School	Program Name	Research Directions	Intake	Duration (Year)	Teaching Language	Tuition (CNY/Year)
School of Atmospheric Sciences	Meteorology★	01 Dynamics of Atmospheric Circulation Anomalies	September	3/2	Chinese/ English	20000
		02 Monsoon and Air-sea-land Interaction				
		03 Typhoon and Meso-micro Scale Meteorology				
		04 Data Assimilation and Numerical Forecasting				
		05 Climatic Numerical Modeling				
		06 Weather Forecast Theory and Method				
		07 Short-term Climate Prediction				
		08 Climate Change and Regional Response				
School of Ecology and Applied Meteorology	Applied Meteorology★	01 Agricultural and Forest Meteorology	September	3/2	Chinese/ English	20000
		02 Urban Meteorology				
		03 Intelligence Meteorology				
		04 Meteorological Disaster Prevention and Mitigation				
		05 Land-Atmosphere Exchange				
	Ecology★	01 Ecosystem Ecology	September	3/2	Chinese/ English	20000
		02 Plant Ecology				
		03 Climate Change Ecology				
		04 Restoration Ecology				
		05 Microbial Ecology				
	Agricultural Resources and Environment	01 Pedology	September	3	Chinese	20000
		02 Plant Nutrition				
		03 Agroecology and Climatic Meteorology				
		04 Information Technology and Smart Agriculture				

School	Program Name	Research Directions	Intake	Duration (Year)	Teaching Language	Tuition (CNY/Year)
School of Atmospheric Physics	Atmospheric Physics and Atmospheric Environment ★	01 Cloud and Precipitation Physics and Weather Modification	September	3/2	Chinese/ English	20000
		02 Atmospheric Environment and Numerical Modeling				
		03 Atmospheric Composition and Climate Change				
		04 Atmospheric Boundary Layer and Urban Meteorology				
		05 Low-Altitude Meteorological Technology and Engineering				
	Atmospheric Remote Sensing and Atmospheric Sounding	01 Atmospheric Radiation and Study on Mechanism of Remote Sensing	September	3	Chinese	20000
		02 Study on Radar Meteorology				
		03 Study on Satellite Meteorology				
		04 Remote sensing and applications of Atmospheric Laser				
		05 Study on New Equipment of Atmospheric Sounding				
	Space Weather	01 Habitability of Planets	September	3	Chinese	20000
		02 Solar-Terrestrial Energy Coupling Process				
		03 Space Weather Forecasting				
		04 Space Weather and Weather-Climate Studies				
School of Geographical Sciences	Geography	01 Physical Geography	September	3	Chinese	20000
		02 Cartography and Geographic Information System				
		03 Human Geography				
		04 Geographical Environment Remote Sensing				
		05 Environment and Disaster Geography				
	3S Integration and Meteorological Applications	01 Climate Change and Regional Response	September	3	Chinese	20000
		02 Natural Disaster Monitoring and Assessment				
		03 Remote Sensing and Simulation of Terrestrial Atmospheric Process				
		04 GIS and Meteorological Application				
		05 Quantitative Remote Sensing and Meteorological Application				

School	Program Name	Research Directions	Intake	Duration (Year)	Teaching Language	Tuition (CNY/Year)
School of Remote Sensing & Geomatics Engineering	Surveying and Mapping Science and Technology	01 Geodesy and Surveying Engineering	September	3	Chinese	20000
		02 Photogrammetry and Remote Sensing				
		03 Cartography and Geographic Information Engineering				
		04 3S Integration and Application				
		05 Satellite Navigation and Positioning				
	Remote Sensing Science and Technology	01 Remote Sensing Science	September	3	Chinese	20000
		02 Remote Sensing Detection Technology				
		03 Atmospheric Remote Sensing Technology and Applications				
		04 Ecological Environment Remote Sensing				
School of Hydrology and Water Resources	Hydraulic Engineering★	01 Climate Change and Water Cycle	September	3/2	Chinese/ English	20000
		02 Eco-hydrology and Protection of Water Environment				
		03 Water Resources System Theory and Efficient Utilization				
		04 Hydrological Uncertainty Theory and its Application				
		05 Evaluation and Prevention of Hydrometeorological Disasters				
	Hydrometeorology★	01 Hydrometeorological Monitoring and Ensemble Forecast	September	3/2	Chinese/ English	20000
		02 Hydrological Climate and Global Change Response				
		03 Research and Development of Land Surface Hydrology and Earth System Model				
		04 Ecological Hydrology and Ecological Meteorology				
		05 Energy-Water-Environment Sustainability				
School of Marine Sciences	Physical Oceanography★	01 Physical Oceanography	September	3/2	Chinese/ English	20000
		02 Ocean Remote Sensing				
	Marine Biology	01 Marine Chemistry	September	3	Chinese	20000
		02 Marine Biology				
		03 Marine Geology				

