



Utbildningsplan

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

Masterprogram, hållbar samhällsplanering och stadsutformning 120 hp

Master's Programme, Sustainable Urban Planning and Design

Gäller för antagna till utbildningen fr o m HT14.

Utbildningens mål

The information is valid for students who started the program academic year 2014/2015. Later decisions may affect year 2 in the program. Please look at www.kth.se/studies?l=en_UK for further information.

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 Sustainable Urban Planning and Design. After completing the programme requirements students shall:

Kunskap och förståelse

- Be acquainted with the theoretical foundations and present developments within urban and regional planning, architecture and urban design as well as environmental sciences.
- Have a sound knowledge on processes that determine urban change and regional development, the actors that are involved in these processes, and the aesthetical, social, economic, institutional and environmental determinants that contribute to sustainable development
- Have a deep understanding of the tools and methods that can be applied to analyse the current status of cities and regions, and the prerequisites for future change.
- Comprehend the relation between theory and practice in planning and urban design, and the connections to other disciplines involved in urban and regional development on the local, regional and global level.

Färdigheter och förmågor

- Be able to assess and handle complexities of urban development in a local and regional perspective and relate them to their social, economic, environmental and political context.
- Be able to carry out advanced studies on contemporary problems, opportunities and future wants and needs, and by that contribute to the development of the field of knowledge.
- Be able to apply the aforementioned knowledge and skills in design, analysis and synthesis in urban development planning practice.

Värderingsförmåga och förhållningssätt

- Analyse the merits of theoretical concepts, policies, plans and projects.
- Be able to detect implicit normative assumptions that determine different perspectives on planning problems
- Be able to contextualise plans, concepts and policies in different temporal, cultural and institutional backgrounds.
- Be able to reflect critically on the nature and manner of dealing with impending planning problems.

Communication

- Be able to make effective oral and written presentations of complex tasks in urban design, planning and environmental issues.
- Be able to convey own results and others viewpoints in a coherent and qualitative way through drawings, sketches, essays and oral presentations.
- Be able to use modern communication techniques and tools to illustrate and visualise plans, concepts and strategies.

- Be able to organise and lead multi-disciplinary groups with experts and contribute to the outcome of the working task.

Learning

- Be able to track developments within the discipline and analyse how these will affect planning practice.
- Be able to define needs for learning opportunities in order to improve professional capacity.

Utbildningens omfattning och innehåll

The Masters programme Sustainable 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 course-work encompasses a substantial share of studios and projects that aim at training students' practical skills in planning and urban design and at gaining a better understanding of planning practice. All courses in the programme are at advanced (2nd cycle) level. The language of instruction is English.

The programme offers three profiles, Urban Planning and Design (UPD), Urban and Regional Planning (URP) and Environment and Planning (EP). The three profiles are recommended combinations of courses which represent separate professional competences that are involved in urban planning and regional development. By merging these professional competences into one programme, graduates acquire a comprehensive understanding of the planning process, the actors involved, and the aesthetical, social, economic, institutional and environmental determinants that contribute to the development of a sustainable society.

Behörighet och urval

The general admission requirement for masters programmes at KTH is a completed Bachelor's degree, equivalent to a Swedish Bachelor's degree (180 ECTS), or equivalent academic qualifications from an internationally recognised university. Students in their final year of their undergraduate education may also apply and if qualified, receive a conditional acceptance. In addition, applicant must provide a proof of their proficiency in English. KTH accepts a TOEFL paper-based test: total result of 575 (written test, minimum grade 4.5), Internet-based test: total result of 90 (written test, minimum grade 20) or an IELTS score of at least 6.5, no band lower than 5.5 (only Academic Training accepted). English proficiency tests are waived for applicants with English as language of instruction (minimum 3 years of full-time higher education studies).

