

General Information:

Name of Course:

TOWN AND SPATIAL PLANNING

Course Code:

PMRURNE135A

Semester:

9th

Number of Credits:

2

Allotment of Hours per Week:

1 Lectures and 2 Practical Lessons

Evaluation:

Signature (with grade)

Prerequisites:

Responsible lecturer:

János GYERGYÁK dr., associate professor

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Instructors:

Anna Mária TAMÁS dr., associate professor

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General Subject Description

The course provides master-level, complex approach to urban and environmental planning.

Learning Outcomes

The course will focus on:

- Developing the ability to think intuitively and creatively
- Examine and exploring of meaning and rules of multi-storey residential architecture
- Bring questions and examine aspects of planning, human resources and legal concerns, all in direct relation to the specifics of design.
- Carrying out within a specified time.

Subject content

The semester program focuses on sustainable urban and environmental planning. During the semester, students in groups ((max. 4 persons / group). prepare) are investigating the “**European Green Capital Award (EGCA)**” program by exploring the winner cities and then formulate their thoughts for the development of the city of Pécs. After the concept part, the groups prepare interventions through “action plans” and “environmental plan/public space design”.

“Urban areas are the source of many of today’s environmental challenges – not surprisingly, since two out of three Europeans live in towns and cities. Local governments and authorities can provide the commitment and innovation needed to tackle and resolve many of these problems.

One of the policy tools the European Commission is using to address these challenges is the European Green Capital Award (EGCA), which recognises and rewards local efforts to improve the environment, the economy and the quality of life in cities. The EGCA is given each year to a city, which is leading the way in environmentally friendly urban living and which can thus act as a role-model to inspire other cities. Cities differ enormously and sharing concrete examples of what a European Green Capital can look like is essential if further progress is to be made.”

Examination and evaluation system

*In all cases. Annex 5 of the Statutes of the University of Pécs, the **Code of Studies and Examinations (CSE) of the University of Pécs** shall prevail. <https://english.mik.pte.hu/codes-and-regulations>*

Attending is required all classes, and will impact the grade (max. 10%). Unexcused absences will adversely affect the grade, and in case of absence from more than 30% of the total number of lesson (it is max. 2 lesson) will be grounds for failing the class. To be in class at the beginning time and stay until the scheduled end of the lesson is required, tardiness of more than 20 minutes will be counted as an absence. In the case of an illness or family emergency, the student must present a valid excuse, such as a doctor's note.

The highest possible grade on the late project (after Study Period before Exam Period) is ‘2’.

Please note that attendance will adversely affect one's grade, both in direct grade reduction and in missing work in the development of a project.

Grading will follow the course structure with the following weight:

PRESENTATION 01	(week 03-04)	20 points
PRESENTATION 02	(week 08)	30 points
PRESENTATION 03	(week 15)	50 points

The final grade will be based on the following guidelines:

(Grade 5) Outstanding work. Execution of work is thoroughly complete and demonstrates a superior level of achievement overall with a clear attention to detail in the production of drawings, models and other forms of representation. The student is able to synthesize the course material with new concepts and ideas in a thoughtful manner, and is able to communicate and articulate those ideas in an exemplary fashion in.

(Grade 4) High quality work. Student work demonstrates a high level of craft, consistency, and thoroughness throughout drawing and modelling work. The student demonstrates a level of thoughtfulness in addressing concepts and ideas, and participates in group discussions. Work may demonstrate excellence but less consistently than an '5' student.

(Grade 3) Satisfactory work. Student work addresses all of the project and assignment objectives with few minor or major problems. Graphics and models are complete and satisfactory, exhibiting minor problems in craft and detail.

(Grade 2) Less than satisfactory work. Graphic and modelling work is substandard, incomplete in significant ways, and lacks craft and attention to detail.

(Grade 1) Unsatisfactory work. Work exhibits several major and minor problems with basic conceptual premise, lacking both intention and resolution. Physical representation in drawing and models is severely lacking, and is weak in clarity, craft and completeness.

