

Faculty of Landscape Architecture and Urbanism

SZENT ISTVÁN UNIVERSITY

Subjects in 2018/19 Autumn Semester:

6KPSD2ERASM - Special dendrology 4 ECTS

Teacher: Szabó Krisztina

6TKIEPERASM - Image Editing in Photoshop 4 ECTS

Teacher: Czinkóczy Anna

6TKTYFTDCADCXN - Foundations of Technical Drawing using AutoCAD 4 ECTS

Teacher: Czinkóczy Anna

STKTF342CXN - Landscape planning and EU membership 4 ECTS

Teacher: Filepné Kovács Krisztina

6TFSULAERASM - Sustainable landscapes 4 ECTS

Teacher: Filepné Kovács Krisztina and Valánszki István

6TFLPBCXN - Landscape planning in Budapest Agglomeration 4 ECTS

Teacher: Valánszki István

6TF63PAPCXN - Google Earth Landscapes 4 ECTS

Teacher: Jombach Sándor

6TKHHAERASM - History of Hungarian Architecture in the 20-21st century 4 ECTS

Teacher: Simon Mariann

6TP68URMECXN – Urban Memory 6ECTS

Teacher: Polyák Beáta

List of courses with description

with min. 5 students

Title	Special Dendrology 1		
Code	6KPSDERASM		
Prerequisites	Basic botanical and dendrological knowledge		
Description	The aim of the course is to learn about mostly woody taxa that are not in the basic requirement and to become experienced in the practical application of these species. During the semester the classes provide knowledge of more than 250 species, subspecies and cultivars. In the second part of the course, students tour two botanical gardens in Budapest. Students have to choose a bedding out of urban open space, survey or analyze the planted species and to evaluate the planting application of the chosen site and have to deliver oral presentation about it. The exercise can be extended with drawings.		
Lecturer	Krisztina SZABÓ		
Semester	Fall	Contact hours/week	2
Level	undergraduate/graduate	ECTS Credit	4
Teaching and Learning Methods:	Indoor and outdoor classes and two half day trips. Students' knowledge of plant materials will be enriched by plant identification walks and plant identification exams.		
Costs	<ul style="list-style-type: none"> Travel: cca. HUF 2000 		
Reading:	<ul style="list-style-type: none"> Krüssmann, G. (1985): <i>Manual of Cultivated Conifers</i>. Timber Press, Portland, Or., USA Krüssmann, G. (1989): <i>Manual of Cultivated Broad-leaved Trees and Shrubs</i>. Timber Press, Portland, Or., USA Krüssmann, G. (1990): <i>Manual of Woody Landscape Plants</i>. Stipes Publ. Company, Champaign, Illinois, USA Rehder, A. (1985): <i>Manual of Cultivated Trees and Shrubs Hardy in North America</i>. Dioscorides Press, Portland, Or., USA DEBRECZY, Zs., RÁCZ, I. (2011): <i>Conifers Around the World</i>, DendroPress Ltd, Budapest 		
Assessment:	<ul style="list-style-type: none"> Plant identification exams 20% Presentation 30% Final written exam 50% 		

Title	Foundations of Technical Drawing using AutoCAD		
Code	6TKTYFTDCADCXN		
Prerequisite	Basic IT skills		
Description	The course is aimed to introduce the AutoCAD environment to students that is essential to produce architectural or landscape plans. The students will have to demonstrate their technical and problem solving skills in a complex computer based environment		
Lecturer	Dr. Anna CZINKÓCZKY		
Semester	Fall/spring	Contact hours/week	2
Level	Undergraduate/graduate	ECTS credit	4
Teaching and Learning Methods	Practice based computer lab seminars		
Costs	–		
Reading	<p>Required Textbook: Engineering Graphics with AutoCAD 2011, by James Bethune; Prentice Hall Publishing.</p> <p>Optional Reference Textbook: AutoCAD and its Applications 2010 by Shumaker or any AutoCAD textbook.</p>		
Assessment	<ul style="list-style-type: none"> • 10% in class participation • 40% Midterm • 50% Final 		

