



Course syllabus

Byggprocessen The Construction Process

VBEA10, 5 credits, G1 (First Cycle)

Valid for: 2023/24

Faculty: Faculty of Engineering, LTH

Decided by: PLED V

Date of Decision: 2023-03-21

General Information

Main field: Technology.

Compulsory for: V2

Language of instruction: The course will be given in Swedish

Aim

The subject aims at imparting the students with the knowledge and understanding of the players, regulations and processes that must be observed with planning and administration of a building or construction process.

Learning outcomes

Knowledge and understanding

For a passing grade the student must

- Describe the different stages in a construction process
- Identify and define the roles of all players at different stages of the construction process.
- Understand the construction processes relation to companies and society's economy.
- Describe the rules and regulations that affect the different stages of construction
- Explain the environmental and circular processes in the construction process.
- Identify the essential working environments aspects with respect to building or construction process.

Competences and skills

For a passing grade the student must

Apply basic methods for planning, calculation, management and organisation of a construction project

Judgement and approach

For a passing grade the student must

- Formulate and evaluate the relevant aspects of construction process.

Contents

In general the subject focuses on the construction process as a whole. Specifically the construction process concentrates on the aspects of project management, production stage, administration and working environment.

Examination details

Grading scale: TH - (U,3,4,5) - (Fail, Three, Four, Five)

Assessment: Approved written exam. The exam will be a home exam with open books.

The examiner, in consultation with Disability Support Services, may deviate from the regular form of examination in order to provide a permanently disabled student with a form of examination equivalent to that of a student without a disability.

Admission

The number of participants is limited to: No

The course overlaps following course/s: VBEA01, VBEA05

Reading list

- Hansson, B., Olander, S., Landin, A., Aulin, R., Persson, U.: Projektering Byggledning , Övningsbok. Studentlitteratur, 2017, ISBN: 978-91-44-12224-3.
- Hansson B m fl: Byggledning: Projektering. Studentlitteratur, 2015, ISBN: 978-91-44-10572-7.

Contact and other information

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Course homepage: <http://www.bekon.lth.se/utbildning/grundutbildning/>