



AG2143 Sustainable Rural and Urban Development 7,5 hp

Sustainable Rural and Urban Development

Fastställande

Kursplan för AG2143 gäller från och med HT18

Betygsskala

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

Utbildningsnivå

Avancerad nivå

Huvudområden

Samhällsbyggnad

Särskild behörighet

A Bachelor's degree in architecture or landscape architecture, civil engineering in the built environment or equivalent, urban and regional planning or social sciences including courses corresponding to a minimum of 30 ECTS credits in the field of urban, transport or regional planning and economics, geoinformatics or environmental sciences. In addition ** documented proficiency in English B or equivalent (TOEFL, IELTS e g).

Undervisningsspråk

Undervisningsspråk anges i kurstillfällesinformationen i kurs- och programkatalogen.

Lärandemål

Deepening the students' knowledge and exploring opportunities in contributing to the field of sustainable rural and urban development within a global context

By the end of the course, students shall be able to:

- define key concepts such as Urbanization, Rural-Urban Linkages, Urban Sprawl, Urban-Rural Planning, Urban Agriculture, Food Security, Enabling Development Strategy and Sustainable City;
- Evaluate the rural-urban linkages in relation to socio-economic and environmental aspects of the sustainable development;
- Explain types of contemporary natural disasters related to climate change and discuss the different challenges that society faces before, during and after a disaster in urban and rural settings;
- Explain the complexity of a 'city' through analysing the interconnectedness of its socio-economic, environmental and political aspects and their influence on the urban living conditions.
- Analyse the impacts of poverty, gender aspect and citizens participation on sustainable development.
- Demonstrate through practical examples the urban/rural linkages and the diverse views of different actors from the built environment.

Kursinnehåll

The course applies an integrated approach of theoretical and practical knowledge on sustainable development on various levels of influence with a special focus on rural and urban development. It starts with a review of basic concepts, ideologies, approaches and conventions as well as agencies in relation to urbanisation and sustainability issues in a global perspective. A deeper understanding of the sustainable development problematic is achieved through familiarisation with crosscutting issues such as poverty, gender and citizens participation. This is followed by a critical analysis of development strategies and policies applied in various countries, highlighting their potentials as well as shortcomings.

The second step concerns discussion on various concepts, policies and strategies related to sustainable rural and urban development on national and local levels. The discussion shall include the nature of rural-urban linkages in addition to possibilities and hindrances towards sustainable urban and rural development, i.e. urban interface, urban agriculture, environmental burdens and disaster risk and resilience.

The course is organized around interactive exchanges by external experts, staff and students in focused discussion on international development policies and strategies and sustainable rural and urban development. This requires students to actively prepare in advance and take part in at least 75% of the lectures. In addition students are going to work on literature review (individual) and development project (groupwork), a project for change which is introduced in this course as a pedagogic tool to discuss both vertical and horizontal links engaged in global development strategies and how such strategies are interpreted into actions in local contexts, where the situational settings vary in line with socio-economic, political and environmental conditions as well as availability of natural resources and financial require-

ments. Literature semi-nar and plenums on development project are compulsory. Substantive literature review is a vital pre-condition in preparation for meaningful discussion in seminar and group work on the development projects.

Kurslitteratur

Students are to read selected articles, which may include some of the following literatures. Additional literature may also be provided for further reading.

- Dalal-Clayto, B., Dent, D. and Dubois, O. 2003: Rural Planning in Developing Countries: Supporting Natural Resource Management and Sustainable Livelihoods. iied. Earthscan Publications Ltd.
- Satterthwaite, D (2005): The Scale of Urban Change Worldwide 1950-2000 and its underpinnings. International Institute for Environment and Development,
- Tacoli, C. (2006). Rural-urban Linkages. Earthscan Pubns Ltd.
- Hassan, A-M and Zetter, R. 2002: pages (13-30). “Sustainable development: between development and environmental agendas in the developing world”. In Planning in Cities: Sustainability and Growth in the Developing World. R, Zetter and R, White (eds). ITDG Bell & Bain Limited.
- Lehtola. M, Salmi, P, (2009) Beyond the Rural Urban Divide. Emerlad Group Publishing Limited
- Carley M. and Spapens, P. (1998) Sharing the World – Sustainable Living and Global Equity in the 21st Century. Earthscan. London and Stirling
- Agyeman, J, Bullard, RD and Evans, B. (2003). Joined-up Thinking: Bringing Together Sustainability, Environmental Justice and Equity. In Just sustainabilities: Development in an Unequal World. J, Agyeman, RD, Bullard and B, Evans (eds). Earthscan. MIT Press. Cambridge, Massachussets.
- Reed, D. (1996) Structural Adjustment, the Environment, and Sustainable Development. WWF and Earthscan Publications. London.

Examination

- PROA - Projektuppgift, 3,0 hp, betygsskala: P, F
- LITA - Litteratur seminarium, 4,5 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.

LIT1 - Literature Seminar, 4.5, grade scale: A, B, C, D, E, FX, F

PRO1 - Project Paper, 3.0, grade scale: PASS/ FAIL

Övriga krav för sluttbetyg

Project Paper (PRO1; 3,0 cr): Development Project paper (groupwork)

Literature Seminar (LIT1; 4,5 cr): Literature Seminar paper (individual work), performance and interaction during the course (individual work).

Attendance, minimum 75% of the course sessions.

Etiskt förhållningssätt

- Vid grupperbete 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.