



SJTU PARIS ELITE INSTITUTE OF TECHNOLOGY

Open the door to success by becoming
the engineer of the future



Contact

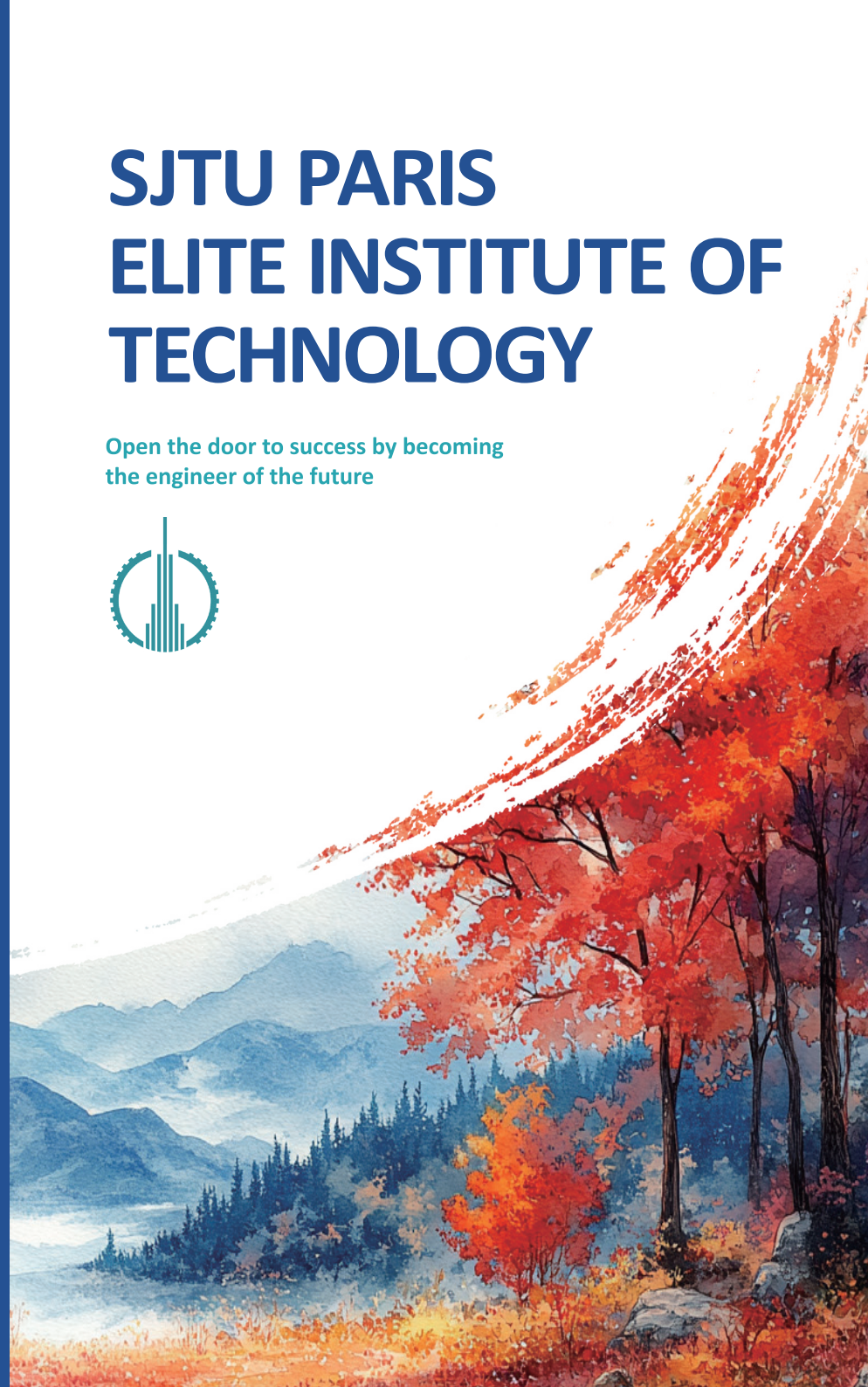
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SPEIT



SJTU Paris Elite Institute of Technology (SPEIT) is an engineering school established in 2012, the result of a collaboration between Shanghai Jiao Tong University, *Institut Polytechnique de Paris*, and *Université de Paris Sciences et Lettres*.

