

# School of

## TEACHER EDUCATION

### THE SCHOOL

The school of teacher education, Jiangsu University, was established in December 2001. We have the Dept of education, the Dept of educational technology, modern educational technology experiment center, educational institute, Educational Policy Institute, teacher training center, etc. The school of teacher education has high quality faculty. There are 42 staff members, among whom 65% are professors or associate professors and above 80% have a doctor degree or master degree. In the past 5 years, there are 240 articles published in the international and domestic journals, in which 150 articles was cited by CSSCI, 1 article text was reprinted and 6 articles' viewpoints were reprinted by Xinhua Digest, and 18 articles' text were reproduced by Information Center for social sciences. Besides, 14 academic monographs and textbooks were published. The research projects conducted by College of Teacher Education include 3 National Educational Science Planning programs, 2 Chinese Association of Higher Education Planning issues, 3 Social Science programs of Department of Education, 2 Jiangsu Association of Higher Education Planning issues, 1 Jiangsu Philosophy and Social Science key projects, 7 Jiangsu Educational Science Planning programs, 12 Jiangsu Province Philosophy and Social Science projects. The school has got 11 Outstanding Achievement Awards, include Jiangsu Province Higher Education Research Award for outstanding achievements and Zhenjiang Philosophy and Social Science Outstanding Achievement Award, etc. We attach great importance to the training and management of

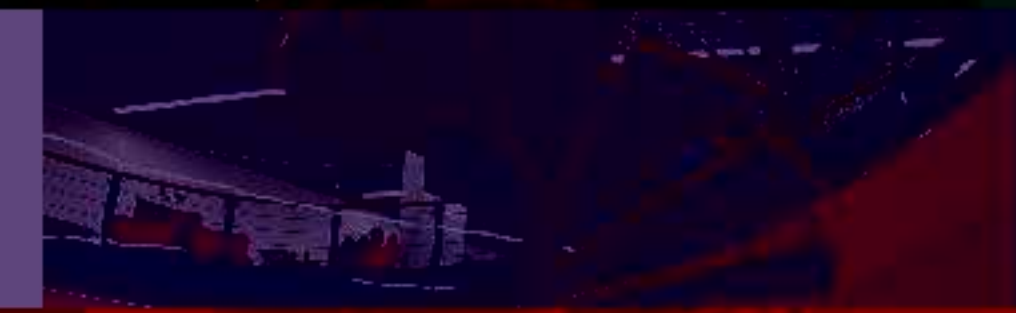
undergraduate and graduate students. In 2011, School of Teacher Education was granted to award master's degree with the major of higher education, and now we have 20 Master tutors. Now, in 2012, it was granted to award master's degree with the major of education as a subject. We had great emphasis on the training and management of undergraduate and graduate students. Adhere to the object of "wide of base and in-depth base" and the idea of "self-based, school-centered, career-oriented", it prepares students with high quality. Now, above 96% undergraduates and 100% graduate students were employed.

### DEPARTMENTS

Department of Teacher Education



# Masters in TEACHER EDUCATION



Pedagogy can mean the study of the theory and practice of education, but it can also refer to teaching children and young students in a personal, holistic way. In the latter sense, pedagogy might be regarded as the art of bringing up and offering basic education to children. In some European countries, pedagogy is also more related to social work, as studies in pedagogy may include childcare and early-years services, youth work, parent

Program Duration: 3 Years

Intake: March & September

Tuition: 22000 CNY/Year

Department:

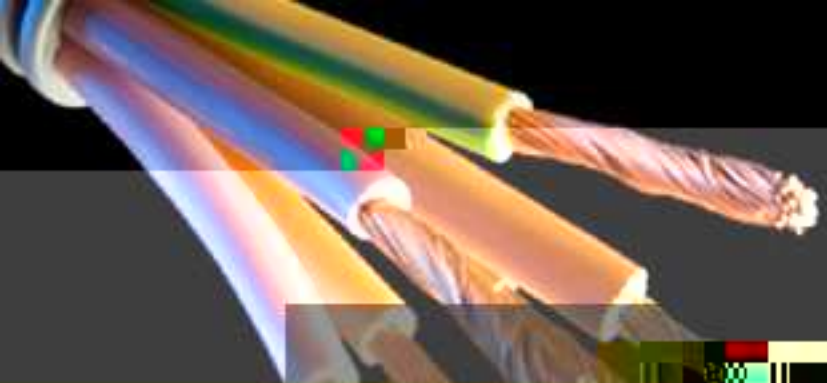
School of General Education

Scholarships:

20,000 CNY (Presidential)

