

2023 SJTU

Graduate International Summer School





Shanghai Jiao Tong University (SJTU)

Shanghai Jiao Tong University (SJTU), one of the oldest institutions of higher learning in China, enjoys world reputation as well. As a comprehensive, research-oriented, and international top university, SJTU offers a wide range of degree and non-degree programs to students all over the world, and is looking forward to your joining.

Official Website: <http://en.sjtu.edu.cn>

> SJTU Graduate School

SJTU began to offer post-graduate education in 1931, and established the Graduate School in 1984. Since then, more than 110,000 Master's or Doctoral Degrees have been awarded. SJTU has set up a complete post-graduate education and degree-awarding system, offering degree programs at both the master's & doctoral levels in a great number of academic areas encompassing engineering, sciences, humanities and social sciences. Currently, there are 33,249 postgraduates (14,589 full-time master students and 9,903 full-time doctoral students). The university also boasts a team of top-tier faculty, including 52 academicians of Chinese Academy of Sciences or Chinese Academy of Engineering.

For more information, please visit: <http://en.gs.sjtu.edu.cn>

> A Glance of SJTU



Graduate International Summer School >

Shanghai Jiao Tong University launched the Graduate International Summer School in 2013, which covers a wide range of specialties instructed by faculties from SJTU as well as other world leading institutions. The summer school is an ideal opportunity for students from different parts of the world to explore new subject areas, get immersed in state-of-the-art laboratories and make new friends. Students can take courses from various specialties, while attending workshops, field trips and study tours.

2023 SJTU Graduate International Summer School (ISS) consists of 11 individual programs as follows:

Programs

1. 2023 Sustainable Development International Graduate Summer School / P04
2. The 8th SEEED PhD Summer School Role of Fossil Fuels in Energy Transitions / P06
3. The 8th "Zhi-Hong" International Summer School on Advanced Materials (ISS-AM) — Future Materials / P08
4. Summer Program I Antai Global Summer Program, an exclusive way to understand China and communicate with the world! / P10
5. 2023 SJTU Global Summer School —Agriculture and Green Sustainable Development / P12
6. "Ocean Dreams" — 2023 International Summer School on Naval Architecture, Ocean Engineering and Mechanics / P14
7. 2023 SJTU Brain Facts International Summer School / P16
8. International Graduate Summer School China-UK Low Carbon College (LCC) / P18
9. 2023 International Graduate Summer School: Urban Ecological and Environmental Exposures and Their Health Effects / P20
10. International Summer School at Shanghai Jiao Tong University Blue Carbon and Sustainable Ocean / P22
11. 5th International Summer School of Medical Robotics - School of Biomedical Engineering / P24

Time

The Graduate International Summer School of 2023 will be held from June to August. The specific time arrangement varies with the program. Please refer to the description of each program for detailed information.

How to Apply

The 2023 SJTU Graduate International Summer School will be held both online and offline. For details, please refer to each program. Applicants are suggested to check the program website or contact the program manager in advance to know specific application requirements and procedures. Usually, applications of international students should be made through:

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

The following materials might be required:

- > A scanned copy of the information page of your passport. The passport must be valid for at least 6 months for the visa application
- > ID photo (similar to a passport photo)
- > Personal resume
- > Language proficiency certificate (if available)
- > Motivation letter (if available)
- > Transcripts (if available)

For domestic students or for programs with additional requirements (e.g. to apply through emails or another online application system), please follow the requirements of the specific program.

Financial Support

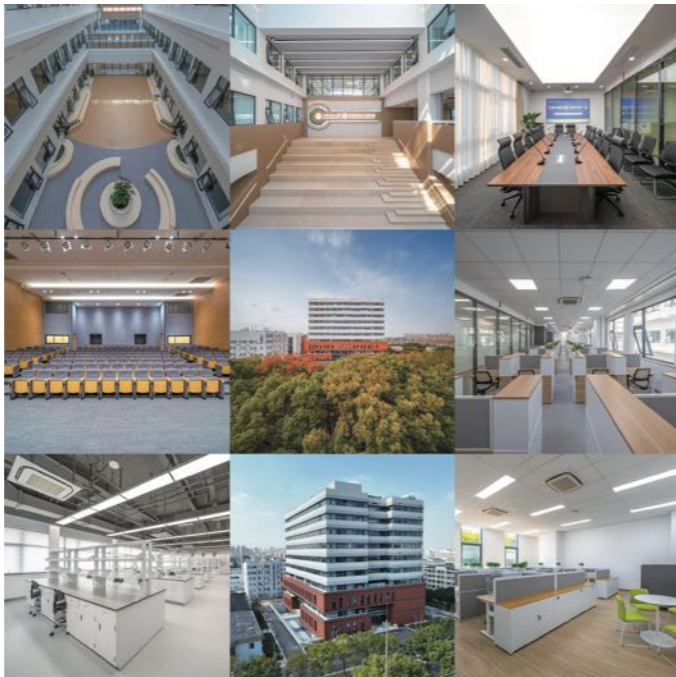
Some programs provide financial support to successful applicants by ways of tuition waiver, or free local lodging, or both. Please refer to description of each program or contact the program manager for detailed information.

2023 Sustainable Development International Graduate Summer School

Organizer: School of Environmental Science and Engineering of Shanghai Jiao Tong University
Time: July 10-16, 2023
Venue: New Environmental Building
Theme(s): Sustainable Development

> Program Overview

School of Environmental Science and Engineering of Shanghai Jiao Tong University will organize the 2023 Sustainable Development International Graduate Summer School. This summer school will introduce students to global perspectives on sustainable development covering climate change, environmental pollution, waste management, sustainable diet, and policy discussion, among other topics, in an effort to broaden their horizons, strengthen mutual exchanges, promote diverse cooperation, and encourage innovative research.



> Highlights

1. Open-mindedness of the program. The objective is to enhance students' academic level and innovation ability, broaden their international horizons and experience, and cultivate outstanding academic talent to meet sustainability challenges in the context of globalization.
2. Internationalization of faculty. All lecturers are renowned experts and scholars in their respective disciplines of study.
3. Diversified recruitment of students. There are no major restrictions.
4. Diversified pedagogical approaches. It combines, among other formats, module courses, field experiences, group discussions, and group presentations.

