



SE-807-STE

SPECIAL TOPICS IN ENERGY II

6 ECTS

Year of study: First year MSc.

Semester: Fall/Spring.

Level of course: 4.-5. Second cycle, introductory-intermediate.

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

Prerequisites: To be announced. Depends on the particular course topic each year.

Schedule: Schedule will be introduced in the learning management system Canvas at the beginning of the semester.

Supervisor: Juliet Newson.

Lecturer: To be announced.

Learning outcome: This is a specialized course in sustainable energy, taught by a visiting expert. The topic will vary, depending each year on the area of expertise of the visiting lecturer. Upon completion of the course the student will be able to:

Knowledge:

- Explain the concepts that are discussed in the course.
- Describe the context and scope of the models/systems that are covered in the course.
- Understand the processes that enable design and application of models/strategies in this field of study.

Skills:

- Use appropriate terminology and models in context.
- Analyze when and what information is needed and how to find it, evaluate it, and apply it.
- Can apply critical analysis to studies and work in this field.

Competence:

- Apply the skills in the workplace as a useful collaborative team member.
- Develop plans for further study using acquired knowledge and skills.

Content: To be announced. This is a specialized course in sustainable energy, taught by a visiting expert. The topic will vary, depending each year on the area of expertise of the visiting lecturer.

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

Language of instruction: English.