

Course Syllabus

Construction Management and Working Environment 7.5 Credits*, First Cycle

Learning Outcomes

The student will acquire knowledge about the construction process organization and implementation, as well as basic environment work.

After completing the course, the student shall be able to:

- Explain the construction process and its different stages
- Define the different actors within the construction industry and their respective roles
- Describe what documents are drawn up and used during the construction of a project
- Indicate which laws and regulations affect the construction process in Sweden
- Understand the basics of resource efficient construction production
- Describe different types of construction forms
- Establish selected documents that are included in a prospectus
- Describe the grounds for work environment work regarding legislation, concepts and actors
- Explain the work involved with systematic work environments from a physical and psychosocial perspective

Course Content

The course covers the construction process from initial concept to building management. The initial focus of content is on the actors, documents and applicable regulations in the construction process and its various stages. Also, the procurement process, various forms of contracting and construction law with specialization in creating specifications and tenders are all examined. Basic work environment knowledge and specialization within the work environment in the construction process and its different stages run parallel to the previously mentioned course content.

Assessment

Written examination 3 credits

Assignment 2 credits

Seminars / Laboratory work 2.5 credits

Forms of Study

Lectures, seminars and laboratory exercises.

Grades

The Swedish grades U, 3, 4, 5.

Prerequisites

45 credits in the Construction Management Programme or Building Engineering Programme or Construction and Urban Planning Programme

Subject:

Construction

Group of Subjects:

Building Technology

Disciplinary Domain:

Technology, 100%

Progression Indicator:

G1F

Approved:

Approved 18 February 2021

Valid from 11 May 2021