北京理工大学
BEIJING INSTITUTE OF TECHNOLOGY

2027/2028 学年北京理工大学留学研究生专业一览表
2027/2028 List of BIT International Students Graduate Programs

项目 Program	招生类别 Degree Level	授课语言 Instructional Language	研究方向 Research Field	学院 School	导师信息/学院信息 Supervisors' Information/ School's Information
航空宇航科学与技术 Aeronautics & Astronautics Science and Technology	硕士、博士 Master & Ph.D.	汉语、英语 Chinese & English	1. 飞行器总体设计 Aircraft Design 2. 飞行动力学与控制 Aerodynamics and Control 3. 航天器系统与自主技术 Spacecraft Systems and Autonomous Technologies 4. 宇航推进技术 Aerospace Propulsion Technology 5. 航空宇航制造及其自动化 Aerospace Manufacturing and Automation 6. 航天发射技术 Space Launch Technology	空天科学与技术学院 School of Aerospace Engineering	https://isc.bit.edu.cn/schools/ae/knowingprofessors/index.htm https://english.bit.edu.cn/
力学 Mechanics	硕士、博士 Master & Ph.D.	汉语、英语 Chinese & English	1. 一般力学 General Mechanics 2. 流体力学 Fluid Mechanics 3. 固体力学 Solid Mechanics	空天科学与技术学院 School of Aerospace Engineering 机电学院 School of Mechatronical Engineering	https://isc.bit.edu.cn/schools/ae/knowingprofessors/index.htm https://english.bit.edu.cn/ https://isc.bit.edu.cn/schools

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安全科学与工程 Safety Science and Engineering	硕士、博士 Master & Ph.D.	汉语、英语 Chinese & English	1. 系统安全理论与评价 Systematic Safety Theory and Evaluation 2. 危险物质及其安全性 Dangerous Substances and Safety Engineering 3. 灾害演化动力学 Disaster Evolution Dynamics 4. 安全监控与事故再现 Safety Monitoring and Accident Reconstruction 5. 工程安全与控制技术 Engineering Safety and control Technology	机电学院 School of Mechatronical Engineering	https://isc.bit.edu.cn/schools/me/knowinprofessors17/index.htm https://smen.bit.edu.cn/#
机械工程 Mechanical Engineering	硕士、博士 Master & Ph.D.	汉语、英语 Chinese & English	1. 车辆理论与无人车技术 Vehicle Theory and Unmanned Vehicle Technology 2. 智能网联汽车与电驱动 Intelligent Connected Vehicles and Electric Drive 3. 智能制造工程 Intelligent Manufacturing Engineering 4. 智能机器人与系统 Intelligent Robots and Systems 5. 机电系统与传感器 Electromechanical Systems and Sensors 6. 光机电微纳制造科学与工程	机电学院 School of Mechatronical Engineering 机械与车辆学院 School of Mechanical Engineering	https://isc.bit.edu.cn/schools/me/knowinprofessors17/index.htm https://smen.bit.edu.cn/# https://me-english.bit.edu.cn/people/faculty/index.htm https://me-english.bit.edu.cn/

			Opto-Electronics Micro-nano Fabrication Science and Engineering		
动力工程及工程热物理 Power Engineering and Engineering Thermophysics	硕士、博士 Master & Ph.D.	汉语、英语 Chinese & English	1. 工程热物理 Engineering Thermophysics 2. 动力机械及工程 Power Machinery and Engineering 3. 流体机械及工程 Fluid Machinery and Engineering 4. 能源环境工程 Energy and Environmental Engineering 5. 新能源科学与工程 New Energy Science and Engineering	机械与车辆学院 School of Mechanical Engineering	https://me-english.bit.edu.cn/people/faculty/index.htm https://me-english.bit.edu.cn/
光学工程 Optical Engineering	硕士、博士 Master & Ph.D.	汉语、英语 Chinese & English	1. 微光与超宽波段成像 Low-Light Level and Ultrabroad-Waveband Imaging 2. 混合现实与新型显示 Mixed Reality and Advanced Display 3. 光学设计、加工与检测 Optical Design, Manufacture and Testing 4. 光电探测、度量与对抗 Photoelectric Detection, Measurement and Countermeasure 5. 新型光电子器件与技术 Novel Optoelectronic Devices and Technologies 6. 信息光子技术 Photonic Information Technology	光电学院 School of Optics and Photonics	https://isc.bit.edu.cn/schools/optoelectronics/knowingprofessors18/index.htm https://opt.bit.edu.cn/