> About Faculty

Prof. Anthony S.F.Chiu	De La Salle University
Assoc. Prof. Matthew Archer	University of York
Prof. Yong Geng	Shanghai Jiao Tong University
Assoc. Prof. Huijuan Dong	Shanghai Jiao Tong University
Assoc. Prof. Wendong Wei	Shanghai Jiao Tong University
Assoc. Prof. Xu Tian	Shanghai Jiao Tong University
Assoc. Prof. Yuquan Zhang	Shanghai Jiao Tong University
Assoc. Prof. Jingyu Liu	Shanghai Jiao Tong University
Assoc. Prof. Yue Zhao	Shanghai Jiao Tong University
Assist. Prof. Meng Li	Shanghai Jiao Tong University



> Activities

Date	Activity	Venue
July 10	Opening Ceremony & Ice Breaking	New Environmental Building and other locations (depending on the circumstances)
July 11 to 15	Module Courses, Cultural Exchanges, Field Research & Plenary Talk .etc.	
July 16	Closing Ceremony	

Contacts

Xingyao Ding (Email: ding.xinyao@sjtu.edu.cn)
Jingyu Liu (Email: liu.jingyu@sjtu.edu.cn)
Tianyi Ge (Email: gety19@sjtu.edu.cn)

Website

Chinese version: <https://sese.sjtu.edu.cn/>;
English version: <https://sese.sjtu.edu.cn/en>

> Eligibility

The summer school is open to junior and senior undergraduate and graduate students all over the world, no major restrictions.

> Application (Procedure, deadline)

- For International students: please complete and submit an online application at Study@SJTU (<http://apply.sjtu.edu.cn>)
- For Chinese students: please send application materials to gety19@sjtu.edu.cn (Copy of ID card, Personal ID photo, Resume, English proficiency certificate, Application letter, Transcript, Other supporting materials)
- Application deadline is June 10th, 2023.

> Fees

The summer school shall provide meals and accommodation upon arrival in Shanghai, while the expenses for transportation shall be borne by oneself.

The 8th SEEEP PhD Summer School

Role of Fossil Fuels in Energy Transitions

Organizer: School of Mechanical Engineering
School of Electronic Information and Electrical Engineering
Time: 2023.8.14-21 Shanghai Jiao Tong University
2023.8.22-26 Zhejiang University

The CLUSTER Doctoral Schools are organized within the Sino-EU Engineering Education Platform and SESE Doctoral Schools for Sustainability Engineering. The High Level Summer School on Energy bring professors & PhD candidates from the highest level together to come up with solutions to the grand societal challenges, such as resilient production and storage, renewable energy technology, sustainability, energy demand flexibility and energy grids and conversion.

> Characteristics

The yearly 2-week Energy PhD school organized by ZJU Hangzhou China, SJTU Shanghai China, KTH Stockholm Sweden and TU/e Eindhoven Netherlands will have the theme "Role of Fossil Fuels in Energy transitions". The PhD school aims at developing multi-disciplinary skills of PhD students related to system engineering, design thinking, team working, presentation skills, and peer learning.

> Organizing Partners

The organizing partners will invite 17 participating professors, including 7 professors from foreign universities. The Summer PhD school is planned to run for two weeks, one week in Shanghai and one in Hangzhou.

> Cost and Scholarship

Accommodations and meals are provided by SJTU and ZJU. Travel fees are provided by each school conventionally. Other fees are pay by themselves.

> Activities and Schedule

The summer school is organized by the combination of lecture, seminar, workshop, field trip and study tour. The format of the school would be starting lectures by well-known scientist from our community. During the first week the PhD candidates work in groups on concepts/challenges to a specified assignment. At the end of the week the concept will be presented to design critics. The concepts will be studied on feasibility the 2nd week, leading to the final presentation.

> Participants

60 PhD's from different Chinese and European Universities. The school will be part of the cooperation of the European network of technical universities, CLUSTER and the Chinese Network, called the Sino European Engineering Education Platform. The school will be advertised through our networks. The organizing universities have 10 seats each for PhD students. Other Universities of the networks, both European and Chinese, are cordially invited to send in professors and students.

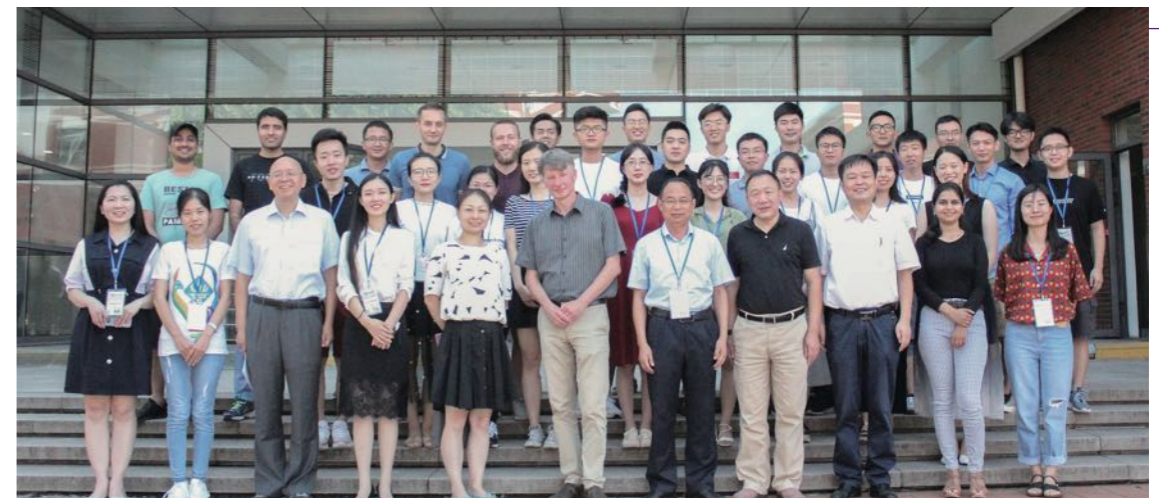
The PhD-candidates will be assessed on skills to independently penetrate a complex challenge in a team and provide a solution.

Additional assessed skills:

teamwork in transdisciplinary context
teamwork in multicultural context
presentation skills

> Application

- (1) For International students: apply online
<http://apply.sjtu.edu.cn>
- (2) For Chinese students: submit application materials by email at liulei121020910116@sjtu.edu.cn
Application Deadline: June 30, 2023



Website

<https://me.sjtu.edu.cn/notice/74465.html>

Contact & more information

YanJun Dai	Lei Liu
SJTU	SJTU
+86-21-34204358	+86-13125067706
yjdai@sjtu.edu.cn	liulei121020910116@sjtu.edu.cn

The 8th “Zhi-Hong” International Summer School on Advanced Materials (ISS-AM)

— Future Materials

Organizer: School of Materials Science and Engineering

Time: July 2-14, 2023

Venue: Minhang Campus of SJTU

Theme: Future Materials

> Program Overview

The “Zhi-Hong” International Summer School of Advanced Materials (ISS-AM) is organized by School of Materials Science and Engineering (SMSE) at Shanghai Jiao Tong University (SJTU), aiming at promoting the interactive cultural and academic exchange between top-level scholars and students from all over the world. The ISS-AM is named as “Zhi-Hong” not only to commemorate the school founder Professor Zhihong Zhou, but also to inspire the summer school participants since “Zhi-Hong” in Chinese means “being ambitious”. “Zhi-Hong” ISS-AM is a two-week program with one

theme every year. “Future Materials” will be the theme of the program in 2023.

