



Utbildningsplan

En tillgänglighetsanpassad version av utbildningsplanen finns i Kurs- och programkatalogen.

Masterprogram, urban planering och design 120 hp

Master's Programme, Urban Planning and Design

Gäller för antagna till utbildningen fr o m HT08.

Utbildningens mål

In addition to the general objectives for Masters programmes as stated in the national degree ordinance and the local degree policy of KTH, specific learning outcomes are defined for the Masters programme Urban Planning and Design.

Kunskap och förståelse

After completing the programme requirements students shall:

- Comprehend more clearly the relation between theory and practice in urban planning and design and the plethora of disciplines involved in bridging architecture and planning on micro and meso scales.
- Have good knowledge and understanding of problems that arise in creating and maintaining environments for urban activities as well as approaches and methods of urban planning and design in helping to cope with such problems.

- Have good knowledge and understanding of various contemporary approaches and trends to everyday urbanism problems in cities and suburban areas
- Have sound knowledge on the processes that determine urban change, the actors that are involved, and the aesthetical, social, economic and environmental determinants that contribute to a sustainable society.
- Understand theoretically and practically the complexities of urban design issues in not just designing but also retrofitting suburban, town or central urban areas.

Färdigheter och förmågor

After completing the programme requirements students shall:

- Understand theoretically and practically the complexities of spatial planning and urban design issues and relate them to their social, economical, environmental, political context
- Be able to carry out advanced studies on current problems, opportunities and future needs in the field of planning and urban design at the local, national and international level
- Have advanced skills of studio work in order to comprehend major urban issues both as end users and as researchers and technical experts.
- Ability to apply concepts, tools and theoretical approaches in the process of design and planning. Be able to carry out analyses on current trends and future needs related to urban planning and design.

Värderingsförmåga och förhållningssätt

After completing the programme requirements students shall be able to:

- Analyse the merits of theoretical concepts, policies, plans and projects based on a comprehensive assessment
- Detect the implicit assumptions in theoretical and societal views on urban planning problems
- Contextualise design objectives and policies in different timely, cultural and institutional backgrounds
- Develop their own opinion on the nature and manner of dealing with new planning and design problems

Utbildningens omfattning och innehåll

The Masters programme Urban Planning and Design counts 120 hp and consists of three terms of coursework and one term for the Degree project, together 2 years. The programme focuses on the aesthetic and functional issues related to urban development

The course-work encompasses a substantial share of studios and projects that aim to train students practical skills in planning and urban design and to gain a better understanding of planning practice.

The programme consists of 120hp of courses at advanced (2nd cycle) level; half of these (60hp among these the Degree project) The language of instruction in all courses is English.

Behörighet och urval

General admission requirements

The general admission requirements are the same for all programmes General admission requirements (<http://www.kth.se/studies/master/application?l=en>)

Specific admission requirements

The specific requirements may be assessed as not fulfilled if

1. the average grade is in the lower third on the grading scale used (above pass level)
2. the degree awarding institution is not considered to meet acceptable quality standards by the authorities of the country in which the institution is located
3. the degree does not qualify for admission to equivalent Master level in the country where the degree is awarded

The specific admission requirement for the Master's programme Urban Planning and Design is a Bachelor degree in architecture, planning or landscape architecture is required.

The selection process for the Masters programme Urban Planning and Design is based on a total evaluation of the following selection criteria: university, GPA, thesis proposal and working experiences.

Utbildningens genomförande

Utbildningens upplägg

The academic year covers 40 weeks, starting in September divided into two terms, which each consists of two study periods (KTH-Handbook 2, Flap 4.2). Each study period concludes with a regular examination period of at least one week. If no exams are scheduled, the regular examination period can be used for seminars and concluding studios.

The Programme begins with the pillars of urban planning and design, a group of courses that provides a thorough introduction to the knowledge area of urban planning and design, related to theory building, analysis tools and practical applications. Courses are developed in a stringent sequence of urban design studios that are integrated with academic courses in theory, history, methodology, analysis and practice.

The Programme continues with components and compositions in urban planning and design, a number of selected courses where implementation and process is combined with in-depth studies in different material and appraisal aspects of urban design and planning.

The term is concentrated around groupwork in studios with the further analysis and design of selected projects in given locations, with appreciation for the nuances of specific places, cultures and environments. The Programme is furthermore deepened by analysis and synthesis in urban planning and design, the final courses that deal with different studio projects where the first has a clear concentration on analysis and the second on synthesis.

The aim is that the first project will be a theoretical in-depth study that introduces students to knowledge development within urban planning and design i.e. a preparation for research. The core of the second project lies in the practical in-depth study in the form of synthesized plan solutions in a complex urban design setting.

The programme concludes with a Degree project in which students address selected problems in Urban Planning and Urban Design.

Kurser

Utbildningen sker i kursform. Kurslistor finns i bilaga 1.