Grading Scale:

Numeric Grade:	5	4	3	2	1
	A, excellent	B, good	C, average	D, satisfactory	F, Fail
Evaluation in points:	85%-100%	71%-84%	60%-70%	50%-59%	0-49%

Readings and Reference Materials

Required:

Lectures by the Instructor, which can be found on NEPTUN MEET STREET

Recommended readings:

1. Thorbjörn Andersson (2018). Waterfront Promenade Design: Urban Revival Strategies, Images Publishing, ISBN 1864707445
2. Chris Young (2009). Garden design, DK Publishing ISBN 978-0756642747
3. Aurora Fernández Per, Javier Arpa (2008). The public chance - New urban Landscapes, A+T ISBN 978-84-612-4488-1
4. Emma Reuss (2014). Gardens in Detail: 100 Contemporary Designs , The Monacelli Press ISBN 978-0756642747 (under acquisition)
5. Sarah Gaventa (2006). New Public Spaces, ISBN 978-1845331344
6. Peter Zöch (2008). European Landscape Architecture – Squares, parks and promenades : recent projects, TERC Budapest ISBN: 9639535787
7. Philip Jodidio (2012). Landscape Architecture Now, Taschen ISBN13: 9783836536769

Other study/task materials can be found on NEPTUN MEET STREET

Methodology

The course is based on through collaboration, participation and discussions through lessons. This is an interaction between Students and Faculty; used the teaching methods like 'Problem-based learning' and 'learning-by-doing'. The communication and work should be reflect a respect for fellow students and their desire to work with regard to noise levels, noxious fumes, etc – from each site of participants. (You will need: sketch paperroll, Rulerscale, sketchbook, pencils, pens, rulers, carton paper for modelling, notebook, internet.)

Students with Special Needs

Students with a disability and needs to request special accommodations, please, notify the Deans Office. Proper documentation of disability will be required. All attempts to provide an equal learning environment for all will be made.

Detailed requirements and schedule of the Course

Task description

PRESENTATION 01 (week 03-04)

Student presentation – 15 min (+ questions) – about the program of the previous winner cities The selection of the presented cities have to be done on the week 2th.

The presentation have to reach the environmental **indicators** of the „European Green Capital” program*:

1. Climate Change: Mitigation
2. Climate Change: Adaptation
3. Sustainable Urban Mobility
4. Sustainable Land Use
5. Nature and Biodiversity
6. Air Quality
7. Noise
8. Waste
9. Water
10. Green Growth and Eco-innovation
11. Energy Performance
12. Governance

* Note: The indicators have been changed many times so use the relevant ones (the indicators which are defined in different years, written in the application materials of the cities) in your presentation.

For more information visit the following website:

https://ec.europa.eu/environment/europeangreencapital/index_en.htm

PRESENTATION 02 (week 08)

Introduction of the „**concept program**” for „**Pécs the European Green Capital**” (focusing on at least one neighbourhood+ 3 action area, by reaching the 12 indicators of the program)

Tasks to be prepared:

- Presentation of the topic with its economical and social environment.
- Presentation of the chosen environment with photos and sketches exploring the history and traditions of the area.
- Preparation and presentation of analysis with schematics, flow charts, analytical maps, problem maps. (exploration of the problems, assessment of the natural, built environment, analysis of the morphology of the area, vegetation, etc.)

Text part (detailed content is finalized at week 06):

- a) Formulation of the comprehensive concept regarding local conditions and indicators of „European Green Capital” (all of the indicators have to be reached!)

Planning part:

- b) Schematics, infographics (settlement / neighbourhood context)
- c) Environmental analysis (settlement / neighbourhood context) 1: 2000-4000
- d) Demarcation of three different action areas (neighbourhood context) with presentation of development concept 1: 1000-2000

Note: After the presentation, one from the three action areas will be chosen for further works („action plan” and „public space design”, see in the contents of PRESENTATION 03).

PRESENTATION 03 (week 15)

Introduction of the „**final program**” „**action plan**” and „**public space design**” (in the consequenc of one of the action area) for „Pécs the European Green Capital” award/title.

Text part (detailed content is finalized at week 10):

- a) the **final program** (= final comprehensive concept) regarding local conditions and indicators of „European Green Capital” (all of the indicators have to be reached!)
- b) **action plan** (abstract)

Planning part:

- c) Schematics, infographics (settlement / neighbourhood context)
- d) Environmental analysis (settlement / neighbourhood context) 1: 2000-4000
- e) Demarcation of three different action areas (neighbourhood context) with presentation of development concept 1: 1000-2000
- f) **Public space design** m1: 25-500
 - Site map m1: 200-500
 - Field section m1: 100-200
 - Detail drawing (top view, engraving) m1: 25-50
 - Visualizations

Content items:

1. Landscape architecture design
2. Design of traffic and parking surfaces (including road junctions, traffic intersections, marking of pavements, curbs, driveways and access slopes, paintings, vehicle, pedestrian, bicycle and parking surfaces, pavement design, the types and materials of coverings, the type of cover patterns, the location and form of the driveways, passageways, surfaces, movable and fixed deflectors, bollards, poles, and bicycle storage facilities and the construction of public transport stops)
3. Placement of public utilities (including street furniture, fountains)
4. Equipment placement (including advertising media)
5. Design of public lightings
6. Placement of pavilions (if relevant)
7. Design of catering terraces (if relevant)