In the last 7 years, the 1st to 7th “Zhi-Hong” ISS-AM were organized successfully. 157 foreign students from more than ten countries and 190 outstanding Chinese students have been selected to attend the past six events. Many renowned experts and scholars from our university and foreign institutes, e.g. Harvard University, Northwestern University, Ohio State University, University of Cambridge, KTH Royal Institute of Technology, Osaka University, and Monash University, have been invited to give academic lectures.



> Highlights

The “Zhi-Hong” ISS-AM will offer lectures and professional practice in all areas of Future Materials and organize student seminars, visits to research laboratories, cultural festival, field trips and culture tours in Shanghai. The “Zhi-Hong” ISS-AM is also a platform provided for graduate and senior undergraduate students from all over the world to exchange ideas and to build friendships. A “Zhi-Hong” ISS-AM Certificate of Accomplishment will be issued to the participants upon completion of the program.

> Eligibility

Graduate and senior undergraduate students who are majored in Materials Science and Engineering (MSE), or any other majors related to MSE, such as mechanical engineering, physics, and chemical engineering. A total of 50 oversea and domestic participants will be recruited.

> Activities

- 1) Academic lectures
- 2) Poster shows
- 3) Colorful trips
- 4) Student seminars
- 5) Cultural festival
- 6) Special programs

> Program Agenda (Tentative)

Day	Time	Event
1	2-Jul, Sun	Registration
2	3-Jul, Mon	Opening Ceremony, Ice-break, Campus Tour
3	4-Jul, Tue	Lectures, Special Program
4	5-Jul, Wed	Lectures, Tour of SMSE
5	6-Jul, Thu	Lectures, Social Party
6	7-Jul, Fri	Group Discussions, Field trip
7	8-Jul, Sat	Culture Activities
8	9-Jul, Sun	Free Time
9	10-Jul, Mon	Lectures, Field trip
10	11-Jul, Tue	Lectures, Special Program
11	12-Jul, Wed	Lectures, Cultural Festival
12	13-Jul, Thu	Lectures, Group Discussions
13	14-Jul, Fri	Group Presentation, Awards & Closing Ceremony

> About Faculty

The lecturers will be from:
USA: Northwestern University, Stony Brook University
EU: KTH Royal Institute of Technology(Sweden)
UK: University of Cambridge
China: Shanghai Jiao Tong University
For most updated list of confirmed lectures, please visit the website of “Zhi-Hong” ISS-AM:
https://smse-iss.sjtu.edu.cn/?page_id=2

> Fees & Scholarships

Tuition: 3000 RMB
Type A: “Zhi-Hong Future” Scholarships
Amount: 8000 RMB/person
Number: 5
Each “Zhi-Hong Future” scholarship covers the tuition fee (3000 RMB) and part of the international travel costs up to 5000 RMB/person.
Type B: “Zhi-Hong Excellence” Scholarship
Amount: 3000 RMB/person
Number: more than 80% of the enrolled participants
Each “Zhi-Hong Excellence” scholarship covers the tuition fee (3000 RMB).

> Application

(1) **For International students:** apply online
<http://apply.sjtu.edu.cn>
(2) **For Chinese students:** submit application materials by email at (zh_iss@sjtu.edu.cn)
Application Deadline: May 20, 2023



Website
<https://smse-iss.sjtu.edu.cn/>

Contacts
Coordinator: Renlei ZHANG
Email: zh_iss@sjtu.edu.cn
Tel: +86-21-54747664
Address: Room 4003, Xuzuyao Building, School of Materials Science and Engineering, Shanghai Jiao Tong University, 800 Dongchuan Road, 200240, Shanghai

Summer Program I Antai Global Summer Program, an exclusive way to understand China and communicate with the world!




10

Years

30+

Nationalities

400+

Participants



安泰全球暑期项目

Antai Global Summer Program

中外籍报名通道均已开放

<https://summerschool.sjtu.edu.cn/>



2023.07

上海

+86-21-6293 3262

AGSP@sjtu.edu.cn

UNDERSTANDING CHINA

COMMUNICATING WITH THE WORLD

1 Certificate, 3 Credits, 3 weeks' all-in-one business core, exclusive corporate visits and Chinese language & culture activities. Enjoy the academic excellence from a FT MIM Ranking 18th's business school faculty. Rest assure that you are coming to China to make global connections. Join AGSP this July and explore and expand your China opporutnities.













> ABOUT AGSP

Antai Global Summer Program (AGSP) was initiated by Antai College of Economics and Management, Shanghai Jiao Tong University in 2013. Taught in English, this 3-week-long, credit-conferring program integrates frontier knowledge of Antai Faculty and insights from corporate executives to offer a comprehensive view of Chinese business and

culture in a globally engaging way. So far, AGSP has welcomed more than 400 participants from over 30 countries and regions from top universities or business schools around the world, such as University of Cambridge, Harvard University, Northwestern University, University of British Columbia, University of Sydney, Technical University of Munich and so on.

> HIGHLIGHTS

1	CERTIFICATE	10	SUCCESSFUL YEARS
2	CORES (Economics & Management + Chinese Language & Culture)	30+	NATIONALITIES
3	WEEKS	400	PARTICIPANTS

> WHO TO APPLY

Both Chinese & Overseas Students are welcome
 -Undergraduate and graduate students from around the world
 -Recent college graduates or professionals who are interested in learning business dynamics in China and Chinese culture
 -Participants must be adults aged at or above 18
 *scholarships available depending on application evaluation

> PROGRAM STRUCTURE & COURSE UNITS

1.Economics & Management Core
 Fintech – Case Study
 Marketing Strategies & The Chinese Consumers
 Environmental Economics
 China's Economy – Challenges & Opportunities
 First Time in History – China
 Corporate Seminar & Company Visits

2.Chinese Language & Culture
 Family Concept, Directions & Fenshui Culture, Food
 Philosophy & Taoism, Calligraphy, Pottery, Zen, Sightseeing

> LEADING FACULTY & EXECUTIVES

1.YIN Haitao
 Senior Associate Dean & Professor
 Ph.D, The Wharton School, University of Pennsylvania
 Department: Economics

2.CAI Fengyan
 Professor
 Ph. D, Chinese University of Hong Kong
 Department: Marketing

3.LI Nan
 Associate Professor
 Ph. D, Chicago University
 Department: Finance

4.John Van Fleet

> Enrolment

AGSP Website:
<https://summerschool.sjtu.edu.cn/>
Apply Now:
<https://summerschool.sjtu.edu.cn/Data/List/Application>
Application Deadline:
 May 31, 2023

CONTACT US

Ms. Yaya TAO
 E-mail : AGSP@sjtu.edu.cn,
 Tel : +86 21 6293 3262 (Ms. Yaya TAO)

Request a course syllabus, schedule, or program flyer? Want to know more about program scholarship?
 Please scan the QR Code or sign up here:
<https://antai-global-summer-program.mikecrm.com/X6JjqJD>.

