

Course Syllabus

Sustainable Building Rating Systems 2.5 Credits*, Second Cycle Level 1

Learning Outcomes

The course focuses on building sustainability assessment systems. Upon completion of the course students will be able to:

- Understand the concept of sustainable development in the built environment.
- Learn about the different sustainability systems used worldwide.
- Describe the main characteristics of the various building rating schemes.

Course Content

The course firstly discusses the history and objectives of building rating systems. It then compares the most popular building rating systems including BREEAM, LEED, CASBEE, and Miljöklassad byggnad in a national and international perspective. Finally, it discusses how building rating systems may lead to a more sustainable building sector.

Assessment

Compulsory seminar attendance and group report of 2.5 credits.

Forms of Study

Lectures, seminars

Grades

The Swedish grades U–VG.

Prerequisites

Bachelor of Science degree from building-, energy technology or civil engineering related fields of at least 180 credits and English 6

Subject:

Construction

Group of Subjects:

Building Technology

Disciplinary Domain:

Technology, 100%

This course can be included in the following main field(s) of study:

1. No main field of study

Progression Indicator within (each) main field of study:

1. A1N

Approved:

Approved 11 November 2017

Valid from 6 January 2018