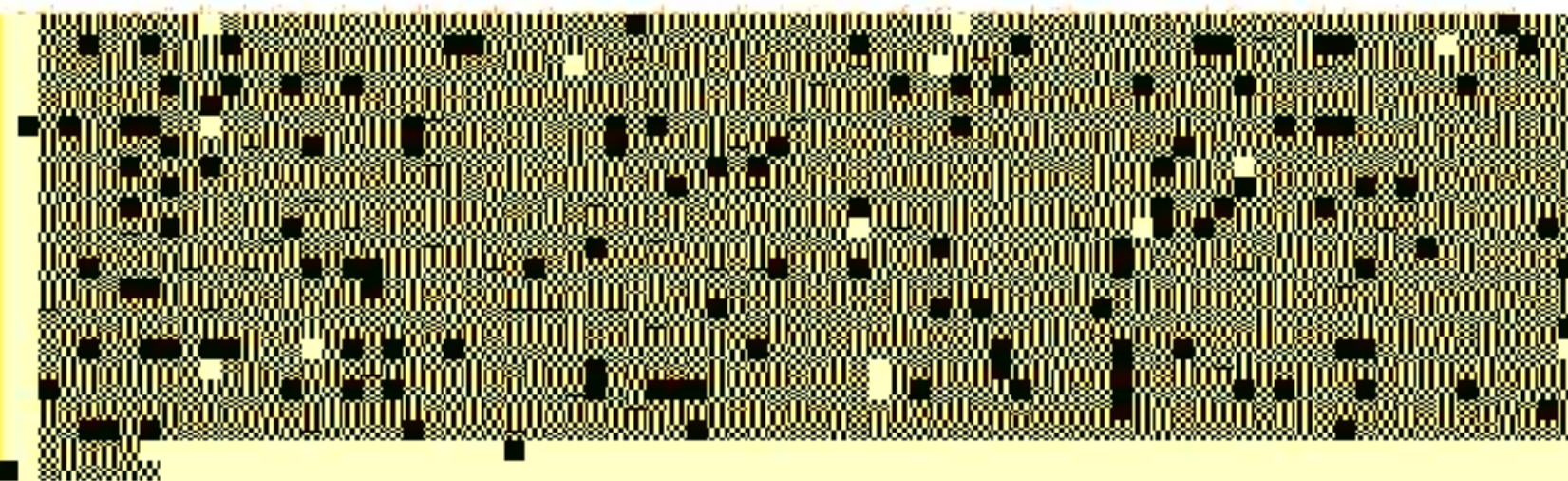
## WHY CHOOSE TO STUDY THIS PROGRAM IN JSU:

Studying Masters in Pedagogy (Education) at Jiangsu University is one of the best Master program in Pedagogy in the Peoples Republic of China. The nature of the programme and the Problem Based Learning system allows students to put theory into practice while studying. The objective of the 2nd cycle degree programme in PEDAGOGY is to train education professionals who are able to conduct activities of: educational research in the main sectors of pedagogical reflections and methods of educational interventions.



## THE SCHOOL

At present, the School of Electrical and Information Engineering has 1 national key discipline of "Agriculture Electrification and Automation", has a primary discipline doctor degree program of "Control Science and engineering"(including the 2 secondary disciplines of "Power Electronics and Drives" and "Agriculture Electrification and Automation"). The school also has 1 primary discipline master degree program of "Electrical



## DEPARTMENTS

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# Masters in ELECTRICAL ENGINEERING

Electrical Engineering is designed to prepare students for technically demanding careers in industry as well as for post-master's graduate studies in Electrical Engineering or related fields. Electrical engineering is a wide discipline that provides society with many critical utilities. Electrical Engineering has an impact on public welfare and safety, as well as on health and healthcare, the environment, quality of life, transportation, computing, and leisure.

## WHAT WILL I LEARN?

The Master of Science (MS) program in Electrical Engineering is designed to prepare students for technically demanding careers in industry as well as for post-master's graduate studies in Electrical Engineering or related fields. Electrical engineering is a wide discipline that provides society with many critical utilities. Electrical Engineering has an impact on public welfare and safety, as well as on health and healthcare, the environment, quality of life, transportation, computing, and leisure.

## WHY CHOOSE TO STUDY THIS PROGRAM IN JSU:

Electrical Engineering major requires students to build depth in an Electrical Engineering specialization, selected from areas such as signal processing and communication, systems and control, electromagnetics and photonics, and materials, circuits, and devices. Master of Science in Electrical Engineering affords students the opportunity to flexibly choose graduate electives to explore technical or professional interests within engineering. The major has a practicum requirement that is satisfied by doing course work and publications on related topics.

## HOW WILL THIS COURSE ENHANCE MY CAREER PROSPECTS?

Electrical engineers are some of most in-demand professionals around the world. They work in industries ranging from health care, renewable energy, and retail to security, gaming, and telecommunications. All of career paths in electrical engineering provide opportunities to work with teams of engineers and make a huge difference in the lives of people worldwide.

