



# Programme syllabus

Bachelor's Programme in Real Estate and Finance  
Kandidatprogram, fastighet och finans  
*180.0 credits*

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*Valid for students admitted to the education from autumn 11 (HT - Autumn term; VT - Spring term).*

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

## Programme objectives

*Valid for students admitted to the education from autumn semester 2011*

*Current list of courses in appendix 1*

*Current descriptions of tracks in appendix 2*

Apart from the stated goals for a Bachelor of Science degree, the students should be able to reach the following targets:

### Knowledge and understanding

- To reach a level of specialized knowledge enabling the completion of advanced tasks within the field of economy, law and mathematics with a specialization towards the stated fields of work in real estate development and finance

### Skills and abilities

- To be able to develop an advanced capability of communicating verbally and orally in the stated fields of real estate development and finance industry
- To develop a capacity to follow and apply the latest findings within the real estate and finance fields, both concerning practices and relevant research.
- To be able to develop a capacity to act independently, and in groups, in translating formal knowledge into practices in the field.

### Ability to make judgements and adopt a standpoint

The bachelors program aims to provide the students with:

- a profound knowledge regarding the role of the real estate and finance industries in the overall context of building society and how the real estate industry contributes to a sustainable society.
- a deeper understanding of the perspective of the customer in both the real estate and finance industries
- a genuine knowledge regarding the implication of law and the legal infrastructure in decision-making processes in both the real estate and finance industries
- preconditions for making complex decision-making sequences with regard to relevant research and societal implications, for different types of projects within the fields of real estate and finance industries
- a capability to use their acquired knowledge in the field in order to be able to develop their own career competences and how these can be enhanced.

Complete information regarding the overall requirements for bachelors degrees can be found at <http://intra.kth.se/>

## **Extent and content of the programme**

The bachelors program consist of 180 credits, which corresponds to three years of full time study (6 semesters). The education is to be provided at the basic level.

*The language used in the program* The entire program is provided in Swedish, the literature in some of the courses is in written in English.

## **Eligibility and selection**

As admission criterias for the bachelor in Property development and Real estate agency, there is a basic requirement equalling at least Matematik D (mathematics at D-level) and Naturkunskap B (Bioscience B). Instead of Naturkunskap B the degree of Fysik B (Physics A) and Kemi A (Chemistry A) can be substituted. In each of these subjects the student need to have a grade of at least 3.

For admission criterias see <http://www.kth.se/info/>

## **Implementation of the education**

### **Structure of the education**

The study year at KTH is 40 weeks, divided into four periods. The periods are each ten weeks. Every period is followed by a week for examinations. For a detailed overview of the calendar see: <http://www.kth.se/student/> The program consists of obligatory courses in years 1-3, and a number of voluntary courses at year 3. The program is concluded by a bachelors thesis at the end of year 3, encompassing a total of ten weeks

## **Courses**

The programme is course-based. Lists of courses are included in [appendix 1](#).

## **Grading system**

Courses in the first and the second cycle are graded on a scale from A to F. A-E are passing grades, A is the highest grade. The grades pass (P) and fail (F) are used for courses under certain circumstances.

[Appendix 1 - Course list](#)

[Appendix 2 - Programme syllabus descriptions](#)



# Appendix 1: Course list

Bachelor's Programme in Real Estate and Finance (TFOFK),  
Programme syllabus for studies starting in autumn 2011

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## General courses

### Year 1

#### Mandatory courses (61.5 Credits)

Course code	Course name	Credits	Edu. level
<a href="#">AI1107</a>	<a href="#">Economics</a>	7.5 hp	First cycle
<a href="#">AI1125</a>	<a href="#">Organization and Management</a>	9.0 hp	First cycle
<a href="#">AI1126</a>	<a href="#">Introduction to the Planning and Building Process in Real Estate and Finance</a>	6.0 hp	First cycle
<a href="#">AI1550</a>	<a href="#">Introduction to Swedish law</a>	15.0 hp	First cycle
<a href="#">DD1370</a>	<a href="#">Database Technology and Information systems</a>	7.5 hp	First cycle
<a href="#">SF1611</a>	<a href="#">Introductory Course in Mathematics I</a>	1.5 hp	First cycle
<a href="#">SF1627</a>	<a href="#">Mathematics for Economists</a>	9.0 hp	First cycle
<a href="#">SF1902</a>	<a href="#">Basic Statistics and Probability Theory for Economists</a>	6.0 hp	First cycle

### Year 2

#### Mandatory courses (75.0 Credits)

Course code	Course name	Credits	Edu. level
<a href="#">AG1421</a>	<a href="#">Real Estate Information Technology</a>	7.5 hp	First cycle
<a href="#">AI1108</a>	<a href="#">Investment Analysis</a>	7.5 hp	First cycle
<a href="#">AI1142</a>	<a href="#">Financial Reporting and Analysis</a>	7.5 hp	First cycle
<a href="#">AI1143</a>	<a href="#">Real Estate Management I</a>	7.5 hp	First cycle
<a href="#">AI1144</a>	<a href="#">Fundamentals of Residential Real Estate Finance</a>	7.5 hp	First cycle
<a href="#">AI1145</a>	<a href="#">Property Management with a Financial Perspective</a>	7.5 hp	First cycle
<a href="#">AI1509</a>	<a href="#">Law of Real Estate</a>	7.5 hp	First cycle

<a href="#">AI1513</a>	<a href="#">Planning, Building and Environmental Law for Real Estate and Finance</a>	7.5 hp	First cycle
<a href="#">AI1519</a>	<a href="#">Land Law</a>	7.5 hp	First cycle
<a href="#">DD1371</a>	<a href="#">Decision Support Systems</a>	7.5 hp	First cycle

### Year 3

#### Mandatory courses (45.0 Credits)

Course code	Course name	Credits	Edu. level
<a href="#">AI1138</a>	<a href="#">Management and Ethics in Real Estate and Finance</a>	7.5 hp	First cycle
<a href="#">AI1139</a>	<a href="#">Relationship, Marketing and Market Analysis in Real Estate and Finance</a>	7.5 hp	First cycle
<a href="#">AI1170</a>	<a href="#">Relationship, Marketing and Market Analysis</a>	7.5 hp	First cycle
<a href="#">AI1171</a>	<a href="#">Management and Ethics</a>	7.5 hp	First cycle
<a href="#">AI1512</a>	<a href="#">Credit and Insolvency Law</a>	7.5 hp	First cycle
<a href="#">AI2114</a>	<a href="#">Corporate and Real Estate Taxation</a>	7.5 hp	Second cycle

#### Conditionally elective courses

Course code	Course name	Credits	Edu. level
<a href="#">AI102X</a>	<a href="#">Degree Project in Real Estate Economics, First Cycle</a>	15.0 hp	First cycle
<a href="#">AI103X</a>	<a href="#">Degree Project in Finance, First Cycle</a>	15.0 hp	First cycle
<a href="#">AI1111</a>	<a href="#">Real Estate Valuation</a>	7.5 hp	First cycle
<a href="#">AI1134</a>	<a href="#">Capital Markets and Financial Instruments</a>	7.5 hp	First cycle
<a href="#">AI1141</a>	<a href="#">Credit Risk Assessment</a>	7.5 hp	First cycle
<a href="#">AI1147</a>	<a href="#">Real Estate Valuation</a>	7.5 hp	First cycle
<a href="#">AI1514</a>	<a href="#">Applied Contract Law</a>	7.5 hp	First cycle



## Appendix 2: Specialisations

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This programme has no specialisations.