

Doctoral Programme of Landscape Architecture

I Discipline Profile

The degree in landscape architecture aims to cultivate highly skilled professionals with applied research abilities and innovative thinking. These professionals will be engaged in scientific research and practical work related to landscape architecture theory and technology, planning and design, engineering and construction, protection and management, and innovation of plant germplasm resources in landscape architecture. The degree also focuses on the cultivation of new varieties, breeding and cultivation, and industrialization technology. The programme is designed to provide a comprehensive education for students with a professional background in landscape architecture. The doctoral degree in landscape architecture primarily serves the research, teaching, technology, and management of landscape architecture, urban and rural construction, environmental protection, forestry, cultural heritage, and tourism management for industry authorities, colleges and universities, scientific research institutes, enterprises, and institutions. The Doctor of Landscape Architecture degree primarily serves professionals in the fields of landscape architecture, urban and rural construction, environmental protection, forestry, cultural heritage, and tourism management. This includes industry authorities, colleges and universities, scientific research institutes, and enterprises and institutions engaged in research, teaching, technology, and management of landscape architecture. In September, the State Council's Academic Degrees Committee and the Ministry of Education released the Catalogue of Disciplines and Majors of Postgraduate Education (2022). The catalogue unifies the original first-level disciplines and professional degrees and arranges them according to their respective disciplines. The first-level disciplines of 'Landscape Architecture (0834)' and 'Landscape Architecture (0953)', which belong to engineering, have been adjusted to 'Landscape Architecture (08)' and 'Landscape Architecture (08)'. The field of Landscape Architecture (0862) has undergone a comprehensive transformation in graduate education, resulting in a professional degree type.

The discipline of Landscape Architecture was established based on the Department of Forestry Cultivation, which was granted doctoral authorization in 2013 and approved to set up a post-doctoral research station in 2014. Landscape architecture is a significant discipline in Yunnan Province, classified as a peak B discipline and a key discipline of the State Forestry and Grassland Administration. It has various platforms, including the Southwest Landscape Architecture Engineering

Technology Research Centre of the State Forestry Administration of the PRC and the Key Laboratory of Garden Plants and Ornamental Horticulture of Universities and Colleges in Yunnan Province. The Southwest Landscape Architecture Engineering Technology Research Centre of the State Forestry Administration and the Key Laboratory of Landscape Plants and Ornamental Horticulture in Yunnan Province are present. The four directions covered are landscape garden planning and design, landscape garden plants, landscape resources and heritage conservation, and landscape garden theory and new technology.

II Main Research Directions

1. Landscape Planning and Design

The student is primarily involved in professional research related to the planning and design of natural and outdoor spaces, including territorial spatial planning, regional landscape and ecological environment planning, urban and rural green space system and ecological infrastructure planning, and recreation planning. Additionally, the student is involved in urban public space design, green park space design, landscape architecture and plantscape design.

2. Gardening Plants

This direction focuses on evaluating and breeding garden plant germplasm resources, as well as propagating, cultivating, and maintaining garden plants, as well as research on garden ecology and the application of garden plants, the introduction and domestication of garden plants and floral resources, protection and conservation, germplasm innovation, selection and breeding of new varieties, industrialization of garden plants, protection and restoration of old and valuable trees, and the evaluation of garden plants and biodiversity conservation.

3. Landscape Resources and Heritage Conservation

It is mainly engaged in the survey of landscape resources in world heritage sites and national parks, identification and assessment of landscape resource values, protection and restoration of landscape resources, and research on early warning of landscape resources. Specifically, its areas of studies includes national parks, heritage sites, scenic spots, nature reserves, nature parks, traditional gardens, historical landscapes and special geomorphological areas, and theme parks.

4. Landscape Architecture Theory and New Technology

This direction is mainly engaged in research on the history, methods, theories, and cutting-edge technologies of landscape architecture. Specifically, it includes research on the origin, evolution, development and change of landscape architecture and cultural background, as well as ecological restoration techniques such as environmental impact assessment, waste land renovation, wetland

restoration and regeneration, regional ecosystem construction techniques such as greening of special habitats, rainwater management, and microclimate creation, the application of new technologies such as digitalization, intelligence and information technology in landscape architecture.

III Cultivation Objectives

The discipline cultivates students with correct worldview, outlook on life, and values, abiding by laws and regulations, possessing good moral qualities and academic cultivation, possessing a strong sense of career and innovation. Upon graduation, the students possess strong academic ethics and literacy, thoroughly and systematically mastering interdisciplinary research theories related to landscape architecture, as well as relevant knowledge and methods in landscape resources and sciences. The students are committed to advancing the modernization of agricultural and rural areas along with the construction of ecological civilization, capable of independent teaching, scientific research, and management work in related fields.

IV Graduation requirements

1. Academic Achievement. Doctoral students must demonstrate a high level of academic achievement throughout their studies, maintaining a satisfactory GPA and completing all coursework. Each PhD candidates must publish at least 1 peer review journal article closely related to the doctoral thesis.

2. Research Project and Dissertation. The dissertation must be original and scholarly work which contributes to the field of study. It should demonstrate the student's ability to conduct independent research, analyze data, and present findings in a coherent and scholarly manner.

3. Language Proficiency. Through the study of Compulsory courses "Chinese Language" and "An Outline Introduction to China", a total of 6 credits, be proficient in using Chinese, understand Chinese culture and the development of contemporary China. Encourage and support the use of Chinese for writing dissertation. Upon graduation, students should pass HSK4 (Chinese proficiency test, level 4).

V Programme Duration

Candidates are typically expected to finish their studies within 3 years, with a maximum limit of 6 years.