



Master Program in Energy Finance and Energy System Analysis

Founded by Academy of Chinese Energy Strategy, the International Master Program in Energy Finance and Energy System Analysis features a cross-discipline research field based on two first-level disciplines: Management Science and Engineering, and Applied Economics, with second-level disciplines including Finance and Industrial Economics. It is a cutting-edge and multidisciplinary research direction established by CUPB through integrating its advantage disciplines of management and economics. Also as an emerging academic discipline, it is designed to meet the urgent need for the development of China's energy industry. The program aims to train students into future talents specialized in high-level economic management and academic research, particularly in energy field. Through the program, graduate students are expected to be equipped with solid professional knowledge base and good knowledge structure, and be capable of using the knowledge to analyze and solve real energy economy system problems.



RESEARCH DIRECTION

- (1) Energy Strategy and Policy System Analysis
- (2) Financial Engineering and Risk Management
- (3) Oil and Gas Investment Decision and Project Management
- (4) Energy Economy and Market Analysis
- (5) Energy Finance

Notes: (1)-(3) belong to the first-level discipline Management Science and Engineering, and (4)-(5) belong to the first-level discipline Applied Economics.

COMPULSORY COURSES

- ◆ Financial Economics
- ◆ Financial Engineering
- ◆ Intermediate Microeconomics
- ◆ Advanced Econometrics
- ◆ Investment
- ◆ Energy System Models
- ◆ Intermediate Macroeconomics
- ◆ Subject and Frontier Foreign Literature Reading
- ◆ Operation Research
- ◆ Energy Finance Topic
- ◆ Energy Economics
- ◆ Management System Engineering

CAREER PROSPECTS

The graduate students of the program are future talents for high-level economic management and academic research, who are well developed morally, intellectually and physically, master modern economic management theory and methods, and meet the needs of social development. The program is designed to offer high potential professionals for government, large and medium-size enterprises, banks and financial organizations, economic research organization, universities and research institutes, and especially for organizations and enterprises related to oil and gas and energy, engaging in economic analysis, economic management, scientific research, teaching, etc.



COORDINATION:

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