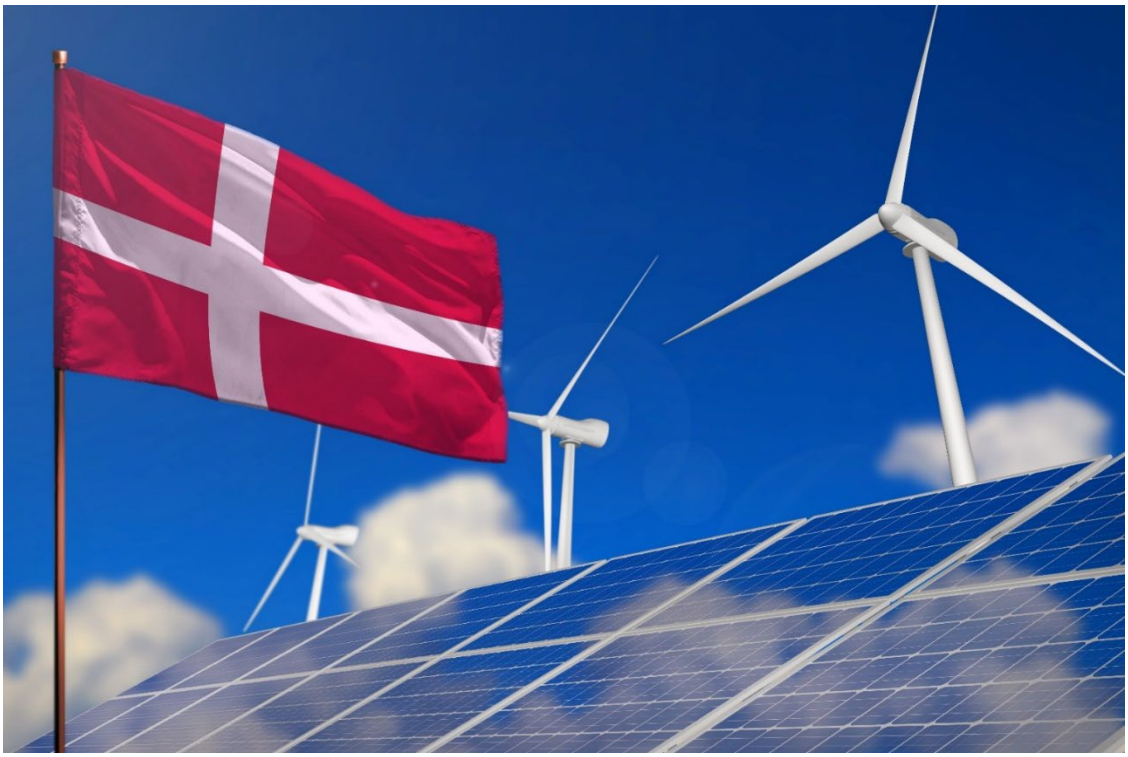
RENEWABLE ENERGY

DENMARK

STUDY ABROAD SUMMER 2023



Join us for an opportunity to learn about renewable energy while in Denmark. This study abroad includes a four-week course taught on the Technical University of Denmark campus located in Copenhagen, Denmark. This experiential learning opportunity includes a trip to the Middelgrund offshore wind farm where we will climb into the wind turbine. We will also do experiments on wind turbines at a large-scale testing facility, tour the metro system in Copenhagen, and tour a waste to energy facility. Since Denmark is a leading country in wind energy production with a goal to produce 80% of their electricity from wind in 2024, you will gain experience that can be applied to renewable energy development in the USA. We will study electrical grid stability with intermittent wind energy and study cybersecurity issues associated with the power grid. We will also visit Frederiksborg Castle, Kronborg Castle, and various Viking sites. Take advantage of this opportunity to experience the modern area of renewable energy development while also experiencing living in Denmark that is rated as one of the happiest countries. You can experience firsthand how sustainable living practices have been adopted.

DATES
1 July – 31 July 2023 (4 weeks)

HOUSING
Students will live in the residence hall at Technical University of Denmark.

COURSES
Students will register summer term 2023 for the following 6 credit hour class:
ECEn 493R— Renewable Energy and Sustainability

COST
$2,700-3,100

Includes Latter-day Saint, undergraduate full tuition (increased cost for graduates and non-LDS), housing, company visits, group cultural visits, group transportation, and international health insurance.

Does not include roundtrip airfare to Europe, food while at Technical University of Denmark and personal expenses.

A $1,300 scholarship will be given by the Weidman Center for Global Leadership to student participants majoring in a program within the Ira A. Fulton College of Engineering.

TRAVEL
Students are responsible for purchasing their own airfare to and from the program sites. Airfare reservations must be made through BYU Travel. Students should contact a BYU Travel agent.

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

PREPARATION
Prerequisite: (one of the following)

ECEn 240 — Circuit Analysis and Laboratory
ECEn 301 — Elements of Electrical Engineering

Accepted students are required to participate in an international, cross-cultural preparation course (IAS 201R, 1 credit hour). This class will be held during the second block of the Winter 2023 semester. Part-time BYU students and non-BYU students will need to pay an additional tuition fee. Accompanying spouses need to be credit-bearing participants on the program. Spouses will also need to apply online and take the preparation course.

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 complete the ISP Program Discount section of the program 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
Complete the online application at kennedy.byu.edu/isp-apply. The application requires a $35 fee.
Applicants will be interviewed once the application is complete. Students will be notified via e-mail of their acceptance into the program. The first payment is due upon acceptance.

Application Deadline: 15 February 2023

FACULTY
Stephen M. Schultz, professor of electrical engineering, will direct the program.
450 F EB
(801) 422-1693
schultz@byu.edu

SCHEDULE AND TIME COMMITMENT
The program will start on 1 July 2023 in Copenhagen, Denmark. Expect 3–4 hours of weekday instruction with a commensurate homework load. There will be scheduled time for visiting technical sites, cultural centers, tourist attractions as well as available free time for enjoying Denmark.

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.