

1940: The first science and engineering university, founded in Yan'an as Academy of Natural Sciences

1949: Moved to Beijing

1952: Renamed as Beijing Institute of Technology

1959: In the first group of 16 national key universities to offer graduate degrees.

1988: Changed its Chinese name from "Institute" to "University"

1995: Admitted to one of the 15 top-tier "Project 211" universities (State Educational Project)

2000: Admitted to be the 10th university in "Project 985" (State Educational Project)

2017: Admitted to "Double First-Class" Initiative (State Educational Project) as the first batch



Message from the Director



Dear students.

As one of the leading engineering institutions in the new China, established in 1940, Beijing Institute of Technology (BIT) is a prestigious origin of science and engineering higher education founded by the government of China. BIT was among the pioneering universities to be included in the "211 Project", "985 Project", and "Top A Double First-Class University". In the 2024 QS World University Rankings, BIT clinched the 340th position; in the 2023 Academic Ranking of World Universities (ARWU), BIT ranks between 101-150. Notably, it holds the 9th position in mainland China for the QS Ranking in Graduate Employability.

Beijing Institute of Technology is a place teeming with opportunities and challenges. In over 80 years since its establishment, more than 300,000 graduates have embarked on their journeys from BIT, many of whom have become pioneers of their time and pillars of the nation. Always aligned with the major strategic needs of the country and the forefront of global scientific advancement, the university has achieved numerous "firsts" in China's scientific history, making significant contributions to technological innovation, national development, and the progression of societal civilization. The academic disciplines at BIT progress in tandem, with many fields standing at the world's forefront. The majority of its programs rank at the top nationally, each distinct in character and shining in its own right.

Embark on an academic journey at BIT, and pursue your dreams beyond borders. BIT is set to become the springboard for countless outstanding international students to make their dreams come true. Beijing Institute of Technology sincerely welcomes you!











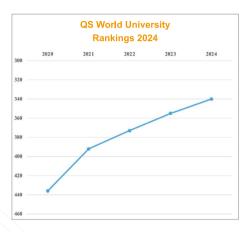
BIT Rankings

In the WORLD

- ★ QS Graduate Employability Rankings 2017 **Top 101-150**
- ★ QS Employer-Student Connections Rankings 2019 **Top 10**
- ★ QS Partnerships with Employers World Rankings 2019 **Top 86**
- ★ Academic Ranking of World Universities (ARWU) 2023 **Top 101-150**
- ★ QS World University Rankings 2024 **Top 340**

In CHINA

- ★ Science and Engineering field **Top 10**
- ★ QS Graduate Employability Rankings 2022 **Top 9**
- ★ QS Best Student Cities 2023: Beijing **TOP 1** in the Chinese Mainland





BIT Figures







Full-time students 31,811+

Undergraduates 15,014

Students in master's programs 11,272

Students in Ph.D. programs 5,525

International students 2,700+

Faculty and staff 5,861+

Academicians of the Chinese Academy of Sciences and Chinese Academy

of Engineering 39

State Key Laboratory 20

National experimental teaching center 6

2022 Scientific research fundings CNY 6.132 billion

National quality courses 39

(Statistics by December 2022)

Schools

- 1. School of Aerospace Engineering
- 2. School of Mechatronical Engineering
- 3. School of Mechanical Engineering
- 4. School of Optoelectronics
- 5. School of Information and Electronics
- 6. School of Integrated Circuits and Electronics
- 7. School of Automation
- 8. School of Computer Science and Technology
- 9. School of Cyberspace Science and Technology
- 10. School of Materials Science and Engineering





- 11. School of Chemistry and Chemical Engineering
- 12. School of Life Science
- 13. School of Medical Technology
- 14. School of Mathematics and Statistics
- 15. School of Physics
- 16. School of Management and Economics
- 17. School of Humanities and Social Science
- 18. School of Law
- 19. School of Foreign Languages
- 20. School of Design and Arts

