

MASTER IN ENVIRONMENTAL SCIENCE

Program Name: International Master in Ecological Environment Protection and Management

School of Environment, Beijing Normal University

Introduction

In response to the rapid economic development in recent years, China is committed not only to solving the ecological and environmental problems that have occurred, but also, through ecological planning and management measures, to avoiding the ecological environmental risks that may occur. In pursuit of a balance among ecological environmental protection, economic development, and social harmony, China has accumulated extensive experience in environmental protection that could be applied to other developing countries, and it has developed a series of key technologies for ecological restoration and pollution control that are at the international forefront. Ecological environmental protection and management, which have become increasingly important for prospective development professionals to study, are of great significance in promoting global sustainable development.

The international master program in Ecological Environment Protection and Management offered by the School of Environment of Beijing Normal University is designed for outstanding students in environmental science and related disciplines. It aims to develop students' abilities to analyze and explore existing and developing issues in ecological and environmental studies through a high-quality curriculum system and opportunities for research practice and field study by support of the school.

This program will provide students with theoretical and systematic specialized knowledge as well as practical skills in the field of environmental science. In addition, a key goal of the program is to inspire students to apply professional theory and technology to solving the practical environmental problems of China and other developing countries by contextualizing and analyzing practical cases of ecological environmental protection and development status. Additionally, the School of Environment also provides Ph.D. programs for international students.

Required Qualifications of Applicants

- (1) Applicants must be non-Chinese citizens with valid passports.
- (2) Applicants for the master program should have a Bachelor's degree or equivalent to a Bachelor's degree or above.
- (3) Applicants should be in good health and character (meet the physical examination requirements stipulated by the country and BNU), be well-behaved, and be willing to abide by China's laws and regulations, as well as BNU's rules.
- (4) Language skills requirements:
Native English speakers; for non-native English speakers, ONE of the following conditions shall be met.
 - a. Complete a Bachelor's degree in an English-taught program.Or
 - b. Language proficiency exam, including TOEFL (minimum 80 total score) or IELTS (minimum overall band 6.5 score).

Duration & Tuition

Study duration: 2 years

Tuition fee: RMB 60,000 (for 2 years)

Application Deadline

Please refer to the latest notice issued by BNU Admission Office.

Scholarship applications are subject to the deadline set by the respective funding agencies and organizations.

Degree and Graduation Requirements

This program awards the Master of Science. Students can refer to the training plan to know more about the graduation requirements prior to their admission.

Courses

Curriculum	Credits	Semester
Basic Chinese	2	Autumn
Introduction to China's Environmental & Ecological Issues	2	Autumn
Ecological Modelling	2	Autumn
Environmental Statistics	2	Autumn
Strategic Environmental Assessment	2	Autumn
Advanced Systems Ecology	3	Autumn
Industrial Ecology	2	Autumn
Environmental Toxicology	2	Autumn
Statistics for Environmental Engineers and Scientists Using R	1	Autumn
Environmental Decision-Making	2	Autumn
Landscape Ecology	2	Autumn
Water Quality Model and Simulation	2	Autumn
Special English of Environmental Science	2	Spring
Restoration Ecology and International Conservation	3	Spring
Eco-Hydraulics	2	Spring
Ecosystem Assessment and Management	2	Spring
Modelling of Aquatic Ecosystems	2	Spring
Natural Resource Economics	2	Spring
The Economics of Climate Change	2	Spring
Atmospheric Environmental Chemistry	2	Autumn
Principle and Application of Environmental Biological Technology	2	Autumn
Leading Edge in Water Quality Science and Process Engineering	2	Autumn
Water Quality Model and Simulation	2	Autumn
Advanced Environmental Fluid Mechanics	2	Spring
Special English of Environmental Engineering	2	Spring
Principles and Applications of Membrane-based Separation	2	Spring

Contact Information

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