

Manufacturing and recycling of lithium ion batteries, 2,5 HE credits

Tillverkning och återvinning av litiumjonbatterier, 2,5 hp

Established: 2020-10-22

Established by: Department of Engineering Science

Applies from: V21

Learning outcomes

After completing the course, the student:

- should show knowledge of how batteries are manufactured
- should show knowledge of and evaluate different methods for recycling batteries
- be able to conduct a life cycle analysis and evaluate the impact of manufacturing methods on the environment

Entry requirements

Undergraduate degree in Engineering (180 credits) or equivalent.

The forms of assessment of participant performance

Individual written assignment.

Course contents

- Battery manufacturing
- Reuse of batteries
- Recycling of batteries
- Lifecycle analysis
- Risk analysis in recycling

Other regulations

Course grading: Failed, Passed and Passed with Distinction

Course language: The teaching is conducted in English.

Cycle

Second cycle

Progressive specialization

A1N - second cycle, has only first-cycle course/s as entry requirements

