



LUNDS UNIVERSITET
Lunds Tekniska Högskola

Course syllabus

Byggprocessen

The Construction Process, Basic Course

VBEA05, 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: Architecture.

Compulsory for: A3

Language of instruction: The course will be given in Swedish

Aim

The subject aims at imparting the students with 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 building processes from the construction perspective.
- Identify and define the key players in different stages of the construction process.
- Understand projects and project management.
- Describe the rules and regulations that affect the different stages of construction
- Explain the importance of quality and environment in the construction process.

Competences and skills

For a passing grade the student must

- Apply basic method for planning, financial analysis and organising a construction project.
- Design and evaluate a consultancy contract.

Judgement and approach

For a passing grade the student must

- Formulate and evaluate the relevant aspects of construction process.
- Understand the interaction between the architect and other actors.
- Evaluate how different forms of project delivery affect the relationship between different actors.

Contents

In general the subject focuses on the construction process as a whole. Specific focus of will be on project planning techniques, scheduling, cost control, forms of contract, financing and quality management.

Examination details

Grading scale: UG - (U,G) - (Fail, Pass)

Assessment: Approved written examination, written assignments and compulsory presence for lectures and seminars. The course includes a joint workshop which is planned and implemented together with the program boards for A, L and V. Students in courses VBEA05, VFTF10 and VBEF01 will analyze a project and for approved course active participation in the workshop is required.

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, VBEA10

Reading list

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

Contact and other information

Course coordinator: Anne Landin, anne.landin@construction.lth.se

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

Further information: Written assignment report.