

5. 交通运输工程 Traffic 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 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		
	Fundamental Theories 基础理论	Mathematic Statistics 数理统计	2	1	School of Finance 财经学院	Choose any two 必修 2 门
		Matrix 矩阵论	2	1	Faculty of Science 理学院	
		Numerical Analysis 数值分析	2	1		
	Professional Foundation or Specialized Courses 专业基础或专业课	Traffic and transportation engineering 交通运输系统	3	1	The School of Automotive and Traffic Engineering 汽车与交通工程学院	Choose at least two 至少选 2 门
		Road vehicle system dynamics 道路车辆系统动力学	3	2	The School of Automotive and Traffic Engineering 汽车与交通工程学院	
		Traffic flow theory 交通流理论	3	1	The School of Automotive and Traffic Engineering 汽车与交通工程学院	
		Traffic control theory 交通控制理论	3	2	The School of Automotive and Traffic Engineering 汽车与交通工程学院	
	Specialized Elective Courses 专业选修课	Simulation in traffic system 交通系统仿真技术	2	2	The School of Automotive and Traffic Engineering 汽车与交通工程学院	Choose at least two 至少选 2 门
The urban traffic signal control system 城市交通信号控制系统		2	1	The School of Automotive and Traffic Engineering 汽车与交通工程学院		
Automotive technologies of energy-saving 车辆节能技术		2	2	The School of Automotive and Traffic Engineering 汽车与交通工程学院		
The third party logistics 第三方物流		2	2	The School of Automotive and Traffic Engineering 汽车与交通工程学院		

		ITS 智能交通系统	2	2	The School of Automotive and Traffic Engineering 汽车与交通工程学院	
		Traffic safety engineering 交通安全工程	2	2	The School of Automotive and Traffic Engineering 汽车与交通工程学院	
		Acquisition and processing technology of signal 信号采集与处 理技术	2	2	The School of Automotive and Traffic Engineering 汽车与交通工程学院	
		Road traffic and environment 道路车辆安全技术	2	2	The School of Automotive and Traffic Engineering 汽车与交通工程学院	
		Technology of Vehicle Tire 汽车轮胎学	2	2	The School of Automotive and Traffic Engineering 汽车与交通工程学院	
		Vehicle breakdown emergency call technology 车辆故障紧急呼救技 术	2	2	The School of Automotive and Traffic Engineering 汽车与交通工程学院	
Selective for All 公共选修 课	Research and Information Literacy 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	The School of Automotive and Traffic Engineering 汽车与交通工程学院	
Scientific Frontiers & Symposiums 学术前沿及学术交流			1	1, 2		