



北京科技大学
University of Science and Technology Beijing

INTRODUCTION OF ENVIRONMENTAL ENGINEERING FOR BACHELOR DEGREE

University of Science and Technology Beijing
Application Guide for International Students



English-taught Program

Introduction of USTB



University of Science and Technology Beijing was founded in 1952 and has developed into one of the most influential key national universities in China. Its main focus is on engineering, while maintaining a balanced program consisting of science, management, humanities, economics and law.

USTB is part of the 211 Project, which is designed to develop a hundred first-rate universities in the 21st century. In 2017, USTB was selected as one of universities and colleges for the "Double-First Class" initiative, which aims to ultimately build a number of world class universities and disciplines.

Websites of USTB: www.ustb.edu.cn isc.ustb.edu.cn

USTB NATIONAL & INTERNATIONAL RANKINGS

QS World University Rankings 2021

No. **23** in Mainland China

ESI Data Rankings 2021

Top 1‰ Materials

Top 1% Chemistry

Top 1‰ Engineering

Top 1% Physics

Top 1% **Environmental Science & Ecology**

Top 1% Computer Science

Introduction of Environmental Engineering



USTB provides different programs in the major of Environmental Engineering, including bachelor, master and doctoral degree. Environmental Engineering, as one of the main subjects, is strongly supported and developed by China's 211 Project" and "Platform for National Advanced Disciplines Innovation" program, National International Cooperation Base on Environment and Energy, and Beijing International Collaboration Base on Urban and Domestic Waste Management. Environmental Engineering is on national construction list of national characteristic specialty, and in 2014 it passed the China Engineering Education Accreditation. The Bachelor degree are accepted by the member countries of the Washington Agreement.

Environmental engineering obtains excellent international incorporation and maintains close relations with well-known universities, research institutes, academic organizations and large enterprises in dozens of countries and regions, including the United States, Britain, France, Germany, Australia, Sweden, Canada, Russia, Singapore, Japan, Hong Kong, Macao and Taiwan. Until now, we have completed dozens of international cooperation projects, successfully held a number of large international academic conferences, regularly invited well-known experts and scholars at home and abroad to carry out the deep cooperation in teaching and research, and established a joint student international exchange program.

Training Objectives of Environmental Engineering Undergraduate



The graduate should master the basic and professional knowledge of environmental engineering, and are especially specialized in industrial environmental pollution control.

They should meet requirement for the international enterprise, and have social responsibility, good psychological, moral and humanistic quality.

They should grasp solid basic knowledge, strong innovation and teamwork spirit, as well as broad international perspective. They are trained to obtain the ability to solve complex environmental engineering problems, especially in the field of mining and metallurgy industry, such as sewage treatment, air pollution control, solid waste recycling and other aspects of engineering problems. The graduate should has sustainable learning ability and entrepreneurial spirit.

Excellent graduates in this major can continue to study for master degree in USTB, and have priority to get full scholarship.

Degree Category and Duration

Bachelor of Engineering, 4 Years

Medium of Instruction

English

Main Courses

- Air Pollution Control Engineering
- Clean Production and Circular Economy
- Energy Conversion and Utilization
- Environmental Chemistry
- Environmental Ecology
- Environmental Engineering Microbiology
- Environmental Impact Assessment
- Environmental Materials Science
- Environmental Monitoring
- Environmental Planning and Management
- Physical Pollution Control
- Principles of Environmental Engineering
- Solid Waste Treatment and Disposal
- Water Pollution Control Engineering

Application Period

Between **December 15** and **next June 15**

Application Procedure

- Online application (<http://onlineapply.ustb.edu.cn>)
- Documents examination
- Inform the result of admission
- Issue admission notice

Application Eligibility

- Applicants must be a citizen of a country other than the People's Republic of China, and be in good health.
- Applicants must be a high school graduate under the age of 35.

Application Documents

- Home page of valid ordinary passport.
- Notarized certificates of graduation of high school. (Graduating students should provide the certificate of pre-graduation.)
- Academic transcripts.
- English proficiency letter (for applicants from Non-English Speaking Countries): IELTS or TOFEL or other official English proficiency letter.
- Foreigner Physical Examination Form.
- None Criminal Record Report, which is issued within 6 months prior to the submission date.
- Letter of Financial Guarantee.



Fees (CNY)

Tuition	Application Fee	Accommodation	Insurance
23300 / Year	600	Double Room: 1500 / Mon / Bed 4 PeopleRoom: 750 / Mon / Bed	800/Year 400/Term



Scholarships

USTB offers scholarships on the basis of merit to help outstanding international students to study in China.



USTB Chancellor Scholarship

Includes tuition fee, free accommodation, living allowance, medical insurance.

Apply to USTB directly between December 15 and next April 30.



Beijing Government Scholarship

Includes part of tuition fee.

Apply to USTB directly between December 15 and next June 15.



Scholarships Website

<https://iscen.ustb.edu.cn/Scholarships/index.htm>



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