Undergraduate Programs in Chinese



招生名目	覆盖学院	专业方向
宇航与机电类	宇航学院、机电学院	航空航天工程、机械电子工程
智能制造与智能车辆类	机械与车辆学院	机械工程、工业工程、车辆工程、能源与动力工程、智能制造工程
信息科学技术类	自动化学院计算机学院、网络空间安全学院	自动化、电气工程及其自动化、计算机科学与技术、软件工程、人工智能、数据科学与大数据技术、网络空间安全
电子信息类	光电学院 信息与电子学院、集成电路与电子学院	光电信息科学与工程、测控技术与仪器、电子信息工程、通信工程、电子科学与技术
理学与材料类	材料学院、化学与化工学院 生命学院、数学与统计学院 物理学院	材料科学与工程、材料化学、化学、应用化学、化学工程与工艺、能源化学工程、生物医学工程、生物技术、数学与应用数学、信息与计算科学、统计学、应用物理学
经济管理类	管理与经济学院	信息管理与信息系统(含大数据管理方向)、国际经济与贸易(含数字金融、数字贸易方向)、 工商管理(含数字创新管理方向)、会计学(含智能财务方向)
社会科学类	人文与社会科学学院、法学院 外国语学院	经济学、社会工作、法学、英语、日语、德语、西班牙语
设计学类	设计与艺术学院	工业设计、产品设计、视觉传达设计、环境设计





Undergraduate Programs in English

Aeronautical and Astronautical Engineering

Main Courses: Introduction to Flight Vehicle System, Fundamentals of Fluid Mechanics, Structural Analysis, Optimization Design Methods, Spacecraft Dynamics, Control System Analysis & Design, System Dynamics & Vibration, Flight Vehicle Guidance and Control, Introduction to Combustion Theory, Aerodynamics, Flight Vehicle Design, Autonomous Control of UAV and Jet Propulsion.

Computer Science and Technology

Main Courses: Essential Courses, Discrete Mathematics, Data Structures and Algorithms, Object-oriented Programming Computation Theory and Algorithms, Numerical Analysis, Database Principles and Design, Principles of Computer Organization, Assembly Language Programming, Operating Systems, Compiler Principles and Design, Fundamentals of Software Engineering, Computer Architecture, Practice of Operating System Principles, Computer Networks, Interface Technique of Microcomputer, Software Engineering Comprehensive Practice, Practice of Networking Technology.

Mechanical Engineering

Main Courses: Computer Courses, Engineering Mechanics, Fundamentals of Mechanical Design course in group, Fundamentals of Engineering Materials, Electrical and Electronic Technology, Testing Technology, Microcomputer Principle and Interface Technology, CNC Technology, Fluid Mechanics, Control Engineering, Mechanical Manufacturing Engineering, CAD/CAM Principle, Mechanical Manufacturing Engineering, etc.

Electronics Science and Technology

Main Courses: Fundamentals of Circuits Analysis, Fundamentals of Analog Circuits, Signals and Systems, Fundamentals of Control Theory, Digital Signal Process, Random Signal Analysis, Electromagnetic Field Theory, Information Theory, Computer Theory and Application, Communication Circuits and System, Digital Communication Theory, Theoretical Physics, Semiconductor Physics, Hardware Description Language, Microelectronic Process, Microelectronic Device, Analog Integrated Circuits Analysis and Design, Digital Integrated Circuits Analysis and Design, Integrated Circuits CAD, MEMS.



Automation

Main Courses: Fundamental of Electric Circuits, Electronics, Computer Programming Language, Principles of Microcomputer and Interface, Electrical Engineering Technique, Electrical Measurement Technology, Power Electronics, Electrical Machinery and Drives, Fundamentals of Control Theory, Control System of Electrical Machinery, Motion Control System, Energy and Power Conversion Technique, Intelligent Building, Factory Electricity Supply, Electrical Engineering Network and Communication Technology.

Mechatronics Engineering

Main Courses: Fundamentals of Mechanical Engineering, Fundamentals of Mechanical Design, Fundamentals of Electric Circuits, Fundamentals of Digital Electronics, Fundamentals of Analog Electronics, Fundamentals of Mechatronic Control Engineering, Computer Control and Servo System, Introduction to Robotics.

International Economics and Trade

Main Courses: Calculus, Econometrics, Financial Management, Fundamentals of Accounting, Human Resource Management, International Finance, International Marketing, Macroeconomics, Management Information Systems, Microcomputer Database Applications, Microeconomics, Monetary Banking, Operation Research, Principle of Management.