SPEIT brings together the expertise of renowned French *Grandes Écoles* (*École Polytechnique, Télécom Paris, ENSTA Paris, Mines Paris*) and Shanghai Jiao Tong University to train students with high potential to become future industrial leaders and innovators. We are proud to be accredited by the Commission des *Titres d'Ingénieur* and EUR-ACE label, thus allowing SPEIT graduates to obtain the title of French Engineer.

2012

Creation of SPEIT



2013

Inauguration by the President of the French Republic François Hollande



2015

First CTI Accreditation and EUR-ACE Labeling



2016

Awarded the "Prize for Excellence in Franco-Chinese University Cooperation"



2019

Graduation of the First Class



2022

The 10th Anniversary Celebration of SPEIT



2023

Publication of a Series of Engineering Manuals "Training of Chinese-French Excellence Engineers"



2024

Renewal of CTI Accreditation and EUR-ACE Labeling (Valid for 5 years)



Key figures

636 Students

43 Permanent faculty members, with 40% international professors

50 Invited professors from France per year

177 Research Tutors (46% are professors)

50 Projects in collaboration with industry



SJTU



SJTU (Shanghai Jiao Tong University) is one of China's leading universities and is often ranked among the top four. Established in 1896, it is located in the dynamic city of Shanghai. The university offers a wide range of academic programs in various fields, including science, engineering, humanities and social sciences, business, medicine, etc.



SJTU has established solid partnerships with over 150 renowned universities worldwide, with which it has carried out a range of effective cooperation in the field of education and academic research.

At a glance

QS 2024: **#51**

Campus area: **345,350** square meters

Total staff and faculty: **10,587**

Key laboratories in the country: **8**

Faculties: **40**

49,000+ total number of students

18,000+ undergraduate students

25,000+ graduate/Phd students

6,000+ international students





**Institut Polytechnique
de Paris**

QS/No.
38



École Polytechnique

École Polytechnique is one of the most prestigious institutions in France even in the world, recognized for its academic excellence and training of high-level engineers. Founded in 1794, it is a general engineering school that offers high-level scientific and technological programs. It provides multidisciplinary training covering many fields, such as mathematics, physics, computer science, biology, economics, and social sciences.

<http://www.polytechnique.edu/>



ENSTA Paris

ENSTA Paris is a renowned engineering school offering cutting-edge technology training and playing a major role in scientific and technological advancement. Founded in 1741, it is a French grande école specializing in mechanical, electrical, electronic, and computer engineering, as well as applied physics.

<https://www.ensta-paris.fr/>



Télécom Paris

Founded in 1878, Télécom Paris is a prestigious French grande école specializing in information and communication technologies. The engineering program offered at Télécom Paris is highly comprehensive and multidisciplinary, covering areas such as computer science, networks, communication, software engineering, and applied mathematics.

<https://www.telecom-paris.fr/>



**Université PSL
(Paris Sciences &
Lettres)**

QS/No.
24

Mines Paris

Founded in 1783, Mines Paris is one of the top engineering schools in France. It offers high-quality education in various technical and scientific fields, with a strong focus on research, interdisciplinarity, and the development of management skills. Graduates from the school are highly valued in the job market for their expertise and skills.

