



Introduction to the University of Science and Technology Beijing

Officially founded in 1952, known first as the Beijing Institute of Iron and Steel Technology, USTB traces its roots back to 1895 when the first mining and metallurgy disciplines in the history of modern China were founded at the Beiyang Western Academy. USTB is one of the first institutions of higher education in the country to establish a formal graduate school in 1984. In May 1997, USTB joined the national “211 Project”. In 2006, USTB was selected to be part of the “985 Project” for the Platform of National Advanced Disciplines Innovation. In 2017, USTB was selected as a “National Double First-Class” university. USTB’s four key disciplines (Metallurgical Engineering, Materials Science and Engineering, Mining Engineering, History of Science and Technology) are well-known at the national and international academic level. In the QS, US News and ARWU rankings, the university is among the top 500 universities in the world, and the top 300 universities in the ARWU rankings in 2020. Today, the teachers and students of USTB are in full of confidence of the development of China, and are working together toward the goal of "building USTB into a distinctive, first-class, internationally renowned high-level research university".

USTB greatly values and will forever cherish its long tradition of being “Rigorous in Learning and Research, and Venerating Practice”. Over 200,000 graduates are contributing to society all over the world; most of them have become professionals and joined our national elites in the fields of politics, economics, science, engineering and education. As metallurgy and materials science are the two disciplines for which it is most renowned, USTB is also known as “the cradle of iron and steel engineers”.

USTB has maintained close collaboration with nearly 130 local communities, extending the university’s social responsibility and developing further opportunities for worldwide enterprises in research, academic and educational fields. It has so far entered into partnership with over 180 foreign universities and institutes from different countries in Europe, North America, and Asia.

USTB is committed to the motto “Seeking Truth and Endorsing Innovation” and is now working hard towards its goal of becoming one of the top-ranking research universities in China and an internationally renowned higher education institute with its own distinguishing characteristics. While retaining its current leading position in metallurgy and materials sciences, it is also making great efforts to develop other areas and to achieve a balanced disciplinary structure in engineering and technology, science, management, economics, social sciences, humanities and law in the near future.

Schools and Departments

土木与资源工程学院: School of Civil and Resources Engineering

- 资源工程系: Department of Resources Engineering
- 土木工程系: Department of Civil Engineering
- 安全科学与工程系: Department of Safety Science and Engineering
- 矿物加工工程系: Department of Mineral Processing Engineering
- 应用力学研究所: Institute of Applied Mechanics
- 建筑环境与能源工程系: Department of Building Environment and Energy Engineering

冶金与生态工程学院: School of Metallurgical and Ecological Engineering

- 钢铁冶金系 Department of Ferrous Metallurgy
- 有色金属冶金系 Department of Non-ferrous Metallurgy
- 物理化学系 Department of Physical Chemistry of Metallurgy
- 生态科学与工程系 Department of Ecological Science and Engineering

材料科学与工程学院: School of Materials Science and Engineering

- 材料学系: Department of Materials Science and Engineering
- 材料加工与控制工程系: Department of Materials Processing and Control Engineering
- 无机非金属材料系: Department of Inorganic Non-metallic Materials
- 材料物理与化学系: Department of Material Physics and Chemistry
- 核能与新兴能源系统材料研究所: Institute of Nuclear Materials (INM)
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机械工程学院: School of Mechanical Engineering

- 机械工学系: Department of Mechanical Engineering
- 机械制造及自动化系: Department of Mechanical Manufacturing and Automation
- 机械电子工程系: Department of Mechatronic Engineering
- 机械装备及控制工程系: Department of Mechanical Equipment and Control Engineering
- 车辆工程系: Department of Vehicle Engineering
- 物流工程系: Department of Logistics Engineering
- 工业设计系: Department of Industrial Design
- 零件轧制中心: Part Rolling Research Center
- 智能机器人创新研究院(挂靠): Innovation Institute for Intelligent Robot, USTB (Affiliated)

能源与环境工程学院: School of Energy and Environmental Engineering

- 能源与动力工程系: Department of Thermal Science and Energy Engineering
- 环境工程系: Department of Environmental Engineering

自动化学院: School of Automation and Electrical Engineering

- 控制科学与工程系: Department of Control Science and Engineering
- 仪器科学与技术系: Department of Instrumental Science and Technology
- 智能科学与技术系: Department of Intelligent Science and Technology
- 电工电子技术系: Department of Electrical and Electronic Technology
- 自动控制研究所: Institute of Automatic Control

- 导航与控制研究所: Institute of Navigation and Control

计算机与通信工程学院: School of Computer and Communication Engineering

- 计算机科学与技术系: Department of Computer Science and Technology
- 通信工程系: Department of Communications Engineering
- 物联网与电子工程系: Department of Internet of Things and Electronic Engineering
- 信息基础科学系: Department of Information Basic Sciences
- 软件工程与网络空间安全研究所: Institute of Software Engineering and Cyberspace Security

