

Course syllabus

Fastighetsteknik och fysisk planering

Real Estate and Physical Planning

VFTA01, 18 credits, G1 (First Cycle)

Valid for: 2023/24

Faculty: Faculty of Engineering, LTH

Decided by: PLED L

Date of Decision: 2023-04-20

General Information

Main field: Technology.

Compulsory for: L2

Language of instruction: The course will be given in Swedish

Aim

The objective of this course is to prove fundamental knowledge concerning legal, and planning prerequisites that exist when planning and modifying land use.

Learning outcomes

Knowledge and understanding

For a passing grade the student must

- Be familiar with the fundamental concepts, regulations and methods relating to physical planning, land use, and cadastral system.
- Be able to recognize and analyse typical situations and process that concern the land use, planning system and cadastral system.

Competences and skills

For a passing grade the student must

Be able to:

- Use the methods and case law concerning land and real estate as well as explain, sketch and plan the application of these norms; and

- Identify and assess connections between typical situations and problems concerning land and real property.

Judgement and approach

For a passing grade the student must

Be able to understand the need of planning and a cadastral system and how these affect the interests of both individuals and the society.

Contents

The course encompasses two main sections:

- Physical planning and implementation;
- Appropriate real estate formations

Included in the course are the fundamental concepts concerning physical planning, real estate properties, land use planning (urban and rural). The effects of different measures on real estate and changes of real estate properties and the connection between measures are examined. The course also addresses methods, practices and the development within the area of real estate and describes the significance of land for community development and the need for a satisfactory system for reporting, ownership and changes of real estate as well as the interface between real estate properties. The course takes up expropriation of land and its consequences for the property owner and the community, as well as the interplay between the property owner, governmental authorities and other actors. Both high and low density population areas are examined.

The Swedish cadastral system and its historical background are examined. The course consists of two projects - one within each section. The data program for processing and presenting geographical information together with other real estate related information are used. One field work in geodetic surveying.

Different learning forms include: literature studies, lectures, projects, assignments, seminars and study visits.

Examination details

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

Assessment: Examination through two projects, one individual minor and one final written exam. Examination requirement also includes approved seminars and exercises. Participation in field work, study tours and exercises is compulsory. The final degree is based on the results of the different exams.

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.

Parts

Code: 0114. **Name:** Written examination.

Credits: 10. **Grading scale:** UG. **Assessment:** Written examination.

Code: 0214. **Name:** Project.

Credits: 8. **Grading scale:** UG. **Assessment:** Two approved project works. **Contents:** Real Estate and Physical Planning

Admission

Admission requirements:

- VFR140 Introductory Law and Real Estate Law or VFTA05 Introductory Law and Real Estate Law

Assumed prior knowledge: VTVA01 Infrastructure Technique and VTVA05 Sustainable Construction.

The number of participants is limited to: No

The course overlaps following course/s: VFT085

Reading list

- Kalbro, T & Lindgren, E: Markexploatering, Juridik, ekonomi, teknik och organisation. Norstedts Juridik, 2018, ISBN: 9789139208464.
- Julstad, Barbro: Fastighetsindelning och markanvändning. Norstedts Juridik, 2018, ISBN: 9789139116134.
- K Adolfsson, S Boberg: Detaljplanehandboken, Handbok för detaljplanering enligt plan- och bygglagen, PBL. Norstedts Juridik, 2015, ISBN: 9789139018469.

Contact and other information

Course coordinator: Eric Norén, eric.noren@lth.lu.se

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

Further information: The Swedish cadastral system might be used.