				
		safety management engineering 安全管理工程				
		ventilation safety 通风安全学				
		structural wind engineering 结构风工程				School of Civil Engineering and Mechanics 土力学院
		traffic safety engineering and practice 交通安全工程与实践	2	2		School of Automobile and Traffic Engineering 汽车学院
	Public Elective Courses 公共选修课	All graduate programs in all disciplines throughout the school 全校所有学科的全部研究生课程				Selective 任选

The graduate students for Safety Engineering should finish the required course credits that must be at least a total of 26credits, and the credits for degree courses should be more than 14.

环境工程 Environmental Engineering

Course category 课程类别		Course Title 课程名称	Credit 学分	Term 学期	School by which Courses opened 开课学院	Remark 备注	
Degree courses 学位课	Public degree course 公共学位课	Chinese 中文	4	1、2	School of Liberal Arts 文学院	Compulsory 必修	
		Overview of China 中国文化概论	3	1	OEC		
	Basic Theory Course 基础理论课	Foundations of Modern Probability 现代概率统计方法	2	1	School of Science 理学院	At least 4 credits 至少 4 学分	
		Mathematical Statistics 数理统计	2	1	School of Finance & Economics 财经学院		
		Multivariate Statistical Analysis 多元统计分析	2	1			
		Advanced Environmental Chemistry 高等环境化学	2	1	School of Environment and Safety Engineering 环安学院		
		Advanced Environmental biology 高等环境生物学	2	1			
	Core Specialized Degree Courses 核心专业学位课	Introduction of Modern Environmental Engineering 现代环境工程概论	3	1	School of Environment and Safety Engineering 环安学院	Compulsory 必修	
	Non-de gree course 非学位 课	Specialized Elective Courses 专业选修课	Seminar 学术报告	2	2	School of Environment and Safety Engineering 环安学院	Compulsory 必修
			Environmental Safety Monitoring and Analysis Experiment 环境安全监测与分析实 验	2	2		
Frontiers of Environmental Science and Engineering 环境科学与工程学科前 沿讲座			2	2			
Ecological Restoration Technology 生态修复技术			2	2	At least 4 credits 至少 4 学分		
Advance in water pollution control 水污染控制进展			2	2			
Environmental Biotechnology 环境生物技术			2	2			

		Green oxidation technology 绿色氧化技术	2	2		
		Design of Environmental and Safety Experiment 环境与安全试验设计	2	2		
		Development and Utilization of Energy Plants 能源植物开发与利用	2	2		
		Environmental System Analysis 环境系统分析	2	2		
		Management of environmental engineering project 环境工程项目管理	2	2		
	Public Elective Courses 公共选修课	All graduate programs in all disciplines throughout the school 全校所有学科的全部研究生课程				Selective 任选

The graduate students for Environmental Engineering should finish the required course credits that must be at least a total of 24credits, and the credits for degree courses should be more than 14.

临床医学硕士 Master of Medicine

Course category 课程类别		Course Title 课程名称	Credit 学分	Term 学期	School by which Courses opened 开课学院	Remark 备注
Degree courses 学位课	Public degree course 公共学位课	Chinese 中文	4	1、2	School of Liberal Arts 文学院	Compulsory 必修
		Overview of China 中国文化概论	3	1	OEC	
	Basic Theory Course 基础理论课	Medical Statistics 医学统计学	2	1	School of Medicine 医学院	At least 4 credits 至少4学分
		Medical Biochemistry 医学生物化学	2	1		
		Medical Molecular Biology 医学分子生物学	2	1		
		Medical Cell Biology 医学细胞生物学	2	1		
	Core Specialized Degree Courses 核心专业学位课	Clinical Medicine 临床医学	3	1	School of Medicine 医学院	Compulsory 必修
Non-de gree course 非学位 课	Specialized Elective Courses 专业选修课	Translational Medicine and Precision Medicine 转化医学与精准医学	2	1	School of Medicine 医学院	At least 2 credits 至少2学分
		Cell Signal Transduction and Cancer 细胞信号转导与肿瘤	2	1		
		Molecular Biology Techniques 分子生物学技术	2	1	School of Medicine 医学院	At least 2 credits 至少2学分
		Cell Biology Techniques 细胞生物学技术	2	1		
		Medical Immunology Techniques 医学免疫学技术	2	1		
		Advances in Clinical Laboratory Medicine 临床检验诊断学进展	2	1	School of Medicine 医学院	Selective 任选
		Advances in Internal Medicine 内科学进展	2	1		
		Advances in Surgery 外科学进展	2	1		
		Advances in Oncology 肿瘤学进展	2	1		
		Advances in Neurology 神经病学进展	2	1		

		Clinical and Cross-sectional Anatomy 临床与断层解剖学	2	1		
		Medical Literature Reading and Paper Writing 医学文献导读与论文写作	2	1		
		Stem Cell and Cancer 干细胞与肿瘤	2	1		
		Current Medical Genetics 现代医学遗传学	2	1		
		Histology and Embryology 组织胚胎学	2	1		
	Public Elective Courses 公共选修课	All graduate programs in all disciplines throughout the school 全校所有学科的全部研究生课程				Selective 任选

The graduate students for Master of Medicine should finish the required course credits that must be at least a total of 24 credits, and the credits for degree courses should be more than 16.

