PROGRAM PREREQUISITES

- Complete years 1 to 3 as outlined by the home university course matrix, including the following courses or similar courses:
  - Mass and Energy Balances I and II
  - Process Analysis and Design
  - Transport Phenomena I
  - Kinetics and Reactor Design
  - Principles of Chemical Engineering I and II
  - Fundamental Chemistry
  - Chemical Reaction Engineering
  - Experiments of Chemical Engineering
  - Material and Energy Balances

ACADEMIC CURRICULUM

ECH 3854 (4)	ChE Computations
ECH 4604 (4)	ChE Process Design I
ECH XXXX **(3)**	ChE approved elective*
ECH XXXX **(3)**	ChE approved elective*

Spring Semester (13 credit hours of courses)

ECH 4267 (3)	Advanced Transport Phenomena II
ECH 4615 (3)	ChE Process Design II
ECH 4323/L (4)	Process Control & Lab
ECH XXXX **(3)**	ChE approved elective*

Fall Semester (14 credit hours of courses)

* Examples of electives include: ECH 4824 – ChE Materials, ECH 4781 - ChE Environmental, ECH 4823 – ChE Polymers, ECH 4743 - ChE Bioengineering, ECH 4825 – Polymer Processing, ECH 4904 Undergraduate Research Project, ECH4937/5934 – Special Topics in Chemical Engineering, ECH 5052 – Research Methods in Chemical Engineering, ECH 5840 – Advanced

To find out more about the Special Academic Program in Chemical Engineering and the application process, please contact:

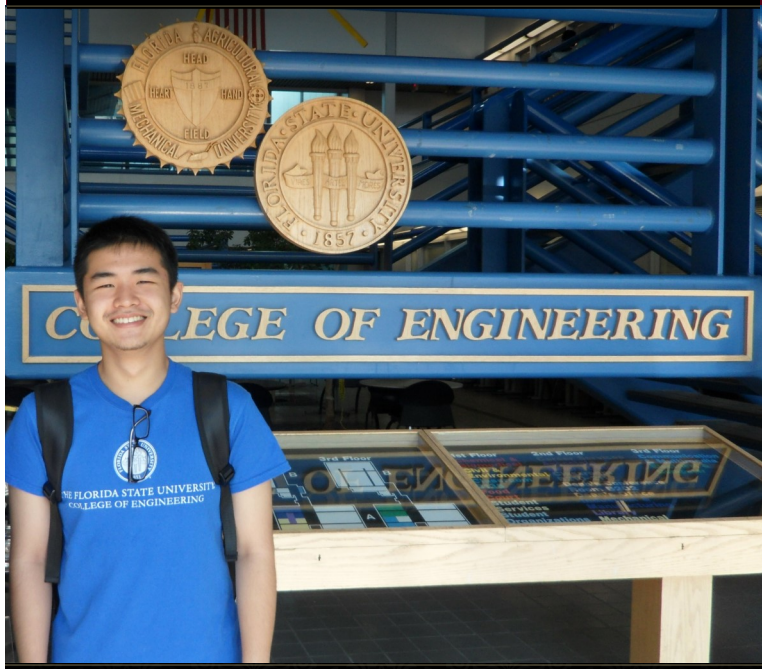
Dr. Jocelyn Vaughn
Program Director
FSU International Initiatives
Center for Global Engagement
Florida State University
Email: jmvaughn@fsu.edu
WEchat ID: jmvaughn

For information on **Special Academic Programs**, please go to: cge.fsu.edu/sap/

Join the SAP information mailing list: fsusapinfo@lists.fsu.edu

For information on the FSU Department of Chemical Engineering, please visit: eng.fsu.edu/cbe/

FLORIDA STATE UNIVERSITY



Special Academic Program
(3+1+1) in
Chemical Engineering

OVERVIEW

The Florida A&M University - Florida State University (FSU) College of Engineering offers a 3+1+1 program combining academic courses, professional preparation and research experience in Chemical Engineering.

The program is designed for highly motivated 4th year students or recent graduates in the field of Chemical Engineering The program gives students the opportunity to study 2 semesters at FSU, and transfer course credits to their home university (with pre-approval from the home university). In addition, up to 12 credit hours count toward a Master in Chemical Engineering at FSU. Students interested in remaining at FSU for graduate studies will take the GRE and apply during spring semester. Once accepted into the graduate program, students will take at least 3 semesters of coursework to receive the Master degree.

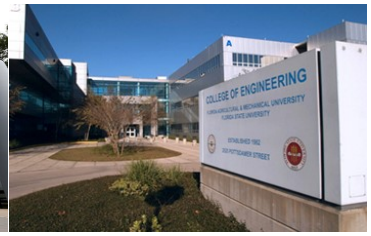
Application Deadline: April 21

Program Fee: $30,000 (includes room and board)

PROFESSIONAL PREPARATION

The academic program will be supplemented with professional preparation activities. Students gain hands-on experience using state-of-the-art design and computational tools.

This program prepares participants for their engineering careers in industry or pursuit of advanced degrees by providing them with comprehensive training through course work and experiential practices.



BENEFITS FOR STUDENTS

- Immersion in English-language and American culture
- Study in classes with domestic and international students
- Full integration in the academic life of the academic department at a highly ranked university
- Work closely with FSU's high caliber faculty, often in small groups settings
- The opportunity to transfer up to 12 credits earned into the Master degree at FSU

PROGRAM SUPPORT

A team of staff at the Center for Global Engagement (CGE) at FSU provide academic and non-academic support for students throughout the program.

The CGE assists with immigration, organizes housing and airport pick-ups, and provides a Peer Mentor to help students integrate into the FSU community.

In addition, the CGE provides academic support for students during the program, including course scheduling, advising, class registration, online learning and library access, and graduate school admissions.

ELIGIBILITY & APPLICATION PROCESS

Strong applicants will have:

- grade point average of 3.0 or equivalent
- 80 on the iBT/550 paper-based TOEFL Test/or 6.5 IELTS

To apply:

- Submit transcripts and English proficiency score to Dr. Jocelyn Vaughn at **jmvaughn@fsu.edu** by **April 21**. Final admission decisions will be made by the FSU faculty in the hosting department.

PROGRAM FEE $30,000 INCLUDES:

- Chemical Engineering classes, including lab fees
- Ongoing support from CGE staff and peer mentors
- Room and board at FSU for fall and spring
- FSU ID Card & transcript (upon Program completion)
- Group pick up at Tallahassee Airport

In addition to program fees students pay for the following:

- SEVIS fee and visa application fee,
- Roundtrip airfare to Tallahassee,
- Medical insurance meeting FSU requirements
- Textbooks, personal costs and food during breaks.

ACCOMMODATION AND DINING

Students live in the SouthGate Campus Centre: southgateattallahassee.com/