

## **Master Program of Science of Business Administration**

### **Program Objectives**

Master program of Science of Business Administration is a course designed for those international students who have acquired BA /BSc degrees or above prior to applications. This course seeks to equip international students with systematic knowledge of Chinese business administration in academia as well as in research; as a result, it is tailored for business managers and active researchers. Through this course, students will achieve the following objectives:

- Be familiar with the ways in which business administration has evolved overtime;
- Firmly grasp characters of Chinese business reform and business development;
- Be able to apply research methodologies and analyses managerial issues by using statistics, game theory and other relevant research methods or theories;
- Be able to carry out research independently

### **Main Courses**

Compulsory courses: China Panorama, Chinese, Organizational Behavior, Research Methods on Business Administration, Strategic Management, Finance Management, Human Resource Management Marketing, Microeconomics, Macroeconomics

Optional courses: Chinese Industrial Policies and Business environment, Chinese Culture and Business Etiquette, Chinese Corporate governance, Project Management, Chinese Consumer Behavior, Management Statistics, Chinese Writing and Advanced Chinese, Management of Multinational Company, Dissertation Writing.

### **Faculty**

This program is supervised by a team of 81 full-time teachers, among whom 20 professors, 39 associate professors; 54 doctors, and 19 post-doctorates. There are 53 experts, among whom 15 are professors and 38 assistant professors, most of whom are young and middle-aged under 45.

### **Duration**

2.5 years

### **Credits and Certification**

Thirty-six to forty two credits. Qualified students will be granted certificates of graduation and Degree of Master of Management Science of Business Administration.

### **Instruction Language**

- All the courses are delivered in English except some of Chinese language courses.
- Dissertation is required to be written in English

## **Master Program of Entrepreneurship**

### **Program Objectives**

Master program of Science of Business Administration is a course is targeted to students with a passion for entrepreneurship in for-profit, non-profit, and public sector contexts. It is designed to enable students to: prepare for and to develop a career in business and management, provide insights into the historical and current ideas in entrepreneurship, provide students with a clear understanding of the issues in financing and marketing that face the entrepreneur.

## **Main Courses**

Foundations of Entrepreneurship, Management and Organization Theory, Social Entrepreneurship, Entrepreneurship and Venture Management, Entrepreneurial Leadership and Team Management, Entrepreneurial Marketing, Special Topics in Management, Preparing Effective Business Plans

## **Program Requirement**

It consists of 28 credit hours: Business Foundation (10 credit hours), Entrepreneurial Core (15 credit hours), Electives (3 credit hours). It normally takes 2 ½ years to complete the resident program. Students are required to take taught modules and prepare an individual dissertation or an extended business plan.

## **Faculty**

Fan Jun, PhD Professor, Entrepreneurial Marketing

Xiang GuoPeng, PhD Professor, Entrepreneurship Ecosystem

Wu Bo, PhD Professor, Entrepreneurship and Venture Management

Li Chang, PhD Associate Professor, Foundations of Entrepreneurship

Jiang Xin, Associate Professor, Entrepreneurship Education

## **Duration**

2.5 years

## **Credits and Certification**

28 credits required. Qualified students will be granted certificates of graduation and Degree of Master of Management Science.

## **Instruction Language**

- All the courses are delivered in English except some of Chinese language courses.
- Dissertation is required to be written in English

## **Master Program of Tourism Management**

### **Program Objectives**

The Program of Master of Tourism Management aims to cultivate high-end compound tourism professionals who have good moral characters, international view, and solid bases of theoretical knowledge, high level of professional skills, excellent management qualities and innovation abilities.

### **Research Directions**

Master program in Tourism Management aims to equip students with a solid and deep theoretical foundation, fluently English and management competencies.

There are six research directions as below:

A) Transformation and industrial upgrading of tourism enterprises:

B) Tourism Economy and Management:

C) Urban and Rural Tourism Planning and Management:

D) Tourism Destination Development and Management

E) Tourism Resources and Heritages Protection and Management

F) International Hospitality Management:

### **Main Courses**

Tourism Transformation Theories and Practices, Tourist Decision - making Methods and Statistical Analysis, Tourism Economic Analysis, Tourism Planning Theories and Methods, Research of Travel Agency Operation and Management , Hotel Business Management, Attractions Management, Application and Management of Wisdom Tourism, Tourism Planning Techniques and Case Studies, Exhibition and Festival Management, Theory and Research Methods of International Tourism Management, Hotel Management and Case Studies, Investment and Management of Tourism Projects ,and so on.

## **Faculty**

There are 34 qualified and competent faculty members in the school. The academic staffs have a wide range of research interests and have been involved in several major research projects sponsored by government. More than 90 percent of teachers hold doctorate degrees and more than 50 percent of faculties have the oversea studying or working experience. There are three doctoral supervisors and 20 master tutors. There are 8 professors; 13 associate professors, including 2 second level selected candidates of Zhejiang Province "151 Talents Project"; 2 Zhejiang young discipline leaders.

**Length of Study:** 2.5 years

**Required Credits:** Thirty-three credits are required

## **Certificate of Graduation and Degree**

Qualified students will be granted certificates of graduation and Master Degree of Management.

## **Instruction Language**

- All the courses are delivered in English except some of Chinese language courses.
- Dissertation is required to be written in English

## **Master Program of Statistics (Business Data Management)**

### **Program Objective**

This program is designed to bring up senior specialized statistical talents who

possess good basic statistical knowledge, as well as proficient skills for data process and analysis. Student will be well trained in analyzing big data, especially for business data and management, and will become internationalized and highly-competent talents for business intelligence and business data analysis. The graduates are not only competent for basic statistical works in financial institutions and companies, but also eligible for market survey, economic information analysis, macroeconomic decision making and other economic managements. They would also be exposed to China's politics, economy and culture so that they can participate and contribute to friendly exchanges and cooperation between China and their own country. The graduates can build their career in multiple choices, such as multinational corporation, bank, security, insurance, consulting agency, government management department and education institute.

### **Program Requirement**

The program demands the students have a sound foundation in economics, management and finance. They will master the basic theory of statistics, statistical methods, and have a preliminary ability in statistical designing, survey project designing, data collection, data processing and quantitative analysis. They also should understand the situation and development tendency of regional and national economy and be familiar with the skills for analysing and management of business data. Finally they can make full use of information technology and marketing research methods, and will be good at collecting and utilizing business intelligence and commercial intelligence, which could service for enterprise decision.

### **Main Courses**

**Degree Courses:** Outline of China, Chinese, Statistics, etc.

**Compulsory Courses:** Applied Regression Analysis, Business Statistics, Applied Multivariate Analysis, Financial Time Series Analysis, etc.

**Elective Courses:** International Economics, Corporate Finance, Marketing Survey, Nonparametric Statistics in Finance, Financial Data Mining, Management

Decisions and Analysis, Advance Chinese Writing, Professional Chinese

### **Faculty**

Our faculty with 37 qualified teachers is outstanding, including 12 professors and 24 associate professors, most of them have overseas experience. All of the teachers have Doctor's degrees. Of all members, one teacher obtained his Ph.D. in Indiana University, and one teacher get a postdoctoral fellow at Cornell University in USA. These teachers can teach in English. They not only have ample experience in teaching, but are also good at doing research to support teaching.