Betygssystem

För kurser på KTH används en sjugradig målrelaterad betygsskala A-F som slutbetyg för kurser på grundnivå och avancerad nivå. A-E är godkända betyg med A som högsta betyg. Betygen godkänd (P) och underkänd (F) används som slutbetyg då särskilda skäl föreligger.

Villkor för deltagande i utbildningen

Students who have been admitted to the programme have to attend the registration meeting in order to enroll for the programme. If a student is not able to attend the registration meeting for reasons beyond his/her control he/she should register not later than two weeks after the start of the courses.

After registration in the programme students will be registered for term 1 and 2. For registration in term 3 students should have completed at least 45hp.

For registration in term 4 students should have completed at least 67,5 hp of the compulsory courses.

Through signing the attendance list during the first week of the course, students will be registered for the course. If a student for reasons beyond his/her control is not able to attend during the first week he/she has to contact the course administrator.

Conditions for being promoted to the next level

For studies in study year 2: At least 45 higher education credits from study year 1 must be completed by the exam period in August. Students which have not fulfilled this requirement must set up an individual study plan. The main goal with the study plan is that the student should complete the remaining courses during the next study year. In the study plan, the remaining elements and also suitable courses from the next study year are included. Special regard should be taken to the courses prerequisites.

Tillgodoräknanden

The Royal Institute of Technology has a policy for recognising previous academic studies. The decision on recognising documented results from similar education at other universities is taken by the vice dean of education at the School of Architecture and the Built Environment upon application by the student.

Utlandsstudier

The programme offers no opportunities for studies abroad except for the Master's Degree project where the student can choose to carry out a study at an organization outside Sweden. However, the School of Architecture and the Built Environment has no resources to provide support so the student should make such arrangements.

Examensarbete

The Degree project comprises 30hp and provides students with the opportunity to investigate a problem in depth under the supervision of experienced practitioners and researchers.

For registration of the Degree project students should have completed at least 67,5 hp of the compulsory courses. Students can choose between either a Degree project in Architecture or Regional Planning.

If a student intends to carry out a Degree project within another field of studies, he/she should apply for exemption from the vice dean of education

The Degree project is graded on a scale A-F, where A-E are passing grades with A as the highest grade. Guidelines concerning the grading of Degree projects are to be developed.

Examen

Students who have fulfilled all course requirements in the Master's programme (120 ECTS) will be awarded a "Teknologie masterexamen", translated into English as "Degree of Master of Science (two years)".

An application for the degree certificate should be submitted to the programme coordinator, together with a copy of a student union card, copy of receipts or a certificate from the student union office, and an attested photocopy of the previous university degree (B.Sc. or a B. Eng, or equivalent). The degree certificate will be mailed to the student's permanent address by registered mail.

Please note that this degree do not correspond to the Swedish degree "Civilingenjör".

Bilaga 1 - Kurslista

Bilaga 2 - Inriktningsbeskrivningar



Bilaga 1: Kurslista

Masterprogram, urban planering och design
(TUPDM)

Gemensamma kurser

Årskurs 1

Obligatoriska kurser (60,0 Högskolepoäng)

Kurskod	Namn	Omfattning	Utbildningsnivå
AD2810	Concepts and Tools in Urban Analysis	7,5 hp	Avancerad nivå
AD2815	Public Places and Spaces	7,5 hp	Avancerad nivå
AD2820	Structural Components in Urban Planning and Design	15,0 hp	Avancerad nivå
AD2835	Stockholm Urban Lab II	7,5 hp	Avancerad nivå
AG2108	Urban Theory, Advanced Course	7,5 hp	Avancerad nivå
AG2109	Planning Theory, Advanced Course	7,5 hp	Avancerad nivå
AG2123	Stockholm Urban Lab I	7,5 hp	Avancerad nivå

Årskurs 2

Obligatoriska kurser (82,5 Högskolepoäng)

Kurskod	Namn	Omfattning	Utbildningsnivå
AD2UPX	Examensarbete inom stadsplanering och design, avancerad nivå	30,0 hp	Avancerad nivå
AG210X	Examensarbete inom regional planering, avancerad nivå	30,0 hp	Avancerad nivå
AG2115	Contemporary Trends in Urban Planning and Design	15,0 hp	Avancerad nivå
AG2118	Research Methodology and Scientific Writing for Architects and Planners	3,0 hp	Avancerad nivå
AK2032	Vetenskapsteori och vetenskaplig metodik (samhällsvetenskap)	4,5 hp	Avancerad nivå

Villkorligt valfria kurser

Kurskod	Namn	Omfattning	Utbildningsnivå
AG2120	Social and Cultural Issues in Planning	7,5 hp	Avancerad nivå
AG2147	Sustainable Urbanism and Green Metropolitan City Regions	7,5 hp	Avancerad nivå
AG2501	Human Settlements and Housing	7,5 hp	Avancerad nivå
AI2105	Urban and Regional Economics	7,5 hp	Avancerad nivå



Bilaga 2: Inriktningar

Masterprogram, urban planering och design (TUPDM)

Programmet har inga inriktningar.