

11. 电气工程（电力电子与电力传动二级学科博士点） Electric Engineering (Power Electronics and Power Drives)

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	Mathematic Model 数学模型	2	1	Faculty of Science 理学院	
		Chaos theory 混沌理论	2	1	Faculty of Science 理学院	
	Professional Foundation or Specialized Courses 专业基础	Modern Power Electronic Theory and Technology 现代电力电子技术	3	2	School of Electrical and Information Engineering 电气信息工程学院	
Specialized Elective Courses 专业选修课		Modern AC speed regulation system 现代交流调速系统	2	2	School of Electrical and Information Engineering 电气信息工程学院	Choose at least one 至少选 1 门
		Digital control technology in motor 电机数字控制技术	2	2	School of Electrical and Information Engineering 电气信息工程学院	
Public Elective Courses 公共选修课	Research and Information Literacy I 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		
	Research and Information Literacy II 研究及信息素养课 II	Patent Application 专利申请	1	2		
Scientific Frontiers & Symposiums 学术前沿及学术交流			1	1, 2	School of Electrical and Information Engineering 电气信息工程学院	