Master's Programs in Chinese & English

Master's Programs				
Taught in Chinese/English		Taught in Chinese		
Aeronautics & Astronautics Science and Technology Mechanics Armament Science and Technology Safety Science and Engineering Wechanical Engineering Power Engineering and Engineering Thermophysics Optical Engineering Instrument Science and Technology Information and Communication Engineering Electronics Science and Technology Integrated Circuit Science and Engineering Control Science and Engineering	Computer Science and Technology Cyberspace Science and Technology Chemical Engineering and Technology Chemistry iology Mathematics Statistics Physics Management Science and Engineering Business Administration (Academic) MBA (Professional) Applied Economics National Economy Mobilization Education Law	Master of Engineering Management Theoretical Economics Teaching Chinese to Speakers of Other Languages Design		

Ph.D. Programs in Chinese & English

Aeronautics & Astronautics Science and Technology	Chemical Engineering and Technology
Mechanics	Chemistry
Armament Science and Technology	Biology
Safety Science and Engineering	Biomedical Engineering
Mechanical Engineering	Mathematics
Power Engineering and Engineering Thermophysics	Statistics
Optical Engineering	Physics
Instrument Science and Technology	Management Science and Engineering
Information and Communication Engineering	B usiness Administration
Electronics Science and Technology	Applied Economics
Integrated Circuit Science and Engineering	National Economy Mobilization
Control Science and Engineering	Education
Computer Science and Technology	Theoretical Economics
Cyberspace Science and Technology	Law
Materials Science and Engineering	

Non-degree Programs

Long-term Chinese Programs

- ★ 16 weeks each semester and 20 hours per week
- Semesters start in March or September each year
- * Emphasis on communication skills
- Small group study
- Free HSK training
- Field trips: the Great Wall, the Forbidden City, the Summer Palace, etc.

Pre-university Programs

- Reach the level of undergraduate admission in 1 or 2 semesters
- Courses: Comprehensive Chinese, Mathematics, Physics, Outline of China, Intercultural Communication and Team Management, Chinese Cultural Inheritance and Scientific Innovation, Activities, Speech and Application Guidance
- The priority to enter BIT undergraduate programs
- The priority to receive BIT Freshman Scholarship

Exchange Programs

- All Chinese/English taught programs available
- intensive Chinese language program available
- Free Chinese courses for beginners
- Final thesis / project with supervision from BIT professors available
- Various Chinese culture experiences

BIT Summer/Winter Online Programs

- Program A: Data Science, Big Data Technology, Intelligent Vehicles, Electric Vehicles, Electronics, etc.
- * Program B: Chinese Language and Culture
- BIT Official electronic transcript with credits and certificate offered
- Excellent and experienced teachers
- Live-streaming broadcast teaching + video playbacks
 - + data sharing + interactive communication

How to apply?







Qualifications, Application Materials and Contacts

	Undergraduate Programs	Graduate	Programs	Chinese Language Programs	
Qualifications	High school graduate Proficient in Chinese or English Age from 18 to 25	1. Applicants for master's programs should Ph.D. programs should have a master's of field of interest. 2. Proficient in Chinese or English 3. Recommended by two professors / assort Note: If you are applying for admission uplease first apply online at CSC On that the Agency Number of Beijing	egree in the same major or in the relat iate professors nder Chinese Government Scholarship ine Application System. Please be kno	ive 2. Above 18	
Application Materials	1. Application form (Please register at http://apply.isc.bit.edu.cn). 2. The Photocopy of Passport (photo page and valid China visa page if you are already in China);				

Deadline	June 15 th , 2024	February 15th, 2024 (CSC applicant, Round 1) April 15th, 2024 (CSC applicant, Round 2) June 15th, 2024 (self-funded applicant)	Spring semester: December 31st, 2023 Fall semester: June 15th, 2024
Contact	Tel: 86-10-68918272	Tel: 86-10-68910992	Tel: 86-10-68912161
	E-mail: undergraduate@bit.edu.cn	E-mail: master_phd@bit.edu.cn	E-mail: studychinese@bit.edu.cn

What scholarships do we offer?

1. Chinese Government Scholarship (CSC)

(1) University Program (Type B)

Including Silk Road Program, High-level Graduates Program, etc.

♦ What does the CSC FULL scholarship cover?

