International Programs Office
University of Michigan - Shanghai Jiao Tong University
Joint Institute
800 Dongchuan Road
Shanghai, 200240, China
http://umij.sjtu.edu.cn

Viva Du
International Programs Coordinator
viva.du@sjtu.edu.cn

Horst Honberger
Faculty Adviser for International Programs
horst@sjtu.edu.cn

2017
Study at JI
MESSAGE FROM THE DEAN

Dear students,

More than ever before, courses of studies at university have evolved from local endeavours to global projects. Spending time abroad, interacting with students of different backgrounds and cultures, taking courses from international faculty are integral components of university education today.

Here at the University of Michigan – Shanghai Jiao Tong University Joint Institute, we seek to be at the leading edge of this development in China. Our engineering curricula mirror those of the University of Michigan, our faculty come from all over the world and our student body, while predominantly Chinese, brings together international learners of diverse origins. Our programs are taught entirely in English, the official language of our institute, and include liberal arts as well as technical courses. We aspire to the highest academic level, coupled with innovative teaching styles and extensive cultural programs that allow you to discover China while progressing towards your degree.

I sincerely invite you to visit us and experience the unique international community of JI. Whether for a short-term, one-semester program or for a longer period, I promise you that your time in Shanghai will be an unforgettable highlight of your studies.

Peisen Huang
Professor and Dean

JI AT A GLANCE

University of Michigan

- Engineering college founded in 1854
- One of the foremost engineering schools in the US
- With almost all programs ranked in the top 10 of the US.
- 6,000 undergraduate and 3,000 postgraduate engineering students

Shanghai Jiao Tong University

- Engineering college founded in 1896
- One of the most prestigious engineering universities in China
- 16,000 undergraduate and 19,000 postgraduate students

UM-SJTU Joint Institute

- Founded in 2006 with strong support from both partner universities and the Chinese government
- First Chinese institution to win the IIE’s Andrew Heiskell Award for Innovation in Higher Education - one of the greatest honors in international higher education
- Uses the educational model of leading U.S. research universities
- English-only instruction and curriculum
- An experienced, innovative, international faculty team
- 1,200 undergraduate and postgraduate students
- A rapidly rising number of international full-time and exchange students from around the world
SHANGHAI

Boasting more than 24 million inhabitants, Shanghai is the largest metropolitan area in the world. It is home to the world’s busiest container port, the world’s largest rapid transit system by route length and ranks as one of China’s largest financial centers. Over 400 of the Fortune Global 500 companies have branches or research centers here. The showcase of the world’s fastest-growing major economy, Shanghai flourishes as a center of commerce between East and West.

Amazing opportunities await!
SJTU CAMPUS

The Joint Institute is located in the center of the SJTU campus in the Minhang district. The campus is the largest in all of China, with more than 30,000 students living and studying in a generously laid-out and pleasant area, a small town in its own right. Getting to Shanghai from the campus is easy and convenient, thanks to cheap taxis and the very clean and modern metro system.

My time at the JI was one of those once in a lifetime experiences that I would never want to miss out on in hindsight. Within just a few months I got to love China, Chinese and dumplings. It is an incredible product of connecting Chinese and western culture in a well functioning system that benefits everyone who takes part in it.

Lucas Lübbe
Industrial Engineering, FAU Erlangen-Nürnberg
2016 Summer
WORLD-CLASS FACULTY

Every J1 faculty member has overseas experience and all engineering and science faculty members have Ph.D. degrees over the world, including:

- University of Michigan, Ann Arbor
- Stanford University
- University of California, Berkeley
- Massachusetts Institute of Technology
- Princeton University
- Columbia University
- Carnegie Mellon University

...
COURSES

Summer term course list excerpt

VC210 Chemistry
VE203 Discrete Mathematics
VE215 Introduction to Circuits
VE281 Data Structures & Algorithms
VE334 Principles of Optics
VE370 Introduction to Computer Organization
VE450 Capstone Design
VE455 Digital Communication Signals & Systems
VE460 Control Systems Analysis & Design
VE462 Introduction to Operating System
VE464 Technical Communication II
VC100 Introduction to Engineering
VC101 Introduction to Computer & Programming
VM211 Introduction to Solids Mechanics
VM329 Fluid Mechanics
VM352 Mechanical Behavior of Materials
VM395 Laboratory I
VM452 Design & Manufacture III
VM458 Automotive Engineering
VM491 Automatic Control
VM495 Laboratory II
VX401 Seminar-Entrepreneurship
VX421 Leadership & Technology Management
VG496 Professional Ethics
VZ201 Chinese I

A complete and updated list of courses is available at http://sum.jlu.edu.cn/academics/courses/present-course-offerings/
EXPERIENCE CHINA

China’s high-speed rail network makes visiting other cities a breeze. JI’s International Programs Office offers regular weekend excursions within the Yangtze river delta area and throughout China.

My experience in China was unforgettable. Not only did I get to visit really amazing places full of historical and cultural significance, like Beijing, Nanjing, Xi’an, and Hangzhou, but I also got to meet incredible people who I got to share these adventures with. Every day was exciting, getting to experience college life in China, exploring the city of Shanghai, and eating delicious food. I really enjoyed my classes too, and even got to be a part of a group project for one of my classes, which helped me really feel like a part of JI.

Caroline McCue
Mechanical Engineering
University of Maryland
2018 Summer
APPLICATION & ADMISSION

Application Deadlines:

**Summer Term**
- Student nominations by partner universities - February 1
- Submission of application materials - February 15
- Admission decisions made by JI - March 1

**Fall Term**
- Student nominations by partner universities - April 1
- Submission of application materials - April 15
- Admission decisions made by JI - May 1

Tuition, Fees, and Housing
- Tuition is waived for students from partner universities.
- For all others, it is 2,500 RMB per course credit.
- An administrative fee of 1,000 RMB is charged to all students, covering a welcome package and participation in social events.
- Housing costs are 2,500-3,000 RMB for the whole term in double occupancy dormitories on Minhang campus.

Application Materials:
- Official transcript
- Resume/CV
- Recommendation letter
- Copy of passport
- Passport photo
- TOEFL/IELTS test results if English is not the first language

TERM DATES

**Summer 2017**
- May 10-11: Early check-in to the dorms (limited spaces! confirm 2 weeks in advance)
- May 12: Students arrive/ Airport pick-up! Check-in to the dorms
- May 14: Orientation
- May 15: Classes begin
- May 30: Holiday for Dragon Boat Festival
- Aug 7-11: Final examinations
- Aug 11: Term ends
- Aug 12-13: Check-out of the dorms

**Fall 2017**
- Sep 6-7: Early check-in to the dorms (limited spaces! confirm 2 weeks in advance)
- Sep 9: Students arrive/ Airport pick-up! Check-in to the dorms
- Sep 10: Orientation
- Sep 11: Classes begin
- Oct 1-5: Chinese National Holiday week
- Dec 11-15: Final examinations
- Dec 15: Term ends
- Dec 16-17: Check-out of the dorms
SINCE 2007

JI has hosted almost 400 foreign students from universities in the United States, Germany, Spain, Sweden and many other countries:

JI welcomes students to experience university life in Shanghai to its fullest and broaden their global and intercultural perspectives.

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