|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Courses in English at Master Level AY2019-2020** | | | | |
| **学院名称**  **College Name** | **课程名称**  **Course Title** | **学时**  **Contact Hours** | **学分**  **Credits** | **开课学期**  **Semester** |
| **经济学院**  **School of Economics** | 微观经济学 Microeconomics | 60 | 3 | 秋Autumn |
| 宏观经济学Macroeconomics | 60 | 3 | 秋Autumn |
| 货币金融学Monetary Finance | 32 | 2 | 秋Autumn |
| 汉语 Chinese | 160 | 4 | 秋Autumn |
| 国际商务专题International Business | 32 | 2 | 秋Autumn |
| 国际贸易实务International Trade Practice | 40 | 2 | 秋Autumn |
| 财务管理 Financial Management | 32 | 2 | 秋Autumn |
| 发展经济学专题 Topics in Development Economics | 32 | 2 | 秋Autumn |
| 世界经济  World economy | 32 | 2 | 秋Autumn |
| 国际贸易专题Topics in international trade | 32 | 2 | 秋Autumn |
| 计量经济学Econometrics | 60 | 3 | 春Spring |
| 环境经济学Environmental and Resources economics | 32 | 2 | 春Spring |
|  | | | | |
| **生命科学与技术学院**  **College of Life Science and Technology** | 高级医用生物学 Advanced medical biology | 32 | 2 | 秋Autumn |
| 发育生物学进展The Proceedings of Development Biology | 32 | 2 | 秋Autumn |
| 先进生物材料Advanced Biomaterials | 32 | 2 | 秋Autumn |
| 现代医学图像处理 Medical Image Analysis | 32 | 2 | 秋Autumn |
| 组织工程与人工器官 Tissue Engineering and Artificial Organs | 32 | 2 | 秋Autumn |
| 生物信息获取技术 Analytical Strategy for Bioinformatics | 32 | 2 | 秋Autumn |
| 细胞信号转导 Cell Signaling | 32 | 2 | 秋Autumn |
| 植物蛋白质组学 Plant Proteomics | 32 | 2 | 秋Autumn |
| 高等神经生物学 Advanced Neurobiology | 32 | 2 | 秋Autumn |
| 生物工程原理与技术 Biology Engineering Theory and Technology | 32 | 2 | 秋Autumn |
| 生物能源技术 Bioenergy | 32 | 2 | 秋Autumn |
| 分子遗传学进展 Advances in Molecular Genetics | 32 | 2 | 秋Autumn |
|  | | | | |
| **管理学院**  **School of Management** | 中国税制与税收筹划China's Tax System and Tax Planning | 32 | 2 | 秋Autumn |
| 生产运作管理Production and Operations Management | 40 | 2.5 | 秋Autumn |
| 企业战略管理Enterprise Strategic Management | 40 | 2.5 | 春Spring |
| 财务管理Financial Management | 40 | 2.5 | 春Spring |
| 决策理论与方法Decision Theory and Methodology | 40 | 2.5 | 秋Autumn |
| 管理信息系统Management Information Systems | 40 | 2.5 | 秋Autumn |
| 营销管理Marketing Management | 40 | 2.5 | 秋Autumn |
| 组织行为学Organization Behavior | 32 | 2 | 春Spring |
| 管理经济学Managerial Economics | 48 | 3 | 秋Autumn |
| 中国概况Introduction to China | 32 | 2 | 春Spring |
| 汉语Chinese | 160 | 4 | 秋Autumn |
|  | | | | |
| **土木工程与力学学院**  **College of Civil Engineering and Mechanics** | 中文Chinese Language/HSK | 160 | 4 | 秋Autumn |
| 中国概况A Survey of China | 40 | 2 | 春Spring |
| 土木工程中的数值方法Numerical Analysis in Civil Engineering | 32 | 2 | 春Spring |
| 高等土力学Advanced Soil Mechanics | 32 | 2 | 春Spring |
| 高等混凝土技术Advanced Concrete Technology | 32 | 2 | 秋Autumn |
| 预应力混凝土桥梁设计的概念与原理Concept and Principle of Prestressed Concrete Bridge Design | 32 | 2 | 春Spring |
| 地基处理技术Ground Improvement Techniques | 32 | 2 | 秋Autumn |
| 结构动力学Structural Dynamic | 32 | 2 | 春Spring |
| 边坡稳定性分析Analysis of Slope Stability | 32 | 2 | 春Spring |
