

# Beijing Forestry University Prospectus 2026

**Discover Your Next Chapter in** 

Forestry

## Welcome to the School of Forestry.

#### **OVERVIEW**

Beijing Forestry University's School of Forestry boasts a research-oriented legacy spanning seven decades. Through out its illustrious history, the School has been rooted in China's forestry, ecological environment construction and sustainable development. It stands as the core base for nurturing and assembling top-tier innovative talents in the field of Forestry within China and is recognized as the national innovation center of forestry science and technology.

#### **ACADEMICS**

The first-level discipline of Forestry consistently holds the top rank in China in all previous assessments conducted by the Ministry of Education. In 2017, it secured its place as a "Double First-class" construction discipline on the national level. Currently, it is a nationally recognized first-level key discipline in Forestry (comprising three second-level national key disciplines in Forest Cultivation, Forest Manager and Forest Protection), a key discipline in soil science at the municipal level in Beijing, and a key discipline of cartography and geographic information system under the State Forestry Administration. Within the field of forestry three secondary disciplines flourish: Urban Forestry 、Smart Forestry and Forest Science.

#### **RESEARCH FACILITIES**

The School boasts state-of-the-art facilities for teaching and research. It houses 3 key and open laboratories co-established with the Beijing Ministry of Education, The Laboratory of Forest Cultivation and Ecosystem Research in Arid and Semi-Arid Areas, the Laboratory of Forest Resources and Environmental Management and the Laboratory of Forest Protection Science. Additionally, there are 2 municipal-level key laboratories: the Beijing Key Laboratory of Forest Pest Control and the Beijing Key Laboratory of Precision Forestry. Furthermore, the college has 5 scientific research institutions, including the Mapping and 3S Technology Center, Urban Forestry Research Center, Blueberry Research and Development Center, Forestry Climate Change Research Institute, and Forestry Biomass Energy Research Institute.

## How will we help you acquire the skills you'll need?

#### STUDENTS AND STUDY

Tailoring our education to meet individual student needs and backgrounds, the School of Forestry is dedicated to nurturing high-level, application-oriented and compound forestry professionals. Our students gain a solid foundation in forestry, comprehensive professional knowledge, mastery of modern forestry technology, fundamental research skills, and robust practical capabilities. The school is a dynamic hub of activities, offering field trips, a lively student society, and an international summer program in collaboration with the University of British Columbia, Canada.

#### **FIELD TRIPS**

Field trips constitute an integral component of our core courses. We have numerous domestic plantations and native forest areas used for teaching and research. Our students gain hands-on experience in various forest farm bases, benefiting from the rich plant diversity in China. Observation and research stations in Taiyue Mountain, Shanxi, and Qilaotu Mountain serve as pivotal research centers. Furthermore, practical courses and activities are conducted at Changbai Mountain Base, the Southern Base of Fujian Sanming, and The Northern Base of Pingquan. These stations and bases provide an ideal setting for the study of native forests spanning five temperature zones.

#### **CAREERS AND OPPORTUNITIES**

Forestry has long played a pivotal role in the economy, but we are seeing a growing awareness of the multifaceted roles that forests play, given that their environmental and social significance. The School offers an array of engaging and diverse courses, encompassing subjects ranging from the sciences to policies. The diverse curriculum equips you with a broad spectrum of career prospects. Knowledgeable foresters and resource management professionals are in demand worldwide.

We eagerly anticipate your growth and development with us in 2024!

## PROGRAMS OFFERED IN ENGLISH

The School of Forestry at Beijing Forestry University offers the following degree programs taught in English:

- Master's in Forestry (Professional Degree)
- Ph.D. in Forestry

#### **Graduate Degree Requirements**

• Master's Degree in Forestry (Professional Degree)

**Duration: 3 years** 

Requirements: Completion of a thesis and earning 25.5 credits in total. This includes 21.5 credits of course study and 4 credits from compulsory courses. Within the course study, there is a requirement of 16 credits for degree-specific courses, and the course study must be completed within one academic year.

• Ph.D. Degree in Forestry

**Duration: 4 years** 

Requirements: Completion of a dissertation and earning a total of 22.5 credits, This includes 13.5 credits from coursework and 9 credits from required courses. Within the course study, there is a requirement of 12 credits for degree-specific courses, and the course study must be completed within one academic year.

# RESEARCH DIRECTIONS

forest cultivation, forest conservation, forest management, forestry, forest soil science, urban forestry.

### **Examples of Courses Offered at the Postgraduate Level**

- Forest Ecology
- Special Topics of Silviculture
- Sustainable Forest Management
- Forest Pest Control
- Global Ecology
- Forestry Technology Frontier
- Invasion Biology
- Remote Sensing Technology and Application
- Advanced Forestry Ecology
- Molecular Plant Pathology
- Urban Forestry Research

# **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**

- Find Your Program and Review the Admission Requirements
  Check your eligibility and find the best program for you.
- O2 Submit Your Application Form and Required Documentation
  Complete your admission application form and select your scholarship application intention in the <a href="https://example.com/student">BFU International Application Portal</a>
  (bifu.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

