



上海交通大学
SHANGHAI JIAO TONG UNIVERSITY

2020 SJTU GLOBAL SUMMER SCHOOL



Contact :

<http://summerprogram.sjtu.edu.cn/>

Email: isc.mobility@sjtu.edu.cn

PROGRAM OVERVIEW

SJTU welcomes undergraduate and graduate students from all over the world to study in Shanghai, one of the most dynamic cities in China. This summer, we invite you to enhance your academic credentials, advance your career, and explore your interests.

The 2020 Global Summer School provides excellent opportunities for students to learn about China through academic and cultural immersion. A wide range of courses in various disciplines are provided, including Public Policy and City Governance, Practice in Restoring Chinese Historical Buildings, Digital Innovations and Smart Construction, and Machine Intelligence and Robotics, each of which will be accompanied by Chinese language courses.

In addition to academic lectures, local excursions, cultural activities, and field trips are also available for International students. From these extracurricular activities, students will learn more about Chinese culture, history, politics and the latest developments of the country. This is a chance to experience Chinese culture firsthand and to make friends from China and all around the world.

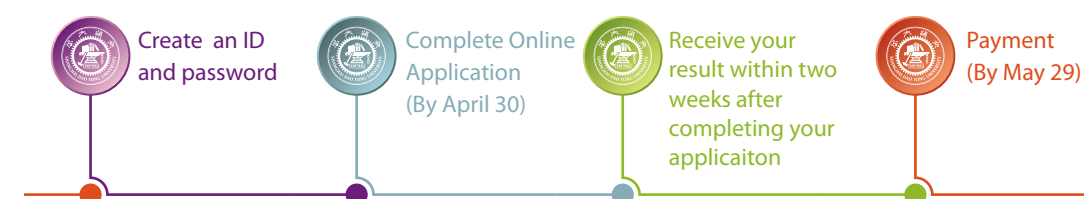
Join us this summer and discover how SJTU can help you realize your potential!



→ Eligibility

- A. Students from overseas, Hong Kong, Taiwan, and Macao must be enrolled as an undergraduate or graduate student prior to applying for this program.
- B. Students from non-English speaking countries should provide an English language proficiency certificate. Either an IELTS (no less than 6.0), TOEFL (no less than 79 points), or TOEIC (no less than 800 points). If you are studying in a fully English taught program, you must provide the relevant certificate.
- C. Other prerequisites may be required by each course.

→ Application Process



- A. Please apply via the following website :
<http://apply.sjtu.edu.cn>
The following items must be uploaded to the online application:
 - A scan of the ID page of the student's passport. The passport must be valid for at least 6 more months for the visa application.
 - ID photo (Similar to a passport photo)
 - Curriculum vitae (CV)
 - Motivation letter
 - Language proficiency certificate (If applicable)
- B. Applicants can only attend one course across the program.
- C. In regards to free placements for applicants from university-level exchange partners, please contact the International Office of your home university for more detailed information.

→ Course Schedule

- A. Lectures will be held in the morning, and field trips or company visits will be arranged during the afternoons from Monday to Thursday. The Chinese language and culture course will be conducted every Tuesday and Thursday afternoon. There are no classes on Friday. Cultural trips will be arranged on the weekend.
- B. If the number of participants is less than 20 students, the course will be cancelled. If this is the case, students will be notified via the website by the 1st of May, 2020. Students have two course choices when filling the online application, if the first course is cancelled, the applicant will be automatically reassigned to the second course.
- C. Please check our website for the updated version of the schedule of each course.

