



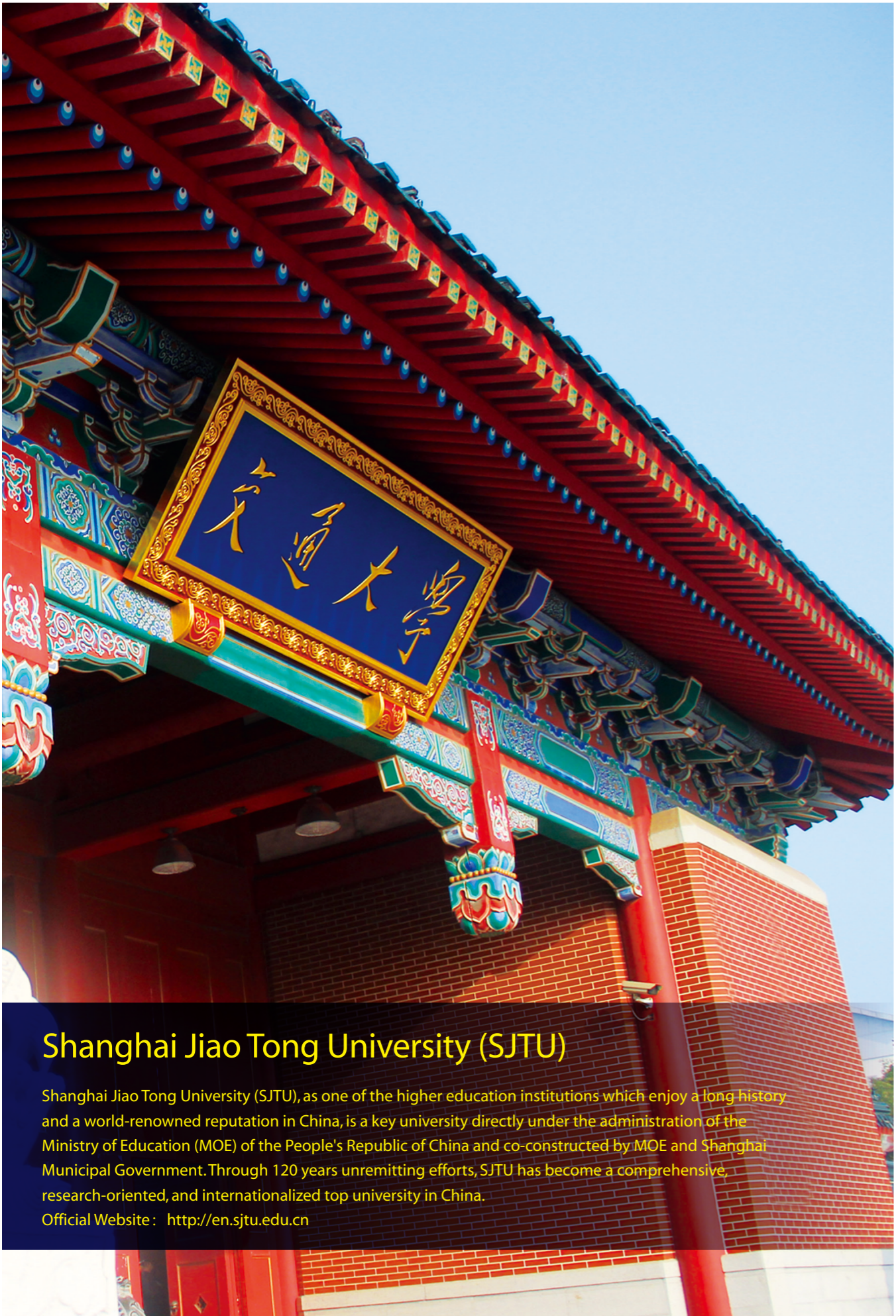
Graduate International Summer School

Glance of All Summer School Projects:



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Shanghai Jiao Tong University (SJTU)

Shanghai Jiao Tong University (SJTU), as one of the higher education institutions which enjoy a long history and a world-renowned reputation in China, is a key university directly under the administration of the Ministry of Education (MOE) of the People's Republic of China and co-constructed by MOE and Shanghai Municipal Government. Through 120 years unremitting efforts, SJTU has become a comprehensive, research-oriented, and internationalized top university in China.
Official Website: <http://en.sjtu.edu.cn>

> Graduate School of SJTU

Shanghai Jiao Tong University (SJTU) began to offer post-graduate education in 1931, and established the Graduate School in 1984. Upholding the SJTU tradition of "high starting point, solid foundation, strict requirement, emphasizing practice, and pursuing innovation", the Graduate School cultivated various kinds of excellent talents to meet the needs of the country. Hitherto, 80,861 Master or Doctor Degrees have been awarded to the graduate students.