2023 SJTU Global Summer School - Agriculture and Green Sustainable Development

Organizer: School of Agriculture and Biology, Shanghai Jiao Tong University
Time: 06/26/2023(Mon.)-07/09/2023(Sun.)
Venue: School of Agriculture and Biology, Shanghai Jiao Tong University

TIME						6.24	6.25
AM						Registration	
PM							
TIME	6.26	6.27	6.28	6.29	6.30	7.1	7.2
AM	Opening Ceremony Short Tour	Green Agriculture (class)	Ecological Protection (class)	Fun class for Chinese culture	China Art Museum (Field Trip)	Free Activity	
PM	Green Agriculture (class)	Green Agriculture (class)	Ecological Protection (class)	Fun class for Chinese culture	Shanghai Museum (Field Trip)		
TIME	7.3	7.4	7.5	7.5	7.7	7.8	7.9
AM	Food Science and Safety (class)	Food Science and Safety (class)	One Health (class)	Fun class for Chinese culture	Chenshan Botanical Garden, Guangfulin Ruins Park (Field Trip)	Return	
PM	Food Science and Safety (class)	One Health (class)	Fun class for Chinese culture	Final Presentation (Teamwork)			

> Program Overview

Students will have the opportunity to attend the wonderful professional courses and training activities related to "green agriculture", "ecological protection", "food science and safety" and "one health". Students

will learn professional knowledge to enhance the understanding of agriculture in China, apply such knowledge in practice, and experience the unique culture of Shanghai and China. Through this program, students will develop a strong sense of globalization, social responsibility and leadership.



> Highlights

To illustrate new technologies and achievements in green agriculture in China and Shanghai. Containing various educational activities such as multiple lectures, Chinese culture classes, field trips and study tours.

> Fee

Tuition: free
 Lodging fee: The program will provide accommodation for selected students from June 24 to July 7 (one room for two students). Students who have dormitories in Shanghai Jiao Tong University will not be accommodated.
 International travel expense and all the other fee: on one's own

> Eligibility

Undergraduates and postgraduates from agriculture related majors.

> Application

Online application : <http://apply.sjtu.edu.cn>
 Application Deadline:06/09/2023(Fri.)



Website
<https://www.agri.sjtu.edu.cn/En/Data/View/6979>

Contacts
 Lisa WANG, lisawang@sjtu.edu.cn
 Yuxuan HAO, haoyuxuan@sjtu.edu.cn
 +86-34205933

"Ocean Dreams"

2023 International Summer School on Naval Architecture, Ocean Engineering and Mechanics

Organizer: School of Naval Architecture, Ocean & Civil Engineering

Time: From July 23rd to August 5th, 2023

Venue: Minhang Campus, SJTU; State Key Laboratory of Ocean Engineering

Application Deadline: June 20, 2023

> Introduction of Organizer

The School of Naval Architecture, Ocean and Civil Engineering (NAOCE) at Shanghai Jiao Tong University comprises of four distinguished departments: Naval Architecture and Ocean Engineering, Engineering Mechanics, Civil Engineering and Transportation Engineering. At present, the NAOCE provides a diverse range of academic programs including 5 Bachelor's degree programs, 5 Master's degree programs and 4 PhD programs. Additionally, it boasts postdoctoral research stations in Naval architecture and Ocean engineering and Mechanics. NAOCE is also home to several laboratories such as the State Key Laboratory of Ocean Engineering.

> Program Overview and Highlights

With the aim of achieving internationalization, promoting interdisciplinary studies, the International Summer School of this year will bring together top-notch teachers from both domestic and overseas

sources to create a platform for graduate and doctoral students to engage in international exchange activities that broaden their horizons. The school also endeavors to kindle students' ardor and ingenuity in learning and communication, foster international amity among educators and learners, thus laying a firm groundwork for the cultivation of interdisciplinary talents with global vision. The 3 major features of the summer school: (1) Internationalization: A multitude of renowned professors from universities around the world will partake in delivering lectures and providing guidance. Diverse students from various countries shall participate in the summer school's educational program. (2) Frontier: Lectures, lessons, and reports encompass the latest research directions and applications. Emphasis is placed on introducing novel concepts, technologies, and methodologies while combining cutting-edge theories with practical insights. (3) Maturity: The NAOCE has successfully hosted numerous international summer schools and student exchange programs, amassing a wealth of experience.



> About Faculty

The International Summer School is planning to extend invitations to 20 distinguished experts and scholars in the fields of Naval Architecture and Ocean Engineering, Mechanics, and Civil Engineering to deliver lectures on the latest advancements, research hotspots, and future directions in related disciplines. With the unwavering support of NAOCE as well as State Key Laboratory of Ocean Engineering of SJTU, this event promises to be a high-quality platform for academic exchange.

> Activities and Agenda

This International Summer School aims to facilitate cross-cultural communication and foster mutual learning among domestic and international students through a diverse range of activities, including lectures, seminars, workshops, corporate training sessions, cultural showcases, as well as poster exhibitions. Please refer to Table 1 for further details. The summer school shall provide meals and accommodation upon arrival in Shanghai, while the expenses for transportation shall be borne by oneself.



> Eligibility

Worldwide senior undergraduate (sophomore or above) and master or doctoral students in Naval Architecture and Ocean Engineering, Mechanics, Civil Engineering and related disciplines are invited to apply.

> Application Procedure & Deadline

How to Apply: Online Application <http://apply.sjtu.edu.cn>. Required Documents: Personal Resume (CV) in English or Chinese.

Deadline: GMT+8, 18:00 on June 20th, 2023.

For further details, kindly refer to the online application portal.



> Appendixes: Table 1 Agenda.

Day	Date	Event
1	July 23 Sun	Registration
2	July 24 Mon	Opening ceremony & Lectures
3	July 25 Tue	Lectures
4	July 26 Wed	Visiting Minhang Campus
5	July 27 Thu	Lectures
6	July 28 Fri	Visiting Xuhui Campus
7	July 29 Sat	Lectures

Day	Date	Event
8	July 30 Sun	Day off
9	July 31 Mon	Lectures
10	Aug 1 Tue	Visiting Shipyard
11	Aug 2 Wed	Lectures
12	Aug 3 Thu	Visiting China Maritime Museum
13	Aug 4 Fri	Student exchange & Closing
14	Aug 5 Sat	The End



Website

<https://naoce.sjtu.edu.cn/bsznyjsjgl/12685.html>

Contacts

Principal: Tian Xinliang, TEL: +86-21-34207954
E-Mail: tianxinliang@sjtu.edu.cn
Contact: Li Pengping, TEL: +86-21-34206200
E-Mail: lipengping@sjtu.edu.cn

2023 SJTU Brain Facts International Summer School

Time: From June 19 to July 7, 2023

Venue: Shanghai Jiao Tong University and places around



> Overview

Complex and amazing brain entitles human being to be the wisest creature on earth. In the 21st century, rapid developments of human civilization and technology, especially biomedicine, not only make us healthier and longevous, but also helps us pay more attention to functions and health of our mind. After more than 10 years of growth, Bio-X Institutes became one of the best centers of researches and practices of mental health under the leadership of Academician Lin He. Ever since 2013 when our Institutes first launched the English course called Brain Facts, we have invited a series of world leading scientists two years in a row to give students lessons. In 2015 and 2016, we successfully held SJTU-KCL Brain Facts International Summer School. This is the first time that professors and researchers of Shanghai Jiao Tong University and King's College London as well as other top universities and institutions worldwide join hands together to participate in an International Summer School. From 2017 to 2022, we continue holding Brain Facts International Summer School, and gain popularity year by year. In 2023, our Institutes will continually hold the SJTU Brain Facts International Summer School. We warmly welcome undergraduates, postgraduates and research fellows who are interested in this field all come and join this grand gathering.