**Duration:** 2.5 years

### **Credits and Certification**

Twenty-four credits are required. Qualified students will be granted certificates of graduation and Master Degree of Economics.

### **Instruction Language**

- All the courses are delivered in English except some of Chinese language courses.
- Dissertation is required to be written in English

## **Master Program of International Trade (Chinese Business)**

### **Program Objectives**

This master program is designed for international students who are interested in international trade and China's business. In this program, there will be courses like Modern Economics, International Economics, China's Policies of International Trade,

International Trade and Practice, Chinese Business Law and other eight courses. Students are expected to have a better understanding of the main theories in economics, of the latest development of China's economy since the reform in late 1970s and of China's international trade, especially the trade between China and the home country of the students. The program aims to help students master the economic theories well and succeed in applying these theories into analyzing the economic issues around us.

### **Main Courses**

The courses focus on training qualified personnel with skills in international trade in the field of Chinese business by enhancing their abilities of analyzing and capabilities of dealing with real issues in business and trade.

Degree Courses: Outline of China, Modern Economics, International Economics,

Compulsory Courses: China's Policies for International Trade, China's Policies for Finance , Practice of International Trade and Simulated Experiment

Elective Courses: Marketing Strategies in China, Enterprise Management in China, Development of E-commerce in China , China's Contemporary Economy, China's Law for Business and Trade, Comprehensive Chinese

Practice: Social Practice

### **Faculty**

The outstanding academic programs are led by 76 faculty members and 22 of these are full professors. Most faculty members have studied overseas or had research experience abroad. The school of Economics also provides students with the opportunity to study in international academic institutions in US, Canada, UK,



Australia, Japan, Denmark and other countries. And two professors have been awarded the title of young experts with outstanding contribution in Zhejiang Province.

**Required Credits:** Thirty-six credits are required, including 6 credits for dissertation.

### **Certificate of Graduation and Degree**

Qualified students will be granted certificates of graduation and Master Degree of Economics.

### **Instruction Language**

- All the courses are delivered in English except some of Chinese language courses.
- Dissertation is required to be written in English

## **Master Program of Finance (International Finance)**

### **Program Objectives**

This program aims to equip senior specialized financial professionals with,

- Basic economical theories and methods
- Operating mechanism of capital market
- Pricing model of various financial instruments
- Insurance theory
- Foundational calculus
- Risk management models

Through two and half years of study, students are expected to be able to analyze management problems by using econometric and statistical methods, and possess the

ability to do scientific research work independently and innovatively.

### **Main Courses**

Degree Courses:

Introduction of China, Chinese, Intermediate Macroeconomics, Monetary Economics , Intermediate Microeconomics, Intermediate Econometrics

Compulsory Courses: Investment, Financial Economics, Insurance, Financial Institution Management, Corporate Finance

Elective Courses: Game Theory, Financial Data Mining, Financial Derivatives, Behavioral Finance, Fixed Income Securities, Corporate Theory, Actuarial Science , Sports, Chinese Writing

### **Credits and Certification**

Thirty-six credits are required, including dissertation. Qualified students will be granted certificates of graduation and Master Degree of Economics.

### **Instruction Language**

- All the courses are delivered in English except some of Chinese language courses.
- Dissertation is required to be written in English

## **Master Program of Environmental Science and Engineering**

### **Program Objectives**

The Master Program for International Students in SESE admits non-Chinese speaking foreign students or overseas Chinese with undergraduate degree diploma or Bachelor degree. Based on the first-grade discipline “Environmental Science and

Engineering”, the students will be trained in two areas: Environmental Science and Environmental Engineering. The main courses of the program include Principles of Process Engineering, Frontier Lectures on Environmental Science and Engineering, Environmental Pollution Simulation and Control, Environmental Biology, and Experiment Design and Data Analysis, combined with Literature Review, Book Report and Dissertation, the program aims to train high-level professional talents with solid theory basis, professional skills, broad scope of knowledge, strong adaptability and creativity, who are able to undertake scientific research or engineering design of waste water, exhaust gas and solid wastes control and treatment.

### **Program Requirement**

1. Master solid foundation theory, systematic specialized knowledge and skills;
2. Understand the modern theory and technology development level, and the development trends of the research direction at home and abroad;
3. Possess the ability of designing the environmental science and engineering research project, and transforming the principle of pollution prevention and restoration technology research and achievements;
4. The subject of dissertation should have theoretical or applied value.

### **Main Courses**

Compulsory Courses: Process Engineering Principles, Frontier Lectures on Environmental Science and Engineering, Environmental Pollution Simulation and Control, Environmental Biology, Experiment Design and Data Analysis.

Optional Courses: Data Simulation Technology of Waste Water Treatment, Theory and Engineering of Waste Water Treatment, Membrane Technology for Waste Water Treatment, Advanced Separation Engineering, Solid Waste Disposal and Resource Utilization Engineering, Research Methods on Solid Wastes Ecotoxicology, Electric Dust Removal Theory and Technologies, Latest Treatment Technologies of Exhaust Gas, Molecular Environmental Ecology, Environment Biological Treatment Technologies, etc.

## **Faculty**

SESE has 42 teachers, including 1 distinguished professor of the Zhejiang Province “Thousand Plan”, 2 distinguished professors of the Zhejiang Province Institutions of Higher Learning “Qianjiang Senior Talent”, 8 teachers of Zhejiang Province in the new century “151”, 4 young and middle-aged academic leadings of Zhejiang Province Institutions of Higher Learning. After years of development, SESE has established a creative and sustainable team of research and education, including 3 doctoral supervisors, 25 master's supervisors, 12 senior titles and 25 associate professors. Besides with 7 Registration of Eia Engineers, 3 Registered Environmental Protection Engineers, 1 Registered Utility Equipment Engineer, teaching and scientific research conditions of SESE have reached advanced level in the Zhejiang Province.

**Duration:** 2.5 years

## **Credits and Certification**

Thirty-six credits are required. Qualified students will be granted certificates of graduation and Master Degree of Engineering.

## **Instruction Language**

- All the courses are delivered in English except some of Chinese language courses.
- Dissertation is required to be written in English

## **Master Program of Information and Communication Engineering**

## **Program Objectives**

This master program is designed for international students who must have an undergraduate degree in electrical engineering or a related field such as computer science or engineering and are interested in information and communication engineering. The program aims to help the students to gain the theoretical and professional knowledge in a selected field of information and communication engineering, and to have a good understanding of the directions of academic research. In this program, the students will develop their analyzing, designing, experimental, academic writing and problem solving abilities through courses, labs, project studies and independent research.

## **Main Courses**

### **Major: Communications and Computer Networking**

**Degree Courses:** Comprehensive Chinese, Outline of China, Stochastic Processes and Queueing Theory, Network Information Security and Data Processing, Network Information Exchange Technology, Network Programming and Embedded System Developing

**Elective Courses:** Optical Fiber Communication, Data Mining and Knowledge Discovery, Internet of Things, etc.

### **Major: Signal and Information Processing**

**Degree Courses:** Comprehensive Chinese, Outline of China, Linear System Theory, Pattern Recognition, Signal Detection and Estimation, Modern Signal Processing

**Elective Courses:** Wireless Sensor Network, Digital Image Processing, Radio access networks, Modern ASIC Technology, etc.

