

1. 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	Compulsory Subjects for all Students 公共必修	Chinese 汉语	4	1,2	Overseas Education College 海外教育 学院	Compulsory 必修
		Overview of China 中国文化概论	3	1	Overseas Education College 海外教育 学院	
	Fundamental Theories 基础理论	Numerical analysis 数值分析	2	1	Faculty of Science 理学院	
		Mathematical statistics 数理统计	2	1	School of Finance 财经学院	
	Professional Foundation or Specialized Courses 专业基础	Advanced manufacturing technology 先进制造技术	2	2	School of mechanical Engineering 机械学院	Choose at least two 至少选 2 门
		Modern control theory 现代控制理论	2	2		
		Mechanical finite element theory and application 机械有限元理论及应用	2	2		
		Design and manufacture of memes 微机电系统设计与制造	2	2		
		Introduction to materials science 材料科学导论	2	1		
		Vehicle System Dynamics	2	2	School of automotive and traffic engineering 汽车学院	
		Vibration Analysis	2	2		
		Modern Control Theory	2	2		
	Specialized Elective Courses 专业选修课	Laser processing technology 激光加工技术	2	2	School of mechanical Engineering 机械学院	Choose at least two 至少选 2 门
		Rapid prototyping technology and its application 快速成形技术及其应用	2	2		
Material reinforcement and quality evaluation 材料强化与质量评定		2	2			
Digital design and manufacture		2	2			

		数字化设计与制造			School of automotive and traffic engineering 汽车学院	
		The mechanical structure finite element analysis 机械结构有限元分析	2	2		
		Vehicle Automatic Transmission Theory	2	2		
Elective 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 研究生院 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 专利申请	1	2		
Practical Procedure 实践环节		Special Practice 专业实践	2	2	School of mechanical engineering 机械工程学院	Selective 任选
Scientific Frontiers & Symposiums 学术前沿及学术交流			1	1,2		
Supplementary courses 补修课程						Entrance at least two completing the interdisciplinary or similar professional qualification 跨学科或同等学历入学至少补修 2 门