BFUIC
北京林业大学国际学院
Beijing Forestry University International College

Beijing Forestry University Prospectus 2026

Discover Your Next Chapter in

Ecology and Nature Conservation

Welcome to the School of Ecology and Nature Conservations.

The School of Ecology and Nature Conservation stands at the forefront of ecological sciences and nature conservation on a global scale. We are delighted to the integration of nature conservation, forest ecology, microbiology, and wildlife protection to address critical challenges facing Asia and the world at large. Notably, we are the sole institution in China that specializes in professional training for nature conservation and nature reserve management.

Currently, the school boasts a dedicated team of 102 staff members, including 66 full-time faculty members, comprising 31 professors, 24 associate professors, and 11 lecturers.

SCIENTIFIC AND EDUCATIONAL ACHIEVEMENTS

- Over 500 key research projects have been undertaken
- We have produced more than 800 SCI publications, including notable journals like Science and PNSA. Additionally, we have authored 30 books, secured 40 patents, and established 18 national standards.
- Our commitment to wetland conservation has earned us the Wetland International Luc Hoffmann Wetland Science and Conservation Award.
- **We were prominently involved in ecological environment protection and restoration research during Green Olympic Games**
- **Our efforts contributed to the establishment of the Research Institute for Yellow River Basin Conservation and Development**

RESEARCH AND EDUCATION PLATFORMS

The school has developed comprehensive research and educational platforms:

- 1 national-level student practicum base
- 1 national-level field station
- 4 provincial and ministerial-level scientific research platforms
- 3 provincial, or ministerial-level field scientific observation stations
- 2 National Innovation Alliances in Forestry and Grass Science and Technology

The school is also home to numerous research centers, including the Center for East Asian—Australasian Flyway Studies, Science Unit of East Asian—Australasian Flyway Partnership Secretariat, National Innovation Alliance for Wetland Conservation and Restoration, National Innovation Alliance for Musk Deer Protection, Breeding and Utilization, China Great Bustard Conservation and Monitoring Network, Wildlife Research Institute of BFU, Institute of Forestry Response to Climate Change of BFU, Institute of Microbiology of BFU, Center for forest carbon accounting and monitoring of BFU, Wetland Research Center of BFU, Forest Health Center of BFU and Center for Value Appraisal of Wildlife and Products.

KEY FEATURES

The School of Ecology and Nature Conservation at Beijing Forestry University offers international students a unique blend of opportunities. Nestled in the heart of Beijing, the school provides access to cutting-edge science facilities while offering field trip experiences that encompass China's diverse ecology and landscapes. By choosing to pursue your passion in one of the programs not only enhance your current studies but also gain access to a broad network of new opportunities.

- excellent field research opportunities
- Overseas collaboration with strategic partners
- Small cohort sizes fostering an innovative and interactive learning environment
- Real-world application of theories and research taught in classes
- Gain a postgraduate qualification from one of the top universities in China

SOCIAL SERVICES

As a pivotal institution in nature conservation in China, the school actively contributed to national key ecological development programs. Over the past five years, more than 138 policy issue papers, strategies, and protocols have been published, offering expert consultation and scientific support for national nature conservation and eco-civilization development initiatives.

The school has taken a lead role in the drafting of national laws and regulations, including the Wetland Protection Law, the Natural Reserve Law, the National Park Law, the Forest Law, the Seed Law, the Wildlife Protection Law, the Grassland Law, and Regulations on Nature Reserves. Experts from the school have authored essential publications such as "Key Technologies for the Construction and Management of Nature Reserve", "China Coastal Wetland Protection and Management Strategy Study" and "China Ecosystem Management Strategy Study". These publications are instrumental in advancing the fields of nature conservation and ecosystem management.

RESEARCH WITH IMPACT

Center for East Asia-Australasian Flyway Studies

In 2006, the Partnership for the Conservation of Migratory Waterbirds and Their Habitat Sustainable Use in the East Asia-Australasian Migration Zone was initiated. This framework promotes multilateral cooperation on migratory bird conservation, with participation from national governments, intergovernmental organizations, non-governmental organizations, and international bodies. The migration route of more than 50 million East Asian-Australasian migratory birds spans 22 countries from north to south. To collaborate on protecting these birds, the school officially joined the Migration Route Partnership Committee in March 2008. By 2010, 20 wetland-type nature reserves in China had become part of this migration network.