## CORE COURSES

- Engineering electromagnetism and calculation
- Modern Power Electronic Theory and Technology
- Motor design and analysis
- Digital control technology in motor
- Power system analysis
- Bearingless Motor Theory and its applications
- System modeling, simulation and optimization

# Masters in ELECTRICAL ENGINEERING

Program Duration: 3 Years

Intake: March & September

Tuition: 24000 CNY/Year

Department:

School of Environment & Safety Engineering

Scholarships:

20,000 CNY (Presidential)

## RESEARCH DIRECTIONS

- Motor and electric appliances
- Power system and its automation
- High voltage and insulation technology
- Power electronics and power transmission
- Electrical theory and its new technology

# PhD in POWER ELECTRONICS & POWER DRIVES

Program Duration: 3 Years

Intake: March & September

Tuition: 28000 CNY/Year

Department:

School of Environment & Safety Engineering

Scholarships:

28,000 CNY including Accommodation (Presidential)

## RESEARCH DIRECTIONS

- Environmental Chemistry and Toxicology
- Environmental Pollution Control and Novel Materials for Environmental Protection
- Environment Ecology and Agricultural Environmental Protection
- Equipment and Engineering for Pollution Control
- Recycle, Reuse, and Recovery of Waste Biomass for Biofuels and Bioproducts



# School of

## THE SCHOOL

School of Energy and Power Engineering of Jiangsu University has excellent teaching facilities such as experimental equipment, well equipped laboratories, up-to-date electronic library, good accommodation facilities for students, a National engineering technology research center, a National experiment teaching demonstration center, two National pilot zones for talent cultivation innovation, one key laboratory of Ministry of Education, ten provincial experiment teaching demonstration centers, and twenty ministry-level key laboratories. The university library has a collection of over 2.6 million books and one SCI tech Novelty Search Station sponsored by Ministry of Education of China. Students who major in Energy and Power Engineering gain additional knowledge and skills required to become a power engineer. If you already have an electrical engineering or electronics background, the course enables you to update your knowledge to include the latest developments in renewable energy (including energy from the environment) and smart grids, making use of modern sensing, communication and signal- processing technologies. The program consists of five core taught modules covering the fundamental aspects of the modern power systems and power converting technologies that are core in

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# POWER ENGINEERING & ENGINEERING THERMOPHYSICS

My study program is Power Engineering and Engineering Thermo-physics. It is an English taught Ph.D degree program at the School of Energy and Power Engineering, Jiangsu University, China. It commenced from September, 2016 and will end July, 2019. The program will provide me with a Ph.D degree certificate in Power Engineering and Thermo-Physics at the successful end. It will also develop my knowledge, skills and innovative ability in carrying out original research projects. My research area of interest is clean energy and environmental protection with a major focus on sustainable energy production, characterization, kinetic modeling of process mechanisms and optimization of process conditions as well as environmental protection. Presently, my research topic is "Experimental studies, kinetic modeling and optimization of process conditions for bio-oil production from co-pyrolysis of biomass and plastic waste".

## WHAT WILL I LEARN?

This program will also develop my knowledge, skills and innovative ability in carrying out original research projects. Generally, doctoral students will master knowledge and skills of their discipline, but also deeply understand the progress, trends and latest development of the discipline. The students should have the ability to do the independent scientific research and obtain some achievements in theory and practice. They should be able to perform the work of teaching in universities, scientific research, engineering or project management.

## HOW WILL THIS COURSE ENHANCE MY CAREER PROSPECTS?

The program provides the graduate students with the necessary degree certificates in Power Engineering and Engineering Thermo-Physics, and also helps to develop the students' innovative ability in carrying out original research

projects. The program will therefore help me to obtain the knowledge and skills of the discipline and also understand deeply the progress, trends and the latest development of the discipline. It will also provide me with the ability to do independent scientific research and obtain some achievements in theory and practice.

## WHY CHOOSE TO STUDY THIS PROGRAM IN JSU:

The university provides excellent teaching facilities. Jiangsu University has excellent teaching facilities such as experimental equipment, well equipped laboratories, up to date electronic library, good accommodation facilities for students, a National engineering technology research center, a National experiment teaching demonstration center, two National pilot zones for talent cultivation innovation, one key laboratory of Ministry of Education, ten provincial experiment teaching demonstration centers, and twenty ministry-level key laboratories.

## CORE COURSES

Numerical Analysis  
Mathematic Statistics  
Matrix  
Viscous Fluid Mechanics  
Heat Transfer Enhancement and Its Application  
Advanced Science of Combustion

Renewable Energy  
The Progress in New Technology of the Field of power engineering

# Masters in POWER ENGINEERING & ENGINEERING THERMOPHYSICS

Program Duration: 3 Years  
Intake: March & September  
Tuition: 21000 CNY/Year  
Department:

[www.njtu.edu.cn/eng/academic/graduate/graduate.htm](http://www.njtu.edu.cn/eng/academic/graduate/graduate.htm)

## RESEARCH DIRECTIONS

Research directions include:

- Power Engineering
- Engineering Thermophysics
- Energy Conversion
- Energy Storage
- Energy Efficiency
- Energy Conservation
- Energy Management
- Energy Policy
- Energy Economics
- Energy Law
- Energy Ethics
- Energy Education
- Energy Research
- Energy Innovation
- Energy Entrepreneurship
- Energy Leadership
- Energy Sustainability
- Energy Security
- Energy Resilience
- Energy Flexibility
- Energy Diversity
- Energy Decarbonization
- Energy Digitalization
- Energy Automation
- Energy Intelligence
- Energy Innovation
- Energy Entrepreneurship
- Energy Leadership
- Energy Sustainability
- Energy Security
- Energy Resilience
- Energy Flexibility
- Energy Diversity
- Energy Decarbonization
- Energy Digitalization
- Energy Automation
- Energy Intelligence