School	Program Name	Research Directions	Intake	Duration (Year)	Teaching Language	Tuition (CNY/Year)
School of Environmental Science and Engineering	Environmental Science and Engineering★	01 Atmospheric Environment and Pollution Control	September	3/2	Chinese/ English	20000
		02 Environmental Chemistry				
		03 Water Environment Pollution Control				
		04 Ecomaterials				
		05 Environmental Ecological Engineering				
School of Automation	Control Science and Engineering	01 Big Data Analysis and Pattern Recognition	September	3	Chinese	20000
		02 Intelligent Sensing and Detection Technology				
		03 Intelligent Control and Robot Technology				
		04 Electrical Automation and New Energy Technology				
	Lightning Science and Technology	01 Lightning physics	September	3	Chinese	20000
		02 Lightning detection technology				
		03 Lightning early warning and forecasting technology				
		04 Lightning protection and product development technology				
		05 Lightning electromagnetic pulse protection technology				
	Low-Altitude Technology and Engineering	01 Low-Altitude Intelligent Navigation Technology	September	3	Chinese	20000
		02 Low-Altitude Safety Assurance Technology				
		03 Low-Altitude Refined Networked Meteorological Detection Technology				
		04 Flight Test and Performance Evaluation				
School of Artificial Intelligence	Artificial Intelligence★	01 Virtual Reality and Computer Vision	September	3/2	Chinese/ English	20000
		02 Big Data Technology and Perceptive Intelligence				
		03 Intelligent Meteorology and Intelligent Algorithms				
		04 Multimodal Medical Data Processing and Intelligent Instruments				
		05 Intelligent Sensing and Communication Systems				

School	Program Name	Research Directions	Intake	Duration (Year)	Teaching Language	Tuition (CNY/Year)
School of Electronics & Information Engineering	Information and Communication Engineering★	01 Modern Signal and Information Processing	September	3/2	Chinese/ English	20000
		02 Radar System				
		03 Instrument and Metering Technology				
		04 Communication Technology				
		05 Microelectronic Technology and Photoelectric Signal Processing				
		06 Electromagetic Filed and Microwave Technology				
	Electronic Science and Technology	01 Microelectronics	September	3	Chinese	20000
		02 Photoelectron				
		03 Electromagnetic Field and Electromagnetic Wave				
		04 Circuits and Systems				
School of Integrated CircuitsSchool of Integrated Circuits	Integrated Circuit Science and Engineering	01 Integrated Nanoelectronics Science	September	3	Chinese	20000
		02 Integrated Circuit Design and Design Automation				
		03 Integrated Circuit Manufacturing Engineering				
School of Computer Science, School of Software	Computer Science and Technology★	01 Intelligent Data Analysis	September	3/2	Chinese/ English	20000
		02 Computer Networks & System Architecture				
		03 Computer Software and Theory				
		04 Meteorological Information Technology				
	Software Engineering	01 Software Theory and Service Computing	September	3	Chinese	20000
		02 Distributed Data Storage				
		03 Cloud Services and Edge Intelligence				
		04 Embedded Software Technology				
		05 Quantum Computing				

School	Program Name	Research Directions	Intake	Duration (Year)	Teaching Language	Tuition (CNY/Year)
School of Cyber Science and Engineering	Cyberspace Security	01 Media Content Security	September	3	Chinese	20000
		02 Digital Forensics and Information Hiding				
		03 Blockchain and Data Security				
		04 System and Software Security				
		05 Artificial Intelligence Security				
School of Physics and Optoelectronic Engineering	Optical Engineering	01 Photoelectric Information Universal Sensing and Interconnection	September	3	Chinese	20000
		02 Intelligent spectral information perception				
		03 Photoelectric Detection of Atmospheric Environment				
		04 Photoelectric Functional Materials and Devices				
	Optoelectronic Information Engineering	01 Optical Communication and Optical Information Processing	September	3	Chinese	20000
		02 Intelligent Processing of Spectral Information				
		03 Photoelectronic Detection Technology and Systems				
		04 Photoelectronic Sensing Materials and Devices				
School of Chemistry and Materials Science	Materials Science and Engineering★	01 Information Functional Materials	September	3/2	Chinese/ English	20000
		02 New Energy Materials and Devices				
		03 Material Design and Computation				
		04 Bio-optoelectronic Materials				
	Materials and Chemical Engineering	01 Materials for Environmental Physical Processes	September	3	Chinese	20000
		02 Materials for Environmental Chemical Applications				
		03 Materials for Pollutants Control and Remediation				
		04 Materials for Energy Pollution Control				

