

7.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	Compulsory Subjects for All Students 公共必修	Overview of China 中国文化概论	3	1	Overseas Education College 海外教育学院	Compulsory 必修
		Chinese 汉语	4	1, 2	Overseas Education College 海外教育学院	
	Fundamental Theories 基础理论	Mathematic Statistics 数理统计	2	1	School of Finance 财经学院	Choose at least two 至少选 2 门
		Numerical analysis 数值分析	2	1	Faculty of Science 理学院	
		Matrix theory 矩阵论	2	1	Faculty of Science 理学院	
		Experiment in modern instrumental analysis 现代仪器分析实验	2	2	School of the Environment and Safety Engineering 环境与安全工程学院	Compulsory 必修
		Seminar 学术报告	2	1,2	School of the Environment and Safety Engineering 环境与安全工程学院	
	Professional Foundation or Specialized Courses 专业基础	Modern Environmental biology 现代环境生物学	2	1	School of the Environment and Safety Engineering 环境与安全工程学院	Choose at least two 至少选 2 门
		Advanced environmental analytical chemistry 现代环境分析化学	2	1	School of the Environment and Safety Engineering 环境与安全工程学院	
		Progress in water pollution control 水污染控制进展	2	1	School of the Environment and Safety Engineering 环境与安全工程学院	
		Environmental molecular biology 环境分子生物学	2	2	School of the Environment and Safety Engineering 环境与安全工程学院	
		Environmental microbiology 环境微生物学	2	2	School of the Environment and Safety Engineering 环境与安全工程学院	
		Environmental ecology 环境生态学	2	2	School of the Environment and Safety Engineering 环境与安全工程学院	

Specialized Elective Courses 专业选修课		Advanced Environmental Chemistry 高等环境化学	2	2	School of the Environment and Safety Engineering 环境与安全工程学院	Choose at least two 至少 2 门
		Environmental remediation technology 环境修复技术	2	2	School of the Environment and Safety Engineering 环境与安全工程学院	
		Global environment challenges 全球环境挑战	2	2	School of the Environment and Safety Engineering 环境与安全工程学院	
		Environmental ethics 环境伦理学	2	2	School of the Environment and Safety Engineering 环境与安全工程学院	
		Advanced oxidation engineering 先进氧化技术	2	2	School of the Environment and Safety Engineering 环境与安全工程学院	
		Environmental toxicology 环境毒理学	2	2	School of the Environment and Safety Engineering 环境与安全工程学院	
		Advanced Enzymology 高级酶学	2	2	School of the Environment and Safety Engineering 环境与安全工程学院	
		Development and utilization of energy plants 能源植物开发与利用	2	2	School of the Environment and Safety Engineering 环境与安全工程学院	
		Biotechnology in environmental science 环境微生物学与工程	2	2	School of the Environment and Safety Engineering 环境与安全工程学院	
Selective for All 公共选修课	Research and Information Literacy I 研究及信息素养 I	Literature Retrieval & Utilization 文献检索	1	1	Graduate School Overseas Education College 海外教育学院	Selective 任选
		Paper writing 论文写作	1	2		
	Research and Information Literacy II 研究及信息素养 II	Patent application 专业申请	1	2		