仪器科学与技术 Instrument Science and Technology	硕士、博士 Master & Ph.D.	汉语、英语 Chinese & English	1. 仪器总体设计与系统集成 Instrument Design and System Integration 2. 智能感测与新型成像 Intelligent Sensing and New Imaging Technologies 3. 光电测试技术及仪器 Precision Photoelectric Testing-Technology and Instruments 4. 先进光谱测量与探测 Advanced Spectral Measurement and Probing 5. 先进传感与精密仪器 Advanced Sensing and Precision Instrumentation	光电学院 School of Optics and Photonics	https://isc.bit.edu.cn/schools/optoelectronics/knowingprofessors18/index.htm https://opt.bit.edu.cn/
信息与通信工程 Information and Communication Engineering	硕士、博士 Master & Ph.D.	汉语、英语 Chinese & English	1. 通信系统理论与技术 Communication System Theory and Technology 2. 移动通信理论与技术 Mobile Communication Theory and Technology 3. 信号与图像处理 Signal and Imaging Processing 4. 信息处理理论与技术，信息安全与对策理论与技术 Information Processing Theory and Technology, Theory and Technology in Information Security and Countermeasures 5. 目标检测与识别理论与技术 Target Detection and Recognition Theory and Technology	信息与电子学院 School of Information and Electronics	https://isc.bit.edu.cn/schools/iae/knowinprofessors10/index.htm https://sie.bit.edu.cn
电子科学与技术	硕士、博士	汉语、英语	1. 射频技术与软件	集成电路与电子学院	https://isc.bit.edu.cn/schools

Electronics Science and Technology	Master & Ph.D.	Chinese & English	Radio Frequency Technology and Software 2. 微波与太赫兹技术 Microwave and Terahertz Technology 3. 智能电子信息系统 Intelligent Electronics Information System 4. 微电子学与固体电子学 Microelectronics and Solid State Electronics 5. 信号与图像处理 Signal and Image Processing	School of Integrated Circuits and Electronics	/IntegratedCircuitsandElectronics/KnowingtheProfessors/index.htm https://ice.bit.edu.cn
集成电路科学与工程 Integrated Circuit Science and Engineering	硕士、博士 Master & Ph.D.	汉语、英语 Chinese & English	1. 集成微纳电子科学 Integrated Micro-Nano Electronics Science 2. MEMS 与集成微系统 MEMS and Integrated Microsystems 3. 集成电路设计与先进封装 Integrated Circuit Design and Advanced Packaging 4. 柔性电子器件与智造 Flexible Electronic Devices and Intelligent Manufacturing	集成电路与电子学院 School of Integrated Circuits and Electronics	https://isc.bit.edu.cn/schools/IntegratedCircuitsandElectronics/KnowingtheProfessors/index.htm https://ice.bit.edu.cn
控制科学与工程 Control Science and Engineering	硕士、博士 Master & Ph.D.	硕士：英语 Master: English	1. 智能感知与运动控制 Intelligent Sensing and Motion Control 2. 模式识别与智能系统 Pattern Recognition and Intelligent Systems 3. 导航制导与控制	自动化学院 School of Automation	https://isc.bit.edu.cn/schools/automation/knowingprofessors2/index.htm https://ac.bit.edu.cn/