**Length of Study:** 2.5 years

**Required Credits:** At least 35 credits are required to get the graduation certification,

including 1 credit for social practice and 6 credits for thesis.

### **Certificate of Graduation and Degree**

Qualified students will be granted certificates of graduation and Master of Engineering.

### **Instruction Language**

- All the courses are delivered in English except some of Chinese language courses.
- Dissertation is required to be written in English

## **Master Program of Computer Science and Technology**

### **Program Objectives**

Cultivate talents of complex high-level computer science and technology personnel with a high overall quality, innovation and adaptability. Combined with the professional advantages of disciplines, focus on training students to master the network computing, visual media computing, service computing, large data processing, Internet application system analysis and design and other areas of solid theoretical knowledge, training students hands-on programming, analysis, algorithm design, teamwork and communication skills, and independent research and development in the forefront of scientific knowledge, system development and project management. Provide qualified Internet application system design and development personnel for the community, as well as the field of scientific research and teaching talent.

### **Main Courses**

Advanced Operating Systems, Advanced Computer Architecture, Artificial Intelligence, Multimedia Information Processing, Information Security Technology, Object-Oriented Analysis and Design, Intelligent Client Applications Development, Machine Learning, Visibility Analysis, Design and Implementation of Embedded System, High-Performance Communication Networks, Parallel Computing and Application, Image Processing and Pattern Recognition.

### **Program Requirement**

Graduates should master the computer professional knowledge and skills, should be qualified for positions of research, teaching, application development and management in the departments of computer related industry and should be good at communicating with people and working as a group leader.

### **Faculty**

The Teaching team is composed by 14 teachers, 10 professors and 4 associate professors. All of the teachers have Doctor's degrees. All of the teachers can teach in English. They not only have ample experience in teaching, but are also good at doing research to support teaching.

**Duration:**2.5 years

**Required Credits:** 30 credits are required to get the graduation certification.

### **Certificate of Graduation and Degree**

Qualified students will be granted certificates of graduation and Master of Engineering.

### **Instruction Language**

- All the courses are delivered in English except some of Chinese language courses.

- Dissertation is required to be written in English

## **Master Program of Circulation Engineering and Technology Management**

### **Program objective**

This program aims at nurturing advanced innovative talents with hardworking, adaptable, creative, competitive, problem-solving, strong research abilities as well as profound knowledge of management, who will be able to apply management methods, quantitative-and-qualitative systematic analysis and engineering technology to solve theoretical and practical problems in the planning, managing and financing fields of commodity circulation such as retailing, wholesaling and logistics, and will be able to have the sustainable learning and potential improvement ability to understand the knowledge and development trend of related fields, be able to engage in certain teaching and research work, be able to master a foreign language to read foreign literature materials proficiently.

### **Major Courses**

Public Elementary Courses: Dialectics of Nature and Scientific Socialism、 Foreign Language for Master Candidate, The Circulation Theory Frontier Approach, Extensive Foreign Literature Reading

Professional Basic Courses: Introduction to Management、 Advanced Applied Statistics、 Introduction to E-commerce、 Circulation Economy、 Project Engineering

Interdisciplinary Selective Courses: Logistics and Supply Chain Management, Logistics Center Planning and Designing, Operations Research, Transport and Warehouse Management, Production Operation Management, Theory and Approach



of Information System, Innovation on Internet Business Modes, Technology and Application of Cloud Computing, Social Network Analysis, Systems Modeling and Simulation, Designing and Planning of Commercial Facilities, Site Selection and Appraisal of Commercial Facilities, Program Management for Large-scale Commercial Facilities, Multi-objective Design and Program Management, Data Mining and Statistics Analysis, Parallel Distributed Computing, Machine Learning, Data Visualization

### **Program Requirement**

#### **1. Talent Cultivation Mode**

The talent cultivation mode is combined with supervisor responsibility system and collective cultivation by supervisor group, as well as the international cooperative cultivation and school-enterprise joint cultivation.

The training mode is the combination of course learning, practice training and academic dissertation.

Student's autonomous study will be taken as the main teaching method, combined with in-class teaching and discussion to encourage students to write book reports.

Supervisors are responsible for formulating and modifying the individual training planning for Ph.D. candidates to organize book report task, guide scientific research, thesis proposal and dissertation.

#### **2. Length of School**

According to the Regulations of School Roll for Postgraduates at Zhejiang Gongshang University, the length of school for Master candidates is 2.5 years (elastic learning system). The credit system is adopted during the postgraduate degree course, which requires the Master Degree Candidate to earn all the credits according to the training scheme before the thesis defense. Postgraduates are encouraged to do relative research about the dissertation. The time gap between literature review & thesis proposal and dissertation defense should be more than 8 months for academic postgraduate.

### 3. Thesis Proposal and Dissertation

#### (1) Thesis Proposal.

Literature reading and thesis proposal is an indispensable part of postgraduate cultivation. Thesis proposal should be proposed by the end of the third semester, which includes literature review, research content, research significance, research methods, expectant goal and schedule. After the review by the supervisor, panel of experts composed of 3 doctor's supervisors with professor's title should be organized to participate the thesis proposal defense. Master Degree Candidates who can pass the thesis proposal defense can continue the dissertation.

#### (2) Dissertation.

Dissertation is the comprehensive training for Master Degree Candidates to conduct scientific research, and also an important part to cultivate their ability to make full play of the theoretical knowledge to analyze and solve problems. It takes at least one year to engage in scientific research and degree thesis writing

Dissertation should be combined with research task and the topic should be of important theoretical and realistic significance about circulation economy and relevant fields. Both the supervisor and panel of experts should be strict with the selected topic, strengthen the supervision and guidance of the thesis writing. The dissertation must be a well-arranged, concise, systematic and complete academic thesis with clear concept, correct theoretical foundation, precise argumentation, correct calculating, reliable data, as well as clarified charts. Based on sufficient research and survey, the dissertation topic should be of academic value and progressive significance to national economy.

During the degree course, Master Degree Candidates should be academically qualified for all the modules of cultivation planning. At least 1 academic paper should be published in provincial academic journals or above before thesis defense. Only after the review of the Graduate School can the Master Degree Candidate be approved to attend the thesis defense. 2 outside experts should review the dissertation with the title of associate professor or above. The Oral Defense Committee should be composed of 3-5 experts within and outside school with the title of associate professor

or above, and the experts outside school are obligatory.

## **Faculty**

Our teaching staff are mainly based on two first-class disciplines---- Management Science and Engineering, Statistics, among which the first one was listed as the provincial key support discipline in 2002, provincial A-level key discipline in 2005, be authorized to construct E-commerce and Logistics Optimization Innovation Team and E-commerce Technology Innovation Team by Department of Education of Zhejiang Province in 2009 and 2010 respectively. The discipline of Statistics was awarded as provincial key support discipline in 1998, provincial key discipline in 2002, provincial key construction major in 2003, provincial A-class key major in 2005, the first key research base for Humanities & Sciences among Zhejiang provincial universities in 2006, National-level featured major construction in 2007, Zhejiang provincial teaching team in 2008, innovation team among Institutions of higher learning in Zhejiang province in 2009, national-leveled teaching team awarded by Ministry of Education in 2010, the provincial twelfth Five-Year-Plan dominance specialty in 2012. In the 2012 China Discipline Ranking organized by the Ministry of Education, statistics ranks No. 5 as the first-class discipline.

