



SE-817-PIC

ENERGY AND CLIMATE POLICY INNOVATION

6 ECTS

Year of study: First year MSc.

Semester: Spring.

Level of course: 4. Second cycle, introductory.

Type of course: *Taught in the Iceland School of Energy.* Elective for all MSc programs in engineering.

Prerequisites: None.

Schedule: Taught during the 3-week teaching period at the end of the semester. Schedule will be introduced in the learning management system Canvas.

Supervisor: Juliet Newson.

Lecturer: Halla Hrund Logadóttir.

Learning outcome: Upon completion of the course the student should be able to demonstrate knowledge in the following:

- Policy making
- Negotiations
- Issues of climate change
- Issues of sustainable development for the Arctic
- Policy advocacy and advocacy writing

Content: This course is designed to help students understand energy and climate policy development and implementation, while practicing skills necessary to address complex challenges in this field. Students will learn about the policy-making process and concepts and frameworks of sustainable development, and how these relate specifically to climate change and pressing energy needs. In addition to learning about best practices, they will get first-hand experience in using innovative tools to work on these issues, such as logic models and design thinking. While testing their learnings through selected energy/climate policy case studies, students will also develop their own contribution, practicing communicating solutions effectively orally and in writing to a local and global audience. Throughout the course, students will develop necessary skills for policy advocacy and implementation through debate, negotiation, briefing delivery training and op-ed writing.

Reading material; Teaching and learning activities: Will be introduced in the learning management system Canvas at the beginning of the semester.

Assessment methods: Student projects, class participation and quizzes, assessment Will be further defined in learning management system Canvas.

Language of instruction: English.