# PhD in POWER ENGINEERING & ENGINEERING THERMOPHYSICS

Program Duration: 3 Years  
Intake: March & September  
Tuition: 28000 CNY/Year  
Department:

[www.njtu.edu.cn/eng/academic/graduate/graduate.htm](http://www.njtu.edu.cn/eng/academic/graduate/graduate.htm)

## RESEARCH DIRECTIONS

Research directions include:

- Power Engineering
- Engineering Thermophysics
- Energy Conversion
- Energy Storage
- Energy Efficiency
- Energy Conservation
- Energy Management
- Energy Policy
- Energy Economics
- Energy Law
- Energy Ethics
- Energy Education
- Energy Research
- Energy Innovation
- Energy Entrepreneurship
- Energy Leadership
- Energy Sustainability
- Energy Security
- Energy Resilience
- Energy Flexibility
- Energy Diversity
- Energy Decarbonization
- Energy Digitalization
- Energy Automation
- Energy Intelligence





# School of

# ENVIRONMENTAL

## THE SCHOOL

School of the environment and safety engineering (SESE) currently holds the first-level Discipline as well as a Post-doctoral Research Station that has been recognized by Ministry of Education in China for Doctoral and Master degree Programmes in the areas of Environmental Science and Engineering. In addition, the first-level Discipline for the Master Degree Programme in Safety Science and Engineering is also recognized. Other professional Degrees for various Master Programs regarding Environmental

undergraduate  
graduate

students and 200 doctoral and master graduate students (including 4 international students) registered in this school. At present, SESE employs 98 faculty and staff, including 17 full professors, 35 associate professors, where 14 Ph.D. supervisors and 50 master's supervisors are recognized. Among them, one academician of Chinese Academy of Engineering, one expert of "National Thousand Talents program (Enterprise)", one scholar of New Century Excellent Talents (Ministry of Education), one expert who received special government allowance from the State Council, seven faculty recognized and supported by Jiangsu Provincial Government (including innovation and entrepreneurship program, and 333 project and six-talent-peak program), and three distinguished professors of Jiangsu University. The SESE also has one innovation team and one Liaison, Overseas Chinese Base for innovation and entrepreneurship recognized by the local government. With over ten year efforts, five unique scientific research teams were established in this school. Research fields includes Environmental Toxicology & Chemistry, Environmental Ecology and Restoration, Contamination Control Engineering, Equipment, Biomass Resource and its Recycling, Reusing, and Recovering, and Safety Science.

# ENVIRONMENTAL SCIENCE

Jiangsu University gained the approval for master degree authorization on Environmental Engineering in 1997, and currently it is the distinguished major of Jiangsu Province. Environmental Engineering and Environmental Protection Equipment Engineering are two key majors of Jiangsu Province, with Jiangsu Province Center for Environmental Science and Engineering Practice and Education.

## WHAT WILL I LEARN?

In this program students will acquire expertise in the processing of Environmental Engineering combined with a thorough understanding of ecology mechanism, ecotoxicology and safety, environmental analytical chemistry, water pollution control techniques, and so on. Environmental Science and Engineering is an emerging interdisciplinary discipline, relating to population, living environmental condition, modern industrial development and urban construction.

## HOW WILL THIS COURSE ENHANCE MY CAREER PROSPECTS?

Graduates may pursue a wide range of careers in environmental protection agency, forestry bureau, landscaped area, forest park, flower enterprise, natural reserve, ecological district station, forestry farm, nursery garden and other related fields, to work as managers, planning officers and designer in plant breeding and cultivation, ecological monitoring, crop protection, and so on. Graduates can also be engaged in management, teaching and scientific research for universities or institutes.

## WHY CHOOSE TO STUDY THIS PROGRAM

### IN JSU:

This discipline provides high quality social services relying on the advantages of its high-level professionals, research achievements and research facilities. For example, we offer series of training courses of environmental protection for local governmental officers or jointly appointed professors from our discipline to the related government departments or companies, which greatly meets the requirements from the local government or companies.

### CORE COURSES

Environmental Chemistry  
Environmental Biology  
Environmental Ecology and Ecological Restoration  
Technology  
Bioenergy and Resource Utilization  
Environmental Toxicology  
Environmental Planning and Management

# Masters in ENVIRONMENTAL SCIENCE

Program Duration: 3 Years

Intake: March & September

Tuition: 24000 CNY/Year

Department:

School of Chemistry & Chemical Engineering

Scholarships:

20,000 CNY (Presidential)

1,000-5,000 CNY (Schooling)

## RESEARCH DIRECTIONS

The Environmental Science and Engineering disciplines maintain externally funded research programs, and this funding

research assistance funding to support graduate students conducting research under the grants, during the school year. Check with individual members about opportunities in their group.