- 1 Tuition fees;
- 2) Free university dormitory or accommodation subsidy;
- ③ Stipend:

Undergraduates: CNY 2,500/month

Master's students / General Scholars: CNY 3,000/month

Ph.D. Students / Senior Scholars: CNY 3,500/month

④ Comprehensive medical insurance: CNY 800/person/year; CNY 400/person (for programs lasting less than six months)

♦ Who can apply?

To be eligible, an applicant must:

- ① be a citizen of a country other than the PRC and in good health both mentally and physically;
- ② be an academically excellent holder of high school diploma or its equivalent under the age of 25 when applying for an undergraduate program;

- ③ be an academically excellent holder of a bachelor's degree or its equivalent under the age of 35 when applying for a master's program;
- be an academically excellent holder of a master's degree or its equivalent under the age of 40 when applying for a Ph.D. program;
- ⑤ be a holder of a high school diploma (or higher) under the age of 45 when applying for a general scholar program;
- ⑥ be a master's degree holder or an associate professor (or above) under the age of 50 when applying for a senior scholar program;
- meet the admission requirements of the applied degree or non-degree program.

♦ How to apply for University Program?

- Register at https://studyinchina.csc.edu.cn and upload required documents. (BIT's Agency No.: 10007; Type: B)
- ② Register at http://apply.isc.bit.edu.cn and upload required documents.

Application deadline: February 15th, 2024 (Round 1, recommended), April 15th, 2024 (Round 2)







(2) Bilateral Program (Type A)

The program accords with the cooperation and exchange agreements or consensus reached by the Chinese government and the governments and institutions of other nations. It is open to undergraduates, postgraduates, general and senior scholars.

Applicants shall file an application with the dispatching department of their home countries

(3) Designated Scholarship Programs

Including Great Wall Program, EU Program, AUN Program, PIF Program and WMO Program. These programs are set up in accordance with cooperation agreements between China and international organizations and institutions.

Applicants shall file an application with the international organizations and institutions concerned

(4) Student Exchange Program

The program, launched in accordance with exchange and cooperation agreements between Chinese universities and foreign partners, is designed to support general and senior scholars for a training session of no more than 12 months.

Applicants shall file an application with Chinese universities and their foreign partners.

2. Beijing Municipal Government Scholarship / The Belt & Road Scholarship

♦ What does the scholarship cover?

Tuition (Full scholarship, Half scholarship, 1/4 scholarship) for one year

♦ Who can apply?

- 1 Non-Chinese Citizens in good health;
- ② Undergraduate program students: New students or enrolled students according to their qualified previous year's academic records;
- ③ Age from 18 to 25.

♦ How to apply?

Apply online at http://apply.isc.bit.edu.cn.

◆ Application deadline:

For new students: June 15th, 2024 For students in year 2 to 4: June

3. International Chinese Language Teachers Scholarship

♦ What does the scholarship cover?

Tuition, accommodation, living allowance and medical









insurance.

Living allowance:

CNY 2,500/month (Language Students)
CNY 3,000/month (Master's Students)

♦ Who can apply?

- Non-Chinese citizens;
- Should be friendly to China, have no criminal record, and abide by the laws and regulations of the Chinese government and the rules and regulations of the school;
- In good physical and mental conditions, and with a good record of academic performance and conduct;
- Aspiring to work in Chinese language education and related fields;
- Aged between16 and 35 (as of September 1st, 2024), with the special allowance for the age limit of 45 for applicants currently working as Chinese language teachers.
- Master's program: The program starts from September each year and the duration of scholarship is 2 years.
 Applicants should have bachelor's degree and a



minimum score of 210 in HSK Test (Level 5), and 60 in HSKK Test (Intermediate Level) for full scholarship. Applicants who have the contract (notarized) with the institute where they intend to work after graduation are preferred.

- ② One-year study program: The program starts from September every year and the duration of scholarship is 11 months.

 Applicants who have benefited from similar scholarships are not eligible and should have a minimum score of 270 in HSK Test (Level 3), and 60 in HSKK Test (Beginning Level).
- ③ One-semester study program: The program starts from September or March each year and the duration of scholarship is 5 months. Applicants holding the X1 or X2 visa are not eligible. Applicants should have a minimum score of 180 in HSK Test (Level 3), and HSKK test score is required.

