

Name of Course:

INTRODUCTION TO URBAN PLANNING

Course Code: EPE029ANEM
Semester: 6th
Number of Credits: 3
Allotment of Hours per Week: 1 Lectures and 2 Practical Lessons /Week
Evaluation: Signature (with grade)
Prerequisites:

Responsible lecturer: **János GYERGYÁK dr., associate professor**
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General Subject Description

Introduction of the **settlements/urban areas** is the primary task of the semester. Elements of the fabric of the settlement such as **site, buildings, streets, squares, parks, gardens** are in the focus of the first part of semester through some **preliminary analysis methods**, then **the system of complex analysis in urban scale** is highlighted.

The second part of the course covers the **short history of the urban planning** then the topic goes on with the **system of urban planning**.

The different units are provided in **lectures** - first part of the weekly program - **then theory is applied through practice in a given settlement**.

Learning Outcomes

- observing the complex environment of the urban/settlements beyond the scale of buildings
- analyzing examples of urban/settlement elements, the settlement/urban fabric
- history of urban planning
- understanding urban development strategies
- understanding the importance of the urban planning system
- understanding the visual elements in urban context

Subject content

The course can be divided into **four main topics** with total **ten different units**. The course provides general knowledge in urban planning, besides practical related studies in the following topics:

I. General introduction urban/settlement context

1. Topic of settlement/urban planning

II. Structural elements of and analysis of urban/settlement context

2. Structural elements: building – site/building site

3. Structural elements: street - road

4. Structural elements: squares - plazas

5. Structural elements: park - garden

6. Complex analysis in urban/settlement scale

III. Urban history

7. History of urban planning

IV. System of urban/settlement planning

8. Urban/settlement development

9. Urban/settlement planning

10. Urban/settlement scape/visual elements

The detailed elements of the contents of the course are listed here:

methodology of the course:	
lecture	workshop
45 minutes long presentation about the relevant topic – 10 topics in the semester	90 minutes group work based on the given settlement. This semester the given settlement is: Pécs
assessment	
MIDTERM TEST 60 minutes long test	URBAN PLANNING HANDBOOK 30 cm by 30cm format Sketchbook with high quality of hand or computer drawings (analysis, inspirational and explanatory drawings, etc.) See ANNEX 01-02 for inspirations!

I. General introduction urban/settlement context

1. Topic of settlement/urban planning

theory part: general introduction to the topic to understand the context.

II. Structural elements of and analysis of urban/settlement context

2. Structural elements: building – site/building site

theory part: types of placements of the buildings,
the connection of the building, building formation and the site,
general analysis, presentation techniques, examination aspects.

practical part: analysis in the context of Pécs city

3. Structural elements: street - road

theory part: the role, formation and the operation of the most important network
elements of the settlements,
general analysis, presentation techniques, examination aspects.

practical part: system analysis, cross-section study in the context of Pécs city

4. Structural elements: squares - plazas

theory part: the role, formation and the operation of the primary community
spaces of the settlements,
general analysis, presentation techniques, examination aspects.

practical part: system analysis, function study in the context of Pécs city

5. Structural elements: park – garden – green surfaces

theory part: the role, formation and the operation of the primary green spaces of
the settlements,
general analysis, presentation techniques, examination aspects.

practical part: system analysis, function study in the context of Pécs city

6. Complex analysis in urban/settlement scale

theory part: complex examination of the (operation of) settlements.

practical part: system analysis in the context of Pécs city

III. Urban history

7. History of urban planning

theory part: a brief and comprehensive history about the formation of the
development of the settlements

practical part: history analysis in the context of Pécs city

IV. System of urban/settlement planning

8. Urban/settlement development

theory part: interpretation and presentation of the concept of settlement
development,
outline the contemporary directions
analysis techniques, concept design, graphic solutions, visualization
techniques

practical part: development study in the context of Pécs city

9. Urban/settlement planning

theory part: interpretation and presentation of settlement planning tools

practical part: urban planning study in the context of Pécs city

10. Urban/settlement scape/visual elements

theory part: interpretation and presentation of urban scape tools

practical part: urban scape study in the context of Pécs city

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 15% of the total number of lesson (it is max. 2 lessons) 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.