2023 SJTU Brain Facts International Summer School will be taught by the leading scientists worldwide,

some of which are masters in perspective fields. By organizing courses, lectures, seminars, workshop, field trips and study tours, summer school will dig in the mystery of brain and mental health, one of the most attractive issues for the modern humankind. By focusing on the advances of neuroscience and the facts of the brain, the summer school intends to trigger the curiosity of the students on the mystery of brain, train students to investigate, think, discuss and present their own opinions on the important scientific issues. Students or postdoctoral fellows who are interested in doing cutting age experiments in the labs are also welcomed, because Course B will help enhance your practice skills and link theory with practice. Besides, activities and sightseeing will be arranged to facilitate the participants to immerse to English and Chinese culture and life. 2023 SJTU Brain Facts International Summer School provides a valuable opportunity for the students to expand their horizon, comprehensive understanding of mental health and neuroscience. All activities held during this summer school aim at providing a good platform for the participants to get a well-known of the current trends of the subjects and make good communication between students home and abroad, promoting students' knowledge of brain and neuroscience and a deep understanding of the culture of Shanghai. This activity is doomed to boost talent development and internationalization of teaching, thus helping achieve our goal of creative talent cultivation reform.

> Course Contents and Practical Activities

Part A: 2 weeks Part B: 1 week

The courses include lectures, seminars, lab workshop, field trips to research institutions and enterprises. Students can enter interested labs to do experiments under the supervision of Chinese professors in SJTU and submit a lab report. In the end, summer school will issue a certificate to qualified participants.

> Eligibility

Undergraduates, postgraduates, postdoc and research fellows home and abroad

> Intended Faculty

Dr. Guoli Ming, Professor of University of Pennsylvania, USA
 Dr. Hongjun Song, Professor of University of Pennsylvania, USA
 Dr. Sanbing Shen, Professor of National University of Ireland, Ireland
 Dr. Tatsuo Suzuki, Professor of Shinshu University, Japan
 Dr. Katsuhiko Tabuchi, Professor of Shinshu University, Japan
 Dr. Zang Hee Cho, Professor of Seoul National University, Korea
 Dr. Yong-Seok Lee, Professor of Seoul National University, Korea
 Dr. Weidong Li, Professor of Shanghai Jiao Tong University, China

> Fees

Participants shall bear their traffic, board and lodging expenses incurred during this summer school.

> Application

Apply through <http://apply.sjtu.edu.cn>, and the deadline is June 9, 2023.

Schedule for 2023 SJTU Brain Facts International Summer School

Time	Venue	Activities
June 19, 2023	Shanghai Jiao Tong University	SJTU Brain Facts International Summer School Opening Ceremony
June 19-July 2, 2023 Monday-Friday Morning	Shanghai Jiao Tong University	Courses & Lectures
June 19-July 2, 2023 Monday-Friday Afternoon	Institutions Hospitals Enterprise	Field Trips
June 30, 2023 Morning	Shanghai Jiao Tong University	Closing Ceremony for Course Part
June 24-25, 2023 July 1-2, 2023	Shanghai and Cities around	Discovery of Chinese Culture
July 3-7, 2023	Shanghai Jiao Tong University	Lab Workshop
July 7, 2023 Afternoon	Shanghai Jiao Tong University	Closing Ceremony for Lab Part

Website

<http://www.bio-x.cn/>
 (will be updated)

Contacts

TIAN, Xiaozhen xiaozhentian2019@sjtu.edu.cn
 021-34207976

International Graduate Summer School China-UK Low Carbon College (LCC)

Organizer: China-UK Low Carbon College

Time: June 19 – June 23, 2023

Venue: No. 3 Yinlian Road, Pudong District, Shanghai, PRC.

China-UK Low Carbon College, Shanghai Jiao Tong University (Lingang Campus)

Theme: "Green for Life"



> Program Overview

The 2023 International Graduate Summer School — Green for Life will be organized and hosted by China-UK Low Carbon College, Shanghai Jiao Tong University. By focusing on four modules: Frontier

> Highlights

1. Leading Edges: The summer school will integrate resources from the British Government, the University of Edinburgh and Shanghai Jiao Tong University as well as other organizations to carry out an in-depth cooperation.

2. Interdisciplinary: China-UK Low Carbon College has absorbed and transformed the cutting-edge technologies and innovation achievements from the University of Edinburgh in related fields, and merged with the School of Mechanical Engineering as well as School of Environmental Science and Engineering, hoping to broaden academic ideas, stimulate research vitality, and release the innovative kinetic energy and cross-exploration ability.

Lectures (including Laboratory Teaching), Seminars, Enterprise Visit and Study Tour within low carbon area, this Summer School aims at facilitating academic communication, enhancing scientific research abilities, encouraging innovation and motivating achievements.

3. Intelligence: China-UK Low Carbon College is based in Lin-gang Special Area of the Shanghai Pilot FTZ. The "intelligent manufacturing" of Lin-gang is developing steadily and sustainably in terms of promoting the coordinated development of intelligent manufacturing.

4. Low-carbon: The four modules of LCC Summer School are closely linked with the theme of low-carbon development, which fully reflects the characteristics of SJTU, and also vigorously promotes the good tradition of SJTU students as being pragmatic and learning for practice in the meantime.

> About Faculty

赵长顺
讲席教授

何文亮
教授

Raphael J. Heffron
教授

龙晓
特聘副教授

李佳
副教授

徐金会
副教授

任涛
副教授

张振东
副教授

张宇原
副教授

张景新
副教授

张鑫鑫
副教授

陈熙
副教授

吕小静
副教授

雷雷
副教授

魏生宏
副教授

陈益竹
副教授

李京
副教授

姚琳
副教授

汪凯
副教授

魏伟吉
副教授

邓海
副教授

薛洲
助理教授

余海瑞
讲师

柳春德
助理教授

纪亚
助理教授

董抗抗
助理教授

周叶
助理教授

侯磊
助理教授

张航
助理教授

王元星
助理教授

张丛阳
助理教授

自2017年9月起，低碳学院共引进了27名全职教师，长聘正及以上3人，长聘副教授17人，助理教授7人。除以下全职教师，学院另有双聘导师46名。

中英国际低碳学院
China-UK Low Carbon College

荣获人才项目20余项：国家高层次人才计划2项（含青年），上海市领军人才15项，上海市人才发展基金1项，上海市浦江人才4项，上海市启明星计划1项，上海市扬帆人才计划6项。

> Activities

- Frontier Lectures
(including Laboratory Teaching)
- Seminars
- Enterprise Visit
- Study Tour



> Eligibility

The program is open to 3rd and 4th year Undergraduate and all Graduate Students from all over the world.