工商管理硕士 Master of Business Administration (MBA)

Course category 课程类别		Course Title 课程名称	Credit 学分	Term 学期	School by which Courses opened 开课学院	Remark 备注
Degree courses 学位课	Public degree course 公共学位课	Chinese 中文	4	1、2	School of Liberal Arts 文学院	Compulsory 必修
		Overview of China 中国文化概论	3	1	OEC	
	Core Specialized Degree Courses 核心专业学位课	Accounting 会计学	3	1	School of Finance & Economics 财经学院	Compulsory 必修
		Financial Management 财务管理	3	2	School of Management 管理学院	
		Strategic Management 战略管理	3	1		
		Management Information System 管理信息系统	3	2		
		Managerial Economics 管理经济学	3	1		
		Marketing 市场营销	3	1		
		Organizational Behavior 组织行为学	3	1		
		Production and Operation Management 生产与运作管理	3	2		
		Human Resource Management 人力资源管理	3	1		
		Data Model and Decision 数据模型与决策	3	2		
		Senior Management 高级管理学	2	1		
Non-de gree course 非学位 课	Specialized Elective Courses 专业选修课	International Finance 国际金融	2	2		School of Management 管理学院
		Entrepreneurship 创业管理	2	2		
		Market research and forecasting 市场调查与预测	2	2		
		Intermediate Macroeconomics 宏观经济学	2	2		
		Business Chinese 商务汉语	2	2		

		Innovative Internet Technology & Business Model 创新互联网技术与商业模式	2	2		
		Management Communication 管理沟通	2	2		
		Service Marketing 服务营销	2	1		
		Financial Statement Analysis 财务报表分析	2	2		
		Business Negotiation 商务谈判	2	2		
		International Trade 国际贸易	2	2		
		International Business 国际商务	2	2		
		Currency and Banking 货币银行学	2	2		
		Logistics and Supply Chain Management 物流与供应链管理	2	2		
	Public Elective Courses 公共选修课	All graduate programs in all disciplines throughout the school 全校所有学科的全部研究生课程				Selective 任选

The graduate students for MBA finish the required course credits that must be at least a total of 45 credits, and the credits for degree courses should be more than 39.

公共管理硕士 Master of Public Administration (MPA)

Course category 课程类别		Course Title 课程名称	Credit 学分	Term 学期	School by which Courses opened 开课学院	Remark 备注
Degree courses 学位课	Public degree course 公共学位课	Chinese 中文	4	1、2	School of Liberal Arts 文学院	Compulsory 必修
		Overview of China 中国文化概论	3	1	OEC	
	Core Specialized Degree Courses 核心专业学位课	Public Management 公共管理学	3	1	School of Management 管理学院	Compulsory 必修
		Public Policy 公共政策学	3	2		
		Research Design and Paper Writing 研究设计与学位论文写 作	3	2		
		Public Economics 公共经济学	3	1		
		The Practice of Social Research 社会研究方法	3	2		
		Social Security 社会保障学	3	1		
		Government and Politics in Contemporary China 当代中国政府与政治	3	2		
		An Introduction of Politics 政治学原理	3	1		
Non-de gree course 非学位 课	Specialized Elective Courses 专业选修课	Local government and governance 地方政府与治理	2		School of Management 管理学院	Selective 任选
		Medical Insurance Management 医疗保险管理	2			
		Introduction to Health 公共健康导论	2			
		Hospital Administration 医院管理学	2			
		Public Administrative Ethics 公共管理伦理学	2			
		Public Personnel Management 公共人力资源管理	2			
		Nonprofit Organization Management 非营利组织管理	2			

		Social Management & Social policy 社会管理与社会政策	2			
		Management Communication 管理沟通	2			
		Government Public Relations 政府公共关系	2			
	Public Elective Courses 公共选修课	All graduate programs in all disciplines throughout the school 全校所有学科的全部研究生课程				Selective 任选

The graduate students for MPA finish the required course credits that must be at least a total of 46 credits, and the credits for degree courses should be more than 31.

会计硕士 Master of Professional Accounting (MPAcc)