Grading will follow the course structure with the following weight:

1. "Midterm exam" - 40%
2. "Urban planning handbook" – 50%
3. "Attendance" - the remaining 10% will be assessed according to participation, progress, effort and attitude.

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.

Important notice:

- a) The course is fulfilled only when all of the grading elements are achieved by at least 50% performance.
- b) The "Midterm exam" can be retaken only one time on the week of 16th.
- c) Late project submission take 20% deduction in points per week.
- d) Highest possible grade after week of 16th submission is '2' (satisfactory)!

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:

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

UN-Habitat materials:

1. International Guidelines on Urban and Territorial Planning
2. New Urban Agenda
3. The 2030 Agenda for Sustainable Development

Proposed readings:

1. J. C. Moughtin. (2003). Urban design: Street and Square
2. Erdi-Lelandais, G. (2014). Understanding the City: Henri Lefebvre and Urban Studies
3. Lynch, K. (1990). Image of the City. The MIT Press
4. Jacobs, J. (1992). The death and life of great american cities. New York: Vintage Books.
5. Trancik, R. (1986). Finding Lost Space: Theories of Urban Design
6. Venturi, R. (1977). Learning from Las Vegas. The MIT Press
7. Gehl, J. (1987). Life between Buildings: Using Public Space
8. Gehl, J. (2010). Cities for People, Island Pres
9. Speck J. (2012). Walkable City, North Point Press
10. Montgomery, C. (2013). Happy city, Farrar, Straus and Giroux

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 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 paper, ruler, scale, 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

Week 01 7th of February	Monday 13:15 – 15:45	
	Lecture	Workshop
Methodology	Presentation	Group work
	Introduction of the course (syllabus and schedule)	-
Assignment	Not relevant!	
General goal of the week	Neptun/Neptun meet street and/or Microsoft teams	
Platform of the connection		Not relevant!

Week 02 14th of February	Monday 13:15 – 15:45	
	Lecture	Workshop
Methodology	Presentation	Group work
	1. Topic of settlement/urban planning	-
Assignment	Introduction of the „ topic ” in urban context	
General goal of the week	Neptun/Neptun meet street and/or Microsoft teams	
Platform of the connection		Not relevant!

Week 03 21th of February	Monday 13:15 – 15:45	
	Lecture	Workshop
Methodology	Presentation	Group work
Assignment	2. Structural elements: building – site/building site	Group work based on „2. Structural elements: building – site/building site” in Pécs city context
Assignment	Study the role of „ building – site/building site ” in urban context	
General goal of the week	Neptun/Neptun meet street and/or Microsoft teams	
Platform of the connection		28.02.2022. 11:59:59 (CET) by digital submission (in format pdf) on the surface of “Microsoft teams”.

Week 04 28th of February	Monday 13:15 – 15:45	
	Lecture	Workshop
Methodology	Presentation	Group work
Assignment	3. Structural elements: street - road	Group work based on „3. Structural elements: street – road” in Pécs city context
General goal of the week	Study the role of „ street - road ” in urban context	
Platform of the connection	Neptun/Neptun meet street and/or Microsoft teams	
Deadline of the submission		07.03.2022. 11:59:59 (CET) by digital submission (in format pdf) on the surface of “Microsoft teams”.

Week 05 7th of March		Monday 13:15 – 15:45	
	Lecture		Workshop
Methodology	Presentation		Group work
Assignment	4. Structural elements: square - plaza		Group work based on „4. Structural elements: squares - plazas” in Pécs city context
General goal of the week	Study the role of „square-plaza” in urban context		
Platform of the connection	Neptun/Neptun meet street and/or Microsoft teams		
Deadline of the submission		21.03.2022. 11:59:59 (CET) by digital submission (in format pdf) on the surface of “Microsoft teams”.	

