

GLOBAL PRODUCT DEVELOPMENT

HUNGARY, AUSTRIA, CZECH REPUBLIC, SLOVAKIA, GERMANY, AND POLAND

STUDY ABROAD SPRING 2024



Tour countries and companies and experience engineering design in a way impossible anywhere else! During the Global Product Development course we will increase our understanding of the important issues involved in globalization and how to acquire skills needed to manage product development in a global environment. This will be accomplished through study and on-site visits of companies in the U.S and Europe. Specific issues to be addressed include how companies manage international product development and the challenges and opportunities associated with global product development. As we travel within 6 countries and visit approximately 20 companies and organizations, we'll explore developing product needs in unfamiliar cultures, designing for adaptability, managing distributed design teams, and manufacturing at remote and/or distributed sites. We will appreciate first-hand how global companies approach these issues and seek to understand design strategies related to concept selection, product architecture, economic modeling, CAD management, design reviews, prototyping, and manufacturing systems in a global environment. We'll discuss and share how globalization and other design process affects us individually and collectively as a world and explore the impacts of manufacturing capabilities and decisions in a cross cultural team environment, and learn about the nature of business, engineering, law, and other disciplines in a global economy. The course is open to all majors, but preference will be given to engineering students.

DATES

30 April - 19 May 2024 (approx.)—Spring Term 2024.

On-Campus instruction will take place during the first few days of the term, followed by 14-16 days of international travel.

HOUSING

We will stay in hotels along the way, traveling from the hotels to industry sites. Program directors will be arranging all hotel accommodations.

COURSES

Students will enroll in the following course while on this program:

ME EN 579 — Global Product Development (3 credit hours)

This class counts as a technical elective for undergraduate students. Enrollment is limited to twelve students.

COST

\$5,800–6,100

Includes Latter-day Saint undergraduate tuition (increased cost for non-Latter-day Saint students), all travel costs including international airfare and in-country transportation, lodging, breakfast at some hotels, group excursions, and international health insurance coverage.

Does not include personal expenses, lunches, and most dinners.

The cost of this program will be reduced by **\$1400** (for students in the College of Engineering) as a result of generous support provided by the **Weidman Center for Global Leadership**.

TRAVEL

Flights which are covered by the program cost will be arranged by the program directors through a BYU Travel agent. Students may not purchase their own flights.

BYU Travel | 280 HRCB | (801) 422-6293 | travel@byu.edu

PREPARATION

Per university policy, all students are required to attend the safety lecture and cultural awareness lecture, which will be scheduled for a date near the departure date. These lectures will be part of a required three-day design workshop and seminar from 8 a.m. - 5 p.m. held on campus the first few days of the term. Part-time BYU students and non-BYU students will need to pay an additional tuition fee of approximately \$342.

Students must meet all country-and program- specific COVID and health requirements for travel.

FUNDING SOURCES

Regular BYU tuition scholarships, Pell Grants, and Federal Insured Student Loans may be applied to study abroad programs. Students who submit the financial aid section of the ISP application and who have a current FAFSA form on file at the Financial Aid Office (A-41 ASB) will be considered for a study abroad scholarship and may be considered for other scholarships. Academic departments and colleges may assist with scholarships and grants. Private grants and scholarships outside of BYU may also assist (see kennedy.byu.edu/scholarships).

APPLICATION PROCESS

Students must be 18 years of age or older. Complete the online application at kennedy.byu.edu/isp-apply. A non-refundable \$35 application fee is required. Applicants will be contacted for an interview by the program director(s). Students will be notified via e-mail of their acceptance into the program. The first payment is due upon acceptance.

Application Deadline: 30 November 2023

FACULTY

Directors and Professors **Christopher A. Mattson** and **John L. Salmon** have taught and conducted research in the areas of engineering design, manufacturing, and global product development.

For more information, please contact: Dr. Christopher A. Mattson: 360C EB | (801) 422-6544

SCHEDULE AND TIME COMMITMENT

By university policy, all students are required to attend the safety lecture and cultural awareness lecture, which will be scheduled during the first few days of the class. All course assignments will be completed and submitted by May 20.

INTERESTED STUDENTS SHOULD CONTACT

International Study Programs

101 HRCB | (801) 422-3686 | isp@byu.edu | kennedy.byu.edu/isp

PROGRAM ADJUSTMENTS

International Study Programs (ISP) reserves the right to cancel this program, revise its offerings, or make any adjustments to the preliminary cost. If it becomes necessary for ISP to cancel a program, all program payments made to BYU ISP will be refunded to the student's BYU financial account. ISP is the only office authorized to cancel any of its programs.