

University of Shanghai for Science and Technology (USST), China

University of Shanghai for Science and Technology (USST) is well-known in Shanghai. Its one hundred year history can be traced to the University of Shanghai, founded in 1906 and Deutsche Medizinschule founded in 1907. Many original buildings have been preserved and retained in the university, and are considered among the best-preserved historical buildings in the city. At present, they make up the Shanghai International Cultural Park, which has been named by Shanghai Economic Commission as “Shanghai Creative Industry Concentration Zone” and gathered a number of advanced manufacturing-oriented R & D institutions and enterprises and has served as a platform combining production, learning and research together.

As a key university of Shanghai and with key strength in Engineering, USST also extends to other disciplines such as Natural Science, Economics, Management and Literature. It has accepted the challenge of developing its undergraduate and graduate programs and is adopting international standards. It has established formal collaborations with more than 80 universities in America, Britain, Germany, Canada, Japan, Australia and other countries throughout the world. Two international joint programs—the Sino-British College and Sino-German College, include resident foreign faculty with whom Chinese and international students study. Entrusted by central and local government, USST administers Chinese Government Scholarships as well as Shanghai Municipal Government Scholarships to attract outstanding students pursuing Bachelor’s, Master’s or Doctoral degree in the university.

For the purpose of promoting its teaching and ability of serving the society through scientific research, USST has raised its annual research outlay to 384.4 million Yuan including the following projects: “863” projects, “975” basic research projects, the key projects of the National Natural Science Foundation and projects of scientific research at ministerial or provincial level.

With a history of over 100 years, USST features an excellent international humanistic environment, outstanding cultural traditions, and remarkable philosophy of schooling as well as high prestige at home and abroad, all of which provide a favorable environment and enjoyable conditions for both overseas students and domestic students.

School of Energy and Power Engineering

The School of Energy and Power Engineering (SEPE) in USST is one of USST's leading engineering schools and the largest at USST in terms of the scope of its research activities. It has always provided high-quality university education in energy and power engineering and offers well-tailored programs at bachelor, master and doctorate levels. Its research activities are among the most active in China's thermal energy fields. SEPE is a constant and growing presence in the field of energy and power engineering.

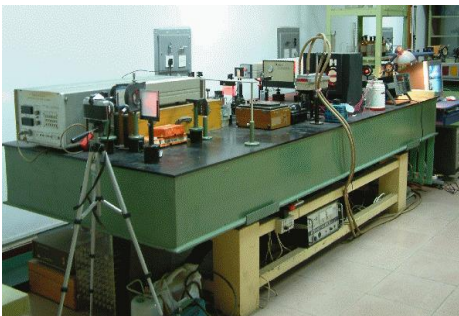
The school has “Power Engineering and Engineering Thermophysics” postdoctor mobile station, “Power Engineering and Engineering Thermophysics” doctoral degree awarding entitlement, “Thermal Engineering”, “Refrigeration and Cryogenic Engineering”, “Power Machinery and Engineering”, “Engineering Thermodynamics”, “Fluid Machinery and Engineering”, “Chemical Process Equipment”

six doctor stations and plus “fluid mechanics” seven master stations and “Power Engineering” Master station of Engineering . Most of them are “Key Discipline of Shanghai”. Annually, 200 doctor/master students and 350 bachelor students are enrolled.

The school is committed to “973 project” and “863 project”, the national scientific and technological support projects, over 100 key national natural science projects, more than 200 provincial projects, up to 600 enterprises’ projects. The school once won the second prize of National Science and Technology Progress Award, the second prize of National Natural Science, the first prize of Shanghai Technology Invention Award and over 90 other awards. In the last five years, 76 papers were published in SCI, more than 400 articles are collected by EI, and 36 authorized invention patents.

The school has built cooperation relationship with many universities in France, Germany, Japan, etc. It annually recommends outstanding students to foreign universities for exchange study and accepts foreign doctor, master and undergraduate students to study in the school.

The school has eight research institutes and Teaching & Study base like energy and power engineering national teaching demonstration centers, China Machinery Industry Key Laboratory of "environmentally friendly refrigerants applied research, Sino-US Oil making from biogas Research Center and multiphase flow measurement research centers and power Engineering experimental Center.



Course Catalogue

Name of courses	Chinese Credits	ECTS Credits
Modern Control Theory	2	4
Power System Process Control Engineering	2	4
Particle Measuring Technology	2	4
Refrigeration and Cryogenic Technology	3	6
Gas Turbine and Cogeneration Power Plant	3	6
Computational Simulation of Thermal Process	2	4
Experiment Design and Data Analysis	2	4
Basics in Chinese Culture and Language	3	6

Services for the international students

The International Students Office is in charge of overall international student's affairs while schools/colleges are responsible for academic and daily administration. In principle, international students study together with local students and are subject to same academic administrative rules.

USST provides full-fledged international education service. Programs are taught in Chinese, English, Chinese & English, and Chinese & German. Shanghai International Education College provides high quality Chinese language courses, including pre-university Chinese, commercial Chinese, basic Chinese and HSK test tutorial, etc., that are designed at multiple levels to meet the needs of students with different experience.

- The International Student Apartment provides international students with good lodging and living conditions. Reservation of the dorm rooms: International Student Dormitory or Introducing Flat renting. Book online: <http://isoe.usst.edu.cn/s/17/t/69/p/1/c/3449/list.htm>
- Map of USST: <http://ie.usst.edu.cn/upfiles/usst%20map%201.JPG>
- Information for exchange students: <http://ie.usst.edu.cn/zh-en/Students/index.html?named=Guest%20Student>
- For any other services contact the International Office: Tel:86-21-55270620

Cultural programme and leisure activities

Sports venues and facilities like school gymnasium, ground track field, basketball court, tennis court, swimming pool, badminton court and table tennis court are open to all students. The International student association also organizes all kinds of activities enriching the extracurricular life of its members.

For example: Ceremony Class, Japanese Gift-wrapping Culture, US Consul General Robert Griffiths' Visit, International Culture Park Festival, Music Event, Learn about "Edo", Art Salon Series, Mass Meeting for the Establishment of the Sino-Japanese Friendship Foundation and a Report on the Yunnan

Service Trip, Smart Talk: Motor Design and Auto Mechanical Engineering Working with the Cultural and Education Section of the British Consulate-General, PHD Salon, Earth Week-Cooking with Whole Foods, Earth Week-Environment Film Day, Earth Week-Earth Day Program, British Film Appreciation, Osaka Dialect, Art Salon Series, Coffee Hour, Japanese Culture Course, Contemporary Japanese Economic Theory Course, American Culture Course, Film Night, Modern Etiquette Course, German Culture Course, German-debating club, German corner, German songs and so on ...