# PhD in ENVIRONMENTAL SCIENCE

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Intake: March & September

Tuition: 24000 CNY/Year

Department:

School of Chemistry & Chemical Engineering

Scholarships:

28,000 CNY including Accommodation (Presidential)

1,000-5,000 CNY (Schooling)

## RESEARCH DIRECTIONS

Environmental Science and Engineering

Clean Energy and Environmental Protection



# Master's in ECOLOGY

The ecology major was given the title of master degree as one-class subject in 2012. The major currently has 4 research fields which includes detection of information on agricultural water and soil environment, wetland ecology, Environmental ecology and agricultural ecological protection, plant conservation ecology. The graduate students for ecology major are

Program Duration: 3 Years

Intake: March & September

Tuition: 24000 CNY/Year

Department:

School of Agriculture Equipment Engineering

Scholarships:

20,000 CNY (Presidential)

5,000 CNY

5,000 CNY

## WHY CHOOSE TO STUDY THIS PROGRAM

### IN JSU:

The program is established based on the development of domestic industry and environment status, tracks the international forefront, solves important theory and technology problems especially in the development of ecological agriculture, and adjusts the development direction. We have the rich teacher resources, undertake 67 various types of projects. Average annual research funding is about 6 million.

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## HOW WILL THIS COURSE ENHANCE MY CAREER PROSPECTS?

## CAREER OPPORTUNITIES

### RESEARCH DIRECTIONS

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School of

FINANCE &  
ECONOMICS

## THE SCHOOL

The School of Finance and Economics of Jiangsu University was formally established in April, 2006. At present, the school offers one doctoral program on Economic System Analysis and Management, one M. A. Degree-conferring Spots for First-level Discipline of Applied Economics, three master's programs of Accounting, Statistics, International Trade respectively and three professional master degrees-conferring spots of Accounting, Asset Evaluation and Applied Statistics, which are supporting ones in Jiangsu University with degree-conferring spots. The school has eight undergraduate programs of Accounting, Financial Management, International Economics and Trade, Finance, Insurance, Public Finance, Statistics and Energy Economics. To meet the requirements of the development of the school and disciplines as well as professional construction, the school has established a central computer lab, a library and four research institutes: the Research Institute of Financing and Accounting, the Research Institute of Statistics Applied Science, the Research Institute of International Trade, and the Research Institute of Insurance. In recent years, the school has achieved a lot in its discipline constructions and curriculum constructions: International Economics and Trade and Accounting were named as Brand Specialty of Jiangsu Province; Statistics was honored as Brand Specialty of Jiangsu University and Statistics Theory and Fundamentals



# Masters in APPLIED ECONOMICS

The Applied Economics program is designed to provide students with a strong foundation in economic theory and quantitative methods, while also emphasizing practical applications. The program is structured to allow students to complete their Master's thesis in their second year, providing them with the opportunity to focus on their research interests. The program is highly flexible, allowing students to tailor their coursework to their specific career goals. The program is highly flexible, allowing students to tailor their coursework to their specific career goals.

## RESEARCH DIRECTIONS

The Theory of Credit and Intensive Financing  
Financial Intermediation and Management of Commercial Bank  
Financial Market and Securities Investment  
Risk Management and Insurance  
Industry Organization and Industrial Policy Study  
Energy Economic System and Low Carbon Industry Development  
Research on Modern Service Industry Development  
City and Regional Industry Development Research

## WHAT WILL I LEARN?

A prospective student will learn more about current economic or modern global economic analysis with emphasis on intensive research. Students will be able to develop rational economic reasoning.

## WHY CHOOSE TO STUDY THIS PROGRAM IN JSU:

Jiangsu University has good ranking within China and worldwide. The least teacher in the school is a PhD holder which makes it an institution with well qualified teachers. It places much emphasis on research into modern

## WHY CAREER PROSPECTS?

Applied economics focuses on applying economic principles to a wide variety of fields, such as finance, education, trade, health or the environment. Career opportunities in applied economics can be found in corporate, government or academic settings, working in-house or as consultants. Economists work in many industries and for government, collecting data, analysing trends and making predictions about economic activity.

Program Duration: 3 years  
Intake: March & September  
Tuition: 2,000 CNY/year

Department:  
School of Finance and Economics  
Scholarships:  
20,000 CNY (if residential)  
1,000 CNY (1<sup>st</sup> Year)



# Masters in ACCOUNTING

Jiangsu University is one of the top ranking universities in the world. It is among top 200 universities in Asia and among the top 1000 universities in the world. This makes it a prestigious university for any prospect students to study at this university. With the serene environment and availability of infrastructure as well as learning materials, it makes it the best choice of university for higher education. Lastly, the university is a research based university that enables students to do more research in their area of study. This enable students to be able to solve issues

and find solutions to them. The university also provides a wide range of facilities and services to support the learning and research activities of its students. The university is committed to providing a high quality education and to fostering the development of its students into successful professionals.

The Accounting Major is a three-year program that provides students with a solid foundation in accounting theory and practice. The program is designed to equip students with the knowledge and skills necessary to succeed in the accounting profession. The curriculum covers a wide range of topics, including financial accounting, management accounting, taxation, and auditing. Students are also encouraged to participate in research projects and internships to gain practical experience. The program is taught in English and is suitable for international students. The university provides a supportive learning environment and offers a variety of resources to help students succeed. The Accounting Major is a challenging and rewarding program that prepares students for a successful career in accounting.

