PM-406 - URBAN AND REGIONAL PLANNING - Mühendislik Mimarlık Fakültesi - Peyzaj Mimarlığı Bölümü

General Info

Objectives of the Course

To teach the basic concepts of Urban and Regional Planning, and associate them with the Landscape Architecture.

Course Contents

Urban Planning theories, the notions of Urban and Region, relationships between scale and spatial, history of Urban Planning, Local Planning, The process of local planning in Turkey, planning types, and planning hierarchy

Recommended or Required Reading

İslamda Şehir ve Mimari, Turgut Cansever Kubbeyi Yere Koymamak, Turgut Cansever Alexander, E.R., 1986 Approaches to planning,Introducing Current Planning Theories, Concepts and Issues, Amsterdam: Gordon&Breach Kent İmgesi, Kevin Lynch

Planned Learning Activities and Teaching Methods

This course will be presented with a teaching approach that supports theoretical knowledge with practical applications. Various learning activities and teaching methods will be used within the scope of the course. Theoretical Lectures Presentations and lecture notes will be used to inform students about basic concepts, planning processes and techniques. The topics will be supported with visual materials (maps, diagrams, infographics). Basic planning principles and approaches will be explained to students in theoretical lessons. Discussion and Brainstorming Discussions on current urban planning issues will be organized to ensure active participation in the course. Students will share their ideas on topics such as sustainable urbanization, disaster management, and smart cities. Urban planning problems will be addressed and solution proposals will be developed through group work. Case Studies and Sample Studies Successful urban and regional planning projects from Turkey and the world will be examined. Students will make sample analyzes on topics such as urban transformation projects and green infrastructure planning. Urban planning practices will be evaluated with their environmental, social and economic dimensions. Applied Studies and Workshops Applications will be made on topics such as urban morphology, land use planning and transportation planning. Students will perform basic analyzes using Geographic Information Systems (GIS). Map reading, data collection and spatial analysis practices will be conducted. Field Surveys and Technical Trips Observation studies will be conducted in designated areas within the city. On-site surveys will be conducted by visiting parks, urban transformation areas and historical areas. During technical trips, students will gain field experience in planning processes. Project-Based Learning Students will develop planning projects for a city or region within the scope of the course. A planning process including analysis, synthesis and proposal stages will be carried out by working in groups. Evaluation will be carried out by making project presentations. Use of Digital Tools and Technology Students will conduct urban analyses using software such as GIS and Envimet. Spatial data analysis will be carried out with tools such as Google Earth and OpenStreetMap. Planning processes will be supported with digital maps and databases. Evaluation and Feedback Midterm exams, project presentations and homework assignments will be evaluated to follow students' development. Students' deficiencies will be determined with feedback and guidance will be provided. In addition to midterm and final exams, in-class performance and project studies will also be included in the evaluation. With these methods, it is aimed for students to both grasp theoretical knowledge and develop their application skills.

Recommended Optional Programme Components

Case Studies and Learning Through Real Projects: Successful urban planning projects implemented in Turkey and the world should be examined. Historical and contemporary urban planning examples should be comparatively addressed. Field Studies and Urban Reviews: Field studies should be organized for students to analyze urban spaces. Study areas should be determined and studies should be conducted on land use, transportation networks and green areas. Rural area visits and interactions between metropolitan regions should be analyzed within the scope of regional planning. Workshop and Implementation Studies: Students should put their theoretical knowledge into practice by preparing a master and implementation zoning plan for a specific region. Scaling studies and analysis maps should be created in line with planning principles. Interdisciplinary Collaborations: Joint projects can be carried out with departments such as urban and regional planning, architecture, geography and environmental engineering. Collaborations can be developed with municipal planning units, development agencies and civil society organizations. Future Planning Scenarios: Issues such as climate change, sustainable development and disaster risk management should be integrated into the planning process. Innovative planning approaches such as smart city applications, green infrastructure and circular economy should be discussed.

Instructor's Assistants

does not exist.

Presentation Of Course

Face to face

Dersi Veren Öğretim Elemanları

Assoc. Prof. Dr. Murat Yücekaya

Program Outcomes

1. can know basic concepts of urban and regional planning
2. can know space concepts with various scales and can relate them with every day life
3. can know the importance of planning hierarchy
4. can know the relation between phsical planning and landscape architecture