		博士：汉语、英语 Ph.D.: Chinese & English	Navigation, Guidance and Control 4. 控制理论与控制工程 Control Theory and Control Engineering 5. 智能信息处理与控制 Intelligent Information Processing and Control 6. 电气工程与控制 Electrical Engineering and Control		
计算机科学与技术 Computer Science and Technology	硕士、博士 Master & Ph.D.	英语 English	1. 语言智能与社会计算 Linguistic Intelligence and Social Computing 2. 图像计算与感知智能 Image Computing and Perceptual Intelligence 3. 高性能计算与体系结构 High Performance Computing and Architecture 4. 软件智能与软件工程 Software Intelligence and Software Engineering 5. 数据科学与知识工程 Data Science and Knowledge Engineering 6. 可视媒体计算 Visual Media Computing	计算机学院 School of Computer Science and Technology	https://isc.bit.edu.cn/schools/csat/knowingprofessors5/index.htm https://cs.bit.edu.cn/
网络空间安全 Cyberspace Science and Technology	硕士、博士 Master & Ph.D.	英语 English	1. 网络空间安全基础 Cyberspace Security Fundamentals 2. 密码学与应用 Cryptography and Application 3. 空天网络与安全通信 Space Network and Secure Communication 4. 信息安全与对抗	网络空间安全学院 School of Cyberspace Science and Technology	https://isc.bit.edu.cn/schools/SchoolofCyberspaceScienceandTechnology/KnowingtheProfessors20/index.htm https://cst.bit.edu.cn/

			Information Security and Confrontation		
材料科学与工程 Materials Science and Engineering	硕士、博士 Master & Ph.D.	汉语、英语 Chinese & English	1. 毁伤及防护材料 Mutilate and protective material 2. 先进材料成型理论与技术 Advanced Materials Molding Theory and Technology 3. 低维材料物理与化学 Low Dimensional Materials Physics and Chemistry 4. 功能高分子与阻燃材料 Functional Polymer and Flame Retardant Materials 5. 材料表面工程 Materials Surface Engineering 6. 含能材料 Energetic Materials 7. 能源与环境材料 Energy and Environmental Materials	材料学院 School of Materials Science and Engineering	https://isc.bit.edu.cn/schools/msae/knowingprofessors14/index.htm https://mse.bit.edu.cn
化学工程与技术 Chemical Engineering and Technology	硕士、博士 Master & Ph.D.	汉语、英语 Chinese & English	1. 化学电源与绿色催化 Chemical Power and Green Catalysis 2. 化学工程 Chemical Engineering 3. 应用化学 Applied Chemistry 4. 新药创制与绿色合成 Novel Drug Creation and Green Synthesis 5. 生物化工	化学与化工学院 School of Chemistry and Chemical Engineering	https://isc.bit.edu.cn/schools/ceae/knowingprofessors3/index.htm https://cce.bit.edu.cn/

			Biochemical Engineering		
化学 Chemistry	硕士、博士 Master & Ph.D.	汉语、英语 Chinese & English	1. 无机与材料化学 Inorganic and Materials Chemistry 2. 纳米与仿生化学 Nano and Biomimetic Chemistry 3. 有机与高分子化学 Organic and Polymer Chemistry 4. 现代分析化学与检测技术 Modern analytical chemistry and testing technology 5. 表界面化学与催化 Surface and Interface Chemistry and Catalysis 6. 理论与计算化学 Theoretical and computational chemistry	化学与化工学院 School of Chemistry and Chemical Engineering	https://isc.bit.edu.cn/schools/ceae/knowingprofessors3/index.htm https://cce.bit.edu.cn/
生物学 Biology	硕士、博士 Master & Ph.D.	汉语、英语 Chinese & English	1. 神经生物学 Neuroscience 2. 生物化学与分子生物学 Biochemistry & Molecular Biology 3. 微生物学 Microbiology 4. 生物分析检测技术 Cellular and Molecular Regulation Mechanisms and Applications	生命学院 School of Life Science	https://isc.bit.edu.cn/schools/lifescience/knowingprofessors12/index.htm http://ls.bit.edu.cn