## WHAT WILL I LEARN?

Accounting Major is taught in English for all foreigners. It is a 3 year program but can be completed within 2 years. A firm grasps of the basis theory of accounting, professional knowledge and experimental skills, professional development and frontiers are among the courses to be taught. Also, being competent of reading and writing scientific papers; with the

ability to independently carry out scientific research work, being competent in the specialized field of teaching, research, and accounting related science and technology management; with new insights in scientific or specialized technique are other requirements for the study of Accounting at Jiangsu University.

Program Duration: 3 Years

Intake: March & September

Tuition: 22000 CNY/Year

Department:

School of Finance and Economics

Scholarships:

20,000 CNY (Presidential)

1,000CNY (1<sup>st</sup> Year)

江苏大学会计硕士专业学位教育简介

一、培养目标

本专业培养具有扎实的会计理论功底和较强的实践能力，能够胜任会计、审计、财务管理、税务管理等工作的高级专门人才。毕业生应具备以下素质：1. 掌握会计学、审计学、财务管理、税务管理等方面的基本理论和专业知识；2. 具有较强的会计核算、审计实务、财务管理、税务筹划等实际操作能力；3. 具备良好的沟通协调能力、团队合作精神和创新意识；4. 具有严谨的治学态度和较强的责任心。

二、主要课程

会计学、审计学、财务管理、税务管理、内部控制、资产评估、经济法、英语、计算机应用基础、专业英语等。此外，本专业还开设了《会计职业道德》、《会计电算化》、《ERP沙盘模拟》等课程，以培养学生的综合素养和实践能力。

# Masters in STATISTICS

Statistics is concerned with the analyzing and interpretation of numbers using the basic theories and methods of statistics. professional knowledge, professional development and frontiers; this program aimed to orient students to the professionals in statistical analysis on different aspects of economies & management. In addition, it is to keep students at the forefront of modern software programs while using the essential statistics foundation with applying the statistical software programs.

## RESEARCH DIRECTIONS

The Statistics Program supports research in statistical theory and methods, including research in statistical methods for applications to any domain of science. The theory forms the base for statistical science. The methods characterize uncertainty in the data and facilitate advancement in science, and the collection, analysis and interpretation of data. The Program encourages proposals ranging from single-investigator projects to interdisciplinary team projects. This program focuses on four fields: Statistics for Science and Technology, Industry Statistics, Management Statistics, Probability Theory and Mathematical Statistics.

## WHAT WILL I LEARN?

In this program, you will be prepared to perform statistical data analysis needed for your research with the education of (concerning) assumptions behind each statistical method, and how to check those assumptions using modern software programs (STAT, EViews, SPSS, SAS, MINITAB, EXCEL, etc.) You learn identification of the appropriate statistical analysis in any particular situation, master the historical analytical methods, gaining a professional knowledge of modern statistical research theories and methods.

## HOW WILL THIS COURSE ENHANCE MY CAREER PROSPECTS?

The Statistics program is widely respected in the business field. Graduates can be employed as research scientists for marketing and banking firms or any economic trend companies, as data analysts for major medical centers and pharmaceutical companies and as college instructors and professors. Moreover, they are well prepared to become the research leaders, innovators, and technical experts essential for meeting the growing needs of governments, industries, and various institutions.

## WHY CHOOSE TO STUDY THIS PROGRAM IN JSU:

The school is provided with the state-of-art facilities with several modern computer laboratories, and equipped with a wide range of statistical software. The facilities are available for class, non-class, and for students use. Other facilities include projectors, access to the Internet, and individual desks for each student from same department in a big office which creates a group spirit, research among students. With all the facilities, that makes the research and study atmosphere more competitive, and motivates students for more progress.

Program Duration: 3 Years

Intake: March & September

Tuition: 22000 CNY/Year

Department:

School of Science

Scholarships:

20,000 CNY (Presidential)

3,000-5,000 CNY (Schooling, for 3-5 Students)



# School of

# FLUID MACHINERY

## THE SCHOOL

China National Research Center of Pumps (NRCP), which was found based on the only national key discipline in China that specializes in research of pumps and drainage and irrigation equipment, was established by integrating Research Center of Fluid Machinery Engineering and Technology of Jiangsu Province and the Research Center of Fluid Machinery Engineering and Technology of Jiangsu University. Since 1999, the Research Center of Fluid Machinery Engineering and Technology of Jiangsu Province has been successively evaluated as Excellent Center three times by Jiangsu Department of Science & Technology. In 2008, it was rewarded as the advanced unit of scientific and technological platform of Jiangsu Province. NRCP is an important base of scientific research, talents cultivation and technology development in the industry of fluid machinery (especially pumps) in China. It is the technical leading organization in the field of sprinkling machines, small-sized submersible pumps and light industry pumps in China. With three standing bodies entitled as Quality Supervision and Test Institute of Machinery Industry Product (Zhenjiang), Quality Inspection Center for Pumps specially used in light industry and Jiangsu Province Quality and Technical Inspection Station for Pump Products, The Center for Quality and Technology of Fluid Machinery of Jiangsu University is a national accredited laboratory which undertakes national and industrial tasks involving product inspections, production license issuance and delegated tests, etc. It holds a multi-functional laboratory with an area of 8000 m<sup>2</sup> and the largest capacity in the world in Asia. The Center equipped several international advanced technical equipment and software. It also has the  $\Phi$ 25-1000 multi-functional pump test platform at national Level I precision and test platforms for  $\Phi$ 25-500 mm model pump and pump devices (self-priming pumps, submersible pumps, etc.).