There are 2 experts of national-level Thousand Talent Programs, 1 expert of provincial Thousand Talent Programs, 1 expert receiving Special Allowance from the State Council, 1 talent of New Century Talent Supporting Project by Ministry of Education, 1 provincial young expert with outstanding contribution, 1 provincial Qiantang River Scholar distinguished professor, 37 candidates for provincial 151 Talent Program, 13 provincial young discipline leaders, 1 provincial distinguished teacher, 1 excellent young teacher, 2 university-level Westlake Scholar, 43 professors, 111 associate professors( teachers with the title of associate professor or above account for 81%) in our teaching team.

**Duration:** 2.5 years

## **Credits and Certification**

At least thirty credits are required. Qualified students will be granted certificates of graduation and Master Degree of Management.

### **Instruction Language**

- All the courses are delivered in English except some of Chinese language courses.
- Dissertation is required to be written in English

## **Master Program of Circulation Economy and Management**

### **Program objective**

1. Enable students to have a broad international academic perspectives, extensive knowledge and ability to explore the academic frontier;
2. To master the comprehensive knowledge of Circulation and Management, to obtain the ability to analyze the phenomenon and regularity of this field.
3. To know the pattern of circulation economy and its management, thoroughly understand International Law about Circulation, and to have international communication ability and managerial competence.
4. Enable students to analyze and research on circulation economy and consuming data; enable students to gather information and material to analyze, judge and make decisions with the aid of modern means.

### **Major courses**

Public elementary courses: Dialectics of nature and scientific socialism; English for master students; Frontier theory of Circulation; Intensive reading of professional English literature.

Basic major courses: Intermediate microeconomics; Intermediate Application Statistics; Introduction to Electronic Commerce; Circulation Economics; Macro

Marketing.

Required courses for Circulation organization orientation: Organization theory of Circulation Industry; Circulation Platform and ecosphere; Strategy for Circulation Enterprises.

Required courses for Circulation Planning and Management: Circulation facilities and Commercial Network; Logistics system planning and designing; Circulation Strategy and Business Policies.

Required courses for Consumer behaviors and statistics orientation: Large data mining and statistical analysis; Consumer analysis and experiment; Market Analysis and forecast

Required courses for Business model and channels orientation: Business model design and channel innovation; O2O system design and operation;

Supply chain integration and management.

### **Program requirement**

#### 1. Training Model

Students will be supervised by the joint work of a group of advisors led by one chief supervisor; they will also be put on programs jointly set up with foreign universities and outside enterprises.

Students are required to study certain number of courses, participate in practice and finish a dissertation.

Students are encouraged to be self-oriented in their study; classroom lecturing and discussing is the basic method of teaching, and students are encouraged to hand in book reports.

Supervisors are responsible for the making and adjusting of training plans, preparing for book reading reports and thesis proposals as well as guiding students through the process of research and writing the dissertation.

#### 2. Length of program

This program will be in accordance with Zhejiang Gongshang University's

regulations on post graduate management. The basic time span of this program is 2.5 years and flexible length of study is allowed. A credit-based system is applied and students are required to get the credits stipulated in the training plan. Students are encouraged to start their research work concerning dissertation as soon as they are enrolled.

The time span between the day students hand in their literature reviews and proposals and the day of dissertation defense should be no less than 8 months.

### 3. Research proposal and dissertation

A. Research proposals should be handed in before the third semester, which should include literature review, research content, significance of research, research plan, expected results and writing schedule, etc. The dissertation proposal should be firstly reviewed by the supervisor

B. Dissertation: Writing dissertation is a process of comprehensive academic research training of master students; it is an important part of training students to analyze and solve problems with what they learn. A minimum of one year's time is required to spend on academic research and dissertation writing. Students should choose research questions with theoretical and practical significance about Circulation economy and management, which is preferred to be based on their routing academic research. Supervisors and advisor groups should play a strict role on topic selection and dissertation writing. Dissertation must be a systematically integrated academic paper, which should meet requirements as follows: clarified concepts; correct points made; rigorous elaboration; precise calculation; reliable data; clear writing layouts; concise writing; obvious icons. Basing on investigation, students should choose significant topics about Circulation economy development with certain academic value.

Students of this master program must finish the entire task as written in the training plan with qualified academic achievements. At least one thesis must be published in academic journal with official registration number of or above provincial level. Dissertation must be approved firstly by the graduate school and reviewed by two professors from other universities before oral defense. The defense judges should

consist of 3-5 professors from ZJGSU and other universities.

### **Faculty**

ZJGSU has over 200 full time faculty members engaged in the research, teaching and social service in the field of Circulation, among which over 50 are full professors, and over 100 are associate professors. 90% of the faculty members have doctoral degrees, of whom 20 professors are doctor supervisors, over 100 are master supervisors and 3 professors are sponsored by the provincial “1000 talents plan”. Most professors are from the business related departments, and through collaboration with professors from other background such as Computer Science, Food Engineering, Logistics Engineering, a strong faculty is formed with members of different generations and interdisciplinary capability.

**Duration:** 2.5 years

**Required Credits:** At least thirty credits are required to get the graduation certification.

### **Certificate of Graduation and Degree**

Qualified students will be granted certificates of graduation and Master of Economics.

### **Instruction Language**

- All the courses are delivered in English except some of Chinese language courses.
- Dissertation is required to be written in English

## **Master of Laws (LLM) Program (Chinese Civil & Business Law)**

### **Program Objectives**

According to regulations of the Ministry of Education of China and the overall educational goal of programs in Zhejiang Gongshang University for International Students, the Program aims to develop students' comprehensive knowledge in Chinese civil and business law, law practicing skills and legal ethics through theoretical courses and practical courses. The mission of the program is to educate excellent international legal professionals specializing in Chinese civil and business law.

### **Main Courses**

Degree Courses:

Introduction of China, Chinese I, Chinese II, Jurisprudence, Chinese Judicial System and Legal Ethics, Contract Law, Business Organizations Law

Compulsory Courses:

Foreign Trade Law, Civil Procedure Law

Selective Courses:

Legal Chinese, Legal Writing, Intellectual Property Law, Insurance Law, Chinese Business

### **Program Requirement**

Through this program, the students are expected to acquire as follows:

- 1) Comprehensive knowledge in legal theories;
- 2) Comprehensive understanding of Chinese legal system;
- 3) Systematic knowledge in Chinese commercial and business law;
- 4) Necessary legal skills needed to practice law under Chinese legal systems;
- 6) Better foundation of Chinese language skills, especially in legal writing and communication.



## **Faculty**

School of Law has 99 full-time faculty members, amongst whom are 19 full professors and 37 associate professors. Up to date, more than half faculty members have been overseas for studying and doing research. 15 have earned doctoral degrees or master's degrees from some internationally renowned universities located in the United States, Canada, the United Kingdom, Australia and Japan. Currently, the number of faculty members ranks the nation's top 10 law schools. Many senior scholars enjoy national reputations in their fields, including the Law of Procedures, International Law, Civil Law and Business Law. Most scholars have been widely recognized at provincial level. In addition, a number of law professors and scholars from the United States and the United Kingdom have been appointed as guest professors to teach courses in the fields of foreign laws or comparative laws. So far, School of Law has two full-time foreign professors. They are Professor Suzannah Linton (from the United Kingdom) in International Criminal Law and International Human Rights Law and Professor Margarita Vladimorova (from Russia) in International Law.