| 结构抗震分析Seismic Analysis of Structures | 32 | 2 | 春Spring |
| 复合地基理论及应用  Theory and Application of Composite Foundation | 32 | 2 | 秋Autumn |
| 道路数值分析Numerical Analysis of Roads | 32 | 2 | 秋Autumn |
| 钢结构Steel Structures | 32 | 2 | 秋Autumn |
|  | | | | |
| **计算机科学与技术学院**  **School of Computer Science and Technology** | 汉语Chinese Language | 160 | 4 | 秋Autumn |
| 中国概况A Survey of China | 40 | 2 | 春Spring |
| 国际新生导入课International Students' Orientation Course | 16 | 1 | 春秋季Spring/Autumn |
| 面向对象的程序设计Object-Oriented Programming | 48 | 3 | 秋Autumn |
| 数据库系统设计与实现Database System Design and Implementation | 32 | 2 | 春Spring |
| 多媒体技术Multimedia | 32 | 2 | 秋Autumn |
| 高级操作系统Advanced Operating System | 32 | 2 | 春Spring |
| 人工智能Artificial Intelligence | 32 | 2 | 秋Autumn |
| 软件工程Software Engineering | 32 | 2 | 春Spring |
| 数字图像处理Digital Image Processing | 32 | 2 | 秋Autumn |
| 计算机图形学Computer Graphics | 32 | 2 | 春Spring |
|  | | | | |
| **化学与化工学院**  **College of Chemistry and Chemical Engineering** | 功能高分子Functional Polymer | 32 | 2 | 秋Autumn |
| 绿色化学前沿Frontier of Green Chemistry | 32 | 2 | 秋Autumn |
| 材料腐蚀电化学原理Corrosion principle and engineering | 32 | 2 | 秋Autumn |
| 现代光学分析技术Modern Optical Analytical Techniques | 32 | 2 | 秋Autumn |
| 有机化学前沿Frontiers in Organic Chemistry | 32 | 2 | 秋Autumn |
| 高分子科学前沿Frontiers in Polymer Science | 32 | 2 | 秋Autumn |
| 化学生物学前沿Frontiers in Chemical Biology | 32 | 2 | 秋Autumn |
|  | | | | |
| **公共管理学院**  **College of Public Administration** | 公共政策分析Public Policy Analysis | 32 | 2 | 秋Autumn |
| 公共经济学Public Economics | 32 | 2 | 秋Autumn |
| 人力资源管理Human Resource Management | 32 | 2 | 秋Autumn |
| 公共部门绩效评估Performance Review of Public Sectors | 32 | 2 | 秋Autumn |
| 土地经济与土地规划Land Economics and Land planning | 32 | 2 | 秋Autumn |
| 土地信息系统Land Information System | 32 | 2 | 秋Autumn |
| 中文Chinese Language | 160 | 4 | 秋Autumn |
| 关于城市发展和城市管理的具体问题Specific Issues on Urban Development and Urban Management | 32 | 2 | 秋Autumn |
| 阅读行政管理经典著作Reading of Classical Works in Administrative Management | 32 | 2 | 春Spring |
| 公共行政Public Administration | 32 | 2 | 春Spring |
| 电子政务E-government | 32 | 2 | 春Spring |
| 信息社会与公共政策部门Information Society and Public Policy Sectors | 32 | 2 | 春Spring |
| 房屋管理和房屋政策规划Housing Management and Housing Policy Planning | 32 | 2 | 春Spring |
| 中国概况Introduction of China | 32 | 2 | 春Spring |
|  | | | | |
| **能源与动力工程学院**  **College of Energy and Power Engineering** | 可再生能源概论Introduction to renewable energy | ≥32 | 2 | 秋Autumn |
| 可再生能源政策与管理Policy and management of renewable energy | ≥16 | 1 | 秋Autumn |
| 太阳能基础Fundamentals of solar energy | ≥32 | 2 | 秋Autumn |
| 风能基础Fundamentals of wind energy | ≥32 | 2 | 秋Autumn |
| 生物质能基础Fundamentals of biomass energy | ≥32 | 2 | 秋Autumn |
| 地热能基础Fundamentals of geothermic | ≥32 | 2 | 秋Autumn |
| 能源效率基础Fundamentals of energy efficiency | ≥32 | 2 | 秋Autumn |
| 电力基础和分布式发电系统与微网ls of electricity and distributed generation system and micro-grid | ≥32 | 2 | 秋Autumn |