数理学院: School of Mathematics and Physics

- 应用数学系: Department of Applied Mathematics
- 信息与计算科学系: Department of Information and Computer Science
- 物理系: Department of Physics
- 应用力学系: Department of Applied Mechanics
- 应用物理系: Department of Applied Physics
- 现代物理技术研究中心: Modern Physics Technology Research Center
- 应用物理研究所: Institute of Applied Physics
- 应用数学研究所: Institute of Applied Mathematics

化学与生物工程学院: School of Chemistry and Biological engineering

- 化学与化学工程系: Department of Chemistry and Chemical Engineering
- 生物科学与工程系: Department of Bioscience and Bioengineering
- 生物与农业研究中心: Biology and Agriculture Research Center, USTB
- 生物工程与传感技术研究中心（挂靠）: Research Center for Bioengineering and Sensing Technology (Affiliated)
- 精准医疗与健康研究院（挂靠）: Academy of Precision Medicine and Health (Affiliated)

东凌经济管理学院: Donlinks School of Economics and Management

- 管理科学与工程系: Department of Management Science and Engineering
- 工程管理与技术经济系: Department of Engineering Management and Technology Economics
- 工商管理系: Department of Business Administration
- 财务与会计系: Department of Finance and Accounting
- 经济贸易系: Department of Economics and Trade
- 金融工程系: Department of Financial Engineering
- 钢铁生产制造执行系统技术教育部工程研究中心 Engineering Research Center of MES Technology for Iron & Steel Production, Ministry of Education
- 北京企业低碳运营战略研究基地 Strategic Research Base for the Low-carbon Operation of Beijing Enterprises
- 期货证券研究中心 Research Center of Futures and Securities
- 大数据与系统科学研究所 Institute of Big Data and System Science
- 管理科学研究所 Institute of Management Science
- 电子商务研究所 E-commerce Institute

- 企业与产业发展研究所 Institute of Enterprise and Industry Development
- 本科教学中心: Undergraduate Education Center
- 研究生教学中心: Graduate Education Center
- MBA 中心: MBA Center
- EMBA 中心: EMBA Center
- 中美 EMBA 中心: USTB-UTA EMBA Center
- MPAcc 中心: MPACC Center
- 高管培训中心: Executive Development Center

文法学院: School of Humanities and Social Science

- 公共管理系: Department of Public Administration
- 法律系: Department of Law
- 社会学系: Department of Sociology
- MPA 教学管理中心: MPA Education Center
- 法律硕士教学管理中心: Juris Master (JM) Education Center 社会工作专业硕士教学管理中心: Master of Social Work Education Center
- 教育经济与管理研究所: Institute of Education Economics and Management
- 知识产权研究中心: Intellectual Property Research Center
- 人文素质教育中心 (挂靠): Humanistic Quality Education Center (Affiliated)

马克思主义学院: School of Marxism Studies

- 思想政治教育研究所: Institute of Ideological Education
- 马克思主义基本原理研究所: Institute of Basic Marxist Philosophy
- 马克思主义中国化研究所: Institute of the Sinicization of Marxism
- 历史与文化研究所: Institute of History and Culture
- 科技与社会研究所: Institute of Science, Technology and Society

外国语学院: School of Foreign Studies

- 英语语言文学系: Department of English Language and Literature
- 大学英语系: Undergraduate English Department
- 研究生英语系: Graduate English Department
- 日语语言文学系: Department of Japanese Language and Literature
- 外国语言文学研究所: Institute of Foreign Languages and Literature
- 德语语言文学系: Department of German Language and Literature
- 功能语言学研究中心: Center for Functional Linguistics
- 当代语言科学研究中心: Contemporary Language Science Research Center
- 世界文学文化研究中心: Research Center for World Literature and Culture

高等工程师学院: School of Advanced Engineering

- 采矿工程 (卓越计划): Mining Engineering (Excellence Program)
- 冶金工程 (卓越计划): Metallurgical Engineering (Excellence Program)
- 材料科学与工程 (卓越计划): Material Science and Engineering (Excellence Program)
- 机械工程 (卓越计划): Mechanical Engineering (Excellence Program)
- 能源与动力工程 (卓越计划): Energy and Power Engineering (Excellence Program)

- 自动化（卓越计划）: Automation (Excellence Program)

管庄校区: Guanzhuang Campus

体育部: Sports Department

科技史与文化遗产研究院: Institute of Cultural Heritage and History of Science & Technology

新金属材料国家重点实验室: State Key Laboratory for Advanced Metals and Materials

钢铁冶金新技术国家重点实验室: State Key Laboratory of Advanced Metallurgy

新材料技术研究院: Institute for Advanced Materials and Technology

工程技术研究院 : Institute of Engineering Technology

国家材料服役安全科学中心: National Center for Materials Service Safety

钢铁共性技术协同创新中心 : Collaborative Innovation Center of Steel Technology

北京材料基因工程高精尖创新中心 : Beijing Advanced Innovation Center for Materials Genome Engineering

融合创新研究院 : Institute of Integration and Innovation

顺德研究生院 : Shunde Graduate School

天津学院: Tianjin College