Great Bustard Conservation and Monitoring Network

The great bustard, a rare species and national key protected wildlife, garners global attention. In pursuit of more effective protection, the China Great Bustard Conservation and Monitoring Network was established under the authority of the Department of Wildlife Conservation and Nature Reserve Management in the State Forestry Administration. Our objectives encompass:

1) Fully mobilizing enthusiasm among stakeholders in the great bustard's distribution area.
2) Safeguarding the Great Bustard and its habitat.
3) Identifying factors impacting its survival.
4) Formulating long-term and effective conservation plans.
5) Assembling a scientific research team dedicated to conservation .
6) Persevering in conservation and research endeavours.

Feline Protection and Surveillance Network

Launched in 2009 with the support of the Department of Wildlife Conservation and Nature Reserve Management in the State Forestry Administration, the China Feline Protection and Monitoring Network aims to:

Coordinate efforts with scientific research protection institutions.

Focus on national key nature reserves where felines are prevalent.

Promote comprehensive protection, monitoring, and research of felines in China.

Przewalski's Horse Conservation and Rewilding Monitoring Collaborative Group

Przewalski's horses represent the last surviving subspecies of wild horses. In 2002, the Department of Wildlife Conservation and Nature Reserve Management in the State Forestry Administration established the "Przewalski's Horse Conservation and Release and Rewilding Monitoring Collaborative Group" at Beijing Forestry University. Over the years, this group has conducted extensive research covering behavior, physiology, nutrition, breeding, genetic diversity, and parasite prevention and control of Przewalski's horses. Their dedicated efforts have yielded valueble scientific insights. For instance, through more than a decade of health monitoring, the Group has put forward scientific solutions to address parasitic challenges affecting house populations, with the potential to fundamentally resolve rewilding issues..

Wetland Research Center of Beijing Forestry University

To address the needs of The Ramsar Convention and contribute to the protection and restoration of wetland ecosystem in China, the school established the Wetland Research Center of Beijing Forestry University in 2014. The center focuses on solving scientific and technological challenges related to wetland ecology, wetland biodiversity, wetland protection, restoration, assessment and management. Additionally, it conducts research on pressing topics in wetland biodiversity conservation, wetland implementation, wetland and climate change, restoration of degraded wetlands, wetland monitoring and assessment, wetland ecosystem health, wetland succession, wetland engineering design, and wetland management policies.

DISCOVER OUR DISCIPLINE

ECOLOGY

Forest Ecology
This discipline focuses on forests as the primary research object. It covers research at various levels, from individual organisms to populations, communities and ecosystems. This includes physiological and ecological research at the individual level, theoretical ecological research at the population level, dynamic monitoring of communities at the community level, ecosystem regulation at the ecosystem level, and zonal distribution and formation mechanism of forest vegetation at the regional level. It addresses key scientific and technical issues related to ecological engineering, ecological restoration, biodiversity conservation, natural forest protection, desertification prevention and control, and the planning of nature reserves and ecological restoration projects.

Wetland Ecology
This discipline studies the interrelationship between wetland organisms and the environment, as well as the role and response of wetlands to regional and global environmental changes. It integrates conservation ecology, restoration ecology, hydrological and water resources, biodiversity science, invasion ecology, and ecological engineering.

Microbial Ecology
The discipline mainly focuses on forest microorganisms, especially fungi. Research areas include microbial diversity, community structure and ecological function, fungal classification and molecular phylogeny, fungal genomics and transcriptomics, investigation and identification of forest pathogenic fungi, as well as resource mining and utilization of forest microorganisms. It specializes in fungal diversity and resource collection, classification and molecular systematics, genetic diversity, resource utilization and functional assessment of edible and medicinal fungi, and utilization of fungal enzymes.