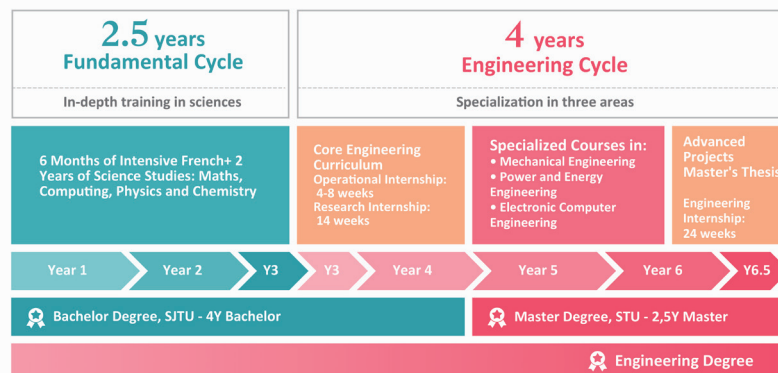
<https://www.minesparis.psl.eu/>



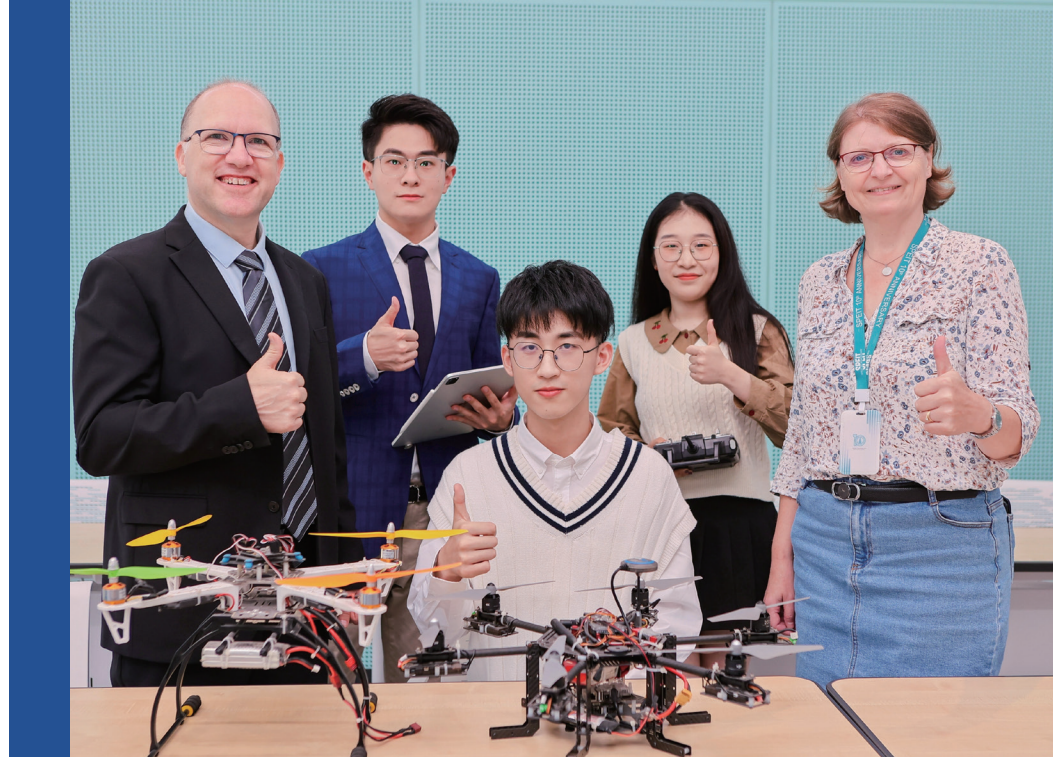
Programs at SPEIT

- ✓ 6.5 years, taught in French and English.
- ✓ 3 Degrees: Bachelor from SJTU, Master from SJTU, French Engineer Title.
- ✓ Accredited by the Chinese Ministry of Education, the Commission *des Titres d'Ingénieur*, and the EUR-ACE Label.
- ✓ Possibility of Double Degrees with 4 Partner French Schools.
- ✓ Exchange Programs Available, 100% of Students have the Opportunity to Spend at Least 6 Months Abroad.
- ✓ A Robust Academic Foundation, Enriched by Internships in Companies or Research Laboratories, Offering a Well-Rounded Curriculum that Integrates Management, Economics, Culture, and Social Sciences.