→ In addition to the excellent lectures, you will also experience the following when joining the program:

- > Airport pickup service
- > Welcome reception
- > Cultural show
- > Filed trip
- > Unique cultural experiences
- > Integration with local students

→ Credit

Session A: 2 Credits
Session B: 3 Credits

→ Important Dates

	Session A	Session B
Duration	2020.7.9-2020.7.24	2020.7.9-2020.7.31
Application period	2019.12.1-2020.4.30	2019.12.1-2020.4.30
Application deadline	2020.4.30	2020.4.30
Registration & dormitory check-in	2020.7.9 8:30am-5:00pm	2020.7.9 8:30am-5:00pm
Welcome reception	2020.7.10	2020.7.10
Courses begin	2020.7.13	2020.7.13
Courses end	2020.7.24	2020.7.31
Dormitory check-out	2020.7.25 8:30am-5:00pm	2020.8.1 8:30am-5:00pm

→ Fees

	Session A	Session B
Application fee	RMB 400(USD 60)	RMB 400 (USD60)
Tuition fee	RMB 5000(USD 760)	RMB 7500 (USD 930)
Total	RMB 5400(USD 820)	RMB 7900(USD990)
Payment deadline	2020.5.29	2020.5.29

The culture trip fee is not included in the tuition fee.

→ Refund Policy

**The application fee is non-refundable.

Withdrawal is defined as the dropping of an entire academic program. All students who drop their academic program before May 29,2020 will not be charged. ¹

Cancellation Date	Remarks
By May 29,2020	Full refund
By July 9,2020	50% refund
After July 9,2020	No refunds

→ Announcement

You will be notified of the result through our website, and an email within two weeks of completing the application.

→ Accommodation

The 2020 Global Summer School will be conducted at two campuses: Xuhui and Minhang. Students are able to choose on-campus or off-campus accommodation depending on the location of their course.

For on campus accommodation, room reservations should be made online at dorm.sjtu.edu.cn and the accommodation fee will be paid online. All the students who will live in the on campus accommodation should obey the accommodation regulatory rules of SJTU. Due to the on-campus accommodation being limited, students can also choose off-campus accommodation.

More detailed information regarding the accommodation reservation will be released once you have been admitted to Global Summer School.

For more information, please contact International Student Service Center
Minhang Campus: issc_minhang@sjtu.edu.cn +86-21-34203955
Xuhui Campus: issc_xuhui@sjtu.edu.cn +86-21-62933305

¹ All cancellation requests must be sent to isc.mobility@sjtu.edu.cn.

→ **Visa**

SJTU will provide students with JW 202 and admission notice. Applicants should bring the visa paperwork, admission notice, JW 202 form and a valid passport to the local Chinese embassy or consulate to apply for a short term student visa (usually the visa type "X2"). Students from visa-waiver-country shall also hold valid student visa (X2 type visa) for entry. Those who are already in China need to submit a copy of the visa page, residence registration notice, and all of the above application documents to the PCB in Shanghai after registering at SJTU.

The JW 202 form and the admission notice will be sent to the applicant via an international courier within two weeks after April 30, 2020.

* If you are a local student from Hong Kong, Macao and Taiwan, you do not need the JW202 form.

→ **Insurance**

Students who plan to attend this program should obtain insurance prior to studying in China. Each student needs to present the insurance certificate to the administrative staff on the day of registration.

→ **Transcript**

Official transcripts will be sent out in September to the mailing address you indicated in your application.

Students who wish to transfer credits need to obtain pre-approval from the relevant authorities at your home universities.

→ **Certificate**

An official certificate will be issued to the student who completes the course by the University.

→ **Contact**

Email: isc.mobility@sjtu.edu.cn

Website: <http://summerprogram.sjtu.edu.cn/>

2020
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CONTENT >

SESSION A

S0210

Precision Agriculture and Future

Duration:
2020.7.9-2020.7.24
(2 weeks)

Campus:
Minhang

Course Description »

This course aims to introduce precision agriculture research and application in China to participants and further to the world, including the development, current status, and the future of Chinese and Shanghai's precision agriculture. The goal is to show an overview of the development and discuss the potentials in the future.

Highlights »

- > This course take different forms such as lectures and field trips, to give an overview of the development and application of precision agriculture in Shanghai, China.
- > The lectures are elaborated by agricultural science experts who have rich overseas education, working or teaching experiences, providing a professional course design.
- > Culture elements are woven into the lectures and field trips, in order to help the participants to comprehend the background information and development condition of China, Chinese agriculture, and precision agriculture development here.
- > By the end of this 2-week study experience, students should have basic knowledge and understanding of the rich history, flourishing present, and bright future of precision agriculture in Shanghai, China.