Title	Landscape Planning and EU Membership		
Code	STKTF342CXN		
Prerequisites	None		
Description	Students get acquainted with the European Unions spatial trends and policy fields related to spatial planning. Using the latest results of ESPON research program we explore the territorial challenges facing the EU and get acquainted with different scenarios of future trends. Through lectures and discussions students became familiar with examples of the European planning systems.		
Lecturer	Krisztina FILEPNÉ KOVÁCS		
Semester	Fall/Spring	Contact hours/week	2
Level	Undergraduate/graduate	ECTS Credit	4
Teaching and Learning Methods	Lectures, discussions, self-reading, student presentations.		
Costs	–		
Reading	<p>EU Compendium of spatial policy http://www.espace-project.org/publications/EUcompendium.pdf OECD Proceedings: Towards a new road of spatial planning</p>		
Assessment	<ul style="list-style-type: none"> • Course work 20% • Presentation 30% • Final essay 50% 		

Title	Sustainable Landscapes		
<i>Code</i>	6TFSULAERASM		
<i>Prerequisites</i>	Basics of Landscape / Urban Planning		
<i>Description</i>	<p>The subject highlights some important issues of sustainable planning / design in both urban and rural landscapes. The aim of the module is to provide competences in sustainable development and management of landscapes.</p> <p>Lecturers involved introduce various social and ecological aspects of sustainability, including sustainable urban drainage systems, light pollution, wildlife protection, socially sustainable urban planning, urban agriculture, building stewardship in community planning, managing community charrettes and multifunctional landscapes, greenways, lakeside management.</p>		
<i>Lecturer</i>	Krisztina FILEP-KOVÁCS, Róbert KABAI, Zsombor BOROMISZA		
<i>Semester</i>	Fall/spring	<i>Contact hours/week</i>	2
<i>Level</i>	undergraduate/graduate	<i>ECTS Credit</i>	4
<i>Teaching and Learning Methods:</i>	Beyond the 90-minutes weekly seminars, students are required to study the appointed professional materials in the topic of the lectures.		
<i>Costs</i>	–		
<i>Reading:</i>	<ul style="list-style-type: none"> — M. Calkins: Materials for Sustainable Sites. Wiley, 2009 — T.W. Cook, A.M. Vanderzanden: Sustainable Landscape Management — Douglas Farr: Sustainable Urbanism: Urban Design With Nature. Wiley, 2008 — Fred Steiner, The Living Landscape: An Ecological Approach to Landscape Planning — Janie Benyus: Biomimicry: Innovation Inspired by Nature — Mander, U., Wiggering, H., Helming, K. (eds): Multifunctional land use – meeting future demands for landscape goods and services. Springer, Berlin, Heidelberg (Germany) — Paul Cawood Hellmund - Daniel Somers Smith: Designing Greenways (Sustainable Landscapes for Nature and People) — Future Communities: Design for Social Sustainability: A Framework for Creating Thriving New Communities. London, Social Life, 2012. — Sustainable Seattle: http://sustainableseattle.org/programs/regional-indicators — Sustainable City http://www.sustainable-city.org/ — http://www.sustainable-city.org/document/primer/index.html — http://www.asla.org/sites.aspx 		
<i>Assessment:</i>	<ul style="list-style-type: none"> • Test 100% 		