**Duration:** 2.5 years

**Required Credits:** 29 credits are required to get the graduation certification.

## **Certificate of Graduation and Degree**

Qualified students will be granted certificates of graduation and Master of Laws (LLM).

## **Instruction Language**

- All the courses are delivered in English except some of Chinese language courses.
- Dissertation is required to be written in English

# **Master of Laws (LLM) Program (Sciences of Economics in Rule of Law)**

## **Program Objectives**

The program is aimed at training master candidates with comprehensive knowledge and adequate researching competence in the field of Sciences of Economics in Rule of Law. The candidates shall be able to:

- Be cooperative and innovative in both the fields of Economics and Rule of Law,
- Master the theories and methodologies of Rule of Law, respond to international and domestic cutting-edge economic issues, and engage in researching in Sciences of Economics in Rule of Law, and
- Analyze and put forward solutions to problems regarding Economics and Rule of Law.

## **Main Courses**

### **Part I Degree Courses**

Micro and Macro Economics

Jurisprudence

Economics in Rule of Law

### **Part II Compulsory Courses**

Economic Law

### **Part III Optional Courses**

Constitutional Law and Administrative Law

Civil Law and Civil Litigation Law

Criminal Law and Criminal Litigation Law

International Law

## **Program Requirement**

The master degree candidates shall accomplish the following requirements under

the supervision of their tutors:

1. Make a personal study plan,
2. Finish the literature review and draft the research proposal,
3. Participate in social practice activities,
4. Publish academic papers in accordance with requirements, and
5. Finish the master's thesis.

## **Faculty**

Currently, there are 22 full professors and 13 associate professors working for this program. As follows, there are three research directions, all of which are led by outstanding faculty staff.

1. Basic Theories in Economics in Rule of Law (8 full professors and 4 associate professors)
2. Economic Crimes and Economic Criminal Law (12 full professors and 4 associate professors)
3. International Law and Global Economic Governance (6 full professors and 5 associate professors)

**Duration:** 2.5 years

**Required Credits:** 29 credits are required to get the graduation certification.

## **Certificate of Graduation and Degree**

Qualified students will be granted certificates of graduation and Master of Laws (LLM).

## **Instruction Language**

- All the courses are delivered in English except some of Chinese language courses.
- Dissertation is required to be written in English

## **Master Program of Linguistics and Applied Linguistics in Foreign Languages**

### **Program Objectives**

The 2.5-year MA program “Linguistics and Applied Linguistics in Foreign Languages” is provided by the School of Foreign Languages at Zhejiang Gongshang University. It aims to cultivate innovative teaching and research talents who are able to teach in universities and colleges with solid and systematical theory and practice ability. After this program, the students will be able to grasp the current affairs of global political, economical and social development; be able to master the basic theoretical knowledge of linguistics and applied linguistics and the academic development; be able to do scientific research and professional teaching independently with excellent spoken and written English application skills; be able to understand and apply the general methods for English teaching and research; be able to read and analyze the relevant literature materials and use computer devices to academic researches; be able to acquire a second language (Chinese);

Postgraduates are required to get enough credits by completing the degree courses, compulsory courses and optional courses. Great importance should be attached to compulsory course study so as to master the theoretical knowledge as well as the systematic expertise of linguistics and applied linguistics. Various teaching methods can be adopted such as lecturing, teacher-student discussion, self-study and book report, etc., according to the characteristics of the course. Teachers should focus on how to inspire postgraduates to acquire in-depth thinking and rational judgment, to cultivate their abilities in analyzing and solving problems. Options of interdisciplinary courses are encouraged as well. Thesis is an important part of postgraduates’ cultivation, which equips postgraduates with the capability of doing scientific research, comprehensive abilities in independent discovering, analyzing and solving problems, rigorous academic attitude and practical learning attitude.

## **Main Courses**

The program will provide such main courses as basic Chinese, Advanced English Reading and Writing, English Pedagogy, Academic English Writing ,Linguistic Theory, Foreign Language and Literature Research Methods, ESP Theories and Research Methods, Hot Issues in English Teaching ,Discourse Analysis, Comments on Business English Translation, Theory and Practice of Business English, Language Learning and Technology, etc.

**Length of Study:** 2.5 years

**Required Credits:** At least 35 credits are required to get the graduation certification.

## **Certificate of Graduation and Degree**

Qualified students will be granted certificates of graduation and Master Degree of Arts in Linguistics and Applied Linguistics in Foreign Languages.

## **Instruction Language**

- All the courses are delivered in English except some of Chinese language courses.
- Dissertation is required to be written in English

## **Master Program of Design Management**

### **Program Objectives**

Adhering to the development goals "development of disciplines for the local economic development , scientific research for professional teaching and personnel

training , " , relying on the advantages of the school business platform, integration of design and business management disciplines, combined with computer-aided large data analysis, to establish comprehensive cross of the training model of design, management and computer science . At the same time, the service of Zhejiang business transformation, brand strategy and creative industry development, dynamic design management integration of upstream and downstream industry production resources, improve school-enterprise collaboration training methods to enhance the international level of education. Through the concise discipline advantages and characteristics, to enhance the level of personnel training, optimize the direction of discipline set up to cultivate high-level design management talent to serve national and local brand strategy and creative industry development.

### **Program Requirement**

1. Master the basic knowledge of the basic theory and system of design management, have the computer-aided data analysis ability, and dare to innovate, be good at thinking, understand the subject and its research direction within the academic achievements and development trends.
2. Has the ability to engage in scientific research, teaching work and specialized design management, and has strong writing ability, interpersonal communication ability and teamwork ability.
3. With a broad artistic vision and strong design and use of skills, skilled control of the design process and market-oriented design operation, the depth of integration of enterprises, markets, product development and user experience.

### **Main Courses**

Design methodology, Market research and design strategy research, Management principles, Design form language application research, Design management

### **Faculty**

Art design currently has 59 full-time teachers, including 5 senior teachers, 26

associate professors,30 middle-level teachers, 8 junior teachers; 10 doctoral teachers, 11 teachers with overseas experience.

Business Administration currently has 189 full-time teachers, including 34 senior teachers, 88 associate professors, 59 middle-level teachers, 6 junior teachers, 127 professors and 93 overseas teachers.

Computer science and technology currently has 52 full-time teachers, including 13 senior teachers, 31 senior teachers, 8 middle-level teachers; 45 doctoral teachers, with overseas experience teachers 31 people

**Length of Study:** 2.5 years

**Required Credits:** No less than 30 credits

### **Certificate of Graduation and Degree**

Qualified students will be granted certificates of graduation and Master of Design.