♦ How to apply?

Please visit http://cis.chinese.cn/ and choose "Beijing Institute of Technology". Fill in the application form and upload the required documents online.

Application Period: March 1st – May 15th every year (For details, please refer to the Application Information issued by Center for Language Education and Cooperation every year)

For more information, please visit the official page of International Chinese Language Teachers Scholarship: http://cis.chinese.cn



① Non-Chinese citizens and in good health both mentally and physically;

② Apply for undergraduate programs or dual-degree programs.

♦ How to Apply?

Register at http://apply.isc.bit.edu.cn.

• Application deadline:

October 15th, 2023 - June 15th, 2024

Tuition

Undergraduate Programs	Master's Programs	Ph.D. Programs	Chinese Language Programs	Short-term Programs
Programs in Chinese: CNY 23,000/year	Programs in Chinese: CNY 32,000/year	Language & Culture: CNY 10,000/semester CNY 44,400/year Pre-university: CNY 15,000/semester		USD 40/day (Including tuition, accommodation,
Programs in English: CNY 30,000/year	Programs in English: CNY 36,000/year MBA: CNY 49,000/year		insurance, field trips to the Forbidden City, the Summer Palace, the Great Wall, etc.)	

Note: Application fee: degree programs CNY 600 non-degree programs: CNY 500

Insurance: CNY 800/year CNY 400/half year



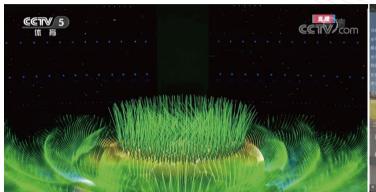
Accommodation Information

Location	Room types	Facilities	Price	
Building No. 14 Zhong Guan Cun Campus	2 people shared room	Air-conditioner, desk, chair, wardrobe, internet access, refrigerator, bathroom (24-hour hot	CNY 1350/person/month	
Building No. 14 Zhong Guan Cun Campus	4 people shared room	water), public kitchen on each floor, public laundry	CNY 900/person/month	
Building No. 15 Zhong Guan Cun Campus	3 people shared room	Air-conditioner, desk, chair, wardrobe, internet	CNY 1200/person/month	
Building No. 16 Zhong Guan Cun Campus	4 people shared room	access, refrigerator, bathroom (24-hour hot water), public laundry	CNY 900/person/month	
Liang Xiang Campus Dormitory	2 people shared room		CNY 900/person/month	
Liang Xiang Campus Dormitory	Air-conditioner, desk, chair, wardrobe, internet access, private bathroom, private kitchen, private refrigerator, public laundry	CNY 700/person/month		
Liang Xiang Campus Dormitory	4 people shared room		CNY 500/person/month	



Scientific Research

Digital Media

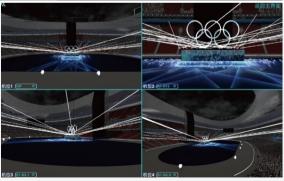




Rehearsal Simulation Technology 仿真排演技术

The technology developed by BIT was used in the Spectacular "Beijing 8-Minute Show" at the Closing Ceremony of the 2018 Pyeongchang Winter Olympics, the parade on the 70th Anniversary of the Founding of the PRC, and the Opening Ceremony of the 2022 Beijing Winter Olympics.

北理工研发的该技术运用在了2018年平昌冬奥会闭幕式上壮观的"北京8分钟"秀,庆祝中华人民共和国成立70周年阅兵式和2022年北京冬奥会开幕式上。



Scientific Research

Chemistry & Chemical Engineering







Environmentally friendly fireworks 环保烟花

The environmentally friendly fireworks are invented for the opening ceremonies of the 2008 Summer Olympics, the 2022 Winter Olympics, the 2010 World Expo, APEC in 2014, and the 80th anniversary of BIT in 2020. 北理工研发的环保烟花运用于2008年北京奥运会和2022年北京冬季奥运会, 2010年世博会,2014年APEC的开幕式和2020年北京理工大学八十周年校庆上。

Scientific Research Intelligent Robot

HUITONG Robot "汇章" 仿真机器人

These humanoid robots can distinguish high-speed objects, make dynamic balance, play table tennis with each other; run and jump; and communicate with humans with facial expressions.

