



AI2702 Property Formation and Cadastre Mapping 9.0 credits

Property Formation and Cadastre Mapping

This is a translation of the Swedish, legally binding, course syllabus.

Establishment

Course syllabus for AI2702 valid from Autumn 2007

Grading scale

A, B, C, D, E, FX, F

Education cycle

Second cycle

Main field of study

The Built Environment

Specific prerequisites

The basic eligibility for Master's programme at KTH is a completed Bachelor's degree, equivalent to a Swedish Bachelor's degree (180 credits), from a university recognised by government or accredited by a recognised organisation. Bachelor in Land Surveying, Land Administration, Jurisprudence, Economy or Computer Science or corresponding qualifications. Applicants with bachelor (or equivalent exam) in Economics or Computer Science can only be accepted if they have at least two years of work experience within the field of land management. Sida decides from which countries we may take students and this varies a bit from year to year. At the moment, the only eligible applicants are students living in: Armenia, Bosnia-Herzegovina, Ethiopia (Amhara Region), Georgia, Kenya, Kosovo, Kyrgyz Republic, Macedonia, Moldova, Russia, Serbia, Tanzania, Tajikistan, Uganda and Ukraine. Selected

students will be required to sign a three years contract with the nominating organisation, pledging themselves to work at the organisation with implementing and development of the cadastral and land management system or as teachers at their home universities in order to build up real estate and land tenure studies there. The students are selected on the bases of tests and personal interviews taking place in their respective home countries. Between mid-January and April/May, staff from KTH will visit all the countries in the programme to test and interview students who have applied for the programme. The tests are to ensure that students know English well enough. The personal interview following the test is to ensure that the student is working in the field of land management and is aware of the tenure concept. In May, the LM-Programme Management at KTH will make a final selection. Thereafter, an "Admission Letter" as well as additional practical information concerning the studies in the LM-programme will be sent out to these students. Unsuccessful applicants, who have not been selected to the programme, will also be notified of the LM-Programme Management's decision.

Language of instruction

The language of instruction is specified in the course offering information in the course catalogue.

Intended learning outcomes

The overall objective of the course is to give the students knowledge of the legal framework concerning cadastral issues with the Swedish experience as an example.

At the end of the course the students are expected to be able to:

- Identify legal problems related to cadastral operations and understand how they are dealt with in the Swedish legislation.
- Apply mentioned rules when solving cadastral problems and argue why and how they are applicable.
- Understand basics of cartography and its use for cadastral mapping.

Course contents

The course will make the students understand the need for a legal framework for changes in the division into real property units and the basic legal rules for cooperation between property owners. It will also focus on the need for planning and the co-ordination between planning and property formation. The course enlightens the students of the concepts of different definitions of real properties. This will lead to a thorough understanding of the property formation law and its functioning. The course will strengthen the competence in distinguishing between the different methods for property formation, valuation and mortgages in property formation procedures. This also involves property definition. The students will receive basic knowledge of joint facilities and the methods to manage them. The need for utility easements is going to be discussed and also how to create them. The basics of cartography, the use of cadastral maps and different demands on accuracy will be discussed as well.

Course literature

The course literature will be posted on the course's homepage at least four weeks before the course starts.

Examination

- ÖVN1 - Exercises, 3.0 credits, grading scale: P, F
- TEN1 - Examination, 6.0 credits, grading scale: A, B, C, D, E, FX, F

Based on recommendation from KTH's coordinator for disabilities, the examiner will decide how to adapt an examination for students with documented disability.

The examiner may apply another examination format when re-examining individual students.

If the course is discontinued, students may request to be examined during the following two academic years.

Other requirements for final grade

Examination, TEN1, 6.0 credits, A-F
Exercises, ÖVN1, 3.0 credits, P/F

Ethical approach

- All members of a group are responsible for the group's work.
- In any assessment, every student shall honestly disclose any help received and sources used.
- In an oral assessment, every student shall be able to present and answer questions about the entire assignment and solution.