Course category 课程类别		Course Title 课程名称	Credit 学分	Term 学期	School by which Courses opened 开课学院	Remark 备注
Degree courses 学位课	Public degree course 公共学位课	Chinese 中文	4	1、2	School of Liberal Arts 文学院	Compulsory 必修
		Overview of China 中国文化概论	3	1	OEC	
	Basic Theory Course 基础理论课	Managerial Economics 管理经济学	2	1	School of Finance & Economics 财经学院	Compulsory 必修
	Core Specialized Degree Courses 核心专业学位课	Financial Accounting Theory and Practice 财务会计理论与实务	3	1	School of Finance & Economics 财经学院	Compulsory 必修
		Managerial Accounting Theory and Practice 管理会计理论与实务	3	2		
		Financial Management Theory and Practice 财务管理理论与实务	3	1		
		Auditing Theory and Practice 审计理论与实务	3	2		
	Non-de gree course 非学位 课	Specialized Elective Courses 专业选修课	Business Ethics and Accounting Professional Morality 商业伦理与会计职业道 德	2	1	School of Finance & Economics 财经学院
International Taxation 国际税收			2	2		
Financial Statement Analysis 财务分析			2	1		
Business Analysis 商业分析			2	2		
Introduction to Commercial Law 商法概论			2	2		At least 6 credits 至少 6 学分
Internal Control and Risk Management 内部控制与风险管理			2	2		
Accounting of Government and non-profit Organization 政府与非盈利组织会计			2	2		
Corporate Tax Planning 税收筹划			2	2		

		International Financial Statement Criterion 国际财务报告准则专题	2	2		
		Methods of accounting research 会计研究方法	2	2		
	Public Elective Courses 公共选修课	All graduate programs in all disciplines throughout the school 全校所有学科的全部研究生课程				Selective 任选

The MPAcc students should finish the required course credits that must be at least a total of 35 credits, and the credits for degree courses should be more than 21.

艺术硕士 Master of Fine Arts (MFA)

Course category 课程类别		Course Title 课程名称	Credit 学分	Term 学期	School by which Courses opened 开课学院	Remark 备注
Degree courses 学位课	Public degree course 公共学位课	Chinese 中文	4	1、2	School of Liberal Arts 文学院	Compulsory 必修
		Overview of China 中国文化概论	3	1	OEC	
	Basic Theory Course 基础理论课	Art History Studies 艺术史研究	2	1	School of Art 艺术学院	At least 5 credits 至少 5 学分
		Art Theory and Method of Research 艺术理论及方法研究	3	1		
		Psychology in Art 艺术心理学	2	1		
	Core Specialized Degree Courses 核心专业学位课	Chinese Folk Arts 中国民间艺术	3	1	School of Art 艺术学院	Compulsory 必修
	Non-de gree course 非学位 课	Specialized Elective Courses 专业选修课	Media Art and Creative Industry Services 媒体艺术与创意产业服 务	2	1-3	School of Art 艺术学院
Art styles and genres 艺术风格与流派			2	1-3		
Research and Reading on Literature of Artistic 艺术学经典论著研读			2	1	School of Art 艺术学院	At least 2 credits 至少 2 学分
Literature study and Paper writing 文献研读及论文写作			2	1		
Art Appraisal and Collection 艺术鉴赏			2	2	A Study on the Art of Chinese Painting 中国绘画艺术专 题研究 School of Art 艺术学院	Choose 1 module for 6 credits 选一个模 块 6 学分
Chinese Painting from Life and Copying Research 中国画写生与经典临摹 研究			2	2		
Practice of Chinese Painting Art 中国绘画艺术专题实践			2	2		
Art Appraisal and Collection 艺术鉴赏			2	2	A Study on the Art of Calligraphy in China 中国书法艺术专 题研究 School of Art	
Calligraphy Copy and Classical Reading 书法临摹与经典研读			2	2		

		Chinese Calligraphy Studies 书法艺术专题实践	2	2	艺术学院
		Design of Traditional Human Settlement Environment 传统人居环境设计研究	2	2	Study on the Design of Human Settlements in China 中国人居环境设计研究 School of Art 艺术学院
		Design of Contemporary Human Settlement Environment 当代人居环境设计研究	2	2	
		Design Practice of Contemporary Human Settlement Environment 当代人居环境设计实践	2	2	
		The research on Chinese Traditional Design Theory and its modern application 中国传统造物理论的现代应用研究	2	2	Research on the Modern Application of Chinese Traditional Creation Theory 中国传统造物理论的现代应用研究 School of Art 艺术学院
		Practical Application of Chinese Traditional Design Theory 中国传统造物理论的现代应用实践	2	2	
		Introduction Of Digital Culture Heritage And Inheritance 数字文化遗产保护及传承概论	2	2	Research on Digital Media and Cultural Inheritance 数字媒体与文化传承研究 School of Art 艺术学院
		Application of Digital Media Technology 数字媒体技术应用	2	2	
		Design Practice of VR/AR Technology and Culture Heritage Protect VR/AR 技术在文化遗产保护及传承中的设计实践	2	2	
		Research of Culture Creativity and Folk Art 文化创意与民艺学研究	2	2	Visual thinking and Creative Practice 视觉思维与创意实践 School of Art 艺术学院
		Research of Visual Communication Design and Theory 视觉传达设计及理论研究	2	2	
		Visual Thinking and Creative Practice 视觉艺术思维与创意实践	2	2	

	Public Elective Courses 公共选修课	All graduate programs in all disciplines throughout the school 全校所有学科的全部研究生课程	Selective 任选
--	-----------------------------------------	----------------------------------------------------------------------------------	-----------------

The graduate students of MFA should finish the required course credits that must be at least a total of 27 credits, and the credits for degree courses should be more than 15.