NAME	EMAIL	RESEARCH DIRECTIONS
Jia Liming	jlm@bjfu.edu.cn	Cultivation theory and technology of scenic and recreational forest, development of urban forestry resource management information system based on GIS, cultivation theory and technology of fast-growing and high-yield forest, cultivation theory and technology of energy forest, dynamic simulation of forest growth and management technology, interaction mechanism of mixed forest species
Zhengyang Hou	houzhengyang@bjfu.edu.cn	Researching at the interface of statistics, remote sensing and forest inventory including national forest inventory. Prospective doctoral students must have a strong background with proven proficiency in statistics, programming, publication and English.
Gao Lushuang	bienka987@163.com	Tree growth process simulation, forest resource monitoring and evaluation
Duan Jie	duanjie@bjfu.edu.cn	Cultivation theory and technology of timber and energy forest, cultivation theory and technology of ecological forest and urban forest, cultivation theory and seedling
Xi Benye	benyexi@bjfu.edu.cn	Theory and technology of poplar forest cultivation, water relationship of plantation, root structure and function
Zhang Lingyun	lyzhang@bjfu.edu.cn	Fruit development mechanism and quality control of economic forest (fruit tree); Molecular mechanism of tree resistance
Feng Zhongke	fengzhongke@126.com	Forest management, surveying and mapping science and technology, photogrammetry and remote sensing
Zhang Xiaoli	zhang-x1@263. net	Forestry remote sensing and information, resource monitoring and information management, integration and application of geographic information technology
Lu Pengfei	lpengfei224@126.com	Chemical ecology of forest insects
Shi Juan	shi_juan@263.net	Forestry Invasive Alien Species, plant quarantine, invasive biomolecular detection
Huang Huaguo	hawkhhg@263.net	Forestry quantitative remote sensing, forestry information technology
Sun Yujun	sunyj@bjfu.edu.cn	Theory and technology of forest sustainable management, forest resource monitoring and model
Jia Zhongkui	jiazk@bjfu.edu.cn	Timber forest cultivation theory and technology Ecological forest and urban forest cultivation theory and technology Theory and technology of forest seed and seedling cultivation
Xu ChengYang	cyxu@bjfu.edu.cn	Construction and management of urban forest  Urban forest ecological processes  Assessment of urban forest ecosystem service function  Non-profit forest management  Arboricultural physiology and ecology

Wang Jia	wangjia2002_0@163.com	Research and development of carbon sink measurement and monitoring equipment and model of Sencao Remote sensing extraction of forest structure information and its impact on ecological environment Response of forest vegetation to climate change and human activities
Tian Di	tiandi@bjfu.edu.cn	Global Change Ecology: Impacts of environmental change on terrestrial ecosystems - Phenomena, mechanisms and applications (forests, grasslands and croplands)
Wang Minggang	minggangwang@bjfu.edu.cn	aboveground-belowground; interactionsmicrobial-mediated plant-soil feedback ; plant defense against herbivorous nematodes/insects;soil food webs as indicators of environmental changes
Yu Qiang	yuqiang@bjfu.edu.cn	Study on the complexity theory of ecological spatial network.Application of quantitative remote sensing in forestry.  Study on carbon use efficiency of forest ecosystem
Yan Fei	515961945@qq. com	Research on satellite navigation positioning technology, photogrammetry and remote sensing technology in forest resource survey
Huang Jixia	huangjx@bjfu.edu.cn	Geographical spatiotemporal analysis, remote sensing intelligent computing.  Recent main research work: Based on spatial and temporal big data analysis of geographic information and remote sensing deep learning computing model, monitoring and identification, mechanism mining and risk warning of forest resources, environmental pollution and geo-environment.
Zong Shixiang	zongsx@126. com	Monitoring and warning and ecological control technology of forest borer pests
Fan Xinlei	434535665@qq.com	Forest pathology, classification of pathogenic fungi in forest trees
Fu Yujie	yujie_fu@163.com	Basic and applied research on functional components of forest resources
Meng Dong	mengdongjlf@163.com	Tree sugar alcohol signaling and secondary metabolite regulation, secondary metabolite accumulation and stress resistance breeding of economic trees
Yang Qing	yang.qing1020@163.com	Regulation and development of secondary metabolites in economic forest and molecular mechanism of stress resistance
Yang Ling	YangLing2024@bjfu.edu.cn	Molecular mechanism of embryonic stem cells in morphogenesis during somatic embryo development; Conservation and sustainable utilization of rare and endemic medicinal plants under forest in the cold region
JinHaojie	haojie@bjfu.edu.cn	plant secondary metabolites which have pharmaceutical or health-promoting properties, and try to use microalga as chassis to produce high-value bioproducts through synthetic biology and metabolic engineering pipelines. We also invent different molecular toolkits and optimize microalga from various aspects to make them a better microbial cell factory.
Hou Zehai	houzehai@bjfu.edu.cn	focuses on the evolutionary mechanisms underlying forest pest reproductive behavior. Specifically, I focus on how ecological and social factors drive the evolution of male signaling traits, female mating preferences, and intersexual interactions. Using the insect vector of the pine wood nematode as a model system, our lab integrates behavioral ecology and evolutionary biology to study the evolution of mating behavior and secondary sexual traits in natural populations. We aim to unravel how natural and sexual selection collectively shape the species behavior, life history, and morphology.