> Application

Procedure: <http://apply.sjtu.edu.cn>
Deadline: June 12, 2023



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

Contacts
Miss SHI
Tel: 021-80160861
E-mail: shiqing@sjtu.edu.cn

2023 International Graduate Summer School: Urban Ecological and Environmental Exposures and Their Health Effects

Theme: Urban Ecological and Environmental Exposures and Their Health Effects

Organizer: School of Design, Shanghai Jiao Tong University

Venue: Hybrid of online and in-person in Minhang Campus, Shanghai Jiao Tong University

Time: August 7 to 13, 2022, but depends on the time of the invited tutors

> Program Overview

SURE Summer School on Urban Ecology is a training program for graduate students. It has been co-organized by the Society for Urban Ecology (SURE) and SURE-China chapter since 2011. The 2023 international Summer School on Urban Ecology is the 9th one in the series, which is co-organized by Shanghai Jiao Tong University (SJTU), SURE, SURE-China Chapter, and the University of Melbourne, and hosted by School of Design at Shanghai Jiao Tong University,

Shanghai, China. It is sponsored by the Graduate School of Shanghai Jiao Tong University.

Currently, more than 56% of world population live in urban areas. The associations between urban ecological and environmental exposures and human health has become a hotspot in urban ecology and public health. The 2023 Summer School will focus on hotspot of urban ecological and environmental exposures, such as urban heat island, air pollution, water and soil pollution, and their health impacts on the public.



> Highlights

The 2023 Summer School will focus on hotspot of urban ecological and environmental exposures, such as urban heat island, air pollution, water and soil pollution, and their health impacts on the public. The summer school aims to introduce the state-of-the-art theories, methods and technologies of urban eco-environmental exposures and their health effects, to enhance the theoretical and practical skills of postgraduate students, and to improve their scientific research capacities.

> About Faculty

We intend to invite distinguished scientists in environment and public health field. The potential tutors are listed, but not limited to the following professors, such as, Prof. Nieuwenhuijsen (Australian Catholic University, Australia); Prof. Michael Emch (The University of North Carolina at Chapel Hill, U.S.); Prof. Yuming Guo (Monash University, Australia); Dr. Amy K. Hahs (University of Melbourne, Australia); Dr. Suannae Movoa (The University of Melbourne, Australia); Prof. Yongguan Zhu (University of Chinese Academy of Sciences, China); Prof. Haidong Kan (Fudan University); Prof. Tiantian Li (Chinese Center for Disease Control and Prevention); Prof. Junxiang Li (School of Design, Shanghai Jiao Tong University).

> Eligibility

We can receive totally 60 Master and PhD students from domestic and international universities or institutes. The participant whose research interest in urban ecology, landscape architecture, landscape design, epidemiology and medical statistics are encouraged.

> Fees

The 9th SURE Summer School does not charge any fees for students. All students participate should pay for accommodations by themselves. School of Design of Shanghai Jiao Tong University reserves the right of final interpretation to the 9th international Summer School.

> Activities

Lectures, seminars, courses, field investigation, report.

> Application

Application time: 06/05/2023. to 06/18/2023

Expected registration date: 2022.08.06

> Application method

For overseas students, please complete and submit an online application at Study@SJTU (<http://apply.sjtu.edu.cn>), or send application materials to bixiaoxing@sjtu.edu.cn, including a copy of ID card or passport, student ID card, English proficiency certificate (not necessary for students whose native language is English), CV, and motivation. For domestic students, please apply through the WeChat linkage:



Contacts

Ms. Bi; E-mail: bixiaoxing@sjtu.edu.cn

Website

<https://designschool.sjtu.edu.cn/en-us/e689b4d7072385e4da5cf-cb69bb3ecb4/b1f189e6d6e913c21091df7376358cd5/detail/646737d10884b323f2400d6c>

International Summer School at Shanghai Jiao Tong University

Blue Carbon and Sustainable Ocean

Dates: 3rd July 2023 to 9th July 2023

Location: Shanghai, China

Modules will be taught in English

Healthy ocean and seas are essential climate solutions for reducing global greenhouse gas emissions and stabilizing the Earth's climate, as they store carbon and provide valuable climate adaptation benefits. They also provide us food and energy. It is essential to conserve and sustainably use them. Our Summer School covers the fundamental principles of ocean's role in confronting climate change and state-of-the-art technology and solutions for sustainably using the ocean through a mixture of lectures and field trips over one week in the great city of Shanghai. You will receive expert lecture from leading researchers at Shanghai Jiao Tong University and from around the world. The Summer School awards a non-credit certificate of attendance to students who successfully complete the program. We encourage both China-based and international students to apply.

> Learning outcomes

We aim for students who have a strong interest in:

- Learning about the foundations of ocean's role in the carbon cycle and climate changes and the practices for solving the challenges.
 - Becoming experts in protecting our oceans and developing sustainable ways to harness ocean resources.
 - Acquiring the necessary knowledge and skills for designing and developing ocean-based carbon dioxide removal projects.
- We strongly recommend submitting your application as early as possible.

> How to Apply

Applications are now open.

We encourage both China-based and international students to apply for the summer school. Places are limited and will be awarded on a competitive basis. All places will be awarded based on merit, and applications will be evaluated on each student's suitability for the course and how they stand to benefit from it.

> Teaching staff

This course is delivered jointly by the School of Oceanography, Shanghai Jiao Tong University. Our curriculum is led by Professor Meng Zhou, an oceanographer and the dean of School of Oceanography, Shanghai Jiao Tong University, and Dr Ji Li, an Associate Professor at the School of Oceanography, Shanghai Jiao Tong University. The teaching team will include international researchers who are leaders in their field.

> Course Schedule

The summer school is an intensive one-week program between 3rd July and 9th July 2023. The program includes advanced theoretical lectures, seminars, and field trips. Students are expected to attend all aspects of the program.