## DEPARTMENTS

- Water and energy-saving irrigation technologies and equipment
- Numerical simulation and measurement technology of fluid machinery (pumps) and chemical process machinery
- Fault diagnosis and automatic control technology for the pump station and pumping system
- Application of artificial heart pump

# Masters in FLUID MACHINERY

# PhD in FLUID MACHINERY

1. Introduction  
2. Fundamentals of Fluid Mechanics  
3. Fluid Flow in Pipes and Channels  
4. Turbomachinery  
5. Fluid-Structure Interaction  
6. Computational Fluid Dynamics  
7. Experimental Fluid Mechanics  
8. Research Project

1. Introduction  
2. Fundamentals of Fluid Mechanics  
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1. Introduction  
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4. Turbomachinery  
5. Fluid-Structure Interaction  
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8. Research Project



# School of

## THE SCHOOL

The school consists of Department of Food Science & Engineering, Department of Food Quality & Safety, Department of Biotechnology, Department of Bioengineering, Laboratory Center of Food & Bioengineering, National R&D Center of Agricultural Product Processing Equipments, Jiangsu Research Center of Bio-processing and Separation of Agricultural Products, and Jiangsu Provincial Key Lab of Physics Processing of Agricultural Products. The bachelor's degree program in Agricultural Product Processing & Engineering was established in 1983. The Master's degree program in Agricultural Product Processing & Engineering was authorized in 1986, followed by the PhD program in 1993. At present, 30-year-old discipline, series of distinguished disciplines' researches have been fully developed, including Non-destructive Analysis of Agricultural Products, Agricultural Product

## DEPARTMENTS

Department of Food Science & Engineering  
Department of Food Quality & Safety  
Department of Biotechnology  
Department of Bioengineering



# FOOD SCIENCE & ENGINEERING

## WHAT WILL I LEARN?

In this program you acquire expertise in the processing of food combined with a thorough understanding of the biogenesis of raw materials and their microbiological ecology. You learn to develop appropriate food formulas and processing techniques that allow for product-specific processing conditions in automated production processes.

## WHY CHOOSE TO STUDY THIS PROGRAM IN JSU:

The infrastructure, financing and facilities are first class. The School is well equipped with state-of-the-art facilities. It has several laboratories, maintained by skilled technical experts, in which industrial methods of food processing can realistically be reproduced and products developed, tested and analyzed. The school has an

### What will I study during my studies in the field of Food Science and Engineering?

Students in Food Science and Engineering will gain an in-depth understanding of the biogenesis of raw materials and their microbiological ecology. They will learn to develop appropriate food formulas and processing techniques that allow for product-specific processing conditions in automated production processes.

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# Masters in FOOD SCIENCE & ENGINEERING

Program Duration: 3 Years

Intake: March & September

Tuition: 24000 CNY/Year

Department:

## RESEARCH DIRECTIONS

Food Safety & Quality  
Food Processing & Packaging  
Food Engineering & Food Systems  
Food Quality & Food Safety  
Food Preservation & Food Packaging  
Food Safety & Quality

## APPLICANT QUALIFICATION

Applicants should have a Bachelor's degree in Food Science & Engineering or a related field from a recognized university. Applicants should have a minimum GPA of 2.5 (on a 4.0 scale) and a minimum TOEFL score of 80.

# PhD in FOOD SCIENCE & ENGINEERING

Program Duration: 3 Years

Intake: March & September

Tuition: 28000 CNY/Year

Applicants should have a Master's degree in Food Science & Engineering or a related field from a recognized university. Applicants should have a minimum GPA of 3.0 (on a 4.0 scale) and a minimum TOEFL score of 100.

# School of

## THE SCHOOL

The School of Foreign Languages at Langrish College was a pioneer in providing state-of-the-art facilities for its students. Since its inception, we have continued to improve its facilities. In addition, we have built a new building, including classrooms and our performance hall. Established under the National Center of Education with fully 300 seats and 100 full-time students, since year 1988, it has become the largest of its kind in the country. The school has an excellent faculty of teachers, including the Japanese and Korean, and the name of the College Language Education & Research, the Institute of Applied Linguistics, the Institute of English Literature, the Research Center for Intercultural Communication, the Institute of English and American Studies, the Institute of Translation, Research Center for Applied Linguistics, and the Institute of Asian Studies. With a good reputation for its students, studies, researchers of the school have won many prizes and awards. Since 2010, the school staff have been selected as national-level experts in the field of applied linguistics, foreign languages, teaching, and research. Foreign Language Education & Research, and the Institute of Applied Linguistics, are both 5-star schools.

## DEPARTMENTS

### DEPARTMENTS

- English
- Japanese
- Korean

# Masters in FOREIGN LINGUISTICS & APPLIED LINGUISTICS

The whole staff of the School is striving for the objective of building the School into a famous school of foreign languages with striking features in scientific work, a harmonious development of specialties and disciplines, and excellent teaching quality.

