



Programme syllabus

[An accessible version of the syllabus can be found in the Course and programme directory.](#)

Bachelor's Programme in Real Estate and Finance 180 credits

Kandidatprogram, fastighet och finans

Valid for students admitted to the education from autumn 20 (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 2020-2021.

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 the built society and how the real estate industry contributes to a sustainable society.
- a deeper understanding of using the customer's perspective in both the real estate and the financial industry.
- a genuine knowledge regarding the implication of law and the legal infrastructure in decision-making processes in both the real estate and the financial industry.
- knowledge in order to make complex decisions with regard to relevant research and societal implications, for different types of projects within the real estate and financial industry.
- a capability to use their acquired knowledge in the field in order to be able to develop their own competences and how these can be enhanced.

Complete information regarding the overall requirements for bachelors' degrees can be found at KTH's website.

Extent and content of the programme

The Bachelor's program is located on the first level with a fall start. The program comprises 180 credits, which in normal tempo corresponds to 3 years of full time study (6 semesters). In year 2 and 3 it is possible to read one or more advanced courses, where the final degree project is included. The program leads to a Bachelor degree.

The language of instruction is in Swedish, although there may be literature/teaching activities in English.

Eligibility and selection

To be eligible for KTH courses at undergraduate/ graduate level requires basic eligibility, according to the Higher Education Ordinance. In addition the following specific entrance requirements for admission to the program met; Matematik 3C (mathematics at D-level), Fysik 1 (1a or 1b1 and 1b2) and Kemi 1. Fysik 1 and Kemi 1 can be substituted for Naturkunskap 2. In each of these subjects the student need to have a grade of at least “godkänd” or 3.

Selection

For eligibility requirements and selection criteria, please refer to KTH regulations.

Implementation of the education

Structure 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 KTH website. The programme consists of mandatory 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.

Information regarding the scale found in the curriculum.

Conditions for participation in the programme

Participation requires admission to courses within the programme and course registration. Course registration is done via the personal menu at www.kth.se

For students starting education from the autumn semester 2018, previous promotion requirements have been replaced with special admission requirements to course. Admission requirements are specified in the course syllabus.

Recognition of previous academic studies

Students are able to apply to receive credit for the results of the course/courses at another college/university within the country or abroad.

For more information please refer to KTH's regulations and program's student guidance counselling.

Studies abroad

There are opportunities within the program for student exchange under existing agreements.

For more information and recommendation on the appropriate semester for exchange refer to the program's international administrators.

Degree project

The training includes a degree equivalent to a 15-credit course. This means 10 weeks of full time studies.

The degree project is the final part of the education. The project work may start when special admission requirements for the course are met.

For the thesis, special rules apply:

- The work may not begin before the task approved by the examiner and notification of special application form. Examiner is responsible for ensuring the student has sufficient knowledge for the selected task.
- The supervisor is appointed by the examiner.
- For information regarding the grading scale on the degree project refer to the syllabus.

More information on the current degree bachelor programs see KTH regulations.

Degree

Students who have fulfilled all the requirements in the Bachelor's programme (180 ECTS) will be awarded the "Degree of Bachelor of Science (180 credits)". In order to gain a degree at least 25 credits need to concern mathematical or bioscience subjects (naturvetenskapliga ämnen), and at least 90 credits including a completed bachelor's thesis within the main subject. An application for the degree certificate should be submitted to the Student Counselors Office.

For more information, please refer to the KTH regulations.

To obtain the degree, students will apply for a diploma through web service in personal menu.

There is more information about the degree on KTH's regulations.

Appendix 1 - Course list

Appendix 2 - Programme syllabus descriptions



Appendix 1: Course list

Bachelor's Programme in Real Estate and Finance (TFOFK)

General courses

Year 1

Mandatory courses (60.0 Credits)

Code	Name	Credits	Edu. level
AI1125	Organization and Management	9.0 hp	First cycle
AI1126	Introduction to the Planning and Building Process in Real Estate and Finance	6.0 hp	First cycle
AI1128	Economics of the Built Environment	7.5 hp	First cycle
AI1175	Basic Statistics for Economists	7.5 hp	First cycle
AI1178	Applied Mathematics and Statistics for Economists	6.0 hp	First cycle
AI1550	Introduction to Swedish law	15.0 hp	First cycle
SF1627	Mathematics for Economists	9.0 hp	First cycle

Optional courses

Code	Name	Credits	Edu. level
SF0003	Introductory Course in Mathematics	1.5 fup	Pre-university level

Year 2

Mandatory courses (60.0 Credits)

Code	Name	Credits	Edu. level
AG1421	Real Estate Information Technology	7.5 hp	First cycle
AI1108	Investment Analysis	7.5 hp	First cycle
AI1142	Financial Reporting and Analysis	7.5 hp	First cycle
AI1144	Fundamentals of Residential Real Estate Finance	7.5 hp	First cycle
AI1177	Financial Econometrics	7.5 hp	First cycle
AI1179	Corporate and Real Estate Taxation <i>Exchange AI2114</i>	7.5 hp	First cycle
AI1509	Law of Real Estate	7.5 hp	First cycle
AI1512	Credit and Insolvency Law	7.5 hp	First cycle

Year 3

Mandatory courses (30.0 Credits)

Code	Name	Credits	Edu. level
AI1145	Property Management with a Financial Perspective	7.5 hp	First cycle
AI1170	Relationship, Marketing and Market Analysis	7.5 hp	First cycle
AI1171	Management and Ethics	7.5 hp	First cycle
AI1519	Land Law	7.5 hp	First cycle

Conditionally elective courses

Code	Name	Credits	Edu. level
AI105X	Degree Project in Finance, First Cycle	15.0 hp	First cycle
AI107X	Degree Project in Real Estate Economics, First Cycle	15.0 hp	First cycle
AI1134	Capital Markets and Financial Instruments	7.5 hp	First cycle
AI1141	Credit Risk Assessment	7.5 hp	First cycle
AI1147	Real Estate Valuation	7.5 hp	First cycle



Appendix 2: Specialisations

Bachelor's Programme in Real Estate and Finance (TFOFK)

This programme has no specialisations.