

Advising Guide for Study Abroad in ARCHITECTURAL ENGINEERING

PLANNING TIPS



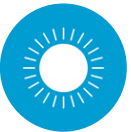
Look into your options early

KU students can study abroad as early as the second semester of their first year. It's never too early to start planning for study abroad!



Talk with your Academic Advisor

Create a plan for study abroad during fall and/or spring advising in your first year at KU, or as early as possible.



Summer & Winter Break Options

Summer and winter break are great times to take Mathematics and Basic Sciences, General Education, or the Architectural Design Elective during a summer/winter break program abroad, or participate in a summer international internship opportunity to gain valuable work experience.



U.S.-Specific Courses

Some of your upper division courses include key information about U.S. construction standards, so you should plan to take these courses at KU.



Semester Study

You can take Mathematics and Basic Sciences, General Education, or Engineering Science courses abroad in the fall or spring of your second year or the fall of your third year, AND stay on track for graduation in 4 years.

DEGREE REQUIREMENTS

Mathematics & Basic Sciences

Some of these courses can be taken abroad either during the summer or your second year.

MATH 125	Calculus I
MATH 126	Calculus II
MATH 127	Calculus III
MATH 220	Applied Differential Equations
MATH 290	Elementary Linear Algebra
MATH 526	Applied Mathematical Statistics I
PHSX 211	General Physics
PHSX 216	General Physics I Lab
PHSX 212	General Physics II
PHSX 236	General Physics II Lab
CHEM 150	Chemistry for Engineers

General Education






ENGL 101	Composition
ENGL 102	Critical Reading and Writing
ARCH 540	Global History of Architecture I
ARCH 541	Global History of Architecture II
GE 2.2	Oral Communication
GE 3S	Social Science Elective
AE 4.1	Human Diversity
AE 5.1	Social Responsibility & Ethics

Engineering Science


Many of these are good courses to take abroad. Second year or fall semester of the third year are the best times.

ARCE 217	Computer-Assisted Building Design
CE 301	Statics and Dynamics
CE 310	Strength of Materials
ME 312	Basic Engineering Thermodynamics
CE 461	Structural Analysis
EECS 315	Electric Circuits & Machines
ARCE 350	Building Materials Science
CMGT 357	Engineering Economics
ME 510	Fluid Mechanics
ARCE 660	Building Thermal Science

Engineering Design

ARCE 101	Intro to Architectural Engineering
CMGT 500	Construction Engineering
ARCE 640	Power Systems Engineering I
 ARCE 650	Illumination Engineering
 ARCE 661	HVAC&R Systems Design
 CE 562	Design of Steel Structures
 CE 563	Design of Reinforced Concrete Structures
	Architectural or Engineering Design Elective
 ARCE 698	Comprehensive Design Project

Architectural Design

 ARCH 626	Building Theory Design Studio
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**Courses which should be taken at the University of Kansas are indicated with*



RECOMMENDED PROGRAM OPTIONS

Below you will find a list of possible program options for your major that have been reviewed and approved by the School of Engineering. This is not an all-inclusive list, but rather a starting point for you to begin your study abroad search. Visit the links to learn more about course availability.

Places offering

SEMESTER PROGRAMS

UNIVERSITY COLLEGE CORK

Cork, Ireland

Select from a variety of engineering or general education courses. Recommended for the fall semester of your second or third year.

Eligibility: sophomore status, cumulative 3.0 GPA.

UNIVERSIDAD PONTIFICIA COMILLAS

Madrid, Spain

Take math and engineering courses in English and strengthen your Spanish skills. This program is available during the spring of your second year.

Eligibility: Completion of MATH 127 and CE 201, cumulative GPA 2.75.

UNIVERSITY OF NEWCASTLE

Newcastle, Australia

Take KU Core and Engineering courses on the east coast of Australia. Spring semester of your second year is the ideal semester for this program.

Eligibility: second semester sophomore, cumulative 2.5 GPA.

UNIVERSITY OF HONG KONG

Hong Kong, People's Republic of China

Take Engineering and KU Core courses in English at one of Asia's most highly ranked universities. This is an option for the fall or spring semester of your second or third year.

Eligibility: sophomore standing, cumulative 3.0 GPA.

SWANSEA UNIVERSITY

Swansea, Wales

Take Engineering and KU Core courses on the coast of Wales. Recommended for the spring semester of your second or third year.

Eligibility: Junior standing, cumulative 2.8 GPA.

Places offering

SUMMER PROGRAMS

JOHN CABOT UNIVERSITY

Rome, Italy

Summer program ideal for the summer before your second year. Earn credits in Mathematics and Statics.

Eligibility: one year of college coursework, good academic standing.

ARCHITECTURE IN EUROPE

Germany and Finland

Study historical and contemporary architecture in Berlin and various cities in Finland.

Eligibility: Consent of Program Director.

LOOKING FOR MORE OPTIONS? VISIT OUR WEBSITE.

PROGRAM OPTIONS CONT.

Places offering

WINTER BREAK PROGRAMS

ARCHITECTURE IN ASIA

Malaysia, South Korea, Singapore

Complete your Architectural Design Elective during three weeks of travel to Malaysia, South Korea, and Singapore.

Eligibility: one semester of college coursework, cumulative 2.5 GPA.

INSIGHT INDIA: ENGINEERING APPLICATIONS

Participate in company visits and cultural excursions in southern India.

Eligibility: Engineering students in good standing.

Programs offering

EXPERIENTIAL OPPORTUNITIES

INTERNSHIPS

Multiple Locations

Gain voluntary professional experience over 6-12 weeks.

Eligibility: preference for juniors and seniors, some locations are available to sophomores, cumulative 2.75 GPA.

SIT SUMMER INNOVATION LAB - WATER ISSUES

Amman, Jordan

Explore innovative approaches to water supply in Jordan.

Eligibility: one semester of college coursework, cumulative 2.5 GPA.

LOOKING FOR MORE OPTIONS? VISIT OUR [WEBSITE](#).