



AG2122 Stockholm Urban Lab I

7,5 hp

Stockholm Urban Lab I

Fastställande

Kursplan för AG2122 gäller från och med HT08

Betygsskala

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

Utbildningsnivå

Avancerad nivå

Huvudområden

Samhällsbyggnad

Särskild behörighet

Tre år (180hp) i arkitektur, stadsbyggnad, samhällsplanering eller landskaps arkitektur

Undervisningsspråk

Undervisningsspråk anges i kurstillfällesinformationen i kurs- och programkatalogen.

Lärandemål

- Demonstrate a general understanding of the complexities and crucial issues of urban development, green urbanism, city planning and management within the micro, meso and macro regions.
- To use the Google Earth and SketchUp software in a comprehensive way.
- Give formal and personal presentations of an urgent urban problem or solution that they have formulated.
- Build a common knowledge base pool with other students in the course and to share global urban experiences and personal insights within the studio modules and various groups.
- Start working with experimental design proposals in complicated settings – and make “performance based” evaluations of other students work.
- Produce knowledge based analysis and design proposals for areas in greater Stockholm, which are suitable for development or re-development.
- Describe and tackle the negative aspects of climate change through rampant urban development, sprawl, energy waste, pollution, uncontrolled urbanization and migration and lack of sustainable planning & design.
- Critically analyze the present urban situation in Stockholm, such as questions dealing with transportation, economics, ecology, physical form and social aspects.

Kursinnehåll

Being the first course in the UPD program, it relies heavily on students’ own capacity and knowledge – in both design and presentation skills. The mix of international students is imperative for an approach of global urban understanding and to form the base of activities in which “The world comes to Stockholm and local (Swedish) students introduces students from all over the world to Stockholm. A number of study visits are included in the course, primarily in the larger Stockholm region, to create a common knowledge and reference point for student assignments, analysis and seminars. The objective of the first part of the course is to offer a dynamic update of the state of urban reality today, based on the students own experience and (if applicable) previous studies in architecture and urbanism as well as staff’s expertise and joint work in studio modules.

Kursupplägg

Students will present and analyze urban situations from all over the world, and compare with the Swedish situation. The course will also, via literature seminars and discussion of key readings, advance a framework within in which urban design is integrated into the realm of global urbanism. In the second part of the course, the focus is on analysis of and production of a re-design of a larger urban situation in greater Stockholm. To implement the learning paradigm of the UPD program, based on the concept of “performance based design” extended time and work is assigned to the evaluation and testing of students final design proposals, after the completion of assigned work tasks – proposals will be evaluated both from a technical/scientific point of view and from a subjective/user friendliness point of view.

Kurslitteratur

Farr, Douglas (2007), Sustainable Urbanism: Urban Design with Nature. John Wiley & Sons: New Jersey.
Malcolm Moor and Jon Rowland (Editors) (2005) Urban Design Futures, London: Routledge
David Walters and Linda Luise Brown (2004), Design First: Design-based Planning for Communities. Architectural Press/Elsevier: Amsterdam
Jack Williams, Stanley Brunn and Donald Zeigler (with Peter Hall) (2003) (Editors) Cities of the World: World Regional Development, Rowman & Littlefield: Oxford
Haas, Tigran (Editor) (2008) New Urbanism & Beyond: Designing Cities for the Future, Rizzoli: New York

Examination

- SEM1 - Workshop, Seminar, 2,5 hp, betygsskala: A, B, C, D, E, FX, F
- PRO1 - Project work, 4,5 hp, betygsskala: A, B, C, D, E, FX, F
- NÄR1 - Attendance, 0,5 hp, betygsskala: P, F

Examinator beslutar, baserat på rekommendation från KTH:s handläggare av stöd till studenter med funktionsnedsättning, om eventuell anpassad examination för studenter med dokumenterad, varaktig funktionsnedsättning.

Examinator får medge annan examinationsform vid omexamination av enstaka studenter.

När kurs inte längre ges har student möjlighet att examineras under ytterligare två läsår.

Övriga krav för slutbetyg

Attendance (NÄR1; 0,5 credit) Project work (PRO1; 4,5 credits) and Workshop, Seminar (SEM1; 2,5 credits)

Etiskt förhållningssätt

- Vid grupparbete har alla i gruppen ansvar för gruppens arbete.
- Vid examination ska varje student ärligt redovisa hjälp som erhållits och källor som använts.
- Vid muntlig examination ska varje student kunna redogöra för hela uppgiften och hela lösningen.