School	Program Name	Research Directions	Intake	Duration (Year)	Teaching Language	Tuition (CNY/Year)
School of Law and Public Administration, School of Emergency Management	Emergency Management	01 Grassroots Emergency Response and Resilient Communities	September	3	Chinese	20000
		02 Crisis Management and Public Opinion Handling				
		03 Comprehensive Risk Assessment and Zoning of Meteorological Disasters				
		04 Environmental Emergency Monitoring and Control				
		05 Meteorological Disaster Prevention, Mitigation, and Protection				
School of Management Science and Engineering	Finance★	01 Weather Derivatives	September	2	Chinese/ English	20000
		02 Quantitative Investment and Decision				
		03 The Big Data Finance				
		04 Finance Risk Management				
		05 Blockchain				
		06 Finance				
	Engineering Management★	01 Supply Chain Engineering Management	September	2	Chinese/ English	20000
		02 Meteorological and Environmental Engineering Management				
		03 Digital Economy and Emerging Industry Management				
	Digital Economy★	01 Digitalization of Industries	September	2	Chinese/ English	20000
		02 Data Element Market				
		03 Governance of the Digital Economy				
	Library and Information Studies★	01 Big data analytics	September	2	Chinese/ English	20000
		02 Information behavior				
		03 Patent analysis and technological forecasting				
		04 Digital humanities				

School	Program Name	Research Directions	Intake	Duration (Year)	Teaching Language	Tuition (CNY/Year)
School of Management Science and Engineering	Management Science and Engineering	01 Manufacturing Management Engineering	September	3	Chinese	20000
		02 Decision Theory, Methods and Applications				
		03 Financial Engineering				
		04 Climate and Environmental System Management				
		05 Information Management and Logistics Engineering				
School of Business	Business Management★	01 Corporate Governance	September	3/2	Chinese/ English	20000
		02 Accounting and Finance				
		03 Technology Economy and Management				
		04 Logistics and Supply Chain Management				
		05 Climate Change and Business Management				
	Applied Economics	01 Finance	September	3	Chinese	20000
		02 International Trade				
		03 Industrial Economics				
		04 Quantitative Economics				
		05 Climate Change Economics				
College of Liberal Arts	Chinese Language and Literature	01 Ancient Chinese Literature	September	3	Chinese	20000
		02 Modern and Contemporary Chinese Literature				
		03 Linguistics and Applied Linguistics				
		04 Literary Theory				
		05 Study of Chinese Classical Text				
	International Chinese Language Education	01 Chinese Language Theory and Application	September	3	Chinese	20000
		02 Chinese Language Teaching and Acquisition				
		03 Dissemination of Chinese Culture				

School	Program Name	Research Directions	Intake	Duration (Year)	Teaching Language	Tuition (CNY/Year)
College of Liberal Arts	English Language and Literature★	01 British and American Literature	September	3/2	Chinese/ English	20000
		02 Translatology				
		03 English Linguistics				
	Japanese Language and Literature	01 Research on Japenese Linguistics	September	3	Chinese	20000
		02 Research on Japenese Culture				
		03 Area and Country Studies				
	Russian Language and Literature	01 Comparative Study of Chinese and Russian Languages and Cultures	September	3	Chinese	20000
		02 Research on Chinese-Russian Translation				
		03 Chinese-Russian national research				
School of Art	Design	01 Digital Media Arts	September	3	Chinese	20000
		02 Environmental Design				

School	Program Name	Research Directions	Intake	Duration (Year)	Teaching Language	Tuition (CNY/Year)
School of Teacher Education	Discipline Teaching (English)★	01 English curriculum and textbooks	September	3/2	Chinese/ English	20000
		02 English teaching and learning methods				
		03 English classroom research				
		04 English teachers				
		05 English learners				
		06 Other issues related to English pedagogy				
	Modern Educational Technology★	01 The design of smart learning environments	September	3/2	Chinese/ English	20000
		02 Information and Communication Technology (ICT) teaching and learning				
		03 Intelligent education and learning analytics.				
	Mental Health Education★	01 Mental health education curriculum and instruction	September	3/2	Chinese/ English	20000
		02 Mental health assessment and intervention practices				
		03 Theory and practice of mental health quality-oriented education				
		04 Health education in the context of family, society, and ecological environment				
	Educational Management★	01 Management of school	September	3/2	Chinese/ English	20000
		02 Comparative education management				
		03 Higher education management				
		04 Sociology of education				