Weekly Contents

Order	PreparationInfo	Laboratory	TeachingMethods	Theoretical	Practise

Order	PreparationInfo	Laboratory	TeachingMethods	Theoretical	Practise
1			Planning processes will be supported with digital maps and databases. Evaluation and Feedback Midterm exams, project presentations and homework will be evaluated to follow students' development. Students' deficiencies will be determined with feedback and guidance will be provided. In addition to midterm and final exams, in-class performance and project work will also be included in the evaluation. With these methods, it is aimed for students to grasp both theoretical knowledge and develop their application skills.	Introduction to the course, information about its purpose and content, resource introduction.	
2			Planning processes will be supported with digital maps and databases. Evaluation and Feedback Midterm exams, project presentations and homework will be evaluated to follow students' development. Students' deficiencies will be determined with feedback and guidance will be provided. In addition to midterm and final exams, in-class performance and project work will also be included in the evaluation. With these methods, it is aimed for students to grasp both theoretical knowledge and develop their application skills.	The study areas of the Urban and Regional Planning discipline are associated with landscape architecture.	
3			Planning processes will be supported with digital maps and databases. Evaluation and Feedback Midterm exams, project presentations and homework will be evaluated to follow students' development. Students' deficiencies will be determined with feedback and guidance will be provided. In addition to midterm and final exams, in-class performance and project work will also be included in the evaluation. With these methods, it is aimed for students to grasp both theoretical knowledge and develop their application skills.	Theoretical view of the concept of space	
4			Planning processes will be supported with digital maps and databases. Evaluation and Feedback Midterm exams, project presentations and homework will be evaluated to follow students' development. Students' deficiencies will be determined with feedback and guidance will be provided. In addition to midterm and final exams, in-class performance and project work will also be included in the evaluation. With these methods, it is aimed for students to grasp both theoretical knowledge and develop their application skills.	Theoretical perspective on the concept of space and scale	
5			Planning processes will be supported with digital maps and databases. Evaluation and Feedback Midterm exams, project presentations and homework will be evaluated to follow students' development. Students' deficiencies will be determined with feedback and guidance will be provided. In addition to midterm and final exams, in-class performance and project work will also be included in the evaluation. With these methods, it is aimed for students to grasp both theoretical knowledge and develop their application skills.	Concepts of city and urban	
6			Planning processes will be supported with digital maps and databases. Evaluation and Feedback Midterm exams, project presentations and homework will be evaluated to follow students' development. Students' deficiencies will be determined with feedback and guidance will be provided. In addition to midterm and final exams, in-class performance and project work will also be included in the evaluation. With these methods, it is aimed for students to grasp both theoretical knowledge and develop their application skills.	History of urban planning	
7			Planning processes will be supported with digital maps and databases. Evaluation and Feedback Midterm exams, project presentations and homework will be evaluated to follow students' development. Students' deficiencies will be determined with feedback and guidance will be provided. In addition to midterm and final exams, in-class performance and project work will also be included in the evaluation. With these methods, it is aimed for students to grasp both theoretical knowledge and develop their application skills.	Urban planning theories	
8				Midterm Exam	
9			Planning processes will be supported with digital maps and databases. Evaluation and Feedback Midterm exams, project presentations and homework will be evaluated to follow students' development. Students' deficiencies will be determined with feedback and guidance will be provided. In addition to midterm and final exams, in-class performance and project work will also be included in the evaluation. With these methods, it is aimed for students to grasp both theoretical knowledge and develop their application skills.	Urban planning theories	

Order	PreparationInfo	Laboratory	TeachingMethods	Theoretical	Practise
10			Planning processes will be supported with digital maps and databases. Evaluation and Feedback Midterm exams, project presentations and homework will be evaluated to follow students' development. Students' deficiencies will be determined with feedback and guidance will be provided. In addition to midterm and final exams, in-class performance and project work will also be included in the evaluation. With these methods, it is aimed for students to grasp both theoretical knowledge and develop their application skills.	Current urban planning approaches	
11			Planning processes will be supported with digital maps and databases. Evaluation and Feedback Midterm exams, project presentations and homework will be evaluated to follow students' development. Students' deficiencies will be determined with feedback and guidance will be provided. In addition to midterm and final exams, in-class performance and project work will also be included in the evaluation. With these methods, it is aimed for students to grasp both theoretical knowledge and develop their application skills.	Current urban planning approaches	
12			Planning processes will be supported with digital maps and databases. Evaluation and Feedback Midterm exams, project presentations and homework will be evaluated to follow students' development. Students' deficiencies will be determined with feedback and guidance will be provided. In addition to midterm and final exams, in-class performance and project work will also be included in the evaluation. With these methods, it is aimed for students to grasp both theoretical knowledge and develop their application skills.	Spatial planning in Turkey, Plan types	
13			Planning processes will be supported with digital maps and databases. Evaluation and Feedback Midterm exams, project presentations and homework will be evaluated to follow students' development. Students' deficiencies will be determined with feedback and guidance will be provided. In addition to midterm and final exams, in-class performance and project work will also be included in the evaluation. With these methods, it is aimed for students to grasp both theoretical knowledge and develop their application skills.	Local Plan types and scales	
14			Planning processes will be supported with digital maps and databases. Evaluation and Feedback Midterm exams, project presentations and homework will be evaluated to follow students' development. Students' deficiencies will be determined with feedback and guidance will be provided. In addition to midterm and final exams, in-class performance and project work will also be included in the evaluation. With these methods, it is aimed for students to grasp both theoretical knowledge and develop their application skills.	Examining the relationship between local plan types and landscape architecture	
15			Planning processes will be supported with digital maps and databases. Evaluation and Feedback Midterm exams, project presentations and homework will be evaluated to follow students' development. Students' deficiencies will be determined with feedback and guidance will be provided. In addition to midterm and final exams, in-class performance and project work will also be included in the evaluation. With these methods, it is aimed for students to grasp both theoretical knowledge and develop their application skills.	General Evaluation	