### **Instruction Language**

- All the courses are delivered in English except some of Chinese language courses.
- Dissertation is required to be written in English

## **Doctor Program of Science of Business Administration**

### **Program Objectives**

Science of Business Administration is designed for those international students who have acquired Master degrees or above prior to applications. This program seeks

to further cultivate PhD students and equip them with advanced knowledge of Chinese business administration in academia as well as in research; as a result, it is tailored for business managers and active researchers. Throughout this program, students will achieve the following objectives:

- Master basic theories and systems with in-depth expertise
- Be able to do independent work in the scientific research fields
- Master the ability to make scientific and technological innovations

### **Main Courses**

Degree course: Outline of China, Chinese Language, Organizational Behavior, Business Administration Research Methods, and Strategic Management.

Optional course: China Industrial Policy and Trade Environment, Chinese Culture and Business Etiquette, Company Management, Project Management, Management Statistics, Multi-National Corporation Management, Chinese Consumer Behavior, Chinese Writing, Professional Chinese, Financial Management, Human Resource Management, Marketing Topics.

### **Faculty**

This program is supervised by a team of 81 full-time teachers, among whom 20 professors, 39 associate professors; 54 doctors, and 19 post-doctorates. There are 53 experts, among whom 15 are professors and 38 assistant professors, most of whom are young and middle-aged under 45.

**Length of Study:** 3 years

**Required Credits:** 12-14credits

### **Certificate of Graduation and Degree**

Qualified students will be granted certificates of graduation and Doctor Degree of Master of Management Science of Business Administration.



## **Instruction Language**

- All the courses are delivered in English except some of Chinese language courses.
- Dissertation is required to be written in English

## **Doctor Program of Accounting**

### **Program Objectives**

The doctoral program in Accounting offers broadly based, interdisciplinary training that develops candidates' skills in: future senior management positions in financial management, accounting or auditing departments of large enterprises or governmental organizations; conducting leading-edge research in universities or other research institutions.

### **Program Requirement**

Students are expected to complete their program in 3 years, with the extension to a maximum of 6 years. Typically, the first year is spent on coursework and then another two years on dissertation writing and research work. Students are also required to complete a minimum of 13 credits in the area of business management theory, economic theory, empirical research methods and accounting and finance theories.

### **Main Courses**

**Compulsory courses:** Outline of China, Chinese, Research Methods on Business Administration, Accounting and Corporate Finance Theory

**Optional courses:** Chinese Industrial Policies and Business environment,

Chinese Culture and Business Etiquette, Chinese Corporate governance, Management of Multinational Company, Organizational Behavior, Strategic Management, Literature on Accounting Research

### **Faculty**

This program is equipped with a talented group of qualified lectures and researchers. Among the 51 full-time academic staffs (a total of 62 staffs ) are two PHD supervisors, ten professors, twenty-seven associate professors, thirty-one PhDs (including post-doc research fellows), as well as seventeen Certified Public Accountants (CPAs).

**Length of Study:** 3 years

**Required Credits:** No less than 13 credits

### **Certificate of Graduation and Degree**

Qualified students will be granted certificates of graduation and Doctor Degree of Management.

### **Instruction Language**

- All the courses are delivered in English except some of Chinese language courses.
- Dissertation is required to be written in English

## **Doctor Program of Financial Statistics and Risk Management**

### **Program Objectives**

The Ph.D. program trains students as research statisticians who develop new statistical methodology especially in Finance area. This program is for graduate students who wish to obtain positions as research statisticians in academia, government, or industry. Also students will be exposed to China's politics, economy and culture so that they can participate and contribute to friendly exchanges and cooperation between China and their own country.

### **Program Requirement**

Each August, the department will administer one written qualifying exam. Students may elect to take the exam at the end of year 1. Students who fail an exam may take it again the following year. Students who fail more than once will be dismissed from the program. Students advance to candidacy after passing both exams and completing required coursework.

Each student admitted to the PhD program, a doctoral advisory committee will be formed in the first year of training. The student's committee (advisory or research) will consult with the student at least once per year to help the student determine his/her course of graduate study, develop a research program, approve the student's course selections, and review the student's progress in all areas.

A dissertation is required. The dissertation represents original methodological research by the student. The research should be of sufficient quality to merit publication in peer-reviewed journals. After passing the qualifying exam, students should begin the process of identifying a dissertation topic. The dissertation proposal is an oral exam intended to demonstrate to the statistics faculty that the student is prepared to begin research. The student will make an oral presentation that outlines the proposed research, including summaries of related work and descriptions of the techniques that will be used.

## **Main Courses**

**Training Courses:** Basic Chinese, Advanced Spoken Chinese, Applied Chinese Translation, Introduction to China, etc.

**Compulsory Courses:** Risk Management, Corporate Finance, Nonparametric Statistics in Finance, Regression Analysis in Finance, Applied Multivariate Statistical Analysis.

**Reading courses (after qualify exam):** specific to students' own research topic.

Elective courses: Monetary and Banking, Financial Management, Macroeconomics, Microeconomics, Investments in Securities, Introduction to Insurance and Actuarial, Chinese Economic Statistical Analysis, Data Mining, etc.

## **Faculty**

The Teaching team is a principal member of the national teaching team by six professors and 12 associate professors. All of the teachers have Doctor's degrees. Of all members, one teacher obtained his Ph.D. in Indiana University, one teacher get a postdoctoral fellow at Cornell University in USA. And there are 10 teachers studied abroad or worked in foreign countries. These teachers can teach in English. They not only have ample experience in teaching, but are also good at doing research to support teaching.

**Length of Study:** 3 years

**Required Credits:** No less than 14credits

## **Certificate of Graduation and Degree**

Qualified students will be granted certificates of graduation and Doctor Degree of Economics.

## **Instruction Language**

- All the courses are delivered in English except some of Chinese language

courses.

- Dissertation is required to be written in English

## **Doctor Program of Food Science**

### **Program Objectives**

The food science PhD training at Zhejiang Gongshang University will fully implement Chinese government's education policy, under the guiding ideology of "education oriented to the modernization, to the world and to the future". Comprehensive training programs are designed and delivered to train students to acquire solid fundamental knowledge and proficient professional skills. Graduates of this program will have the capacity and competence to conduct high level teaching and researches in food science disciplines and to engage R&D researches and management roles in food industry.

### **Main Courses**

Outline of China

Chinese Language

Each PhD candidate must obtain no less than 6 credits from selected courses of his/her subject discipline. The candidate should consult with his/her supervisor(s) about the choices of courses.

### **Faculty**

The School of Food Science and Bioengineering has 113 staff (72 academic staff and 41 technical and administration staff), of which are 26 professors and 37 associate professors. A large number of our academic staff is qualified for PhD supervision (12) and Master degree supervision (36). The school has just recently moved into a

purpose-built modern building with a total floor space over 13000 square meters. Our state-of-the-art laboratories are designed and well-equipped to meet the needs of research and teaching. The school has a total asset value exceeding 85 million RMB.

In the past few years, the school has made remarkable achievements in both teaching and research and has established itself as a leading institute in food science and biotechnology researches in the region. The school publishes over 250 high quality research papers each year and has received over 200 research grants from the National 863 Plan, National Natural Science Foundation, Provincial Natural Science Foundation, other national and provincial science and technology programs, and the industry. The annual research income exceeds 10 million RMB. The school has also received two highly respected national awards, including one Secondary Prize of National Science and Technology Progress Award and one Secondary Prize of National Teaching Achievement Award, and 23 provincial awards for its excellent achievements in student training and science researcher.

