



上海交通大學
SHANGHAI JIAO TONG UNIVERSITY



2025 SJTU GLOBAL SUMMER SCHOOL



Contact :

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

Email: isc.mobility@sjtu.edu.cn

S023

Food Science and Global Health

Duration:
2025.6.30 - 2025.7.13
(2 weeks)

Campus:
Minhang

Tuition Fee:
Free

Course Description »

This course aims to explore how food science impacts human health on a global scale. This includes the nutritional components of food, food safety, disease prevention and treatment, and the complex relationship between food and health. Participants will examine the bioactive components in food, the impact of food processing on nutrition, and how food science innovations can promote health and prevent diseases. Additionally, we will focus on the relationship between food habits and health in different regions of the world, and how food science can be used to improve global health.

Highlight »

- > Two tours of SJTU Wine center & Grapes Planting Base and Chenshan Botanical Garden.
- > Tours of Pujiang Green Valley Base, Shanghai Yangtze River Delta Eco-Environmental Change and Management Observation and Research Station, and Lankuaikei Technology Enterprise.
- > Gathering experts and scholars from around the world to share experiences and challenges in the field of food science and health from different countries and regions.
- > By the end of this 2-week study experience, students should have basic knowledge and understanding of relationship between food science and global health, and enhance their practical skills and research capabilities in the field of food science.

Instructors »

Professor Lianzhong Ai

Prof. Lianzhong AI is a Distinguished Professor and the Dean of the School of Agriculture and Biology, SAB. His main research areas include the selection and utilization of excellent food microorganisms, research and development of dairy products, and the structure and function of bioactive polysaccharides. He has been successively selected for the National Science Fund for Distinguished Young Scholars, the National Ten Thousand Talents Program for Leading Scientific and Technological Innovators, the National Outstanding Young and Middle-aged Experts, the National Millions of Talents Project, the State Council's Special Government Allowance Experts, the Young and Middle-aged Innovative Leading Talents, the Shanghai Leading Talents, and the Shanghai Shuguang Scholars. He is also a member of the New Century Excellent Talents by the Ministry of Education. Serving as the director of the Shanghai Engineering Technology Research Center for Food Microbiology, an executive director of the Chinese Institute of Food Science and Technology, the director of the Science Popularization Committee of the Chinese Institute of Food Science and Technology, and the vice chairman of the Probiotics Branch of the Chinese Institute of Food Science and Technology.

Professor Zuobing Xiao

Prof. Zuobing XIAO is a Distinguished Professor of the Department of Food Science and Engineering at SAB, SJTU. His research directions include food flavor and nutritional health, food flavor science and technology, analysis and identification of natural fragrances, and aroma synergy and release control. He is a recipient of the National Science and Technology Progress Award, the Chief Scientist of the "Nano Science and Technology" Key Research and Development Plan, an expert receiving special government allowance from the State Council, a national-level candidate for the "National Youth Talents Project," and a reviewer for the National Natural Science Foundation. He has

been honored as an Outstanding Teacher in China, a Leading Talent in Shanghai, an Excellent Shanghai Shuguang Scholar, a recipient of the Shanghai "May 1st" Labor Medal, and a Shanghai Labor Model.

Professor Xinlin Wei

Prof. Xinlin WEI is a Research Fellow of the Department of Food Science and Engineering at SAB, SJTU. His research focuses on food processing and quality safety, which mainly includes tea quality safety and health, rapid detection of food safety, and the deep processing of agricultural products and functional foods. He has long been engaged in research and development related to tea and food safety and health, leading over 20 national key research programs, including projects from the 13th Five-Year Plan and the National 863 Program, as well as major key projects in Shanghai. As the first author and corresponding author, he has published over 40 SCI papers in journals such as the Journal of Agricultural and Food Chemistry, authored 6 books, and established 6 national food safety standards.

