# Electric power systems

Elkraftsystem
6 credits

TSFS17

Valid from: 2026 Spring semester

| **Determined by** | **Main field of study** | |
|---|---|---|
| Board of Studies for Mechanical Engineering and Design | Energy and Environmental Engineering, Electrical Engineering | |
| **Date determined** | **Course level** | **Progressive specialisation** |
| 2025-08-28 | First cycle | G1F |
| **Revised by** | **Disciplinary domain** | |
| | Technology | |
| **Revision date** | **Subject group** | |
| | Physics | |
| **Offered first time** | **Offered for the last time** | |
| 2024 | | |
| **Department** | **Replaced by** | |
| Institutionen för systemteknik | | |

# Course offered for

- Master of Science in Energy - Environment - Management
- Master of Science in Mechanical Engineering

# Examination

| | | | |
|---|---|---|---|
| LAB1 | Laboratory Work | 2 credits | U, G |
| TEN1 | Written Examination | 4 credits | U, 3, 4, 5 |

Grades for examination modules are decided in accordance with the assessment criteria presented at the start of the course.

# Grades

Four-grade scale, LiU, U, 3, 4, 5

# Other information

### About teaching and examination language

The teaching language is presented in the Overview tab for each course. The examination language relates to the teaching language as follows:

- If teaching language is “Swedish”, the course as a whole could be given in Swedish, or partly in English. Examination language is Swedish, but parts of the examination can be in English.
- If teaching language is “English”, the course as a whole is taught in English. Examination language is English.
- If teaching language is “Swedish/English”, the course as a whole will be taught in English if students without prior knowledge of the Swedish language participate. Examination language is Swedish or English depending on teaching language.

### Other

The course is conducted in such a way that there are equal opportunities with regard to sex, transgender identity or expression, ethnicity, religion or other belief, disability, sexual orientation and age.

The planning and implementation of a course should correspond to the course syllabus. The course evaluation should therefore be conducted with the course syllabus as a starting point.

The course is campus-based at the location specified for the course, unless otherwise stated under “Teaching and working methods”. Please note, in a campus-based course occasional remote sessions could be included.