Week 06 14th of March		Monday 13:15 – 15:45	
	Lecture		Workshop
	Presentation		Group work
NATIONAL HOLIDAY			

Week 07 21th of March		Monday 13:15 – 15:45	
	Lecture		Workshop
Methodology	Presentation		Group work
Assignment	Reading and learning of the uploaded lecture(s): „5. Structural elements: park – garden” Note: _ The presentations will be available on „Neptun meet street”. _ The content of the presentation will be reported in the „Midterm exam”.		Tracing and analysing – guideline is written in the connected lecture - exercise: „5. Structural elements: park - garden” in Pécs city context Note: _ Consultation is only possible during the timeframe of the class _ Template file will be available on „Neptun meet street”. _ Drawings can be made by computer aided design (CAD) or as hand drawings
General goal of the week	Study the role of „park-garden” in urban context		
Platform of the connection	Neptun/Neptun meet street and/or Microsoft teams		
Deadline of the submission		28.03.2022. 11:59:59 (CET) by digital submission (in format pdf) on the surface of “Microsoft teams”.	

Week 08 28th of March		Monday 13:15 – 15:45	
	Lecture		Workshop
Methodology	Presentation		Group work
Assignment	Reading and learning of the uploaded lecture(s): „6. Complex analysis in urban/settlement scale 1.” Note: _ The presentation will be available on „Neptun meet street”. _ The content of the presentation will be reported in the „Midterm exam”.		Tracing and analysing – guideline is written in the connected lecture - exercise: „6. Complex analysis in urban/settlement scale” in Pécs city context Note: _ Consultation is only possible during the timeframe of the class _ Template file will be available on „Neptun meet street”. _ Drawings can be made by computer aided design (CAD) or as hand drawings
General goal of the week	Study the role of „complex analysis” in urban context		
Platform of the connection	Neptun/Neptun meet street and/or Microsoft teams		
Deadline of the submission		04.04.2022. 11:59:59 (CET) by digital submission (in format pdf) on the surface of “Microsoft teams”.	

Week 09 4th of April		Monday 13:15 – 15:45	
	Lecture	Workshop	
Methodology	Presentation	Individual or group work (with maximum two students in each group)	
Assignment	Reading and learning of the uploaded lecture(s): „6. Complex analysis in urban/settlement scale 2.” and UN – New Urban Agenda Note: _The presentation will be available on „Neptun meet street”. _The content of the presentation will be reported in the „Midterm exam”.	Tracing and analysing – guideline is written in the connected lecture - exercise: „6. Complex analysis in urban/settlement scale” in Pécs city context Note: _Consultation is only possible during the timeframe of the class _Template file will be available on „Neptun meet street”. _Drawings can be made by computer aided design (CAD) or as hand drawings	
General goal of the week	Study the role of „ complex analysis ” in urban context		
Platform of the connection	Neptun/Neptun meet street and/or Microsoft teams		
Deadline of the submission	11.04.2022. 11:59:59 (CET) by digital submission (in format pdf) on the surface of “Microsoft teams”.		

Week 10 11th of April		Monday 13:15 – 15:45	
	Lecture	Workshop	
Methodology	Presentation (uploaded ppt)	Individual or group work (with maximum two students in each group)	
Assignment	Reading and learning of the uploaded lecture(s): „7. History of urban planning” Note: _The presentation will be available on „Neptun meet street”. _The content of the presentation will be reported in the „Midterm exam”.	Study exercise: „7. History of urban planning” in Pécs city context Note: _Consultation is only possible during the timeframe of the class _Template file will be available on „Neptun meet street”. _Drawings can be made by computer aided design (CAD) or as hand drawings	
General goal of the week	Study of „ urban history ”		
Platform of the connection	Neptun/Neptun meet street and/or Microsoft teams		
Deadline	25.04.2022. 11:59:59 (CET) by digital submission (in format pdf) on the surface of “Microsoft teams”.		

Week 11 18th of April		Monday 13:15 – 15:45	
	Lecture	Workshop	
Methodology	Presentation	Individual or group work (with maximum two students in each group)	
SPRING HOLIDAY			

Week 12 25 of April		Monday 13:15 – 15:45
	Lecture	Practice
Methodology	Presentation	Individual or group work (with maximum two students in each group)
Assignment	Reading and learning of the uploaded lecture(s): „8.Urban/settlement development” Note: _ The presentation will be available on „Neptun meet street”. _ The content of the presentation will be reported in the „Midterm exam”.	Study exercise: „8.Urban/settlement development” Note: _ Consultation is only possible during the timeframe of the class _ Template file will be available on „Neptun meet street”. _ Drawings can be made by computer aided design (CAD) or as hand drawings
General goal of the week	Study of „urban/settlement development”	
Platform of the connection	Neptun/Neptun meet street and/or Microsoft teams	
Deadline	02.05.2022. 11:59:59 (CET) by digital submission (in format pdf) on the surface of “Microsoft teams”.	