PROGRAM



Majors



Mechanical Engineering

SPEIT offers a mechanical engineering curriculum with hands-on design and research experiences to develop future leaders. Study tracks include intelligent manufacturing and robotics. Core courses cover fluid dynamics, heat transfer, materials science, and robotics. Graduates can consider careers in aerospace, aircraft manufacturing, rail transportation, automobile, and intelligent robots.

Energy and Power Engineering

SPEIT offers programs in power and electrical engineering, including the study of energy power systems, clean energy technologies, and smart energy. Practical courses and internships allow students to learn about scientific and technological innovation in energy, and gain career opportunities in new energy, materials, energy efficiency, aerospace, and automobile industries.

Electronic Information

SPEIT's program trains pioneering professionals in the fields of computer science, communication and their applications. Students learn databases, machine learning, big data, software engineering, computer networks and many others. The program also includes applications in information and communication systems such as wireless networks and intelligent robotics. Graduates are equipped to make significant contributions to the industry.

*Applicants must have a good level of French or English. For specific application requirements, please contact the admissions team in advance.



Courses

Fundamental Courses

Code	Cours	Crédits
KE001	Physical Education (1)	1
KE1202	Physical Education (2)	1
KE2201	Physical Education (3)	1
KE2202	Physical Education (4)	1
FL2603P	Intercultural Engineering Module (1)	1
FL3603P	Intercultural Engineering Module (2)	1
PHY1302P	Introduction to the Structure of Matter	2
FL3702P	International Studies Preparation	2
FL1904P	Fundamental Comprehensive Scientific Project- B	3
MARX1201	Cultivation of Ethics and Fundamentals of Law	3
MATH2308P	Topology and Differential Calculus	3
MATH2309P	Mathematical Foundation for Artificial Intelligence	3
MATH2310P	Mathematical Foundation for Engineering Applications	3
PHY3306P	Introduction to Quantum Mechanics	3
PHY3303P	Aquaphase Physico-Chemistry	3
ICE3302P	C Programming and Algorithm Analysis	3
FL1902P	Scientific Bases for Engineers	4
FL1903P	Fundamental Comprehensive Scientific Project- A	4
MATH1301P	Advanced Mathematics I	4
MATH1302P	Advanced Mathematics II	4
FL1905P	Interdisciplinary Project	4
PHY2301P	Foundations of Engineering Physics and Chemistry (1)	4
PHY2304P	Foundations of Engineering Physics and Chemistry (4)	4
PHY3305P	Principle of Electromagnetism	4
PHY1301P	Fundamental Physics	5
MATH2305P	Sequences and Series	6
MATH2306P	Linear and Bilinear Algebra I	6
PHY2302P	Foundations of Engineering Physics and Chemistry (2)	6
MATH2307P	Advanced Linear Algebra	6
PHY2303P	Foundations of Engineering Physics and Chemistry (3)	6
MATH3308P	Abstract algebra and Applications	6
MATH3309P	Advanced Differential Calculus and Numerical Calculus	6
MATH3305P	Integration, Series and Fourier Analysis	6

*Due to space limitations on this page, it is not possible to display all available courses. For a complete list of courses, we recommend contacting directly our admissions team.

