

生命科学院招生简章

Enrollment Brochure of the Faculty of Life Sciences (FLS)

I. FLS' Introduction

Currently, the FLS has a total of 26 faculty members, of whom 25 are full-time teachers, including 2 professors, 6 associate professors, 8 lecturers and 8 teaching assistants. Among the full-timers, 13 hold the master degrees, 12 are “dual-qualification” teachers and 7 are testers for national occupational skills appraisal.

The FLS offers 2 college-level featured specialties of horticulture technology and food quality and safety as well as 4 pillar disciplines of forestry technology, garden technology, environmental monitoring and control technology and food nutrition and testing, in accordance with the province's and the prefecture's plans and their implementation opinions on developing bio-industries, the characteristic bio-industry, traditional Dai medicine and Southern Medicine. Now, it has 8 classes of the three-year program and the other 5 classes of the five-year program.

According to the guiding ideology manifested by “One main line”, “Double certificates” and “Three integrations”, it launches a distinctive talent training mode highlighting all-round education, ability cultivation, college-enterprise cooperation and combination of work and study. Meanwhile, it has supportive channels to assist students to seek their undergraduate studies in provincial key universities after graduation.

II. FLS' Programs

1. Food Quality and Safety

[Features] This food safety-oriented program is launched to build an occupational qualification and operation skill testing center for food inspectors in Xishuangbanna, through which, students can obtain their professional certificates for food inspectors at or above the intermediate level upon graduation.

[Employment Orientation] Graduates can seek employment in food and drug administrations, entry-exit inspection and quarantine bureaus, customs, testing centers of scientific research establishments, large-sized food enterprises, public institutions and the like, engaged in food and drug supervision and management, food quality inspection and food safety analysis. Their employment rates reach 98% .

2. Horticulture Technology

[Features] This program is particularly designed for tropical gardening and landscaping with prominent regional advantages, hence giving students superiority in landing a job or starting a business.

[Employment Orientation] Graduates can seek employment in the sectors of agriculture, commerce, garden management, working on the producing, processing, marketing and management of tropical horticultural plants or on horticultural service, development and promotion, floral designing and landscaping. Their employment rates are over 99%.

3. Forestry Technology

[Features] This program, a beneficiary of local tropical rainforest resources, particularly trains students to master techniques in connection with the cultivation of precious tree species while promoting new technologies like the one named 3S (RS: remote sensing, GIS: geography information systems and GPS: global positioning system) for forest resource management in the forestry industry.

[Employment Orientation] Graduates can seek employment in the forestry field's enterprises and public institutions and ecological engineering construction units, working on forest seedling production, forest cultivation and survey, forest resource monitoring, forestry investigation, planning and design, forest resource information management, forestry administrative management, etc.

4. Environmental Monitoring and Control Technology

[Features] This program is to mould a professional talent training system by use of local environmental and ecological advantages. As a post vocational ability cultivation-centered system prominently featuring students' learning practices, cultivation processes and qualities, it greatly highlights their skills development.

[Employment Orientation] Graduates can seek employment in enterprises and governmental authorities involving environmental protection, scientific research and pollutant treatment, working on

environmental monitoring, inspection and analysis and pollution management.

5. Plant Protection and Quarantine Technology

[Features] This program, which has distinctly interdisciplinary, comprehensive and regional identities, pays special attention to students' practical skills development and professional qualities.

[Employment Orientation] Graduates can seek employment in government sectors at different levels like import and export quarantine inspection departments, customs and food and drug safety supervision authorities or work on pesticide marketing and pest prevention and control in grassroots state-owned land reclamation farms and wooded lands and parks.

6. Garden Technology

[Features] This program especially fosters students to master skills concerning garden planning and design by optimizing local tropical floral and regional preponderances, consequently they having an advantage in job hunting and business startup after graduation.

[Employment Orientation] Graduates can seek for employment in corporate and public sectors such as gardening or urban construction departments and flower production and marketing companies as well as city and forest parks, natural scenic spots, property management entities, flower art design firms and real estate development corporations, working on landscape design, landscape construction, garden engineering project

management or for self-employment. Graduates' employment rates are over 99%.

7. Food Nutrition and Testing

[Features] This program trains students to acquire technical expertise especially on occupational qualities, food inspection and testing, public nutrition guidance and nutrition matching required by local relevant industries, enterprises and careers. Graduates can land jobs right upon graduation.

[Employment Orientation] Graduates can seek employment in enterprises and public institutions associated with food quality supervision, food testing and nutrition and health management or in large and medium-sized food establishments, working on food quality testing and analysis, food quality control, quality management and testing, nutrition matching and health guidance.