

## **医学院招生简章**

### **Enrollment Brochure of the Faculty of Medical Science ( FMS )**

#### **I. FMS' Introduction**

The FMS of Xishuangbanna Vocational and Technical College offers 5 three-year programs for senior high school candidates, covering nursing, traditional Dai medicine (TDM), pharmaceutical production technology, rehabilitation technology and traditional Chinese medicine as well as 1 five-year nursing program for junior high school applicants. For aiding its students' practical training, internships and researches, it carries out cooperation with different establishments inclusive of 15 off-campus medical institutions, 2 county-level hospitals of the non-directly affiliated type (the People's Hospital of Jinghong City and the State-owned Farm Hospital of Xishuangbanna), 1 prefectural-level hospital (the People's Hospital of Xishuangbanna Dai Autonomous Prefecture), and 3 pharmaceutical factories. Both its nursing and TDM programs are the key ones with the former funded by the central government, and the provincial-level latter constructed as a model for the province's vocational colleges.

#### **II. FMS' Faculty Members**

The FMS, formerly known as Xishuangbanna Health School merged into Xishuangbanna Vocational and Technical College in July 2003, has 35 teaching and administrative personnel formed by 34 full-time teachers, including 2 professors, 6 associate professors, 6 lecturers and 20 teaching assistants, among whom, 29 obtaining the bachelor degrees, 1 the doctoral degree and the other 4 the master degrees.

### **III. FMS' Training Mode**

The FMS caters to cultivating socially-useful applied talents with clinical experience and practical abilities by cooperating with pharmaceutical factories, enterprises, hospitals and other institutions through the “2+1” mode (the three-year program) and the “4+1” mode (the five-year program).

### **IV. FMS' Programs**

#### **1. Nursing**

**[Features]** This nursing program trains desirable personnel with basic nursing theories and skills as well as good professional ethics, humanistic qualities, clinical experience and practical abilities to cater for medical services for clinical institutions and communities and families and other social needs. Its main courses focus on human anatomy, physiology, nursing psychology, health assessment, nursing pharmacology, basic nursing, emergency nursing, medical nursing, surgical nursing, obstetrics and gynecological nursing, pediatric nursing, psychiatric nursing, Chinese nursing and nursing management. Students can register for examinations for acquisition of vocational qualification certificates of child-care and lactation stimulation.

**[Employment Orientation]** This program recruits senior high school graduates and their junior counterparts with the three-year program being for the former and the five-year program for the latter. The FMS collaborates with the No. 1 People's Hospital of Kunming City and Yan'an Hospital as well as some local hospitals in Xishuangbanna, where

students can have specified internships and training in inviting environments and employment opportunities in medical units, individual clinics and community health and medical service centers/stations across the province. In addition, students can participate in annual national and provincial nursing skills competitions, and second prize winners in provincial-level contests or above can be directly enrolled for their undergraduate studies in the province after graduation. So far, it has had three students of this type admitted by Kunming Medical University. Employment rates of its graduates under the three-year and five-year programs are 94.6% and 92.65% respectively.

**[Enrollment Plan]** The FMS plans to recruit 150 senior high school sign-ups (under the three-year program) and their 150 junior counterparts (under the five-year program) in 2019.

## **2. Pharmaceutical Production Technology**

**[Program Features]** This program is to foster competent personnel to meet the needs of social development in the areas of the production and utilization of raw materials and pharmaceutical preparations, drug analysis and inspection and drug production management.

Its main courses center on practical pharmacology, biological drug production techniques, biological separation and purification technology, pharmaceutical preparation production technology, chemical raw material production and operation, chemical raw material lab test technology, chemical raw material pilot test technology and reactors, drug testing technology and quality control, operation and maintenance of

pharmaceutical production equipment, pharmaceutical regulations and management, etc.