Week 13 2nd of May		Monday 13:15 – 15:45
	Lecture	Workshop
Methodology	Presentation (uploaded ppt)	Individual or group work (with maximum two students in each group)
Assignment	Reading and learning of the uploaded lecture(s): „9. Urban/settlement planning” Note: _ The presentation will be available on „Neptun meet street”. _ The content of the presentation will be reported in the „Midterm exam”.	Study exercise: „9. Urban/settlement planning” Note: _ Consultation is only possible during the timeframe of the class _ Template file will be available on „Neptun meet street”. _ Drawings can be made by computer aided design (CAD) or as hand drawings
General goal of the week	Study of „urban/settlement development”	
Platform of the connection	Neptun/Neptun meet street and/or Microsoft teams	
Deadline	09.05.2022. 11:59:59 (CET) by digital submission (in format pdf) on the surface of “Microsoft teams”.	

Week 14 9th of May		Monday 13:15 – 15:45
	Lecture	Workshop
Methodology	Presentation (uploaded ppt)	Individual or group work (with maximum two students in each group)
Assignment	Reading and learning of the uploaded lecture(s): „10. Urban/settlement scape/visual elements” Note: _ The presentation will be available on „Neptun meet street”. _ The content of the presentation will be reported in the „Midterm exam”. _ Release the question list of the „Midterm exam”	Study exercise: „10. Urban/settlement scape/visual elements” Note: _ Consultation is only possible during the timeframe of the class _ Template file will be available on „Neptun meet street”. _ Drawings can be made by computer aided design (CAD) or as hand drawings
General goal of the week	Study of „urban/settlement scape/visual elements”	
Platform of the connection	Neptun/Neptun meet street and/or Microsoft teams	
Deadline	16.05.2022. 11:59:59 (CET) by digital submission (in format pdf) on the surface of “Microsoft teams”.	

Week 15 16th of May	Monday 13:15 – 15:45	
	Lecture	Workshop
Methodology	Report	Individual or group presentation (with maximum two students in each group)
Assignment	<p>„MIDTERM EXAM” Midterm exam” - 30%</p> <p>Note: _The course is fullfiled only when all of the grading elements are achieved by at least 50% performance.</p>	<p>Submission and presentataion (first time):: „URBAN PLANNING HANDBOOK” “Urban planning hendbook” – 60%</p> <p>Note: _The course is fullfiled only when all of the grading elements are achieved by at least 50% performance.</p>
General goal of the week	Semester report” – Semester evaluation	
Platform of the connection	Neptun/Neptun meet street and/or Microsoft teams	
Deadline	16.05.2021. 11:59:59 (CET) by digital submission (in format pdf) on the surface of “Microsoft teams”.	

Week 16 Exam week 01 23th of May	Monday 13:15 – 15:45	
	Lecture	Workshop
Methodology	Report	Individual or group presentation (with maximum two students in each group)
Assignment	<p>„MIDTERM EXAM” extra event Midterm exam” - 30%</p> <p>Note: _The course is fullfiled only when all of the grading elements are achieved by at least 50% performance.</p>	<p>Submission (second, last chance): „URBAN PLANNING HANDBOOK” “Urban planning hendbook” – 60%</p> <p>Note: _The course is fullfiled only when all of the grading elements are achieved by at least 50% performance.</p>
General goal of the week	Semester report” – Semester evaluation	
Platform of the connection	Neptun/Neptun meet street and/or Microsoft teams	
Deadline	23.05.2021. 11:59:59 (CET) by digital submission (in format pdf) on the surface of “Microsoft teams”.	

We reserve the right to make changes to the details of this course syllabus (date / location / clarifications), which will be communicated to the students. In case of questions and problems that arise during the semester contact the responsible lecturer or the study program coordinator.

János GYERGYÁK dr.
responsible lecturer

Pécs, 06.02.2022

ANNEX 02

Inspiration for URBAN PLANNING HANDBOOK: “DRAWINGS”

Inspiration by Fabio Alessandro Fusco, Italian architect and teacher, made a set of drawings entitled “Relational Cities”.

