

# **MASTER IN ENVIRONMENTAL 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.

## **ENTRY REQUIREMENT**

Applicants whose first language is not English need to provide English proficiency certificate: TOEFL550 points /80 points or 6.5 for IELTS or have a bachelor degree from an English-taught program.

## **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 every year.
- Scholarship applications are subject to the deadline set by the respective funding agencies and organizations

## CREDITS & COURSES

Credits requirement: 32 credits in total, including 10 credits for public compulsory course and degree fundamental course, 10 credits for degree professional course, 2 credits for dissertation proposal, 2 credits for practice activity, 2 credits for research activity, and 6 credits for degree thesis.

Type	Curriculum	Credits
Public compulsory course	Introduction to China's Environmental & Ecological Issues	2
	Basic Chinese	2
Degree fundamental course	Industrial Ecology	2
	Strategic Environmental Assessment	2
	Natural Resource Economics	2
Degree professional course	Landscape Ecology	2
	Ecological Modeling	2
	Atmospheric Environmental Chemistry	2
	Leading Edge in Water Quality Science and Process Engineering	2
	Water Quality Model and Simulation	2
	Environmental Statistics	2
	Environmental Toxicology	2
	Energy Economics	1
	Special English of Environmental Engineering	2
	Special English of Environmental Science	2
	Principles and Applications of Membrane-based Separation	2
	Restoration Ecology and International Conservation	3
	Eco-hydraulics	2
	Ecosystem Assessment and Management	2

	Modelling of Aquatic Ecosystems	2
	Advanced Environmental Fluid Mechanics	2
	Multi-scale Ecological Accounting and Management	2
	Environmental Sociology	2
	Energy Oriented Business Administration	1
	Statistics for Environmental Engineers and Scientists using R	1
	The Theory of Environmental Science	2
Compulsory contents	Dissertation Proposal-complete in September	2
	Practice-Minimum 60 days with 3,000 words report	2
	Research Activities	2
	Master's Thesis-20,000-50,000 words with 1000-3000 words summary in Chinese	6
Minimum Credits for the Program		32

### **CONTACT INFORMATION**

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