Engineering in Electronic Information

Code	Cours	Crédits
GE6609P	Introduction to Risk Management	1
GE6613P	Economic Decision and Calculation	1
ICE3402P	Data Structure	2
MATH3403P	Graph Theory	2
ICE4408P	Advanced Electronics	2
ICE3404P	Database System Concepts	2
MATH3306P	Optimisation	2
ICE4404P	Programming Languages Theory	2
ICE4411P	Information and Coding	2
ICE4412P	Mobile Communication Systems	2
ICE6415P	Computer Vision	2
ICE7506P	Network Security Technologies	2
ICE6405P	Cloud Computing	2
GE6604P	Industrial and Information Design	2
GE6614P	Major Project Management and Industrial Software	2
MATH6307P	Automation and System Control	2
MATH6306P	Statistics in Actions	2
ICE6402P	Mobile Robotics	2
ICE6417P	Deep Learning for Large Pretrained Models	2
ICE6413P	Cloud Native Architecture	2
ICE7501P	Smart Grid	2
ICE7503P	3D Perception and Modeling	2
ICE6416P	Software-Defined Networks	2
ICE6414P	Parallel Data Processing	2
ICE6403P	IoT Design	2
GE6612P	Business Model Innovation	2
MATH6303P	Stochastic methods	2
MATH6304P	Optimization and Numerical Analysis	2
GE6615P	Mega Projects of China : Introduction to Engineering	2
ICE6410P	Software Engineering	2
ICE6418P	High Performance Computing, Algorithm and Application	2
ICE4405P	Digital Signal Processing	3
ICE4413P	Machine Learning	3
ICE4407P	Computer Networks	3
MATH3307P	Probability & Statistics	4
ICE4406P	Computer Organization & Architecture	5

Engineering in Mechanical Engineering

Code	Cours	Crédits
GE6609P	Introduction to Risk Management	1
GE6613P	Economic Decision and Calculation	1
ME4405P	Mechanics of Materials	2
MATH3402P	Dynamical Systems, Stability, Command	2
PHY3402P	Fundamentals of Fluid Mechanics	2
ME4403P	Mechanics of Continuum Media	2
ME4401P	Fundamentals of Materials Science	2
MATH3306P	Optimisation	2
ME4901P	Application Project in Mechanical Engineering - 1	2
ME4404P	Compressible Aerodynamics	2
MATH4403P	Finite Element Method	2
ME4406P	Mechanical Principle and Design	2
PE6302P	From Nuclear Energy to Nuclear Power	2
ME6901P	Application project II : Fluid mechanics	2
ME6403P	Smart Materials	2
GE6604P	Industrial and Information Design	2
GE6611P	Cultural Consumption and Marketing	2
GE6614P	Major Project Management and Industrial Software	2
MATH6307P	Automation and System Control	2
MATH6306P	Statistics in Actions	2
ME6902P	Application project II : Solid mechanics	2
PE6310P	Industrial Thermal Transfers	2
PE6308P	Numerical Modelling of Fluid mechanics	2
GE6612P	Business Model Innovation	2
MATH6303P	Stochastic Methods	2
MATH6304P	Optimization and Numerical Analysis	2
GE6615P	Mega Projects of China : Introduction to Engineering	2
ICE6410P	Software Engineering	2
ICE6418P	High Performance Computing, Algorithm and Application	2
PHY3403P	Statistical Physics and Transport Phenomena	3
MATH4401P	Functional Analysis and Partial Differential Equation Discretization	3
PE4408P	Engineering Thermodynamic	3
ME6402P	Numerical Modeling of Solids and Structures	3
MATH3307P	Probability & Statistics	4
PE4401P	Engineering Fluid Dynamics and Heat Transfer	4
ME6501P	New Materials and Advanced Manufacturing	4

