4.控制科学与工程 Control Science & Engineering

Course Category		Course Name	Credit	Term	Course From the School	Remark
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 中文	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	Nonlinear control Theory 非线性控制理论	3	1	School of Electrical and Information Engineering 电气信息工程学院	At least one of them 至少一门
		Nonlinear functional analysis and its application 非线性泛函分析及其应用	3	1	Faculty of Science 理学院	
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	At least one of them 至少 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	
		计算机控制及其应用 Computer control and application	2	2	School of Electrical and Information Engineering 电气信息工程学院	
		Differential Equations with Numerical Methods 微分方程的数值解法	2	2	Faculty of Science 理学院	
		Random Image Processing Theory 随机图像处理理论	2	2	Faculty of Science 理学院	
		Complex Network Control and Modeling 复杂网络控制与建模	2	2	Faculty of Science 理学院	
		ODE and Dynamical system 常微分方程与动力系统	2	2	Faculty of Science 理学院	

		Nonlinear partial differential equation 非线性偏微分方程	2	2	Faculty of Science 理学院	
		Sobolev Space 索伯列夫空间	2	2	Faculty of Science 理学院	
		现代分析基础及其应用 Foundation of Modern Analysis and Its Application	2	2	Faculty of Science 理学院	
Public Elective Courses 公共选修课	Research and Information Literacy Ⅰ 研究及信息素养课（公共选修）Ⅰ	Literature Retrieval & Utilization 文献检索	2	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		
	Research and Information Literacy Ⅱ 研究及信息素养课（公共选修）Ⅱ	Patent Application 专利申报	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	