
Training Objectives

This major aims to cultivate students who adapt to China's new urbanization construction and rural revitalization strategy, meet the needs of regional economic and social development, develop morally, intellectually, physically, aesthetically and laborably, master the basic theoretical knowledge, engineering skills and management methods of the virtuous social cycle process of urban water system, have the ability of teamwork, pioneering and innovative and independent learning, practice the core values of socialism, have a sense of social responsibility and sustainable development, have humanistic qualities, professional ethics and innovation and entrepreneurship awareness, and can be able to ensure water quality safety, In the fields of sewage treatment and recycling, comprehensive improvement of water environment, building water supply and drainage, smart water affairs and engineering management, engaged in design, construction, operation, management and preliminary research and development, and can serve high-quality application-oriented engineering and technical talents in water supply and drainage science and engineering and related industries.

Students of this major are expected to achieve the following goals about 5 years after graduation:

(1) Be able to practice the core values of socialism, uphold the concept of sustainable development, actively fulfill social responsibilities, have a sound personality and good humanities and social science literacy, and abide by professional ethics and engineering ethics.

(2) Be able to adapt to the development requirements of the field of water supply and drainage science and engineering, have the professional knowledge related to the comprehensive application of water supply and drainage science and engineering, be able to engage in the design, construction, operation, management and other work in related fields, have the ability of preliminary research and development, and have the ability to serve as an engineer or professional technical leader.

(3) Have good teamwork spirit and certain organizational and communication skills, and be able to play a team role and management role in the water engineering project team such as engineering planning, design, construction, operation and

management;

(4) Have the awareness of innovation and entrepreneurship, independent learning and lifelong learning, and be able to continuously learn and apply new theories, new methods, new technologies and new equipment in the fields of water supply and drainage science and engineering to solve complex engineering problems in related fields.