Section I: Climate, Ocean and Carbon; the science of climate service from the ocean

- Future climate change: Myth vs. truth & science beneath
- Strategies to strengthen the oceanic carbon pump and their pros and cons
- The microbial loop in the marine carbon cycle
- Deoxygenation in the global ocean under different carbon emissions
- Oceans under Pressure under a Changing Climate

Section II: The technology to explore and use the ocean

- Incredible Technology to Explore the Deep Sea
- Advance unmanned platforms to explore the ocean
- Renewable Ocean Energy, the power of the ocean

Section III: Get sustainable food and resources from the ocean

- Sustainable management of coastal groundwater resources
- Blue carbon: The potential of coastal and oceanic wealth as a natural climate solution
- Modern ocean farms that feed human and help our ocean
- Marine biomass for a circular blue-green bioeconomy

Section IV: Carbon capture from the ocean and Geoengineering

- Oceanic Carbon Capture and Geoengineering
 - Seaweed as a growth engine for a sustainable future
 - Ocean Health Index, a Comprehensive Assessment of the Ocean and Its Ecosystems
- Field trips and tours on related topics included.

Contact Us

The Summer School team is available to answer any questions about the program: Email us: jwen007@sjtu.edu.cn
<https://soo.sjtu.edu.cn/upload/file/20230530/20230530151952.pdf>

> Costs

There is a charge to attend this Summer School. This charge contributes to the cost of teaching, facilities, refreshments, and all activities. You will be asked to pay for your participation in the course through the Shanghai Jiao Tong University system once you have been offered a place. The course fee includes all tuition, activities and materials.

Full academic price: US\$ 800

A partial sponsorship may be available, awarded on a competitive basis. Candidates seeking such sponsorship must declare, upon applying, how much they expect to be able to contribute to the course costs. A decision regarding requests for financial support will be made after the applications have been evaluated.

> Travel and Accommodation

Students are responsible for arranging and paying for their own transportation to and from Shanghai. The Shanghai Jiao Tong University will provide supporting documents for your travel. University accommodation is available for a fee.

> Terms and conditions

Fees

Attendees are required to pay in full by the confirmation deadline. All payments and refunds are processed by Shanghai Jiao Tong University.

Cancellations/ refunds

Attendee cancellations made more than 2 weeks before the date of the summer school are subject to a US\$50 administration fee, plus any accommodation cancellation costs incurred by us. The remaining balance of the course fee will be refunded. No refund is payable for a cancellation made within 2 weeks immediately prior to the training course – in this event the full course fee will remain payable. If the vacant spot can be filled by another student, the full fee (minus the US\$50 administration fee) will be refunded once the replacement student has paid in full.

5th International Summer School of Medical Robotics

- School of Biomedical Engineering

Time: 2023.7.8-2023.7.15

Venue: Translational Medicine Building (Tang Zhongying Building), Minhang Campus, Shanghai Jiao Tong University

> Registration deadline for the programme

2023.6.21

> Introduction to the programme and the host faculty

In the four summer schools held, more than 100 students from more than 10 countries and more than 20 renowned professors and entrepreneurs in the field of medical robotics from home and abroad have participated in the activities, offering full English courses, academic reports, cutting-edge lectures, laboratory seminars, field visits and industrial internships, covering basic professional theories, international research hotspots and the introduction of the latest achievements, which have been unanimously praised internationally. The courses are well received internationally.



> Orientation and characteristics of the school

The Medical Robotics Summer School will focus on the four hot frontier topics in the fields of endoscopic medical robotics, orthopaedic surgery robotics, machine vision and brain-machine interface, based on the cross-disciplinary medical-industrial approach, and the Institute of Medical Robotics will continue to host the Medical Robotics Summer School in 2023::

- 1) A project-based curriculum from 2018, with students participating directly in laboratory research projects and truly applying what they have learned in practice;
- 2) This summer school will have a variety of teaching formats such as short courses, academic presentations and lectures, seminars, company visits and hospital exchanges, which are flexible and have an important role in the innovation of the teaching curriculum;
- 3) This program is open to the world at the same time through Shanghai JiaoTong University, which is a favorable platform to expand the medical robotics research field of JiaoTong University and to show the academic strength and international influence, as well as one of the important channels for our international degree students to source;
- 4) The summer school will hold seminars and project defence sessions, creating opportunities for direct communication and discussion between students and teachers, as well as providing support for the summer school's final assessment, and participants who successfully complete the program will receive a certificate of completion certification from the Institute of Medical Robotics.

> Faculty and other schooling conditions

Prof. Guangzhong Yang	Shanghai Jiao Tong University
Prof. Guoyan Zheng	Shanghai Jiao Tong University
Prof. Hannes Bleuler	EPFL Robotics Laboratory
Prof. Peer Fischer	Max Planck Institute for Intelligent Systems
Prof. Laura Na Liu	2. Physics Institute, University of Stuttgart
Research Fellow Xiaojun Chen	Shanghai Jiao Tong University
Researcher Hongyi Ren	Stanford University
Director Xiaozhou Wang	Department of Paediatric Cardiac Surgery, Shanghai Chest Hospital
Associate Professor Jianjiang Feng	Tsinghua University
Associate Professor Gu Yun	Shanghai Jiao Tong University
Associate Professor Feng Yuan	Shanghai Jiao Tong University
Associate Professor Guangyu Qiu	Shanghai Jiao Tong University
Associate Professor Gao Anzhu	Shanghai Jiao Tong University
Assistant Professor Dandan Zhang	University of Bristol

> Programme format and schedule of events

Day	Date	Main Activity
1	July 8	Registration +Icebreaker
2	July 9	Lecture+Night tour
3	July 10	Campus visit+Lecture
4	July 11	Hospital visit+Neobay Robotics Forum
5	July 12	Lecture
6	July 13	Hospital visit
7	July 14	Lecture
8	July 15	Project report+Closing ceremony

> Target Applicants/ Applicant Requirements

- (1) Number of places: 25
- (2) Scope: Senior, Master and PhD students enrolled in medicine, biomedical engineering, control science and engineering, materials science and engineering, mechanical engineering, computer science and technology, electronic science and technology and related interdisciplinary disciplines from around the world.

> Programme Fees and Scholarships

(1) Scholarships: We will select two students with outstanding performance to award scholarships. We award RMB 5,000 each to students who have demonstrated outstanding performance in various research internships or academic exchange activities in the Summer School, who have successfully completed the set study tasks and projects, and who have demonstrated talent and overall ability.

> Application process

- (1) Send your CV (email subject: Summer School_name) to imr@sjtu.edu.cn;
- (2) The deadline for this application and receipt of CVs is 24:00 BST on 21 June 2023. The Institute will select students based on their individual circumstances and notify them of their acceptance by email by 24:00 BST on 25 June 2023.



Website

<https://imr.sjtu.edu.cn/envia/sqxx2023/1084.html>

Contacts

Ms. Wu, Tel: 18045081616, Email: imr@sjtu.edu.cn
Address: Translational Medicine Building,
No. 800 Dongchuan Road, Minhang District, Shanghai

About the Organizers

School of Naval Architecture, Ocean & Civil Engineering

NAOCE consists of five departments, namely, Naval Architecture and Ocean Engineering, Engineering Mechanics, Civil Engineering, Architecture and International Shipping.

The five departments all provide bachelor and master degree programs. Departments of Naval Architecture and Ocean Engineering, Engineering Mechanics, and Civil Engineering offer PhD programs of respective disciplines and host Postdoctoral Research Stations.