Engineering in Energy and Power Engineering

Code	Cours	Crédits
PE4404P	Fundamental Aspects of Combustion	2
PE4403P	World Energy Issues - Technological Solutions	2
MATH3402P	Dynamical Systems, Stability, Command	2
PHY3402P	Fundamentals of Fluid Mechanics	2
ME4403P	Mechanics of Continuum Media	2
ME4401P	Fundamentals of Materials Science	2
MATH3306P	Optimisation	2
PE4901P	Application Project for Heat and Mass Transfer	2
MATH4403P	Finite Element Method	2
ME4406P	Mechanical Principle and Design	2
PE6312P	Energy Systems Modeling and Integration	2
PE6313P	Fluid Thermodynamics	2
PE7505P	Carbon Capture, Utilization and Storage	2
PE7507P	Engine	2
PE6409P	Scientific Machine Learning for Engineering	2
ME6403P	Smart Materials	2
GE6604P	Industrial and Information Design	2
GE6614P	Major Project Management and Industrial Software	2
MATH6307P	Automation and System Control	2
MATH6306P	Statistics in Actions	2
PE7506P	Energy Management and Energy Efficiency	2
PE6407P	Electrical Engineering and Networks: Introduction to Power Systems	2
PE6408P	Energy Storage and Hydrogen Network	2
PE6310P	Industrial Thermal Transfers	2
PE6308P	Numerical Modelling of Fluid Mechanics	2
GE6612P	Business Model Innovation	2
MATH6303P	Stochastic Methods	2
MATH6304P	Optimization and Numerical Analysis	2
GE6615P	Mega Projects of China : Introduction to Engineering	2
ICE6410P	Software Engineering	2
ICE6418P	High Performance Computing, Algorithm and Application	2
PHY3403P	Statistical Physics and Transport Phenomena	3
MATH4401P	Functional Analysis and Partial Differential Equation Discretization	3
PE4408P	Engineering Thermodynamic	3
MATH3307P	Probability & Statistics	4
PE4401P	Engineering Fluid Dynamics and Heat Transfer	4



Question: Why did you choose to study at SPEIT ? How is your campus life ?



**BOUNLHOM CLAUDIE
APHAYAVONG**
France
Double Degree
Electronic
Information

I chose to join SPEIT for two main reasons: its commitment to academic excellence and its international Franco-Chinese learning environment. Developing a keen interest in Chinese culture, I sought an education that would allow me to explore China as a whole, including the language and customs, as a French speaker. Furthermore, I wanted to continue my studies in a dynamic and high-quality environment, similar to my engineering school in France, and that is exactly what SPEIT offers. Since arriving on campus, I have been impressed by the quality of the educational programs and the cultural diversity of the student community. Campus life is dynamic and stimulating, offering opportunities to participate in clubs that are specific to universities, which I could not have found at Télécom Paris.



HAW YEN CHOW
Malaysia
Master
Electronic
Information

I have always dreamed of studying in China to fully immerse myself in the culture of this country that has many similarities with mine. When the opportunity arose to join one of the best universities in Asia- SJTU, the decision was easy to make. However, joining SPEIT, the master's program in French, was much riskier for me, because I still had gaps in this language. Fortunately, thanks to the kind help of the teachers, I was able to join this program and I am very grateful to them for that. Learning a new language while continuing my studies is a stimulating challenge that motivates me and gives me great satisfaction. The teachers at SJTU are very kind and provide invaluable support. Although Shanghai is a foreign city for me, I am gradually getting used to life here and I am glad I made this choice. Indeed, it was one of the best choices of my life and I am happy to be able to explore this beautiful city.



**PALINGWINDE
HERMINE LINDA J
COULIBALY**
Burkina Faso
Master
Energy and Power
Engineering

My name is COULIBALY Palingwinde Hermine Linda Jessica and I am currently a master's student in Energy and Power Engineering at SPEIT. I chose this university to continue my studies because it has the necessary advantages for my future career choice, including qualified and recognized professors in the different fields offered. In addition, SPEIT provides courses that are favorable to entering the professional world and is open to all, regardless of origin. Since my arrival on campus on September 11, 2023, everything has been going well. The courses are taught in settings that are very favorable to studies and we benefit from optimal supervision and monitoring by the university professors.



