

Financial Engineering

1. School System

Four years, after completing the required credits and passing the graduation thesis defense in this major, you will receive a "Bachelor of Economics" degree.

2. Training Objectives

This major is aimed at the financial service needs of financial institutions and enterprises in the Yangtze River Delta region. It cultivates professional talents who love the motherland, have correct perspectives, master basic theories of financial engineering, possess abilities in financial information analysis, quantitative calculation, investment application, risk control, financial settlement, and other aspects. They are capable of developing and managing financial products, as well as real-time monitoring of trading processes in industries such as securities, funds, and banks, Or versatile talents engaged in financial data analysis and management, financial settlement, and investment and financing services in domestic and foreign financial companies, consulting institutions, large and medium-sized enterprises, etc. The expected goals for the students trained in this major over a period of about 5 years are:

(1) Professional technical personnel with certain securities investment analysis and trading abilities, able to engage in information extraction, processing, and application in the securities industry, and proficient in using various software on securities investment platforms.

(2) A scientific researcher who possesses relevant knowledge in economics and finance, is proficient in quantitative investment research and analysis of financial products and their derivatives, and provides theoretical support for financial institutions such as securities companies.

(3) Financial data analysts with the ability to use securities software, trade, and analyze various types of data.

(4) Industry managers who are able to judge, analyze, and research macroeconomic trends and related types of assets of the company, have a certain degree of market foresight, and are able to master asset evaluation, financial settlement, investment and financing services in the market.

3. Main courses

Finance, statistics, econometrics, financial engineering, securities investment, futures and options, financial metrology, international finance, financial science and technology, big data and finance, financial risk management, corporate finance, etc.

4. Employment direction

In recent years, some graduates have entered universities such as the University of Essex, East China University of Political Science and Law, Shanghai International Studies University, and Shanghai University for further education. Some have also worked in banking systems such as Hangzhou United Rural Commercial Bank, Ningbo Bank Hangzhou Branch, and Taishun Rural Commercial Bank. Additionally, some have worked at Hangzhou Tonghuashun Data Development Co., Ltd. and Zhejiang Provincial External Service Company Ningbo Branch I work for well-known consulting and service companies such as Hangzhou Jinxi Information Technology Co., Ltd.

5. Professional characteristics

Financial engineering is a key major of the university. The characteristic of this major is "quantitative investment". Emphasize the cultivation of students' practical ability in "quantitative investment", build a virtual simulation laboratory platform, create a "production, learning, and research" platform jointly managed by schools, enterprises, and majors, and jointly cultivate students' practical ability in "quantitative investment" with relevant enterprises such as Tonghuashun Company, Caitong Securities, Telecom Wing Payment Financial Center, Shenzhen Guotai Min'an, Hangzhou Haitong Securities, Xixi Software Park, etc.



Our school's entrepreneurship and sustainable financial accounting research members went to the company for research.



Our school's innovation and entrepreneurship student office location - co-creation space.



Students take classes in the Financial Quantitative Investment Lab.



Our college held the "Song Rhyme-Zhejiang Tide" Innovation and Entrepreneurship Fair.



Our students won the first prize of the Zhejiang Provincial Securities Investment Competition and the first prize of the Financial Innovation Competition.