



Engineering is an international and collaborative profession. Today's engineers need to understand global cultures, issues, and forces to work with projects and clients in an international context. The College of Engineering and its departments support a variety of programs to give students opportunities to study and research abroad and prepare for a global engineering career. Major advancements toward that goal were made in 2016-17.

## NEW PARTNERSHIPS:

Developed new partnerships and programs in collaboration with global partners

- > Technische Universität Berlin in Germany: renewed agreement for semester and summer exchange for study and research
- > Hong Kong University of Science & Technology: new agreement for semester and summer study exchange
- > Tsinghua University in China: new agreement for a joint mechanical engineering research internship program

## STUDENT ENGAGEMENT:

Initiated support programs to engage students in global learning

- > Started engineering-specific study abroad advising, with 60+ student appointments
- > Coordinated 12 general and program-specific information sessions
- > Hosted information tables at Engineering Welcome and UW Study Abroad Fair

## ACADEMIC RESOURCES :

Increased services to help students enhance their global learning opportunities at UW

- > Launched a 1-credit seminar course (ENGR 202A) exploring topics related to global engineering practice
- > Provided credit evaluation support for students to apply engineering courses taken abroad toward UW degree requirements

## INCREASED ENGINEERING STUDENT PARTICIPATION IN STUDY ABROAD

College of Engineering students enrolled in a UW study abroad program

	2014-15	2015-16	2016-17
<b>CoE</b>	<b>77</b>	<b>114</b>	<b>129</b>
A&A	7	5	14
BioE	9	8	13
ChemE	2	8	12
CEE	17	34	18
CompE	3	7	2
EE	8	7	5
HCDE	14	12	18
ISE	3	6	1
MSE	4	5	7
ME	10	15	15
Pre-Engr	3	8	24

- > Includes undergraduate and graduate students
- > Students pursuing degrees in multiple departments are included in each department's total count

## Highlights

- > 129 students participated in a UW study abroad program, a 13% increase from 2015-16
- > 72 students participated in an engineering-focused UW study abroad program, a 67% increase from 2015-16
- > 24 Pre-Engineering students participated in a UW study abroad program, a 300% increase from 2015-16

## NEW STUDY ABROAD PROGRAMS DIRECTED BY UW ENGINEERING FACULTY

Created new faculty-led programs to provide more opportunities for students to earn UW engineering credit through international experiences

- > Engineering exploration course for first- and second-year students led by Prof. Fumio Ohuchi (MSE) at Tohoku University in Japan (Summer A Term)
- > Interdisciplinary program on solving global grand challenges led by Prof. Julian Marshall (CEE) in Bangalore, India (Winter Quarter)
- > Water engineering "study away at home" course led by Prof. Heidi Gough (CEE) on the Olympic Peninsula (Summer B Term)