Professor Chunlei Shi

Prof. Chunlei SHI is a professor of the Department of Food Science and Engineering at SAB, SJTU. Her research interests include Detection and subtyping of foodborne pathogenic bacteria; Prevalence, persistence and stress survival of foodborne pathogenic bacteria on food chain from farm to table. She 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 25 patents and 15 patents have been issued.

Professor Zhongquan Sui

Prof. Zhongquan SUI is a professor of the Department of Food Science and Engineering at SAB,

SJTU. Her research interests include Starch modification; Structure-functional property of polysaccharides. She hosted and participated in over 13 research projects, including an NSFC Fund, an NSFC Young Fund, the National Key R&D Program of China, and several projects from the Science and Technology Commission of Shanghai Municipality. She has published 46 SCI papers (28 papers with IF>5.0, 3 highly cited papers, and 2 SCI papers invited by the special issue). The highest impact factor of a single paper is 11.077, and the cumulative impact factor is 221.861. She edited one English book published by Springer, participated in the editing of two English books, and had 7 authorized invention patents.

Associate Professor Yiping Cao

Dr. Yiping CAO is a Tenure Track Associate Professor of the Department of Food Science and Engineering, head of Lab of protein structure and functionalities at SAB, SJTU. His research focuses on Molecular design of protein hydrogels, oleogels, aerogels for food replacements; Bioactivity and biological fate of protein assemblies. Yiping Cao received his PhD from ETH Zurich in 2020, where he worked on the gelling and reversible properties of protein nanofibrils. He then spent two years as Postdoc Fellow and Associate at MIT, focusing on the design of high-performance protein-based thermosets and plastics. In 2022 he was appointed as an Associate Professor at SJTU to start a group on protein structure and functionalities. He is a recipient of the SNSF Mobility Fellow in 2020, the ETH Medal in 2021, and the NSFC Excellent Young Scientist in 2021.

Associate Professor Lingjun Zheng

Dr. Lingjun ZHENG is a Tenure Track Associate Professor of the Department of Food Science and Engineering at SAB, SJTU. Her research focuses on Nutritional interventions for the prevention of neurodegenerative disorders; How host-microbial interactions shape the nutrient environment of the intestine. Lingjun ZHENG received her PhD from MCD Biology-University of Colorado Boulder in 2018. She then spent two years as Postdoc Fellow and Associate

at the same school. In 2022 he was appointed as an Associate Professor at SJTU.

Associate Professor Shengli Zhang

Dr. Shengli ZHANG is a Tenure Track Associate Professor of the Department of Food Science and Engineering at SAB, SJTU. His research focuses on Protein Chemistry, Nutrition and Food Safety, Protein Design and Application, Nanopore-Directed Design and Functional Applications. He has published multiple papers as the first or co-first author in journals such as Nature Chemistry, Nature Nanotechnology, Angewandte Chemie International Edition, ACS Nano, and Small, and has obtained a PCT international invention patent that has been commercially transformed in the UK and the Netherlands. He has been honored with titles such as Shanghai Municipality's High-Level Overseas Talent and Oriental Elite. Currently, he is leading funds including the National Natural Science Foundation of China's general project, the Oriental Elite Fund project, and research topics from the National Dairy Industry Technology Innovation Center.

Assessment

Attendance: 25%

Participation in question discussion: 25%

Summary and report: 50%

Contact

Program Coordinator: Ms. Yuxuan Hao
(haoyuxuan@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 2025 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 Aerospace Engineering, Environmental, Social, and Governance (ESG) Solutions for Resource and Climate Management, Food Science and Global Health, and Chinese Law, with each course accompanied by Chinese language courses.

In addition to academic lectures, international students can participate in local excursions, cultural activities, and field trips. Through these extracurricular activities, students will gain a deeper understanding of Chinese culture, history, politics, and the latest developments in the country. This is a chance to experience Chinese culture firsthand and make friends from China and all around the world.

