MASTER IN ENVIROMENTAL SCIENCE

Program Name: 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 solve the ecological and environmental problems that have occurred, but also, through ecological planning and management measures, to avoid 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 of ecological restoration and pollution control that are at the international forefront as well. 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, 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 provided with high

quality curriculum system and opportunities for research practice and field study by support of school.

This program aims to 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 inspiring students to apply professional theory and technology to solve the practical environmental problems of China and other developing countries by contextualizing and analyzing practical cases of ecological environmental protection and development status.

Additionally, School of Environment also provides Ph.D. program for international students.

Required Qualifications of Applicants

(1) Applicants must be non-Chinese citizens with valid passports.

(2) Applicants for the doctoral program should have a Master's Degree or equivalent to a Master'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:

a. Complete a Bachelor's degree in an English-taught program. Or

b. Language proficiency exam, including TOEFL iBT (minimum 90 in the total score) or IELTS Academic (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.

Course List

Course name in English	Credit	Semester
Basic Chinese	2	Autumn
Basic Chinese II	2	Spring
Introduction to China's Environmental & Ecological Issues	2	Autumn
Ecological Modeling	2	Autumn
Environmental Statistics	2	Autumn
Strategic Environmental Assessment	2	Autumn
Advanced System Ecology	3	Autumn
Industrial Ecology	2	Autumn
Environmental Toxicology	2	Autumn
Application of Environmental Science and Engineering Statistics: Application of R Language	1	Autumn
Environmental and Ecological Decision-Making	2	Autumn
Landscape Ecology	2	Autumn
Water Quality Model and Simulation	2	Autumn
Special English of Environmental Science (Compulsory)	2	Spring
Eco-hydraulics (main campus and Zhuhai campus)	2	Spring
Ecosystem Assessment and Management	2	Spring
Modelling of Aquatic Ecosystems	2	Spring
Natural Resource Economics	2	Spring
Atmospheric Environmental Chemistry	2	Autumn
Frontier of Water Quality Science and Process Engineering	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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