Schedule

1.Week	Thursday 8.30-9.15	Thursday 9.30-11.00
	Lecture	Consultation
Methodology	Introduction of the semester program	
September 5.		
2.Week	Thursday 8.30-9.15	Thursday 9.30-11.00
	Lecture	Consultation
Methodology	Introduction of the theoretical knowledge	Student presentation
September 12.	Introduction of the European Green Capital Award (EGCA)	Group forming (max. 4 people / group) and mapping of the previous winners of the „European Green Capital Award” program, then selecting one of the winner city to be presented
2.Week	Thursday 8.30-9.15	Thursday 9.30-11.00
	Lecture	Consultation
Methodology	Introduction of the theoretical knowledge	Student presentation
September 19.	Introduction of the development concept of Pécs city (hungarian version:TK)	PRESENTATION 01 – 1. part Student presentation – 15 min (+questions) – about the program of the previous winner cities
4.Week	Thursday 8.30-9.15	Thursday 9.30-11.00
	Lecture	Consultation
Methodology	Introduction of the theoretical knowledge	Student presentation
September 26.	Introduction of the development strategy of pécs city (hungarian version:ITS)	PRESENTATION 01 – 2. part Student presentation – 15 min (+questions) – about the program of the previous winner cities
5.Week	Thursday 8.30-9.15	Thursday 9.30-11.00
	Lecture	Consultation
Methodology	Study trip in Pécs	Study trip in Pécs
October 3.	Study trip in relevant Neighborhood of Pécs city	
6.Week	Thursday 8.30-9.15	Thursday 9.30-11.00
	Lecture	Consultation
Methodology	Consultation and workshop event	
October 10.	Preparation of the concept for the program of „Pécs, the European Green Capital” (teamwork, neighborhood context)	
7.Week	Thursday 8.30-9.15	Thursday 9.30-11.00
	Lecture	Consultation
Methodology	Consultation and workshop event	
October 17.	Preparation of the concept for the program of „Pécs, the European Green Capital” (teamwork, neighborhood context)	
8.Week	Thursday 8.30-9.15	Thursday 9.30-11.00
	Lecture	Consultation
Methodology	Presentation	
October 24.	PRESENTATION 02 Preparation of the concept for the program of „Pécs, the European Green Capital” (teamwork, neighborhood context, 3 action area)	

9.Week	Thursday 8.30-9.15	Thursday 9.30-11.00
	Lecture	Consultation
Methodology	Fall holiday	Fall holiday
October 31.	Fall holiday	Fall holiday
10.Week	Thursday 8.30-9.15	Thursday 9.30-11.00
	Lecture	Consultation
Methodology	Presentation of case study	Consultation and workshop event
November 7.	Introduction of the content of „action plan”	Preparation of “action plan” and “public space design”
11.Week	Thursday 8.30-9.15	Thursday 9.30-11.00
	Lecture	Consultation
Methodology	Presentation of case study	Consultation and workshop event
November 14.	Introduction of the content of „public space design”	Preparation of “action plan” and “public space design”
12.Week	Thursday 8.30-9.15	Thursday 9.30-11.00
	Lecture	Consultation
Methodology	Presentation of case study	Consultation and workshop event
November 21.	Case study	Preparation of “action plan” and “public space design”
13.Week	Thursday 8.30-9.15	Thursday 9.30-11.00
	Lecture	Consultation
Methodology	Presentation of case study	Consultation and workshop event
November 28.	Case study	Preparation of “action plan” and “public space design”
14.Week	Thursday 8.30-9.15	Thursday 9.30-11.00
	Lecture	Consultation
Methodology	Presentation of case study	Consultation and workshop event
December 5.	Case study	Preparation of “action plan” and “public space design”
15.Week	Thursday 8.30-9.15	Thursday 9.30-11.00
	Lecture	Consultation
Methodology	Presentation	
December 12.	<p style="text-align: center;">PRESENTATION 03 – 1. part</p> <p>Introduction of the „final concept program” „action plan” and „public space design” (in the consequence of one of the action area) for „Pécs the European Green Capital” award/title.</p>	
16.Week	Thursday 8.30-9.15	Thursday 9.30-11.00
	Lecture	Consultation
Methodology	Pótprezentáció	
December 19.	<p style="text-align: center;">PRESENTATION 03 – 2. part</p> <p>Introduction of the „final concept program” „action plan” and „public space design” (in the consequence of one of the action area) for „Pécs the European Green Capital” award/title.</p>	

János GYERGYÁK dr.
responsible lecturer

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