Computer Science & Technology

1. School System

Four years (including two-year junior college to undergraduate), after completing the required credits and passing the graduation thesis defense in this major, you will receive a "**Bachelor of Science**" degree.

2. Training Objectives

The aim of this major is to cultivate well-rounded talents with a patriotic spirit and an international outlook. You will acquire a systematic knowledge of computer science theories and have the ability to design and develop systems, operate and maintain them, and analyze or process big data. After graduation, you will be qualified to work in high-tech enterprises or administrative departments. The expected outcomes for graduates of this major within five years are:

(1) Having a broad vision and a solid professional technical foundation, becoming a technical leader or a management expert in the big data industry.

(2) Having a strong foundation in computer software and hardware technology and becoming a technical leader or a senior executive in the Internet software industry.

(3) Mastering computer science research methods and pursuing further studies to become a scientific researcher in the field of computer science.

(4) Having excellent computer technology application skills and becoming a core member or a manager in domestic and foreign enterprises, institutions, and education departments.

(5) Cultivating comprehensive development in moral, intellectual, physical, aesthetic, and labor aspects, having sustained development potential and innovative spirit, and becoming an interdisciplinary applied talent.

3. Main Courses

Advanced Programming Languages, Computer Networks, Computer Architecture, Operating Systems, Data Structure and Algorithms, Database Systems, Electronic Technology and Digital Circuit, Introduction to Artificial Intelligence, Digital Image Processing, Text Analysis and Mining, Virtual Reality Technology.

4. Employment Direction

Primarily involved in technical tasks such as development, management, testing, operation and maintenance for domestic and foreign internet companies. Some pursue further studies for a master's degree.
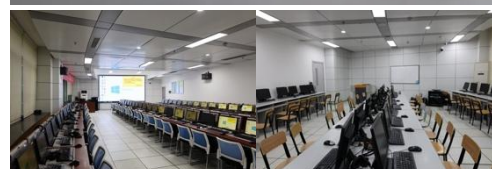
5. Specialty Characteristics

Emphasize the application of the latest technologies, such as artificial intelligence, metaverse and big data. All teachers have industry experience.

Our school's senior professor Chen Deren gave a lecture to teachers and students.

ACM competition scene

School of International Business Labs Center