Title	Landscape Planning in Budapest Agglomeration		
Code	6TFLPBCXN		
Prerequisites	None		
Description	<p>The course contains the theoretical lectures about the actual landscape planning challenges as brownfield rehabilitation, control of suburbanisation. The focus of the course is to visit sites interesting from landscape planning view in Budapest and the agglomeration zone.</p> <p>Topics:</p> <p>Spatial planning system and landscape planning in Hungary, Agglomeration trends in the world (Lecture)</p> <p>History of Budapest agglomeration, Greenways and Brownfield and urban rehabilitation (Lecture, introduction of pilot areas)</p> <p>Urban rehabilitation projects in Budapest (site visit)</p> <p>Land use conflicts in the agglomeration, mining sites (site visit)</p> <p>Brownfield rehabilitation (Gázgyár), landscape changes in Pannonia/Landscape protection in the metropolitan region of Budapest (site visit)</p> <p>Suburbanisation process and conflicts in Budapest agglomeration (site visit)</p>		
Lecturer	Krisztina FILEPNÉ KOVÁCS, István VALÁNSZKY		
Semester	Spring	Contact hours/week	2
Level	Undergraduate	ECTS Credit	4
Teaching and Learning Methods:	Lectures and site visits		
Costs			
Reading:			
Assessment			

Title	Google Earth Landscapes		
Code	6TF63PAPCXN		
Prerequisites	None		
Description	<p>The aim of the course is to experience, learn and use the Google Earth for landscape architecture purposes. The application offers a suitable platform for GIS-based presentation of research results, landscape changes or various elements of any kind of plans. Google Earth application is a free, available and offers a comfortable user environment for planners, developers at any spatial level from object level to regional scale. The course supports to acquire Google Earth based visualisation and presentation techniques (combining tour, path, model and other tools) and to combine with oral presentation skills.</p>		
Lecturer	Sándor JOMBACH		
Semester	Fall	Contact hours/week	2
Level	Undergraduate/graduate	ECTS Credit	4

<i>Teaching and Learning Methods:</i>	Indoor classes, lectures, team and individual practical work special virtual GIS tasks and one outdoor trip. Preparation and presentation of assignments and written exam of basic Google Earth knowledge.
<i>Costs</i>	–
<i>Reading:</i>	MercyCorps: A Rough Google Earth Guide Google Earth Basics - Earthguide
<i>Assessment:</i>	<ul style="list-style-type: none"> • Presentation (40%) • Prepared assignment (40%) • Common field work (20%)

Title		History of Hungarian Architecture	
<i>Code</i>	6TKHHAERASM		
<i>Prerequisites</i>	None		
<i>Description</i>	The course gives an overview of Hungarian architecture from 1920 up to now. The classes concentrate on the main problems of the investigated decades, like the question of historicism and modernism or international and national sources between the 2 World Wars, socialist realism in the 1950s, technology and high-rise in the 1960s, built environment in the 1970s, post-modernism in the 1980s. As the problem of identity (national or regional architecture) is a recurrent theme throughout the entire period, the course pays a special attention to it.		
<i>Lecturer</i>	Mariann SIMON		
<i>Semester</i>	Fall	<i>Contact hours/week</i>	2
<i>Level</i>	undergraduate/graduate	<i>ECTS Credit</i>	4
<i>Teaching and Learning Methods:</i>	The 90 minutes weekly seminars follow the timeline of history of architecture. Two presentation and discussion classes are included approx. at the middle and at the end of the course, when students present their paper written about a building. Buildings for presentation are selected from the material of the two tours (one on modern architecture of Pasarét, the other on the rehabilitation quarter of the 8. district). Tours are organized in addition to classes.		
<i>Costs</i>	<ul style="list-style-type: none"> • Printing: cca. HUF 600 		
<i>Reading:</i>	<ul style="list-style-type: none"> • Lecturer's handouts • <i>The Architecture of Historic Hungary</i>, eds: Dora Wiebenson, József Sisa, MIT Press 1998. Last two chapters • <i>Budapest Architectural Guide: 20th Century</i>, eds: Lőrincz Zsuzsa, Vargha Mihály, 6BT, 1997 • Rudolf Klein, Éva Lampel, Miklós Lampel: <i>Contemporary Architecture in Hungary</i>, Vertigo, Budapest 2002 		
<i>Assessment:</i>	<ul style="list-style-type: none"> • In-class participation 20% • Essay and presentation 40% • Final written exam 40% 		