Instructors »

Prof. Chunlei SHI
Email: clshi@sjtu.edu.cn

Professor Chunlei SHI has presided over fifteen research projects, including a NSFC Fund, a NSFC Young Fund, a NSFC-Guangdong Joint Fund, a Project in the National Key R&D Program of China, a Project in the National Sci & Tech Pillar Program and several projects from Science and Technology Commission of Shanghai Municipality. She has published 72 papers (43 papers were SCI indexed), and participated in compiling 5 books. She has also taken part in applying for 25 patents and 15 patents have been issued.

Assoc. Prof. Hongbo GAO
Email: hongbo.gao@sjtu.edu.cn

Dr. Hongbo GAO is a Tenure Track Associate Professor in the School of Agriculture and Biology, Shanghai Jiao Tong University. He received PhD in Science of Plant Physiology and Ecology, SIBS, CAS, and did postdoc work at John Innes Centre. His study interests include epigenetic regulation of plant development.

Assoc. Prof. Ruohe YIN
Email: ruohe.yin@sjtu.edu.cn

Dr. Ruohe Yin is an Associate Professor in the Department of Plant Science, School of Agriculture and Biology, SJTU. He is awarded with National 1000 Young Talents Program, and Shanghai Pujiang Talent Plan. As an independent group leader, the group uses Tomato and Arabidopsis thaliana as model plants in the lab, applying various approaches to unravel UV-B light signal transduction pathways extending from the photoreceptor to signaling cascades and target genes and proteins that are important for metabolic homeostasis, plant shape and architecture determination.

Assoc. Prof. Shunshan JIAO
Email: sjiao@sjtu.edu.cn

Dr. Shunshan JIAO is an Associate Professor in the Department of Food Science and Engineering, School of Agriculture and Biology, SJTU. He received a PhD at Washington State University. His research interests include: Radio frequency disinfestation/pasteurization of low moisture foods, Hot air-assisted radio frequency

roasting of nuts, and Novel drying technologies for postharvest fruits and vegetables.

Assoc. Prof. Shan YIN
Email: yinshan@sjtu.edu.cn

Dr. Shan YIN is an Associate Professor in the Department of Resource and Environment, School of Agriculture and Biology, SJTU. He also serves as Vice director of the Shanghai Urban Forest Ecosystem Research Station (SUFERS), owns fellowship in Ecological Society of Shanghai, and fellowship in Soil and Nutrition Society of Shanghai. His research interests are: ecosystem services and long-term monitoring in the urban area, and biogeochemical cycling and ecological models.

Assoc. Prof. Jingjin ZHANG
Email: jj.zhang@sjtu.edu.cn

Dr. Jingjin Zhang is an Associate Professor in the Department of Plant Science, School of Agriculture and Biology, SJTU. She received her PhD at Washington State University. Her research interests include Facility environment and it's regulation and biological response of horticultural crops and rapid detection technology of crop information.

Assoc. Prof. Nan HUI
Email: nan.hui@sjtu.edu.cn

Dr. Nan Hui is an Assoc. Professor in the Department of Resource and Environment, School of Agriculture and Biology, SJTU. He received PhD in the University of Helsinki. His research interests include urban agriculture and ecology, environment and health, solid waste treatment etc.

Assistant Researcher Wei LU
Email: wei.lu@sjtu.edu.cn

Dr. Wei LU is an Assistant Researcher in the Department of Food Science and Engineering, Shanghai Jiao Tong University. He received a PhD at University College Cork. His research interests include biomacromolecule and structure and function of food colloid.

Assistant Researcher Yu GAO
Email: yugao@sjtu.edu.cn

Dr. Yu GAO is an Assistant Researcher in Center for Viticulture and Ecology, SJTU. He received a PhD at Stellenbosch University, South Africa.

Assessment

Attendance: 30%
Participation in discussion: 20%
Group presentation: 40% (15 minutes each group)
Final program summary: 10% (more than 500 words)

Contact

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(liujiaoyue@sjtu.edu.cn)
Program Coordinator: Ms. Dan WANG
(danwang17@sjtu.edu.cn)