The School also features two state key disciplines (i.e., Naval Architecture and Ocean Engineering, and Mechanics), and two Shanghai key disciplines (i.e., Fluid Mechanics and Geotechnical Engineering).

School of Biomedical Engineering

Shanghai Jiao Tong University (SJTU) established the Discipline of Biomedical Engineering (BME) in 1979, which was one of the first universities in China to establish the Discipline of BME. Since its founding, in the spirit of 'Dare to become a pioneer, and search for excellence', the faculty and staff of BME have made significant progress in research, education, and development. It has constantly been a leading BME program in China: The Discipline is a Key Discipline of the Nation, which has been ranked in the top three in all of the three national evaluations since 2002. The Discipline of BME has become a 'Star Discipline' of SJTU.

Currently, there are 187 undergraduate students and 191 graduate students in the School of BME. There are six academic areas in the school, including Biomedical Instrumentation, Neuroscience and Engineering, Medical Imaging and Informatics, Nano-Biomaterials, Systems Biology and Medicine, and Biological Sciences and Diseases, on a broad interdisciplinary basis.

School of Materials Science and Engineering

SJTU pioneered in setting up the discipline of Materials Science and Engineering (MSE) in China, based on the program of heat treatment of metals which was established in 1952. Nowadays, the MSE program in SJTU has been consistently ranked among the national top five, being No. 1 in 2003, as evaluated by the Minister of Education. In 2007, the MSE program of SJTU was authorized as the State Key Academic Program at Primary Discipline Level. MSE program of SJTU was ranked 25 in 2019 QS world university ranking and has been listed in the world top 0.1% discipline of ESI for years.

China-UK Low Carbon College

The college will closely integrate with China's green development strategy and provide China with talent, technology and industry support for its deep participation in global governance, for China's low-carbon and sustainable development, and for China's solution to global climate change. The college will bring world-class experts together in the low-carbon field to build a teaching and research institute with international influence and cross-cutting disciplines in the low-carbon field. The college is committed to cultivating the top and new international talents in the low-carbon field, organizing advanced and low-carbon training in advanced and systematic fields, conducting cutting-edge and innovative scientific research, promoting the development of low-carbon technologies.

Bio-X Institutes

The Bio-X Institutes of Shanghai Jiao Tong University was formed in 2005 by merging the Neuropsychiatric and Human Genetics Group (NHGG), which was established in 1996, and the Bio-X Life Science Research Institutes, which was established in April 2000.

The Bio-X Institutes has over 2000 square meters of world-class cutting-edge laboratory facilities across two Shanghai campuses in Xuhui and Minghang and at the Institute for Nutrition Science, SIBS/CAS. The Institutes also has substantial financial support from national and local sources. It has won several significant honors, including First Prize in the Shanghai Science and Technology Awards, First Prize in the Science and Technology Awards of the Chinese Ministry of Education, and Second Prize in the National Natural Science Awards. Furthermore, the Institutes has made at least three breakthroughs in the history of Shanghai Jiao Tong University: It contributed to the first chief scientist in the National "973" Program; was the first to have papers published in Nature Genetics; and was first to achieve the Second Prize of the National Awards for Natural Science. To date, the Institutes has published more than 200 papers in international journals and wrote more than 10 professional books, wholly or in part. Additionally, more than 10 patents have been authorized or are pending.

School of Design

In more than one hundred years and across three centuries, today's Shanghai Jiao Tong University is a comprehensive, research-intensive and global university. Design education in the built environment at Shanghai Jiao Tong University can be traced back to the early twentieth century. In December 2017, the University grouped the design related disciplines scattered in different schools, and amalgamated three departments, Architecture, Design and Landscape Architecture, to establish the new School of Design. In the QS subject ranking, "Architecture and the Built Environment" at Shanghai Jiao Tong has been ranked in the top group in both China and globally, whilst "Art and Design" in 2015 and 2016 made the top 50 in the world. Riding on the world-class platform, high-calibre students and the first-rate research of the university, their vision is to become a global School of Design with a distinctive Shanghai Jiao Tong character, and a community of talented scholars and design practitioners.

School of Environmental Science and Engineering

Traced back to the municipal engineering program set up in 1928, the discipline of Environmental Science and Engineering (ESE) of Shanghai Jiao Tong University (SJTU) has so far cultivated numerous brilliant alumni such as Gu Kangle, Zhou Wende, Gu Xiasheng, Hu Jiajun, Xu Xiaobai, etc. In September 1999, a school was officially established for this branch, namely the School of Environmental Science and Engineering (SESE). The first three years of the 21st century have witnessed the great progress achieved by SESE as it was approved to establish environmental engineering doctorate program in 2001, environmental engineering master program in 2002, and the first level discipline doctoral program of ESE in 2003. After two decades of rapid growth on the basis of other disciplines of SJTU like engineering, management, and medicine, SESE has developed its own superiority in the nationwide field of environmental science, and now is one of the most influential institutions of education and scientific research in the worldwide field of environmental science and engineering.

School of Mechanical Engineering

School of Mechanical Engineering (ME) has the vision of a world-class engineering school committed to high-level education and cutting edge research. It aims to offer the best learning experience to its students, the most rewarding working environment for its faculty and staff, as well as the most effective service to industry and society. As one of the top Schools of Mechanical Engineering in China, it strives to increase its international competitiveness and global presence through quality teaching, advanced research and close collaboration with leading universities in the world.

Antai College of Economics and Management, Shanghai Jiao Tong University

In 2011, Antai College of Economics and Management, Shanghai Jiao Tong University became the first business school in China to be accredited by all three of the world's most authoritative business school accreditation entities: AACSB, EQUIS and AMBA. Our four core programs – Master in Management (MIM), MBA, EMBA and Executive Here at the Antai College, we are building a new model for business education that combines theory and practice, trailblazing a path towards becoming a world-class business school, rooted in China. We welcome you to become part of our journey. Education – are all ranked in the Financial Times' top 60 in the world.

School of Agriculture and Biology

The school consists of five departments, namely the Department of Plant Science, Department Animal Science, Department of Resources and Environment, Department of Food Science & Engineering, and Department of Landscape Architecture, and a number of academic and research centers. We have always considered international exchange and cooperation to be effective ways to boost a leap-forward development of the school. We have established close relationships with world-renowned universities in USA, UK, France, Germany and Japan.

School of Oceanography

Is a joint entity between Shanghai Jiao Tong University (SJTU) and the Second Institute of Oceanography (SIO) at the Ministry of Natural Resources (MNR). SJTU established the Institute of Oceanography (IOO) in 2013 for research and graduate studies in ocean science and technology. Within five years, IOO developed PhD and MS degree programs in ocean science. To broaden impacts on education, research and service, SOO was founded in 2018 jointly by SJTU and SIO, and started to recruit undergraduate students in ocean science and technology since 2019.