**Length of Study:** 3 years

**Required Credits:** No less than 12 credits are required to get the graduation certification.

### **Certificate of Graduation and Degree**

Qualified students will be granted certificates of graduation and Doctor Degree of Engineering.

### **Instruction Language**

- All the courses are delivered in English except some of Chinese language courses.
- Dissertation is required to be written in English

## **Doctor Program of Green Statistics and Environmental Assessment**

### **Program Objectives**

The doctoral program of Green Statistics and Environmental Assessment for international students admits non-Chinese speaking foreign students or overseas Chinese with graduate degree diploma or Master degree. The PhD students will be trained in THREE areas: 1) Statistical Simulation of Environmental Resources, 2) Environmental Assessment Technologies, and 3) Optimization of Pollution Control Technologies. The program aims to train high-level professional talents with solid theory basis, professional management skills, broad scope of knowledge, strong adaptability and creativity, who are able to undertake scientific research or solve practical problems in environmental statistics.

### **Main Courses**

Introduction to China (2 Credits);

Chinese Language (4 Credits);

Frontier of Environmental Science and Engineering (2 Credits);

Data Processing Technology (2 Credits);

Environmental Assessment Methodology (2 Credits)

### **Program Requirement**

After being trained in the doctoral program, the students are expected to:

1. Build up broad and solid theoretical basis on environmental protection, statistics and systematic analysis;

2. be familiar with updated research progress, with which the students are able to raise new ideas, theories or methods to solve theoretical and practical problems on resource and environment management;

3. be able to carry out research, education and business works in related areas, with capabilities of further study, innovation and improvement;

4. Skillfully read literature, write research articles and communicate with colleagues in international academic platforms;

5. The subject of dissertation should have theoretical or applied value.

### **Faculty**

There are 47 teachers in the discipline. Among the teachers, there are 5 doctoral supervisors; 15 professors and 30 associate professors; 45 teachers have doctoral degree and 26 teachers have overseas experience.

The PhD supervisors are as follow: Professor DongshengShen, Professor Peide Sun, Professor Shuiliang Yao, Professor Liguang Wu, Professor Chunping Yang.

The teachers who can give lectures in English are as follow: Professor HuajunFeng, Professor Qi Wang, Professor Xiangjuan Ma, Professor Bingxing Wang, Professor Meizhen Wang, Professor Yuyang Long, Dr. Zhiguo Fang, Dr. Chunying Dong, Dr. Jingyi Han, and Dr. Shaoting Du.

**Length of Study:** 3-5 years

### **Required Credits**

No less than 12 credits are required to get the graduation certification.

### **Certificate of Graduation and Degree**

Qualified students will be granted certificates of graduation and Doctoral Degree of Science.

### **Instruction Language**

- All the courses are delivered in English except some of Chinese language courses.

- Dissertation is required to be written in English



## **Doctor Program of the Statistics of Big Data**

### **Program Objectives**

The program is to prepare the students to be advanced composite talents of data science and engineering with big data thinking, while in large data statistics and modeling, big data analysis and mining, big data support information technology and big data applications and decision-making.

### **Main Courses**

Frontiers of statistical theory  
Data mining technology  
Big data and knowledge engineering (II)  
Advanced big data processing  
Literature reading  
Advanced database technology  
Big data visualization analysis  
Management statistics and evaluation  
Frontiers and applications of mathematical statistics  
Virtual reality and augmented reality  
Artificial intelligence  
R software and data analysis  
Cloud computing and distributed computing  
Intelligent information processing

### **Program Requirement**

Through the program, students are required to have the following capabilities: (1) to master the advanced theory of the mathematic and statistics analysis; (2) strong technical capabilities to manage, analyze and process the massive data; (3) to master the basic and advanced theories of data science and computer science; (4) with good

capabilities of research, design, development and application of big data systems;

### **Faculty**

The faculty team of this discipline is composed of 36 members of which 26 are full professors and 10 are associate professors. Especially, one of professors is a full-time expert titled 'national thousands of people plan' and another full-time professor is titled 'provincial thousands of people plan'. 1 national expert enjoying special allowance, 1 people of talents in the new century, more than 5 faculty members are awarded the "Qianjiang distinguished professor" or the "151 talent project" at first level awards. Three members are provincial outstanding scholars, 1 distinguished teacher, 17 members are awarded the 151 talent at the second or the third level, 3 provincial discipline leaders, more than 30 master supervisors. Meanwhile, our faculty members are highly internationalized, as more than 30 of them have overseas study experience for a period of more than 3 months.

**Length of Study:** 3 years

**Required Credits:** No less than 16credits

### **Certificate of Graduation and Degree**

Qualified students will be granted certificates of graduation and Doctor Degree of Science.

### **Instruction Language**

- All the courses are delivered in English except some of Chinese language courses.
- Dissertation is required to be written in English

## **Doctor Program of Circulation Economy and Management**

### **Program objective**

This program aims at nurturing advanced innovative talents with hardworking, adaptable, creative, competitive and communicative abilities as well as profound knowledge of circulation economy management, who will be able to conduct teaching as well as research activities in universities, and will be able to engage in advanced business management in enterprises.

The specific requirements are as follows:

(1) students should be hardworking, law-abiding, complied with academic standards, over-all developed so as to be advanced talents adaptable to Internet Age's circulation industry who can contribute to the transformation and upgrading for circulation.

(2) students are required to acquire fundamental theories, professional knowledge and methods of circulation industry economy and enterprise management, to receive basic training of research methodology and paradigm, to understand the theoretical edge and the most recent development trend in relative fields, so that they can make innovative contribution to circulation economics and management.

(3) students should master at least one foreign language and basic methods of literature retrieval and reading so that they can conduct international communication with a global view.

(4) students should be able to engage in the management in higher education institutions, research institutions relative state-owned organizations and government, and be able to conduct relative scientific research programs with theoretical and practical significance.

### **Major courses**

**Public Elementary Courses:** Dialectics of Nature and Scientific Socialism、  
Foreign Language for Ph.D Candidate

**Professional Basic Courses:** The Circulation Theory Frontier Approach、Circulation Industry Organization and Company、Circulation Technology Innovation Management、Business Model Innovation and Circulation Enterprise Transformation

**Interdisciplinary Selective Courses:** Circulation and Logistics System Planning、Consumer Analysis and Experience、Big Data Mining and Circulation Statistics、Cloud Computing Technology and Application

### **Program requirement**

#### 1. Talent Cultivation Mode

The talent cultivation mode is combined with supervisor responsibility system and collective cultivation by supervisor group, as well as the international cooperative cultivation and school-enterprise joint cultivation.

The training mode is the combination of course learning, research practice and dissertation.

Student's autonomous study will be taken as the main teaching method, combined with in-class teaching and discussion to encourage students to write book reports.

Supervisors are responsible for formulating and modifying the individual training planning for PhD candidates to organize book report task, thesis proposal and dissertation.

#### 3. Length of School

According to the Regulations of School Roll for Postgraduates at Zhejiang Gongshang University, the length of school for PhD candidates is 3-6 years (elastic learning system). The credit system is adopted during the postgraduate degree course, which requires the PhD students to earn all the credits according to the training scheme before the thesis defense. Postgraduates are encouraged to do relative research about the dissertation. The time gap between literature review & thesis proposal and dissertation defense should be more than 12 months for academic postgraduate.

