China Summer Engineering Program (CSEP)

June 29-August 14, 2015

networking, collaboration, international experience, innovation, research, leadership, design thinking

Global Engagement Programs

University of Notre Dame
The China Summer Engineering Program (CSEP) at Tsinghua University offers University of Notre Dame students from the Department of Aerospace & Mechanical Engineering an opportunity to apply their engineering skills to a corporate-sponsored design project alongside students from one of the top universities in China. Program participants will work together with Tsinghua University students in international teams to solve an engineering design problem.

Tsinghua University was established in 1911 and is located in the Haidian academic district of northwest Beijing. The university consists of 16 schools, 56 departments, and over 4,000 faculty members, who educate nearly 31,000 full-time students. Internationally recognized as one of the country’s top universities, Tsinghua has demonstrated a strong commitment to research and innovation and has graduated two Nobel prize winners, among other distinguished alumni.

Notre Dame International, in association with the Liu Institute for Asia & Asian Studies, invites you to Beijing, China

CSEP is an 8-week program for which participating Notre Dame students will receive 6.0 credits, equivalent to two courses at the University of Notre Dame. Participants will reside within Tsinghua University for the duration of the program. Successful project completion will require effective global and cross-cultural collaboration, providing participants a unique opportunity to develop their international teamwork skills.

Dates: June 29-August 14, 2015
The China Summer Engineering Program is held collaboratively with Tsinghua University in Beijing, China. Notre Dame students and Tsinghua students participate jointly and collaboratively, making the program a true international experience as well as a solid background for modern engineering of multinational scope.

For the project component of the program, teams of 4-6 students made up of both Notre Dame and Tsinghua students, will complete projects that are provided by and actively managed by multinational companies. In past years, students have been assigned a variety of projects, from redesigning a car seat frame for Chinese manufacturer Johnson Controls to designing a new method to consistently measure ribbed cylindrical roller bearings for the Timken Company. Notre Dame students work daily with Tsinghua students to research, design, and ultimately present their proposals.

Students participating in CSEP 2015 will be assigned both their company and project during the spring semester. Before arriving in China, students are expected to begin research into their project area, as well as communicate with their advisors both at Notre Dame and Tsinghua about their projects.

The University of Notre Dame’s Beijing Global Gateway provides academic and programmatic support for the China Summer Engineering Program. Along with managing logistics with Tsinghua University, the Beijing Global Gateway will also organize an academic excursion for program participants to Hangzhou. One of China’s ancient capitals, Hangzhou is home to some of China’s most successful companies, such as Alibaba.

As part of the program, students will participate in a seminar sponsored by the Liu Institute for Asia & Asian Studies at the University of Notre Dame. The seminar titled “Introduction to China Today” will be taught both at Notre Dame as well as in Beijing by Notre Dame faculty. This seminar along with credits obtained from participating in the program will count towards a Minor in Asian Studies. In addition, the Liu Institute for Asia & Asian Studies will provide financial support to program participants with need-based and merit-based grants of up to $2,000 USD.
Eligibility

- Sophomore or Junior level College of Engineering students at the University of Notre Dame
- A strong academic record
- Exceptional motivation, emotional maturity, and a high aptitude for adapting to new environments

Program Cost

US$4,500, which includes:

- 6.0 credits from the Department of Aerospace & Mechanical Engineering
- Housing at an apartment within Tsinghua University
- All activities related to program requirements
- Academic excursion to Hangzhou
- Field trip to the Great Wall of China
- Ground transportation to/from Beijing Capital Int’l Airport
- Ground transportation for academic field trips
- Wireless routers & Internet connection
- Housing at Tsinghua University
- Networking event with ND alumni & friends in Beijing

Note: Visa application fees and airfare are the applicant’s responsibility. Tsinghua University will issue program acceptance letters as required for visa applications. Program participants should bring money to cover personal expenses such as laundry, phone, shopping, etc.

Application

The online application for the 2015 China Summer Engineering Program opens on January 1, 2015. Decisions will be provided to applicants on February 9, 2015. Students should go to the Notre Dame International Global Engagement Programs webpage at international.nd.edu and submit:

1) A completed online application form
2) A copy of their university transcript
3) A résumé of their academic achievements and extracurricular activities

Important Dates & Deadlines

January 1: Online application available
January 26: Application deadline
February 9: Decisions sent to applicants
February 16: Confirmation deadline with $500 non-refundable deposit
April 20: Visa letters issued by Tsinghua University
June 1: Payment of remaining program cost balance due
June 28: Arrival in Beijing and housing registration
June 29: Academic program begins at Tsinghua University
August 14: Final corporate project presentations in Beijing
August 15: Check-out and departure

For additional information, please contact:
ndintl@nd.edu
University of Notre Dame
Notre Dame International
Global Engagement Programs
100 Main Building
Notre Dame, IN 46556 USA
Phone: +1-574-631-3913 | Fax: +1-574-631-5711