这些人形机器人可以分辨高速物体、保持动态平衡,从而打乒乓球: 跑步和跳跃: 有表情地与人类交流。





Aerospace and Deep Space Exploration





BP-1B Satellite "北理工1号" 卫星

In 2019, this satellite was successfully launched at Jiuquan Satellite Launch Center in China.

2019年, "北理工1号" 卫星在中国酒泉卫星 发射中心成功发射。

Microwave Radar Technology 微波雷达信号处理机

Microwave Radar Technology assisted in the rendezvous and docking of Spacecraft Shenzhou-VIII and Shenzhou-IX with Space Module Tiangong-I.

微波雷达信号处理机与微波应答机信号处理机助"神舟"系列与"天宫"交会对接。

BEIJING IN

Scientific Research

Mechanical Engineering





EV under Extreme Cold Condition "不怕冷的山地车"

These pure electric vehicles can operate normally under the ultra-wide ambient temperature of -40° C to 60° C. 这些纯电动汽车可以在 -40° C至 60° C的超宽环境温度下正常运行。

Formula Student Autonomous China 中国大学生无人驾驶方程式大赛

BIT team won the national championship in Formula Student Autonomous China in 2017, 2018, 2020, 2021, and 2022. 北理工团队在中国大学生无人驾驶方程式大赛上五次夺得全国总冠军。



Indoor Multi-DOF Simulation Ski Training System 室内多自由度模拟滑雪训练系统

The system can provide indoor ski simulation training equipment for athletes in alpine skiing, cross-country skiing, and other events to improve the training efficiency of their special technical movements such as slewing and sliding, and provide simulated training for athletes in non-snow seasons.

这个训练系统可以为高山滑雪、越野滑雪等项目的运动员提供室内滑雪模拟训练设备,提高其回转、滑行等特殊技术动作的训练效率,并在非雪季为运动员提供模拟训练。

Scientific Research

Intelligent Sports Training





Ice Cannon 人体高速弹射装置

The Ice Cannon assists speed skaters to carry out the technical training of curve skating, which can realize the precise control of the athletes' acceleration process.

人体高速弹射装置辅助速滑运动员进行曲线滑行的技术训练,从而 实现对运动员加速过程的精确控制。

Sports Data Steward 运动数据管家

The system can conduct real-time scientific analysis on the spot to help coaches and athletes find deficiencies more accurately and improve performance through targeted training.

运动数据管家系统可以在现场进行实时科学分析,帮助教练员和运动员更准确地找到不足之处,并通过有针对性的训练提高成绩。









Residential Life





Contact us



WANG Ying Director

Phone: +86-10-68918316 Email: yingwang@bit.edu.cn wangying318@gmail.con



SHEN Jiapei Manager of Admission Section

Phone: +86-10-68918272 Email: jiapeishen@bit.edu.cn



XIE Fei Associate Director

Phone: +86-10-68918757 Email: xiefei@bit.edu.cn



LIU WeiguangAssociate Director

Phone: +86-10-68912934 Email: liuweiguang@bit.edu.cn

Admission Section

Undergraduate Programs

Phone: 86-10-68918272

Email: undergraduate@bit.edu.cn

Graduate Programs

Phone: 86-10-68910992

Email: master_phd@bit.edu.cn

Chinese Language Programs

Phone: 86-10-68912161

Email: studychinese@bit.edu.cn

Exchange Programs

Phone: 86-10-68918541

Email: exchange@bit.edu.cn





Honors and AwardsWonderful Campus Life













2021 "100 reasons to love Beijing" theme collection activity.

2021 The Second Global Cross border E-commerce Entrepreneurshand Innovation Competition

2021 Telling Chinese Stories in Englis

2021 Silk Road Youth Gathering Photography Competition

First prize

Outstanding Organization Award First Prize

Most Popular Award

2021 Youth Art Works Competition on the 30th Anniversary of Chin.

2022 "CATTI Cup" National Translation Competiti

2022 "Youth Innovation Beijing" Youth Series Four Seas Race Track.

Gold Med

First Prize







Beijing Institute of Technology Office of International Students

5 South Zhong Guan Cun Street, Hai Dian District, 100081, Beijing, P.R. China.

Tel: +86-10-68918272