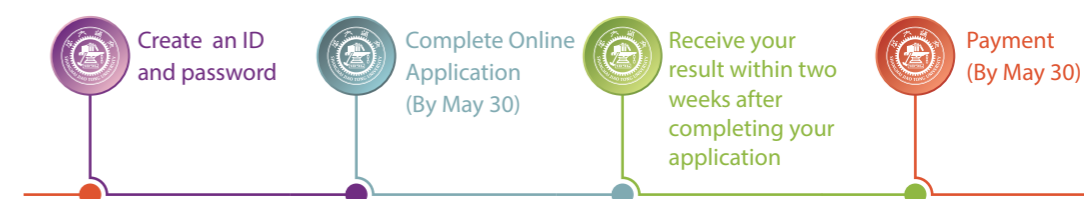
Join us this summer and discover how SJTU can help you realize your potential!



→ Eligibility

- A. Students from overseas, Hong Kong, Taiwan, and Macao must be enrolled as an undergraduate or graduate student before applying for this program.
- B. Students from non-English-speaking countries should provide an English language proficiency certification: IELTS (minimum score of 6.0), TOEFL (minimum score of 79), or TOEIC (minimum score of 800). If you are studying in an all-English-taught program, you must provide relevant certifications.
- 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.
 - An ID photo (Similar to a passport photo)
 - Curriculum vitae (CV)
 - Motivation letter
 - Language proficiency certificate (If applicable)
- B. Applicants can only enroll in one course in the program.

→ Course Schedule

- A. Lectures will be held in the morning, and field trips or company visits will be arranged in the afternoons from Monday to Thursday. The Chinese language and culture courses will be conducted every Tuesday and Thursday afternoon. There are no classes on Fridays. Cultural trips will be arranged on weekends.
- B. If the number of participants is less than 15 students, the course will be cancelled. If this is the case, students will be notified via the website by the 30th of May, 2025. Students have two course selections when filling out 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 for each course.

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

- > Welcome reception
- > Cultural events
- > Field trips
- > Unique cultural experiences
- > Integration with local students

■ Credit
2 Credits

└ Important Dates

Duration	2025.6.30-2025.7.13
Application period	2025.1.1-2025.5.30
Application deadline	2025.5.30
Registration & dormitory check-in	2025.6.30 8:30am-5:00pm
Welcome reception	2025.7.1
Courses begin	2025.7.2
Courses end	2025.7.11
Dormitory check-out	2025.7.13 8:30am-5:00pm

└ Fees

Application fee	CNY400(USD60)
Tuition fee and accommodation fee	Free for S023 program
Payment deadline	2025.5.30

The culture trip and accommodation fee are not included in the tuition fee.

└ Refund Policy

**The application fee is non-refundable.

Withdrawal is defined as dropping of an entire academic program. All cancellation requests must be sent to isc.mobility@sjtu.edu.cn.

Cancellation Date	Remarks
By May 30,2025	Full refund
By July 1,2025	50% refund
After July 1,2025	No refund

→ Announcement

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

→ Accommodation

The 2025 Global Summer School will be held at Minhang and Xuhui campus. Students can choose on-campus or off-campus accommodation based on the location of the classes.

For on-campus accommodation, room reservations should be made online at dorm.sjtu.edu.cn in June and the accommodation fee paid online. All students living in on-campus accommodation should obey SJTU's accommodation rules and regulations. Due to limited on-campus accommodation, students can also choose off-campus accommodation.

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

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

→ **Visa**

SJTU will provide students with electronic DQ form and admission notice. Applicants should bring the visa paperwork, admission notice, DQ form, and a valid passport to the local Chinese embassy or consulate to apply for a short-term student visa (usually visa type "X2"). Students from visa-waiver-countries shall also hold a 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 DQ form and the admission notice will be sent to the applicant via an email within two weeks after May 30, 2025.

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

→ **Insurance**

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

→ **Transcript**

Official transcripts will be sent out in September to the email 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/>

Program Coordinator: Ms. Yuxuan Hao (haoyuxuan@sjtu.edu.cn)

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