SJTU has established a complete post-graduate education and degree-awarding system, offering degree programs at both the master & doctorate levels in various disciplines. Currently, there are 28,353 registered postgraduates, including 13,746 full-time master students, 7,782 part-time master students, and 6,274 full-time doctoral students. There is also a team of high quality faculties, including 42 academicians of Chinese Academy of Sciences or Chinese Academy of Engineering, 94 Thousand Talents Plan professors, 60 Thousand Youth Talents professors, 130 Chang Jiang Scholars, 107 winners of the National Science Fund for Distinguished Young Scholars, 11 innovative research groups funded by the National Natural Science Foundation of China, and 21 innovative research teams funded by the Ministry of Education of China.
For more information, please visit: <http://en.gs.sjtu.edu.cn>

> A glance of SJTU



Graduate International Summer School >

Shanghai Jiao Tong University began to offer Graduate International Summer School since 2013, which cover a wide range of specialties instructed by faculties from SJTU as well as other world leading institutions. Students can take courses from various specialties, while joining workshops, attending field trips and study tours. 2017 SJTU Graduate International Summer School (ISS) consists of 14 individual programs as below:

Programs

> Engineering

1. "Ocean Dreams"— 2017 ISS on Naval Architecture, Ocean Engineering and Mechanics / p04
2. 2017 ISS on Intelligent Information Processing / p06
3. 2017 "Zhi-Hong" ISS on Advanced Materials-Advanced Functional Materials / p08
4. 2017 ISS of UM-SJTU Joint Institute / p10

> Natural Sciences

5. 2017 ISS on Free Boundary Problems:Theory and Applications / p12

> Life Sciences

6. The 8th ISS on Bioinformatics & Biostatistics / p14
7. The 6th SJTU-KTH ISS on Frontiers in Interdisciplinary Biomedical Research / p15
8. 2017 ISS on Neural Engineering / p16
9. 2017 ISS on Chinese Landscape Architecture Culture and Ecological Research / p18
10. 2017 ISS on Food Quality and Safety in China / p20

> Art & Humanities

11. 2017 ISS on the Chinese History of the 20th Century / p22
12. 2017 ISS on Chinese Philosophy and Culture / p24
13. 2017 (2nd) ISS on Cross-Culture Studies / p26
14. 2017 The 4th ISS on Cultural Economy / p28

Schedules of Summer School

The Graduate International Summer School will be held during the summer of 2017. The specific time arrangement varies with the programs. You can refer to the page on the corresponding programs for detailed information.

How to apply

For most of the programs, applications should be made through: <http://apply.sjtu.edu.cn>. The following materials may be needed:

- > 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)
- > Curriculum vitae
- > Personal statement
- > Report of your past research experience (if available)
- > Language proficiency certificate (if available)

If your intended program has other requirements (eg., apply through emails, or another online application system), you need to follow the special requirements of that program.

Financial Support

Some programs offer financial support to cover partial of the traveling expenses. For detailed information, please visit the website of each program, or contact the program managers.

SJTU Graduate International Summer School will be conducted mainly on two campuses: Xuhui and Minhang. Students will be arranged in on-campus accommodation or hotels outside of the campus based on the program. Some programs will cover the accommodation cost. For details, please check the homepage of the corresponding program.

More information regarding to the accommodation reservation will be released after the students have been admitted to SJTU Graduate International Summer School.

1

“Ocean Dreams”

— 2017 International Summer School on Naval Architecture, Ocean Engineering and Mechanics

Organizer: School of Naval Architecture, Ocean & Civil Engineering

Time: July 16-July 30, 2017

Venue: Mulan Building, Minhang Campus

> Program Overview

Looking Back

Since 2009, the International Summer School on Naval Architecture, Ocean Engineering and Mechanics has been providing a valuable opportunity of learning and mutual exchange for students to broaden their vision and enrich their experiences.

Nowadays

In 2016, more than 300 senior undergraduates and Postgraduates from Mainland China, Taiwan, UK, Japan, Korea, India, Singapore, Thailand joined the two-week summer school. Participants attended excellent lectures given by 29 distinguished experts and scholars from the USA, the UK, France, Japan, Korea, United Arab Emirates and China.

Blueprint for 2017

Based on previous experiences, the 2017 Summer School will continue to provide excellent opportunities for students to probe into the latest research advances and applications of naval architecture, ocean engineering and mechanics through academic and cultural immersion. A wide range of courses in various disciplines will be provided by the world-class professionals and researchers. In addition, local excursions, cultural activities and field trips will also be available to the participants from all around the world.



> Highlights

Covers a wide range of knowledge and emphasizes on both theory and practice. Involves scientific principles, innovation, imagination together with the fundamentals of mathematics, physics, mechanics, oceanography, etc. New concepts, technologies and methodologies on the subject are constantly emerging.

> About Faculty

The professors and lecturers we plan to invite are from:

Italy: INSEAN

UK: University of Strathclyde

France: Ecole Centrale Marseille

Denmark: Technical University of Denmark,

USA: George Mason University, Texas A&M University, University of Michigan, Ann Arbor, University of California, Berkeley

China: Shanghai Jiao Tong University

> Eligibility

We are looking for postgraduates who are interested in the theories and applications of naval architecture, ocean engineering and mechanics, and senior undergraduates who are interested in pursuing further degrees at SJTU.

> Application Deadline: June 1, 2017



Want to know more?

Welcome to visit:
http://naoce.sjtu.edu.cn/en/show.aspx?info_lb=8&info_id=507&flag=8

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