

# Electrical & Computer Engineering

## INTEREST FORM .....

Receive recommended programs and information specific to your major and interests!

[go.ncsu.edu/studyabroadinterest](http://go.ncsu.edu/studyabroadinterest)

## ADVISING .....

Study Abroad and Graduate On Time!

Talk to your Academic Advisor to identify a time in your degree plan to study abroad & discuss the best courses to take abroad.

## FUNDING .....

Use a Combination of Resources!

Financial Aid travels with you. NC State will award more than \$400,000 in study abroad scholarships - \$100,000 of the study abroad scholarship funds are just for engineering undergraduate students! Personal fundraising is effective to raise additional funds. Most students use a combination of aid.

## GET INSPIRED! .....

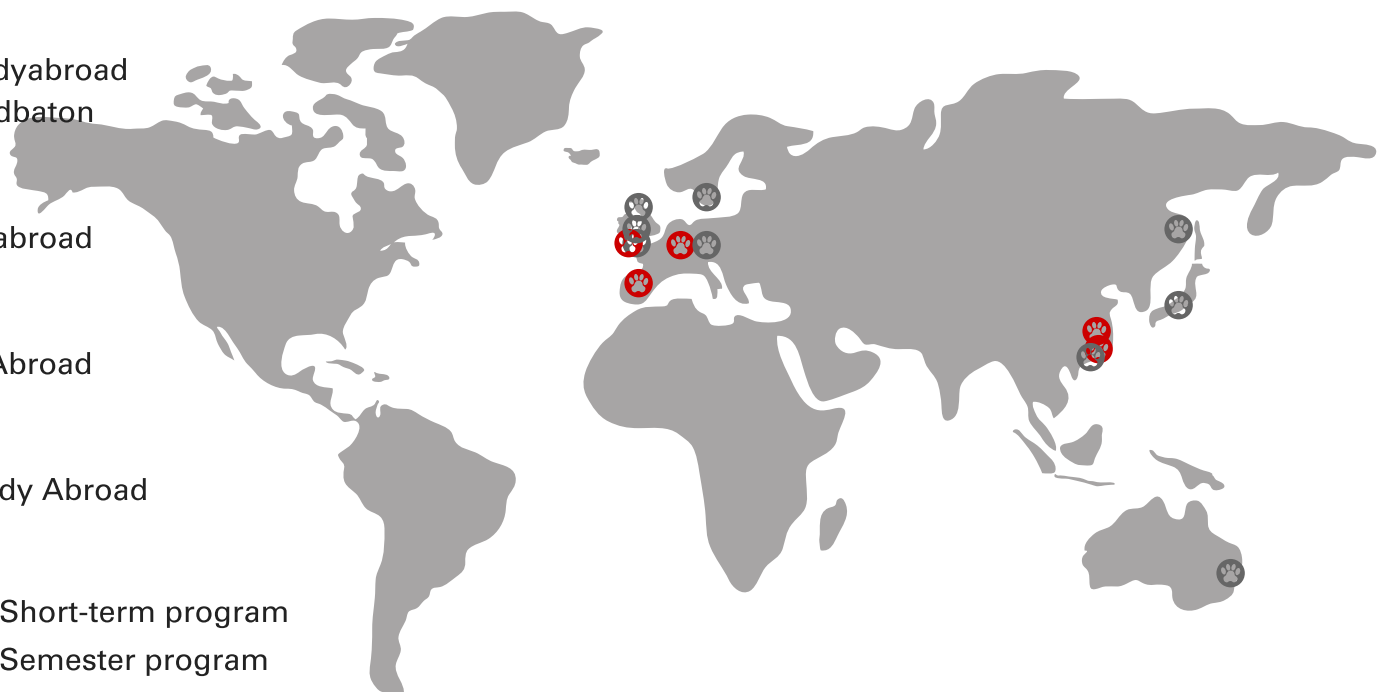
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-  Featured Short-term program
-  Featured Semester program

# Featured Programs

## SEMESTER PROGRAMS



Australia

University of Wollongong



Hong Kong

Hong Kong Polytechnic University



Ireland

University College Cork



Japan

Nagoya University



Poland

Global STEM Semester

ECE 301 / ELEC ENG 2007  
ECE 302 / ELEC ENG 2008  
ECE 303 / ELEC ENG 2009  
ELEC 306 / ELEC ENG 3032  
ECE 321 / ELEC ENG 3033  
ECE 434 / ELEC ENG 4059  
ECE 451 / ELEC ENG 3031  
ECE 546 / ELEC ENG 4053  
ECE 4\*\* & EE elective / ELEC ENG 4123 or ELEC ENG 4065  
ECE 4\*\* & CPE elective / ELEC ENG 4065