LUC XIONG
France
Bachelor

I am delighted to share my excitement following my acceptance to SPEIT. I chose this school because of its friendly and French-speaking environment, and I strongly believe in its values. So far, the atmosphere at SPEIT has perfectly matched my expectations. Since I have already graduated from a French high school and have a good command of the language, I do not need to take beginner French courses. This leaves me with plenty of free time to do what I want. In addition, the campus is spacious and offers a variety of dining options, including Western restaurants, fast food restaurants, and coffee shops. Overall, I am extremely satisfied with my experience at SPEIT.

WHERE DO OUR GRADUATES WORK ?

50%

Information and Communica-
tion Technologies (ICT)

30%

Manufacturing &
Industry

19%

Finance and Management
Government



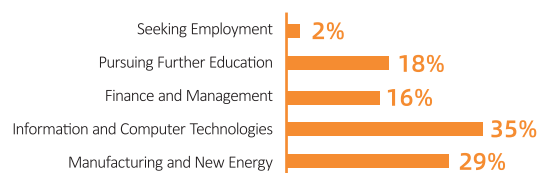
82%



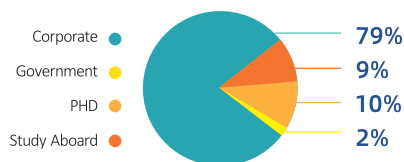
18%

First Average Salary: ¥ 350 000 (€ 45,255)

2023 Employment by Sector



Where do our graduates work from 2019 to 2022 ?



In previous years, **98%-100%** of master's graduates are employed within 3 months of graduation.

The Ecosystem

SPEIT has a highly developed economic base and allows students to find work in most fields of activity and in companies of all sizes.

SAFRAN

Alibaba Cloud

ARDIAN

Tencent 腾讯

Valeo



HUAWEI

edf

faurecia
inspiring mobility

Rockwell
Automation

Aden

SITRI

ARTEFACT
VALUE BY DATA

远算



DASSAULT
SYSTEMES

Air Liquide
creative oxygen

Schneider
Electric

FORVIA
inspiring mobility

ABB

EAT•N

IBM



ATEQ

ENGIE

SAINT-GOBAIN

UBISOFT

Admission

Steps to apply:

1. Submit your application online.
2. Applicants will be selected based on their application.
3. Selected applicants will be invited for an interview.
4. If you are accepted, you will receive an admission letter.
5. Apply for a visa to China.
6. Once you have obtained your visa, you can arrive in China.

Application website: Study@SJTU

Admission Team

Ms Sinan Zhu

Tel: 0086-21-54743273

Email: admission.speit@situ.edu.cn

Adresse: 800 Dongchuan Road, Shanghai

Scholarship

Students have the opportunity to receive scholarships or financial aid from the state, government or companies.

Study Level	Types	Duration (Years)	Coverage RMB			
			Monthly Allowance (RMB/Month)	Full Tuition Fee Exemption (RMB/Year)	Insurance (RMB/Year)	Housing Allowance (RMB/Month)
Master	CSC/SGS Scholarship	2-3	3000	65000	800	1200
	SJTU Scholarship	2-3	1500	65000	800	1200
	SJTU Scholarship - Tuition Fee Exemption	2-3	/	65000	800	/
	SPEIT Scholarship	Consult SPEIT				

Study Level	Types	Scholarship	Note
Bachelor	First Class Scholarship	Duration : 4 Years 100% Tuition Waiver Living Allowance Housing Subsidy Health Insurance	Full Tuition Fee: 65,000 RMB/Year Health Insurance: 800 RMB / Academic Year Housing Subsidy: 1,000 RMB / Month Living Allowance: 2,500 RMB / Month
	Second Class Scholarship	Duration : 4 Years 50% Tuition Waiver Housing Subsidy Health Insurance	• Candidates must not be recipients of other scholarships. • Scholarship results will be announced along with admission results.
	Third Class Scholarship	Duration : 4 Years 25% Tuition Waiver Health Insurance	• SJTU reserves the right to make the final decision.

