# Iceland

## Renewable Energy, Technology, and Resource Economics

Examine the physical processes of energy utilization as well as the economics and environmental impacts of energy use across diverse regions of Iceland.

This program explores energy technologies and systems in Iceland, a world leader in the use of renewable energy. The program visits relevant sites in all corners of Iceland, including: geothermal and hydroelectric power plants; historically, culturally, and geologically significant areas; an eco-village; and sites of unique natural beauty. Students gain firsthand exposure to renewable energy systems and the individuals who design, maintain, and make decisions about such systems.

Students spend extensive time in Ísafjörour, the capital of the remote Westfjords region and in Reykjavík, Iceland's capital city. The program helps students develop a mastery of alternative energy technologies; an understanding of the role these technologies play in Iceland's social, economic, and political contexts; and how these lessons apply to the larger world. The program also includes an introduction to the Icelandic language and culture.


**DURATION:** 7 weeks (mid-June to late July)

**PROGRAM BASE:** Ísafjörour

**HOMESTAY:** Ísafjörour, 4 weeks

**PREREQUISITES:** Previous college-level coursework or other significant preparation in engineering, economics, environmental studies, or related fields.

### COURSEWORK

ENGR 3000: **Renewable Energy, Technology, and Resource Economics Seminar**
6 credits / 90 class hours

ICEL 1000: **Introduction to Icelandic**
2 credits / 30 class hours

*Please note: This program may have different credit distribution and/or other curriculum changes for summer 2012. Please visit* **www.sit.edu/ICE** *for details.*

Listen to program alumnus Thomas (T.J.) Chernick describe his experience studying abroad with SIT in Iceland at **www.sit.edu/ICE**.