Global Change Ecology
This discipline explores the intrinsic relationship between the structural and functional changes in forest ecosystems and the effects of forest climate change. It investigates the mechanisms and adaptation strategies of forest ecosystems affected by global change, with a focus on long-term sequence, multi-source and multi-type forest vegetation, soil and climate information systems.

Restoration Ecology
This discipline integrates ecological restoration and biodiversity conservation and addresses issues related to biodiversity conservation, plant adaptation in extremely arid areas, and plant diversity conservation. Research spans various climatic zones, from the tropical region of Hainan to the arid desert areas of northwestern China, aiming to understand ecosystem degradation mechanisms, restoration, and biodiversity formation and protection systems.

NATURE RESERVE SCIENCE

This discipline is applied research-oriented and specialized in the theory and technology of system construction, planning and design, conservation management and management and utilization of generalized nature reserves. The main research objects are various natural protected areas such as national parks, nature reserves, scenic spots, forest parks, and wetland parks.

CONSERVATION AND UTILIZATION OF WILD ANIMALS AND PLANTS

This discipline conducts applied and fundamental research on a wide range of topics related to global biodiversity hotspots. Research areas include animal and plant ecological geography, population and community ecology, nutrition and reproduction, disease and immunity, genetic diversity, etc., These studies serve for the conservation of rare and endangered species, the sustainable use of genetic resources, and the management of wildlife.

GRADUATES AND CAREER DEVELOPMENT

Graduates of the school receive specialized training in nature conservation and are highly competitve in various fields. They excel in public institutions, including the Chinese Academy of Sciences, National Forestry and Grassland Administration, universities, museums, nature reserves, enterprises, and social institutions. Some choose to pursue further education at prestigious universities abroad.

TESTIMONIALS

“Plentiful opportunities for professional and personal development to make connections with international community and be a part of a dynamic environment.”

--Muhammad Awais Rasool, PhD Graduate

“Students here will have breadth and depth of vision, the desire and capacity for public service, an awareness of the complexities that characterize enduring human dilemmas and maturity of judgment.”

--Shahid Ahmad, PhD Graduate

“With high-quality of teaching and scientific expertise, excellent professors from the school always provide valuable guidance to help each student get through every step of degree pursuit and research breakthroughs. Lots of amazing opportunities offered to international students definitely help to have a better understanding of the culture and to gain soft skills as well.”

--Majda Aouititen, Ph.D.Candidate

PROGRAMS OFFERED IN ENGLISH

Master's Programs in Ecology/Conservation and Utilization and Wild Animals and Plants/Nature Reserve Science

Core Courses:
Forest Ecology, Wetland Ecology, Microbial Ecology, Restoration Ecology, Climate Change and Ecological Process, Ecological Planning and Management, Planning and Management of Nature Conservation, Biodiversity Conservation, Forestry Carbon Sink and Carbon Market, Eco-economy and Conservation Policy, Valuation and Management of Natural Capital, Phylogenetic Classification & Evolution Biology, Genetic Diversity and Protection of Germplasm Resources, Conservation Biology along with Fungal Resources and Utilization.

Doctoral Programs in Ecology/Conservation and Utilization and Wild Animals and Plants/Nature Reserve Science

Core Courses:
Advanced Forest Ecology, Ecological Culture and Institutions in China, Ecological Restoration, Forestry Technology Frontier, Global Ecology

AVAILABLE SCHOLARSHIP TYPES

Check out the full range of scholarships and assess your eligibility to apply.
english.bjfu.edu.cn
ic.bjfu.edu.cn

- Chinese Government Scholarship (CGS)
- Beijing Government Scholarship (BGS)

STARTING AT BFU

01 Find Your Program and Review the Admission Requirements
Check your eligibility and find the best program for you.

02 Submit Your Application Form and Required Documentation
Complete your admission application form and select your scholarship application intention in the BFU International Application Portal (bjfu.at0086.cn/student). Submit your application materials as well.

03 First Round of Application Review
You may be requested to resubmit your application if your supporting documents need to be updated.

04 Complete Your Application Fee Payment
The application fee needs to be successfully paid after the first round of review.

05 Second Round Application Review
Your application will be reviewed by distinguished committees of the schools at Beijing Forestry University.

