

2010 IARU GLOBAL SUMMER PROGRAM – **DRAFT** COURSE PROFILE

Host University	The University of Copenhagen (KU), Faculty of Life Sciences
Course Title	DEVELOPMENT OF SUSTAINABLE PERIURBAN LANDSCAPES – NEW VISIONS AND STRATEGIES The course is organised as a co-operation between the Network of European Life Science Universities (ELLS) and IARU network
Teaching Staff	Associate Professor Lone Kristensen (KU) Professor Simon Swaffeld, Environment, Society and Design Division, Lincoln University, New Zealand Professor Jørgen Primdahl (KU) Professor Prof. Dr. Diedrich Bruns, Fachbereich Architektur, Stadtplanung, Landschaftsplanung, Universität Kassel Professor Makoto Yokohari, Graduate School of Future Studies, the University of Tokyo (not confirmed yet) Prof. Matt Kondolf, Department of Landscape Architecture and Environmental Planning. UC Berkeley (not confirmed yet)
Students must arrive by:	1 August
First day of classes	2 August
Last day of classes	13 August
Further information (website URL)	
Course Description (approx 400 words)	
<i>This course description will appear on the IARU Website</i>	
<p>The course is a planning course with emphasis upon actions, solutions, and future prospects for sustainable peri-urban development. The students will work with SWOT analysis, landscape analysis, and other context analysis as basis for their elaboration of visions, strategies and plans for a specific peri-urban landscape in the Northern part of Zealand (peri-urban areas north of Copenhagen).</p> <p>The students will be provided with different input about the chosen location/site from local professionals including knowledge about the socio-economic situation, planning and regulation, ecological problems, as well as visions for the local area provided by politicians and professionals. In addition, different types of lectures will be given including some of the following issues: complexity theory and its application in transition management, scenario building, strategic landscape analysis, sustainability impact assessment and 'good and bad' examples of local strategies for sustainable land use in peri-urban areas, driving forces of peri-urban landscape change.</p> <p>The teaching is given in the form of lectures, excursions, study guidance and self studies. The students work take place in groups of 4-6 persons. The course is starting with a presentation of students, teachers and the programme followed by a whole day excursion. After the excursion the students will start their group work and select their working topic. In days to follow different lectures will be giving in the morning and late afternoon or night. During the second week the students will mainly work with their analysis and planning projects supported by supervision. The students will be asked to make short presentations of their work in progress during both first and second week. By the end of the course the students will present posters of their projects and a description of working process. Midway in the course the will be a day off where</p>	

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different social events will be arranged. The course includes a 1,5 weeks self study (reading, before course start)

Peri-urban landscapes areas are characterised by great heterogeneity and rapid changes of land use mainly because they are attractive to many functions and constantly under pressure from changing urban morphologies and demands imposed by nearby population concentrations. By that peri-urban areas are in an in-between situation: neither city nor countryside, hosting a range of functions, spanning from agricultural production and other types of land related productions to residential and recreational functions. The current search for sustainable urban development as well as adaptation and mitigation for climate change, have additionally increased interests in peri-urban development patterns. The main issue of the course is how to plan for a sustainable development of peri-urban landscapes.

After completing of the course the students should be able to:

Knowledge

Describe and understand the characteristics and specific problems of peri-urban areas including understanding of driving forces and existing planning initiatives

Describe basic indicators of sustainability

Skill

Apply methods for description, analysis and assessment/evaluation of peri-urban landscapes

Apply theory on sustainable development

Formulate and communicate visions, strategies and plans for a sustainable development of peri-urban landscape

Competences

Work in groups with people from different disciplines

Hold a critical and reflective view on contemporary uses and planning of peri-urban landscapes

Discuss the functions of peri-urban landscape in a wider context

Delivery method/course structure and contact hours

Please be as clear as possible about the style of course delivery (lectures, tutorials etc.), the course structure and contact hours

Assessment details

Please provide as much detail as possible about the assessment expectations of the course (eg. 2 x 2000 word essay, each worth 25% of final award, 1x oral presentation, worth 20%, 1x Poster (20%) and participation in class activities/discussion (10%).

Written and oral presentation on condition that the students participate in all course activities

The students must deliver a poster of 3 pages, make an oral presentation of their project and make an individual assessment report (2 -3 pages).

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<p>Pre-requisites /Target audience <i>Please be as explicit about the expectations (background/major, level (year), language skills, etc.) you would have of students participating in this course</i></p>
<p>The course applies to landscape architect -, geographer-, landscape and urban planning students as well as others with an interest in sustainable landscape planning. The students should have passed their bachelor degree.</p>
<p>Accommodation description</p>
<p>Students are accommodated at Skovskolen (the Forest School in Nødebo)</p>

COSTS <i>Please indicate costs in local currency</i>		Notes
Tuition cost		
Accommodation costs		
Field-trip costs (if applicable)		
Estimated visa cost		
Estimated text book costs		
Estimated living expenses (total for course)		