**[Employment Orientation]** This program, relying on rich TDM resources and southern medicine in Xishuangbanna, has off-campus training bases in local pharmaceutical companies such as Banna Pharmaceuticals Company, Jianlong Pharmaceutical Factory, Jiutai Pharmaceutical Company and Yixintang Medical Chain Enterprise. Year-end employment rates of its graduates, usually employed by pharmaceutical factories, pharmacies and hospital pharmacies, reach 93.33%.

### **3. Traditional Dai Medicine (TDM)**

**[Features]** This program aims to train innovative professionals qualified in preventing and treating diseases of common, frequently-occurring and endemic types and conducting clinical treatment, medical precaution, health care and rehabilitation in the medical and health field and the modern health service industry as well as inheriting, applying and promoting TDM on the basis of traditional Chinese medicine (TCM) and the TDM's "*Si Ta and Wu Yun Theory*", of which, the former deems that the material life of a human body is composed of the four essential elements, namely wind, fire, water and earth, with the latter indicating various organs, sensations, perceptions, thoughts and expressions of a human body.

Its main courses involve physiology, human anatomy, medical microbiology and immunology, pathology, TCM basics, TDM basic

theories, TDM diagnostics, TDM pharmacology, TDM formulas, TDM traumatic injury and orthopedics, TDM obstetrics and gynaecology, TDM pediatrics and TDM physicians.

**[Employment Orientation]**The FMS has cooperation with local medical entities like the People's Hospital of Xishuangbanna Dai Autonomous Prefecture (XDAP), the TDM Hospital of the XDAP and the other two non-affiliated hospitals, where its students can have promising internships and practices and channels for their employments by medical units, individual clinics and community health and medical service centers/stations as well as various pharmaceutical factories. Employment rates of its graduates reach 95.83%.

#### **4. Rehabilitation Technology**

**[Features]**This program is oriented at training students to be specialized talents to cater for the needs of the development of medical and health services in the country. Trained with prescribed theories and skills and decent professional ethics, students can become all-round users of techniques of rehabilitation assessment and treatment in their future positions.

Its main courses consist of human anatomy and kinesiology, basic physiology and pathology, clinical diagnosis, basics of clinical diseases, rehabilitation assessment technique, physical factor therapy technique, sports therapy technique, occupational therapy technique, speech therapy technique, traditional rehabilitation therapy technique, rehabilitation therapy technique characteristic of common diseases.

**[Employment Orientation]** Graduates usually seek for their jobs in clinical rehabilitation departments of general hospitals, specialized rehabilitation hospitals and community health service institutions (community rehabilitation stations), and rehabilitation establishments like civil affairs bureaus, disabled persons' federations and multifarious organizations providing services for the elderly and children as well as special education schools, centers for rehabilitation and behavior development of children with cerebral palsy and health-building institutions. Graduates have priorities to be admitted into the West Yunnan University of Applied Sciences, a second-tier institution in the province.

**[Enrollment Plan]** The FMS plans to enroll 50 full-time students (under the three-year program) in 2019.

## **5. Traditional Chinese Medicine (TCM)**

**[Features]** This program trains talents skilled in the identification of medicinal materials as well as TCM's test, purchase, sale, dispensing, storage, maintenance, processing and cultivation. Its major courses are inclusive of traditional Chinese pharmacology, practical prescriptions and Chinese patent medicines, medicinal plants identification technology and TCM practical chemical technique, TCM identification technology, TCM processing technique and TCM preparation technique.

**[Employment Orientation]** Graduates mainly choose to work in TCM business enterprises, TCM dispensaries of hospitals, TCM production

enterprises, TCM tablet processing enterprises, in charge of wholesales and retails of TCMs, the production of Chinese patent medicines and the dispensing, maintenance and inspection of Chinese drugs or in TCM-related sectors. Students can have targeted internships and practices in Yixintang Medicine Chain Enterprise (YMCE), which greatly contributes to their employments.

**[Enrollment Plan]**The FMS has “YMCE-targeted Classes” and plans to recruit 50 full-time students under the three-year program in 2019.

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