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生物医学工程 Biomedical Engineering	硕士、博士 Master & Ph.D.	汉语、英语 Chinese & English	1. 脑科学与神经工程 Brain Science and Neuroengineering 2. 航天生物医学工程 Aerospace Biomedical Engineering 3. 激光医学与医用检测技术 Laser Medicine and Medical Detection 4. 医学影像技术 Medical Imaging and Image Processing 5. 医学材料与再生医学 Medical Materials and Regenerative Medicine 6. 先进医学技术 Advanced Medical Technology	医学技术学院 School of Medical Technology	https://isc.bit.edu.cn/schools/MedicalTechnologyblk/Knowingthprofessorsblk/index.htm http://smt.bit.edu.cn
数学 Mathematics	硕士 Master	汉语 Chinese	1. 代数及其表示 Algebra and representation theory 2. 几何、拓扑与分析 Geometry, topology and analysis 3. 微分方程理论及其应用 Differential equations and their applications 4. 图论与组合优化 Graph theory and combinatorial optimization 5. 计算几何力学与控制 Computation, mechanics and control theory	数学与统计学院 School of Mathematics and Statistics	https://isc.bit.edu.cn/schools/mathematics/knowingprofessors15/index.htm https://math.bit.edu.cn

物理学 Physics	硕士、博士 Master & Ph.D.	汉语、英语 Chinese & English	1. 理论物理 Theoretical Physics 2. 凝聚态物理 Condensed Matter Physics 3. 光学 Optics 4. 计算物理 Computational physics	物理学院 School of Physics	https://isc.bit.edu.cn/schools/physics/knowingprofessors19/index.htm https://physics.bit.edu.cn
管理科学与工程 Management Science and Engineering	硕士、博士 Master & Ph.D.	硕士：汉语 Master: Chinese 博士：英语 Ph.D.: English	1. 决策理论与方法 Decision-Making Theory and Methods 2. 信息管理与信息系统 Information Management and Information Systems 3. 资源环境系统与工程管理 Resource and Environmental System and Engineering Management, 4. 知识管理与创新管理 Knowledge Management and Innovation Management 5. 系统可靠性与风险管理 System Reliability and Risk Management 6. 国民经济动员理论与方法 Defense Mobilization Theory and Methods	管理学院 School of Management	https://isc.bit.edu.cn/schools/mae/knowingprofessors13/index.htm https://som.bit.edu.cn/English/

工商管理学 Business Administration	硕士、博士 Master & Ph.D.	硕士：汉语 Master: Chinese 博士：英语 Ph.D.: English	1. 军民融合与组织创新 Military and Civilian Integration and Organization Innovation 2. 技术经济及管理 Technological Economics and Management 3. 创新管理与可持续发展 Innovation Management and Sustainable Development 4. 组织行为与人力资源管理 Organizational Behavior and Human Resource Management 5. 市场营销 Marketing 6. 会计与财务管理 Accounting and Financial Management	管理学院 School of Management	https://isc.bit.edu.cn/schools/mae/knowingprofessors13/index.htm https://som.bit.edu.cn/English/
工商管理硕士（MBA） Master of Business Administration	硕士 Master	汉语、英语 Chinese & English	N/A	管理学院 School of Management	https://isc.bit.edu.cn/schools/mae/knowingprofessors13/index.htm https://som.bit.edu.cn/English/
工程管理硕士 Master of Engineering Management	硕士 Master	汉语 Chinese	1. 能源与碳中和管理 Energy and Carbon Neutral Management 2. 项目管理 Project Management 3. 大数据与信息工程管理	管理学院 School of Management	https://isc.bit.edu.cn/schools/mae/knowingprofessors13/index.htm https://som.bit.edu.cn/English