| 太阳能技术Solar energy technology | ≥64 | 4 | 春Spring |
| 风能技术Wind energy technology | ≥64 | 4 | 春Spring |
| 生物质能技术Biomass energy technology | ≥64 | 4 | 春Spring |
| 地热能技术geothermic energy technology | ≥64 | 4 | 春Spring |
| 氢能和能源储存Hydrogen energy and energy storage | ≥64 | 4 | 春Spring |
| 电能效率Electrical energy efficiency | ≥64 | 4 | 春Spring |
| 热能效率 Thermal energy efficiency | ≥64 | 4 | 春Spring |
| 能源变换与并网控制Energy conversion and grid-connection control | ≥64 | 4 | 春Spring |
| 能源经济学与系统生命周期分析Energy Economics and system life cycle analysis | ≥32 | 2 | 春Spring |
|  | | | | |
| **机械科学与工程学院**  **College of Mechanical Science and Engineering** | 微纳测试技术Micronanoelectronic Test Technology | 32 | 2 | 秋Autumn |
| 数字信号分析理论与实践Theory and Practice of Digital Signal Analysis | 48 | 3 | 秋Autumn |
| 功能材料基础与应用Fundamentals and Applications of Functional Materials | 32 | 2 | 秋Autumn |
| 微机电系统封装技术基础Micro electromechanical Packaging Technology Foundation | 32 | 2 | 秋Autumn |
| 薄膜技术Thin Film Technology | 32 | 2 | 秋Autumn |
| 机器人操作系统Robot Manipulation Systems | 32 | 2 | 秋Autumn |
| 柔性电子器件与制造Flexible Electronic Device and Manufacturing | 32 | 2 | 秋Autumn |
| 生产计划与控制Production Planning and Control | 32 | 2 | 秋Autumn |
| 工程实验设计Design and Analysis of Engineering Experiments | 32 | 2 | 秋Autumn |
| 信息可视化设计Information Visualization Design | 32 | 2 | 秋Autumn |
| 物流系统控制Logistics System Management | 32 | 2 | 秋Autumn |
| 智能移动机器人Intelligent Mobile Robot | 32 | 2 | 秋Autumn |
| 精密机械设计Precision Machine Design | 32 | 2 | 秋Autumn |
| 供应链管理Supply Chain Management | 32 | 2 | 秋Autumn |
| 故障诊断学Fault Diagnostics | 32 | 2 | 秋Autumn |
| 通用设计Universal Design | 32 | 2 | 春Spring |
| 用户研究与体验设计User Research and Experience Design | 32 | 2 | 春Spring |
| 服务设计Design and Service | 32 | 2 | 春Spring |
|  | | | | |
| **电子信息与通信学院**  **College of Electronic Information and Communication** | 第一外语First foreign language | 64 | 4 | 秋Autumn |
| 随机过程Stochastic Processes | 32 | 2 | 秋Autumn |
| 数字通信系统Digital Communication | 64 | 4 | 秋Autumn |
| 高级数字信号处理Advanced Digital Signal Processing | 48 | 3 | 秋Autumn |
| 计算机网络Computer Network | 64 | 4 | 秋Autumn |
| 第一外语First foreign language | 64 | 4 | 春Spring |
| 移动通信系统Mobile Communication System | 40 | 2.5 | 春Spring |
| 自组织无线网络Self-organizing Wireless Network | 40 | 2.5 | 春Spring |
| 计算机网络安全Computer Network Security | 32 | 2 | 春Spring |
| 基础数字电子技术Fundamental Digital Electronic Technique | 48 | 3 | 春Spring |
| JAVA语言程序设计JAVA Language Program Designing | 48 | 3 | 春Spring |
|  | | | | |
| **材料科学与工程学院**  **College of Material Science and Engineering** | 增材制造技术Additive Manufacturing | 24 | 1.5 | 秋Autumn |
| 先进功能材料Advanced Functional Materials | 32 | 2 | 秋Autumn |
| 现代分析测试技术Modern Instrumental Methods of Analysis | 40 | 2.5 | 秋Autumn |
| 精密塑性成形理论及应用Precision Plastic Forming Theory And Application For Metals | 24 | 1.5 | 秋Autumn |
| 材料的微观尺度模拟Materials Simulation On The Nanoscale | 32 | 2 | 秋Autumn |