

English-Medium Master Programs			
No.	School Name	Major	Research Field
1	Highway School	Communication and Transportation Engineering	Highway and Airport Engineering
		Civil Engineering	Bridge Enigneering
			Geotechnical Engineering
			Tunnel Engineering
2	School of Construction Machinery	Mechanical Engineering	Mechanical Manufacturing and Automation
			Mechatronic Engineering
			Mechanical Design and Theory
			Construction Machinery
3	School of Economics and Management	Business Administration	Enterprise Management
			Marketing
			Tourism Management
		Management Science and Engineering	Logistics and Transportation Management
			Engineering Management
4	School of Electronics and	Communication and Transportation Engineering	Traffic Information Engineering and Control
			Control Theory and Control Engineering
			Testing Technology and Automation Devices

4	Control Engineering	Control Science and Engineering	Systems Engineering
			Module Identification and Intelligence System
			Navigation, Guide and Control
5	Information Engineering School	Information and Communication Engineering	Broadband wireless communication theory
			Information coding and confidential communication
			Traffic intelligent detection and information fusion
			Image intelligent perception and understanding
		Computer Science and Technology	Connected Vehicles and computing system
			Artificial Intelligence and Computer Vision
			Computer Network and Information Security
			Big Data and Service Computing
		Communication and transportation engineering	Traffic Information Engineering and Control
6	School of Geological Engineering and Geomatics	Geophysics	Solid Geophysics
			Space Physics
		Surveying and Mapping	Geodesy and Survey Engineering
			Cartography and Geographic Information Engineering
			Photographical Survey and Remote Sensing
			Safety Science and Systems Engineering

		Safety Science and Engineering	Safety Techniques
			Emergency and Safety Management
		Geological Resources and Geological Engineering	Geology Engineering
			Geodetection and Information Technology
7	School of Earth Science and Resources	Geology	Mineralogy, Petrology, Mineral Deposit Geology
			Geochemistry
			Paleontology and Stratigraphy (including Quaternary Geology)
			Tectonics Geology
			Geo-Information System
		Geological Resources and Geological Engineering	Mineral Resource Prospecting and Exploration
			Oil and Gas Field Geology and Development
8	School of Civil Engineering	Civil Engineering	Geotechnical Engineering
			Structural Engineering
			Disaster-Prevention & Reduction Engineering & Protection Engineering
9	School of Architecture	Architecture	Regional Architecture Design
			Architectural Heritage Protection
			Green Building Technology
			Urban Design

7	Architecture	Urban and Rural Planning	Theory and Method of Urban and Rural Planning Urban and Rural Development History and Heritage Protection Urban Land Use and Transportation Planning Urban and Rural Ecological Planning and Technology
10	School of Water and Environment	Chemical Engineering and Technology	Development and application of functional materials High-value utilization of chemical and biological resources Environmental pollution repair by chemical engineering technology
		Environmental Science and Engineering	Wastewater treatment and resource utilization Hydro-ecological environment evolution and regulation in arid regions Air pollution control Soil-groundwater pollution and remediation Environmental energy and new material
		Hydraulic Engineering	Sustainable development and efficient utilization of water resources in arid regions Groundwater resources and their environmental impact Hydrological ecology and water security Hydrogeochemical process and their health effects Seepage in loose and the prevention of water and soil disaster
		Vehicle Engineering	Vehicle Engineering

11	School of Automobile	Communication and Transportation Engineering	Vehicle Operation Engineering
		Intelligent Vehicle Engineering	Intelligent Vehicle Engineering
12	School of Materials Science and Engineering	Materials Science and Engineering	Mechanical Engineering Materials
			Material Processing Engineering
			Material Physics and Chemistry
			Materials Science
13	School of Land Engineering	Land Resource Management	Land Resource Management
		Geography	Cartography and Geography Information System
		Land Engineering	Land Engineering
14	College of Transportation Engineering	Communication and Transportation Engineering	Transportation Engineering
			Transportation planning and management
15	School of Marxism	Marxist Theory	The Basic Principles of Marxism
			Study on the Sinicization of Marxism (State Governance Model of China)
16	School of Energy and Electrical Engineering	Electrical Engineering	Electrical Engineering
		Power Engineering and Engineering Thermophysics	Power Engineering and Engineering Thermophysics
17	School of Foreign Studies	Foreign Language and Literature	Foreign Linguistics & Applied Linguistics
			Translation