The specific admission requirement for students that apply for the programme Sustainable Urban Planning and Design is a completed Bachelor's degree in architecture or landscape architecture, civil engineering in the built environment, energy and environment or equivalent, urban and regional planning, social or natural sciences relevant to the scope of the programme. The previous study should comprise at least 30 ECTS in the field of urban design, urban, transport or regional planning, national/ regional economy or environmental sciences.

The selection process for the Masters programme Sustainable Urban Planning and Design is based on a total evaluation of the following selection criteria: university, grade point average (GPA), relevant academic courses, motivation letter and working experience. For students with a degree in architecture or landscape architecture, the portfolio is considered in the selection process.

Admission to the programme does not involve that each student is eligible to register for all courses within the programme. Some of the courses have specific pre-requisites which either relate to other courses within the master programme or to the student's previous studies. However, all students are offered combinations of courses which correspond to full-time studies in each semester.

Utbildningens genomförande

Utbildningens upplägg

The academic year is 40 weeks and is divided into two semesters, autumn and spring. Each semester consists of two study periods.

For information on the extent of the school year, the exam and re-examination periods perioder cited <http://www.kth.se/student/schema>.

The first term starts with the mandatory course Sustainable Planning and Design, in which practices for sustainable urban development are explored and Stockholm as field of studies for urban planning and design is studied. In the second period a number of primary courses are offered which provide core knowledge for the profiles. The second and third term comprise courses that provide students with deeper knowledge and skills that prepare students for their Degree project and professional career. Urban Planning and Design (UPD) includes a series of studios in which students practice their design skills. Urban and Regional Planning (URP) offers courses with a focus on analysis, conceptualisation and implementation of development potentials for cities and regions. Environment and Planning (EP) also offers courses with a focus on analysis, conceptualisation and implementation, but in the field of environmental policy making, planning, scenario building or sustainability assessments. The third term includes an interdisciplinary project in which students apply the skills and knowledge that are gained in the programme. The programme concludes with a Master's Degree project in which students address selected problems within the scope of the programme.

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.

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.

Villkor för deltagande i utbildningen

A prerequisite for studying at KTH is that every term, students must enrol in their courses and register for the term.

Registration for courses requires course selection in LADOK (student registry). Course selection is done either through the course selection web application or through the student's educational office. After admission, Students should register themselves within one week after course start. Students wishing to drop the course should notify the department that is giving the course.

Tillgodoräknanden

Students may request to be given credit for a course/courses from another college/university within or outside Sweden. KTH's policy for recognising previous academic studies is available in full in KTH's regulations at www.kth.se.

Utlandsstudier

The ABE school has a well-developed network of student exchange programmes with leading seats of learning inside and outside Europe. As part of the programme there are opportunities for exchange under existing agreements. Term 3 is particularly recommended for this purpose.

For more information, refer to KTH's regulations at <http://intra.kth.se/regelverk/utbildning-forskning/grundutbildning/utbytesstudier>.

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. The programme offers degree projects within three alternative fields of studies; Urban Planning and Design, Urban and Regional Planning, and Environmental Strategic Analysis. If a student intends to carry out a degree project within another field of studies, he/she should apply for exemption.

The degree project is graded on a scale A-F, where A-E are passing grades with A as the highest grade. The grading of degree projects is based on an overall assessment of working process, scientific contents and presentation.

Examen

To obtain the master's degree students must have passed courses of at least 120 higher education credits, of which the following must be included:

- at least 90 ECTS at advanced level including mandatory and conditionally elective courses and a 30-credit degree project within the master programme

In addition is allowed:

- a maximum of 15 ECTS from courses in any engineering area at basic or advanced level
- a maximum of 15 ECTS of entirely elective courses

In the event that the master's program is a final part of the degree programme in Civil Engineering and Urban Management or of the degree programme in Energy and Environment, there may be additional requirements according to the corresponding study programmes. For example, a master of science degree in the above degree programmes should include mathematics and science subjects for a minimum of 45 higher education credits.