#### 3. Thesis Proposal and Dissertation

(1) Thesis Proposal.

Literature reading and thesis proposal is an indispensable part of postgraduate cultivation. Thesis proposal should be proposed by the end of the fourth semester, which includes literature review, research content, research significance, research methods, expectant goal and schedule. After the review by the supervisor, panel of experts composed of 3 doctor's supervisors with professor's title should be organized to participate the thesis proposal defense. PhD candidates who can pass the thesis proposal defense can continue the dissertation.

(2) Dissertation.

Dissertation is the comprehensive training for PhD candidates to conduct scientific research, and also an important part to cultivate their ability to make full play of the theoretical knowledge to analyze and solve problems. It takes at least one year to engage in scientific research and degree thesis writing. Dissertation should be combined with research task and the topic should be of important theoretical and realistic significance about circulation economy and relevant fields. Both the supervisor and panel of experts should be strict with the selected topic, strengthen the supervision and guidance of the thesis writing. The dissertation must be a well-arranged, concise, systematic and complete academic thesis with clear concept, correct theoretical foundation, precise argumentation, correct calculating, reliable data, as well as clarified charts. Based on sufficient research and survey, the dissertation topic should be of academic value and progressive significance to circulation economy.

During the degree course, PhD candidates should be academically qualified for all the modules of cultivation planning. At least 2 academic papers should be published in core academic journals before thesis defense. Only after the review of the Graduate School can the PhD candidate is approved to attend the thesis defense. The dissertation should be reviewed by 5 outside experts with the title of professor or above. The Oral Defense Committee should be composed of 5 experts within and outside school with the title of professor or above, and the experts outside school are obligatory.

**Faculty**

There are over 200 full-time teachers specialized in the teaching, research and social service of circulation economy, among which more than 50 are professors, and over 100 are associate professors, teachers with doctor's degree account for 90%, over 20 are doctor's supervisor, over 100 are mater's supervisors and 3 are professors of Thousand Talent Programs. Based on the business disciplines of our university, combined with other engineering courses such as Computer Science, Food Science, Logistics Engineering, our teaching staff boasts strong interdisciplinary feature and rational age structure.

**Length of Study:** 3-6 years

**Required Credits:** No less than 25 credits are required to get the graduation certification.

**Certificate of Graduation and Degree**

Qualified students will be granted certificates of graduation and Doctor Degree of Economics

**Instruction Language**

- All the courses are delivered in English except some of Chinese language courses.
- Dissertation is required to be written in English

## **Doctoral Degree Program (Sciences of Economics in Rule of Law)**

### **Program Objectives**

The program is aimed at training PhD candidates with comprehensive knowledge, international horizon, and teaching/researching competence in the field of Sciences of Economics in Rule of Law. The candidates shall be able to:

1. be highly cooperative and innovative in both the fields of Economics and Rule of Law,
2. Master the theories and methodologies of Rule of Law, respond to international and domestic cutting-edge economic issues with great sensitivity, and engage in independent teaching and researching in Sciences of Economics in Rule of Law,
3. Analyze and put forward solutions to problems regarding Economics and Rule of Law, and
4. Have strong writing skills and use more one to two foreign languages with high proficiency.

### **Main Courses**

Part I Degree Courses (8 credits)

1. First Foreign Language (English) (2 credits)
2. Micro and Macro Economics (2 credits)
3. Jurisprudence (2 credits)
4. Economics in Rule of Law (2 credits)

Part II Compulsory Courses (2 credits)

1. Economic Law (2 credits)

Part III Optional Courses (no less than 1 credit)

1. Constitutional Law and Administrative Law (2 credits)
2. Civil Law and Civil Litigation Law (1 credit)
3. Criminal Law and Criminal Litigation Law (1 credit)

4. International Law (1 credit)

Part IV Academic Activities (1 credit)

### **Program Requirement**

The master degree candidates shall accomplish the following requirements under the supervision of their tutors:

1. Make a personal study plan,
2. Pass the mid-stage evaluation,
3. Finish the literature review and draft the research proposal,
4. Participate in social practice activities,
5. Attend academic conferences,
6. Publish academic papers in accordance with requirements, and
7. Finish the doctoral dissertation.

### **Faculty**

Currently, there are 22 full professors and 13 associate professors working for this program. As follows, there are three research directions, all of which are led by outstanding faculty staff.

1. Basic Theories in Economics in Rule of Law (8 full professors and 4 associate professors)

2. Economic Crimes and Economic Criminal Law (12 full professors and 4 associate professors)

3. International Law and Global Economic Governance (6 full professors and 5 associate professors)

**Length of Study:** 3-4 years

**Required Credits:** No less than 13 credits

**Certificate of Graduation and Degree**



Qualified students will be granted certificates of graduation and PhD in Sciences of Economics in Rule of Law.

### **Instruction Language**

- All the courses are delivered in English except some of Chinese language courses.
- Dissertation is required to be written in English

## **Doctor Program of Natural Resources Statistics**

### **Program objective**

The doctoral program of Natural Resources Statistics for international students admits non-Chinese speaking foreign students or overseas Chinese with graduate degree diploma or Master degree. The PhD students will be trained in THREE areas: 1) Spatial Statistical Simulation of Natural (Land) Resources, 2) Natural (Land) Resources Statistics Technologies, and 3) Accounting and assessment methodology of, land resources risk and Performance. The program aims to train high-level professional talents with solid theory basis, professional management skills, broad scope of knowledge, strong adaptability and creativity, which are able to undertake scientific research or solve practical problems in natural resources statistics.

### **Major courses**

Degree Courses: Data Processing Technology (2 Credits), Frontier of Natural (Land) Resources Management (2 Credits)

Compulsory Courses: Introduction to China (2 Credits); Chinese Language (4 Credits)

Elective Courses: Literature Review (2 Credits), Land Science Methodology (2

Credits), Land use policy (2 Credits)

### **Program requirement**

After being trained in the doctoral program, the students are expected to:

1. Build up broad and solid theoretical basis on Natural (Land) Resources protection, statistics and systematic analysis;
2. Be familiar with updated research progress, with which the students are able to raise new ideas, theories or methods to solve theoretical and practical problems on natural (land) resources management;
3. Be able to carry out research, education and business works in related areas, with capabilities of further study, innovation and improvement;
4. Skillfully read literature, write research articles and communicate with colleagues in international academic platforms;
5. The subject of dissertation should have theoretical or applied value.

### **Faculty**

There are 23 teachers in the discipline. Among the teachers, there are 5 doctoral supervisors; 9 professors and 10 associate professors; 20 teachers have doctoral degree and most of the teachers have studying or working experience in foreign countries, including University of Cambridge, University of North Carolina, Chapel Hill, University of California, Davis, California State University, Chico, University of North Dakota, Northwestern Polytechnic University.

**Length of Study:** 3-5 years

**Required Credits:** At least 25 credits are required to get the graduation certification.

### **Certificate of Graduation and Degree**

Qualified students will be granted certificates of graduation and Master Degree of Natural Resources Statistics

### **Instruction Language**

- All the courses are delivered in English except some of Chinese language courses.
- Dissertation is required to be written in English