



# AG2135 Utmaningar för storstadsregioner 7,5 hp

Challenges for Metropolitan Urban Regions

## Fastställande

Kursplan för AG2135 gäller från och med HT13

## Betygsskala

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

## Utbildningsnivå

Avancerad nivå

## Huvudområden

Samhällsbyggnad

## Särskild behörighet

Three years of university studies in urban planning, regional development, architecture, urban sociology, human geography, physical and town planning, urban design or similiar. Permission of Instructor.

## Undervisningsspråk

Undervisningsspråk anges i kurstillfällesinformationen i kurs- och programkatalogen.

# Lärandemål

After completing the course requirements, students should be able:

- To examine competing paradigms and discourses of postmodern city planning and design and develop critical understanding of the processes of rapid urban change in contemporary metropolitan cities.
- To demonstrate a deeper understanding of the complexities and crucial issues within urban development and city planning of metropolitan regions through the exploration of design strategies and spatial practices considering the needs for social, economic and environmental sustainability.
- To critically analyze the synergy of transportation, economics, ecology, urban forms and social aspects in the planning and management of metropolitan city regions from micro, meso to macro levels.
- To describe and propose solutions for tackling the negative aspects of urbanization in cities demonstrated through rampant urban development, energy inefficiency, weak infrastructure systems, automobile dependency, uncontrolled sprawl, pollution, resource scarcity, housing shortage, crime and other related issues.

# Kursinnehåll

The objective of this course is to provide students with an active learning experience during which they will acquire both theoretical and practical knowledge in the realm of urban planning and design, regional development and urban sociology. The aim of the course is to assist planners, architects, urban designers, civil engineers and human geographers, to understand the concepts, skills, and strategies that are needed in dealing with contemporary cities, i.e. global metropolitan regions faced with increasingly complex challenges as well as opportunities but also converging crises ranging from climate change, economic crisis, urbanization to growing diversity and movement of people. This course aims to develop skills, through various course modules, for addressing metropolitan structural changes and for exploring strategies that will make a difference both at the city and on a regional scale. Both European/Nordic and non-EU (American, African and Asian) situations and cases are studied. An investigation of these will not only address site-scale planning & design issues but also it will cover in depth the broader social, ecological, cultural and political processes that dynamically shape our urban spaces, landscapes, and people's everyday lives and experiences. The course "Challenges for Metropolitan Urban Regions" sets out to examine the multiple, multifaceted and competing forces that influence the (place) making of contemporary metropolitan cityscapes.

# Kursupplägg

The course is organized into several modules. The modules are intended to share the context of the issues, advance a number of models, and share best principles and practices. Aside from allocated readings for seminars and talks, the course project will be done individually or in teams (depending on class size). The form of the project can be empirical, data-based, in essay form or experiential and visual.

A plethora of methods and topics will be encouraged and maximum flexibility for creativity, critical thinking and innovation will be permitted. The aim to apply knowledge gained from

the course discussions, talks and readings to a “real world” understanding of metropolitan city and region planning and development in context.

## Kurslitteratur

Richard T. LeGates and Frederic Stout. 2011. City Reader (Routledge Urban Reader Series) 5th edition, London: Routledge

Haas, T. 2012. Sustainable Urbanism & Beyond: Rethinking Cities for the Future, New York: Rizzoli

Edgar Pieterse. 2008. City Futures: Confronting the Crisis of Urban Development, London: Zed Books

Mike Jenks, Daniel Kozak and Pattaranan Takkanon. 2008. World Cities and Urban Form: Fragmented, Polycentric, Sustainable? London: Routledge

## Examination

- PRO1 - Individuellt projekt, 5,0 hp, betygsskala: A, B, C, D, E, FX, F
- ÖVN2 - Seminarier och workshops, 2,5 hp, betygsskala: A, B, C, D, E, FX, 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

Individual Project Work (PRO1; 5.0 credits)

Seminars, Workshops, Lectures (ÖVN2; 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.