Information on processing and which documents must be submitted for the application is available under the link: <http://www.kth.se/student/examen>.

Bilaga 1 - Kurslista

Bilaga 2 - Inriktningsbeskrivningar



Bilaga 1: Kurslista

Masterprogram, hållbar samhällsplanering och stadsutformning (THSSM)

Gemensamma kurser

Årskurs 1

Obligatoriska kurser (22,5 Högskolepoäng)

Kurskod	Namn	Omfattning	Utbildningsnivå
AG2126	Vetenskapsteori och forskningsmetod för studier om planering och urban design	7,5 hp	Avancerad nivå
AG2805	Planering och design för hållbar stadsutveckling	15,0 hp	Avancerad nivå

Villkorligt valfria kurser

Kurskod	Namn	Omfattning	Utbildningsnivå
AD2862	Hållbar stadsplanering och stadsbyggnad studio 1.2- Situationer	15,0 hp	Avancerad nivå
AD2865	Introduktionskurs i urbanekonomi	7,5 hp	Avancerad nivå
AD2867	Hållbar stadsplanering och stadsbyggnad studio 1.1- Texturer	15,0 hp	Avancerad nivå
AE2507	Strategisk miljöbedömning	7,5 hp	Avancerad nivå
AG2116	City Networks in Regional Contexts	7,5 hp	Avancerad nivå
AG2127	Teorier om planering och Urban Governance	7,5 hp	Avancerad nivå
AG2128	Stadsutveckling och planering	7,5 hp	Avancerad nivå
AG2171	Futures Studies and Forecasts	7,5 hp	Avancerad nivå
AG2804	Transporter, kommunikationer och hållbar utveckling	7,5 hp	Avancerad nivå
AG2806	Bebyggelsens miljöpåverkan	7,5 hp	Avancerad nivå

Årskurs 2

Obligatoriska kurser (60,0 Högskolepoäng)

Kurskod	Namn	Omfattning	Utbildningsnivå
AD2EXU	Examensarbete inom stadsplanering och design, avancerad nivå <i>kursen kan bytas ut mot AD2UPX med betygsskala A-F</i>	30,0 hp	Avancerad nivå
AG212X	Examensarbete inom urban och regional planering, avancerad nivå <i>kursen kan bytas ut mot AG211X med betygsskala A-F</i>	30,0 hp	Avancerad nivå

Villkorligt valfria kurser

Kurskod	Namn	Omfattning	Utbildningsnivå
AD2863	Hållbar stadsplanering och stadsbyggnad studio 2.1- Urbana Ekologier	22,5 hp	Avancerad nivå
AG2129	Projekt hållbar stadsplanering - strategier för urban och regional utveckling	15,0 hp	Avancerad nivå
AG2130	Tillämpad urban och regional analys	7,5 hp	Avancerad nivå
AG2134	Nutida urban teori, avancerad kurs	7,5 hp	Avancerad nivå
AG2803	Ecosystem Support and Environmental Justice	7,5 hp	Avancerad nivå
AG2809	Projekt hållbar stadsplanering - miljöbedömning, planer och processer	15,0 hp	Avancerad nivå
AG2811	Planering för resiliens	7,5 hp	Avancerad nivå
AL250X	Examensarbete inom strategier för hållbar utveckling, avancerad nivå <i>kursen kan bytas ut mot AG280X med betygsskala A-F</i>	30,0 hp	Avancerad nivå

Kompletterande information

Rektor beslutar att från och med 2015-07-01 skall betygen godkänd (P) och underkänd (F) användas för examensarbeten. Student som påbörjat studier 2007-07-01 – 2015-06-30 kan anmäla att han/hon vill utföra examensarbete med betygsskala A-F. En sådan anmälan ska göras innan registrering görs på kursen och kursen påbörjas.



Bilaga 2: Inriktningar

Masterprogram, hållbar samhällsplanering och stadsutformning (THSSM)

Programmet har inga inriktningar.