

## 2. 材料科学与工程 Material Science & 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 学位课程	Compulsory Subjects for Public 公共课	Overview of China 中国文化概论	2	1	Overseas Education College 海外教育学院	Compulsory 必修
		Chinese 汉语	3	1,2	Overseas Education College 海外教育学院	
	Fundamental Theories 基础理论	Mathematical model 数学模型	2	1	Faculty of Science 理学院	Choose at least one 至少选 1 门
		Advanced structural material chemistry 高等材料结构化学	2	2	School of Materials Science and Engineering(School of MSE) 材料学院	
	Professional Foundation or Specialized Courses 专业基础课	Advanced X-ray diffraction studies 先进 X 射线衍射分 析方法	2	2	School of Materials Science and Engineering(School of MSE) 材料学院	Choose at least one 至少选 1 门
		Materials Chemistry 材料化学	2	2	School of Materials Science and Engineering(School of MSE) 材料学院	
Specialized Elective Courses 专业选修课	Introduction to Energy Materials 能源材料导论	2	2	School of Materials Science and Engineering(School of MSE) 材料学院	Choose at least one 至少选 1 门	
	Functional Materials 功能材料	2	2	School of Materials Science and Engineering(School of MSE) 材料学院		
	Science of Composite Materials 复合材料学	2	2	School of Materials Science and Engineering(School of MSE) 材料学院		
	Nanomaterials and Nanotechnology 纳米材料与纳米加 工技术	2	2	School of Materials Science and Engineering(School of MSE) 材料学院		

		Chemical synthesis of inorganic materials 无机材料的化学合成	2	2	School of Materials Science and Engineering(School of MSE) 材料学院	
		The characterization in Bionanomaterials 生物纳米材料表征技术	2	2	School of Materials Science and Engineering(School of MSE) 材料学院	
		New Polymer materials 新型高分子材料	2	2	School of Materials Science and Engineering(School of MSE) 材料学院	
<b>Public Elective Courses</b> 公共选修课	<b>Research and Information Literacy I</b> 研究及信息素养课 I	Literature Retrieval & Utilization 文献检索	1	1	Graduate School Overseas Education College 研究生院 海外教育学院	Selective 任选
		Academic Writing 论文写作	1	2		
	<b>Research and Information Literacy II</b> 研究及信息素养课 II	Patent Application 专利申报	1	2		
<b>Scientific Frontiers &amp; Symposiums</b> 学术前沿及学术交流			1	1, 2	School of Materials Science and Engineering(School of MSE) 材料学院	