## RESEARCH DIRECTIONS

1. Foreign language teaching and learning
2. Translation studies
3. Cross-cultural studies
4. Cross-cultural communication

Program Duration: 3 Years

Intake: March & September

学位授予单位: 上海外国语大学

Department:

School of Foreign Languages

Scholarships:

20,000 CNY (Presidential)

2000-5000 (Schooling, 70% of students)

## WHY CHOOSE TO STUDY THIS PROGRAM IN JSU:

Students majoring in Applied Linguistics are required to command systematic knowledge of fundamental theories in linguistics and applied linguistics, to get acquainted with the recent developments in this field, to become a scientific researcher and teacher in foreign languages, to learn to use the general rules and methods of foreign language teaching and research, and to cultivate the innovative scientific spirit and awareness.

## HOW WILL THIS COURSE ENHANCE MY CAREER PROSPECTS?

This program will help you gain a solid foundation of theoretical and practical knowledge and skills in the field of Applied Linguistics.

## CORE COURSES

General Linguistics, Linguistics, Applied Linguistics, Foreign Language, Foreign Language Acquisition, Cross-cultural Communication, Translation, Language Teaching and Learning



School of

HUMANITIES & LAW

## THE SCHOOL

In May 2011, the School of Humanities and Law of Jiangsu University is integrated by former School of Law and Chinese language and literature Department of former School of Humanities and Social Science in Jiangsu University. There are five professional majors: Law (Economic Law), Law (International Economic Law), Teaching Chinese as a Second Language, Chinese Language and Literature (Teacher), Chinese Language and Literature (Senior Secretary abroad), with the first level of Marxism theory master's degree authorization center (built the same time as the School of Marxism). There are more than 1100 students and more than 80 faculty and staff, including 9 professors, 21 associate professors and 33 Ph.D. The School of Humanities and Law keeps centering on teaching and takes active promotion in educational reform. It has taken part in significant projects about educational reform on provincial and municipal level for many times. Besides, since the school continues to update teaching contents and explore new teaching mode, the quality of education has got a stable increase. What's more, was named the exquisite course on provincial level and, the second excellent course. In 2010 the Law major was selected as the university's characteristic specialty and ranked as key discipline. Now, the "Humanities Lab" and "Practical and Teaching Center of the Law major" have been established, which provide a great teaching and experimental condition for the whole faculties and students. The School of Humanities and Law focuses on personnel training and adheres to the work ethic "cultivation as foundation, education as center and employment as guidance". As a result, the school is in the forefront of dealing with student affairs. Recently, according to the statistics, the degree conferring rate of graduates is over 98%, the pass rate of national unified judiciary examination of law major has been 35%, the employment rate of graduates is over 97%, and the proportion of postgraduates is about 15%.

## DEPARTMENTS

Teaching Chinese  
Chinese Language & Literature  
Advanced Secretary of Foreign Affairs  
Law





Program Duration: 3 Years  
 120 Credit Hours

## WHY CHOOSE TO STUDY THIS PROGRAM



## ACCELERATE YOUR LAW

Our Juris Doctor program is designed to help you complete your law degree in just three years. This accelerated program allows you to earn your law degree faster than the traditional four-year program, saving you time and money. You will complete the same rigorous coursework as your peers, but in a more condensed format. This program is ideal for students who are ready to commit to a full-time law program and want to enter the workforce as soon as possible.

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# Masters in PEDAGOGY

Pedagogy can mean the study of the theory and practice of education, but it can also refer to teaching children and young students in a personal, holistic way. In the latter sense, pedagogy might be regarded as the art of bringing up and offering basic education to children. In some European countries, pedagogy is also more related to social work, as studies in pedagogy may include childcare and early-years services, youth work, parenting and family support services, education for young offenders, or play work.

## RESEARCH DIRECTIONS

Masters in Pedagogy has four main research directions namely:

- Principles of Higher Education

Program Duration: 3 Years

Intake: March & September

Tuition: 22000 CNY/Year

Department:

School of Arts

Scholarships:

20,000 CNY (Presidential);

1,000CNY (1<sup>st</sup> Year)

## HOW WILL THIS COURSE ENHANCE MY CAREER PROSPECTS?

Is it your ambition to work in the field of pedagogy or education? Think about jobs in child protection services, youth residential organizations and educational institutes. Increasingly, these organizations yearn for profes

## WHY CHOOSE TO STUDY THIS PROGRAM IN JSU:

Jiangsu University is a comprehensive teaching and research-oriented university and ranked among the best 50 out of 3000 universities in China. With its long history, rich culture, accomplished scholars, distinguished alumni, and outstanding students. Jiangsu University Law School offers an extraordinary environment in which to study Chinese law, and perspectives to understand Chinese society through close contacts with Chinese students, legal professionals and locals. This is excellent opportunity to study Chinese law and engage in Chinese and comparative law research.

## CORE COURSES

The specialisation of Educational Sciences includes modules that concern current scientific theories on the effectiveness of both teaching methods and schools, while the specialisation of Child & Family Studies focuses on Parenting in Contemporary Society