06 Wait to Hear from Us

FIND A SUPERVISOR

Researcher	Research Filed	Email
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CONTACT US

Application Related Questions

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Program Related Questions

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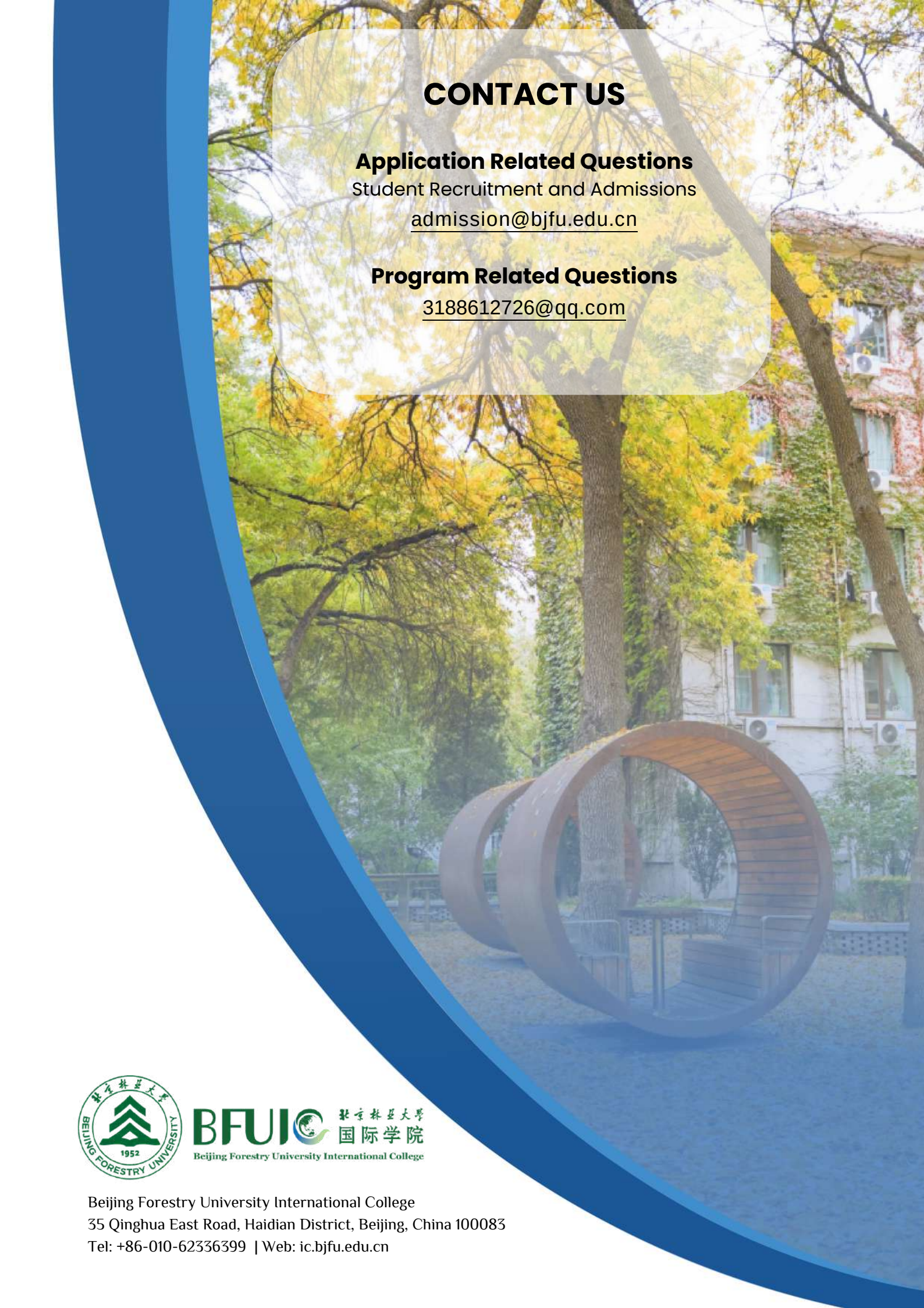

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