			Big Data and Information Engineering Management 4. 装备工程管理 Equipment Engineering Management		/
国民经济动员学 National Economy Mobilization	硕士、博士 Master & Ph.D.	汉语、英语 Chinese & English	1. 国民经济动员管理决策的理论与方法 Theory and Methods of National Economy Mobilization Management Decision Making 2. 国民经济动员信息管理与信息系统 National Economy Mobilization Information Management and Information System 3. 国民经济动员与危机管理 National Economy Mobilization and Crisis Management 4. 动员物流理论与方法 Mobilization Logistics Theory and Methods	管理学院 School of Management	https://isc.bit.edu.cn/schools/mae/knowingprofessors13/index.htm https://som.bit.edu.cn/English/
公共管理学 Public Administration	硕士、博士 Master & Ph.D.	汉语、英语 Chinese & English	N/A	国际组织创新学院 School of Global Governance	https://isc.bit.edu.cn/schools/mae/knowingprofessors13/index.htm https://sgg.bit.edu.cn/
法学 Law	博士 Ph.D.	汉语、英语 Chinese & English	N/A		
应用经济学 Applied Economics	硕士、博士 Master & Ph.D.	汉语、英语 Chinese & English	1. 数字金融和科技金融 Digital Finance and Technology Finance 2. 国际贸易与全球价值链 International Trade and Global Value Chains 3. 能源经济与生态经济 Energy Economy and Ecological Economy	经济学院 School of Economics	https://isc.bit.edu.cn/schools/Economics1/KnowingtheProfessors333/index.htm https://soe.bit.edu.cn/

			4. 数字经济与计量经济学理论应用 Digital Economy and Econometric Theory Application 5. 低空经济和国防经济 Low Altitude Economy and Defense Economy		
理论经济学 Theoretical Economics	硕士、博士 Master & Ph.D.	汉语 Chinese	1. 政治经济学 Political economy 2. 资源与环境经济学 Resource and environmental economics 3. 西方经济学 Western economics 4. 世界经济 World economy 5. 中国经济学 Chinese economics	经济学院 School of Economics	https://isc.bit.edu.cn/schools/Economics1/KnowingtheProfessors333/index.htm https://soe.bit.edu.cn/
教育学 Education	硕士、博士 Master & Ph.D.	硕士：汉语 Master: Chinese 博士：汉语、英语 Ph.D.: Chinese & English	1. 高等教育 Higher education 2. 教育经济与管理 Economics and management of education 3. 研究生教育学 Graduate education 4. 教育技术学	教育学院 School of Education	https://isc.bit.edu.cn/schools/Educationblk/Knowingtheprofessorsblk/index.htm https://se.bit.edu.cn/

			Educational technology 5. 教育学原理 Pedagogical principal 6. 教育、文化与社会 Education-culture and society		
法学 Law	硕士、博士 Master & Ph.D.	汉语、英语 Chinese & English	1. 国际法学（特别是国际空间法） International law (especially space law)	法学院 School of Law	https://isc.bit.edu.cn/schools/law/knowingprofessors11/index.htm https://law.bit.edu.cn
国际中文教育 International Chinese Language Education	硕士 Master	汉语 Chinese	N/A	外国语学院 School of Foreign Languages	https://isc.bit.edu.cn/schools/foreignlanguages/knowinprofessors8/index.htm https://english.bit.edu.cn/schoold/a186892.htm
设计学 Design	硕士、博士 Master & Ph.D.	汉语 Chinese	1. 工业设计及理论 Industrial Design and Theory 2. 视觉传达设计 Visual Communication Design 3. 艺术创新设计及理论 Artistic Innovation Design and Theory	设计与艺术学院 School of Design and Arts	https://isc.bit.edu.cn/schools/daa/knowingprofessors6/index.htm https://design.bit.edu.cn/