ECE 302 / EE2003A EE2003B  
ECE 303 / EE 2011  
ECE 305 / EE 3021  
ECE 308 / EE3051  
ECE 309 / EIE 320  
ECE 380 / MM 2021  
ECE 421 / EE 4011  
ECE 442 / EIE 409  
ECE 445 / EIE 450  
ECE 451 EE 4031  
ECE elective / EIE 426  
ECE elective / EE 3031  
ECE elective / EE 3041

ECE 212 / EE 2011  
ECE 301 / EE 2014  
ECE 302 / EE 2013  
ECE 303 / EE 3013  
ECE 305 / EE 3012  
ECE 308 / EE 3016  
ECE 421 / EE 4008  
ECE 423 / EE 4007  
ECE 434 / EE 3011  
ECE 451 / EE 4010  
ECE 453 / EE 4001  
ECE 455 / EE 4015  
NE 4001,4002,4003  
technical electives

ECE 209 / 10220  
ECE 303 / 771  
ECE 303 / 10164  
ECE 305 / 344  
ECE 402 / 364  
ECE 4\*\* / 360  
MAE \*\*\* / 10250  
ECE 421 / 354  
ECE 434 / 10260  
ECE 434 / 346  
ECE 451 / 345  
ECE 4\*\* / 10086  
ECE 4\*\* / 10247

This program for STEM majors provides additional on-site student support services from NC State faculty. Students will take courses at Adam Mickiewicz University in the beautiful and historic riverside city of Poznan.



South Korea

Seoul National University



Sweden

Lund University



United Kingdom

Swansea University



United Kingdom

University of Surrey

ECE 303 / Electromagnetics  
ECE 302 / Circuits  
ECE 463 / Computer Organization  
ECE 492 / Random Processes

ECE 308 / FRT 010  
ECE 402 / ETT 051  
ECE 403 / ETIN 25  
ECE 434 / EIEN 25  
ECE 434 / EIEN 25  
ECE 451 / EIE 030 & EIEN 15  
ECE 452 / AEB 020  
ECE 492 / EIEN 10 as REES el.  
ECE 492 / ABE 010 as ECE el.  
ECE 492 / EIEN 01 as EE el.  
ECE el. / ETEN 10  
ECE el. / MIE 041  
ECE 456 / EIEF 01  
ECE 461 / EDA 385  
ECE 464 / ETIF 01  
ECE546 / ETIF 35

EE 209 / EG 244  
ECE 301 / EG 247  
ECE 302 / EG 240  
ECE 303 / EGA 207  
ECE 308 / EG 243  
ECE 309 / CSF 104  
ECE 402 / EG 350  
ECE 422 / EG 341

ECE 304 / EEE 3025  
ECE 410 / EEE 017  
ECE 421 / EEE 3008  
ECE elective / EEEM 041  
ECE 422 / EEEM 006  
ECE 423 / EEE 3014  
ECE 445 / EEE 3021

## SHORT TERM PROGRAMS



China: Engineering at Shanghai Jiao Tong - UM Joint Institute



China: Engineering, STS & International Relations



Czech Republic: NC State Prague



Spain: Language, Technology & Culture



UK: London STEM & Liberal Studies

Complete a full semester of studies in China this summer. A wide variety of engineering courses are offered at this English-speaking institute with a wealth of cultural excursions and support. Ideal for rising sophomores or juniors.

Fulfill major or GEP requirements while experiencing China, a growing economic and political player on the world stage. Credits (select 2): MAE 214, STS Geographies of Energy, PS 231 International Relations, or Chinese language.

Prague offers a chance to spend time in one of Europe's most beautiful cities. Courses fulfill general education requirements: Humanities, Interdisciplinary Perspectives, Natural Sciences, and (tentatively) E102 Engineering in the 21st Century.

Study intensive language (FLS 212 and SFS 295) through the lens of technology; better understand the relationship between technology, culture, and a global society. Excursions to aqueduct and textile factories. Prerequisites: FLS 201 or equivalent.

Fulfill major engineering requirements like ENG 331 and ISE 311 while utilizing London as your classroom. Explore through cultural excursions to museums, British High Tea, and a West End performance.