Workload

Activities	Number	PLEASE SELECT TWO DISTINCT LANGUAGES
Vize	1	1,00
Final	1	1,00
Ödev	2	5,00
Derse Katılım	14	1,00
Ara Sınav Hazırlık	1	5,00
Final Sınavı Hazırlık	1	5,00
Tartışmalı Ders	2	2,00
Teorik Ders Anlatım	2	1,00
Küçük Grup Çalışması	3	2,00

Assesments

Activities	Weight (%)
Ara Sınav	30,00
Final	50,00
Dönem Ödevi	20,00

Peyzaj Mimarlığı Bölümü / PEYZAJ MİMARLIĞI X Learning Outcome Relation

	P.O. 1	P.O. 2	P.O. 3	P.O. 4	P.O. 5	P.O. 6	P.O. 7	P.O. 8	P.O. 9	P.O. 10	P.O. 11	P.O. 12	P.O. 13	P.O. 14
L.O. 1														
L.O. 2														
L.O. 3														
L.O. 4														

Table :

P.O. 1 : Alanında edindiği temel tasarım ve planlamaya ilişkin bilgi ve becerilerini kullanarak sürdürülebilirlik temelinde peyzaj planlama, tasarım ve uygulama yapabilme

P.O. 2 : Mesleki sorumluluk ve etik değerlere sahip olabilme

P.O. 3 : Bireysel, disiplin içinde ve disiplinler arası takım çalışması yapabilme

P.O. 4 : Doğal ve egzotik bitki türlerinin tanınması, üretimi, estetik, işlevsel ve ekolojik amaçlar doğrultusunda planlanması/tasarımı, korunması ve peyzaj mimarlığı mesleki problemlerine uygulama becerisine sahip olabilme

P.O. 5 : Doğal ve kültürel peyzajlara ilişkin verileri elde etme, analiz etme, değerlendirme ve yorumlama becerisi kazanabilme

P.O. 6 : Ulusal ve uluslar arası ölçekteki çevre sorunları hakkında bilgi sahibi olabilme, duyarlı davranabilme ve çözümler üretebilme

P.O. 7 : Bağımsız davranabilme, inisiyatif kullanma becerisine sahip olabilme

P.O. 8 : Peyzaj Mimarlığı ile ilgili bilgi teknolojilerini ve bilgi sistemlerini kullanma, belirlenen konu ve sorunlar için gerekli bilgi toplama ve analiz edebilme

P.O. 9 : Farklı ölçeklerdeki kentsel ve kırsal alanların kullanıcı ihtiyaçlarına bağlı olarak ekolojik, estetik ve işlevsel ilkeler doğrultusunda planlanması, tasarlanması ve detaylandırılmasına ait bilgileri kullanabilme

P.O. 10 : Doğal ve kültürel çevrenin korunması için çevre ve doğa koruma konularında sürdürülebilirlik temelinde akılcı ve uygulanabilir çözümler üretebilme

P.O. 11 : Peyzaj yapıları ve malzemelerini tanıyabilme, konstrüksiyon detayları geliştirebilme ve peyzaj mühendisliği temelinde uygulama becerisi kazanabilme

P.O. 12 : Fikirlerini ve çözüm önerilerini sözlü, yazılı ve grafik anlatım teknikleri kullanarak anlatabilme

P.O. 13 : Yaşam boyu öğrenme bilinci kazanabilme

P.O. 14 : 3 Boyutlu düşünebilme, tasarım konularında yaratıcı olabilme

L.O. 1 : Şehir ve Bölge planlama ile ilgili temel kavramları bilir.

L.O. 2 : Farklı ölçeklerdeki mekân kavramlarını bilir ve günlük hayatla ilişkilendirebilir.

L.O. 3 : Planlama hiyerarşisinin önemini bilir.

L.O. 4 : Fiziksel planlama ve peyzaj mimarlığı arasındaki ilişkiyi bilir