

**KIRKLARELI UNIVERSITY
FACULTY OF ARCHITECTURE
DEPARTMENT OF URBAN AND REGIONAL PLANNING**

GENERAL OVERVIEW OF THE COURSES

SEMESTER 1

**PRINCIPLES OF ATATURK AND HISTORY OF THE TURKISH REVOLUTION - I
Course Code: UNV13103 Credit: 2 ECTS: 2**

The objectives of Principles of Atatürk and History of the Revolution course; the course related concepts, the developments leading to the Turkish Revolution, the collapse of the Ottoman Empire, the efforts for the revival of the Ottoman Empire, stream of thoughts in the Ottoman Empire, the Ottoman Empire at the beginning of the 20th century, the World War I, the Ottoman Empire entry into the World War I and its frontlines, the Armenian Deportation, secret agreements against the Ottoman Empire, Wilson Principles, the end of war and treaties for the peace, the outcomes of the war, The Armistice of Moudros and first invasions, the preparation period for the National Struggle, the situation of the state after the Armistice of Moudros and minorities' actions, the societies established after the Armistice of Moudros (harmful to national unity, national societies), the invasion of İzmir and reactions against the invasion, circulars, the periods of congresses and the opening of the Turkish Grand National Assembly, (Mustafa Kemal Pasha's arrival to Istanbul and his actions in Istanbul, Mustafa Kemal's entourage to Samsun and actions in Samsun, Mustafa Kemal Pasha's actions in Havza, the Amasya Circular, the Erzurum Congress, the Sivas Congress, the Reperesantation Committe's arrival to Ankara, the opening ceremonies of the last Ottoman Chamber of Deputies, making the decisions of National Pact (Misak-ı Milli) and its actions, the invasion of Istanbul, the dismissal of the Ottoman Chamber of Deputies and Mustafa Kemal's position for this situation, the inaguration of the Turkish Grand National Assembly), the first works of the Turkish Grand National Assembly and its specifications, the rebellions during the period of the National Struggle, new projects of the Entente States, the frontlines in the Independence War, (the Southern Front, the Eastern Front, the Westen Front) Lozan Conference and Peace Treaty.

**FOREIGN LANGUAGE (ENGLISH) - I
Course Code: UNV13105 Credit: 4 ECTS: 4**

This course aims to provide students with sufficient skills to understand and use familiar everyday expressions and very basic phrases aimed at the satisfaction of needs of a concrete type; to introduce themselves and others and ask and answer questions about personal details such as where they live, people they know and things they have; and to interact in a simple way provided the other person talks slowly and clearly and is prepared to help.

URBAN ECONOMICS

Course Code: PLN14107 Credit: 2 ECTS: 2

Understanding the economic base of the city and factors of location decision.

HISTORY OF URBANIZATION - I

Course Code: PLN14105 Credit: 2 ECTS: 3

The aims of the course are to provide the students will understand of the city phenomenon and the multidimensional relation of the city. They will be able to evaluate how social, economic, technologic and politic factors determine the pattern of settlements in different cultures.

Urbanization, settlement patterns and planning in the West and the East world from ancient times to the industrial revolution and their critical evaluation in relation to cultural entities. - Neolithic settlements in Anatolia: the case of Çatalhöyük , - Urban revolution, the era of cities and kingdoms (Bronze Age) , - The transportation and settlement network in Hittites Anatolia and the capital city Hattuşa, - Antiquity Greek City: Polis and Ionian Cities. - The city in imperial age, Roman Empire- The city in medieval Europe, - Urban planning and design in Renaissance thought, - Enlightenment, industrial revolution and modern city - Urbanization, urban problem and new approach to city during the 19th century. - Early 20th century, modernization, functionalism, CIAM and other developments.

MATHEMATICS

Course Code: PLN14107 Credit: 3 ECTS: 4

The aims of the course are to demonstrate basic concepts belongs to Mathematical Analysis, to gain limit, continuity and derivative of univariate functions, to gain indefinite integral, definite integral, Riemann integral, improper integral, cubing, surface area calculation.

REPRESENTATION TECHNIQUES IN URBAN PLANNING - I

Course Code: PLN14103 Credit: 2 ECTS: 3

The main aim of this course is to provide the students general knowledge about drawing techniques such as Elements of urban space and observation of urban built environment components in urban area; Creative graphical presentation techniques.

Basic Drawing Techniques and Graphical skills as perspective drawing, colouring techniques, hatching methods; Model techniques; Observation and analysis of urban space with respect to natural and built area; Technical knowledge about map, plan drawing, scale, density, etc.; Graphical and drawing practices (with the studio and take home) in presentation processes.

BASIC DESIGN

Course Code: PLN14101 Credit: 5 ECTS: 10

Basic Design course aims at enabling architecture and planning students to gain awareness of spaces through “perception, comprehension and expression” processes and to evaluate the abstract thinking skills in the context of problem solving at different scales.

Students are expected to use common pattern language composed of dot, line, shapes, texture and structure to interpret the social and psychological aspects of existing environment. Basic design principles such as harmony, contrast, balance, scale, proportion are being experienced during this process within daily workshops. Throughout the final workshops, content of the course focuses on meaning of relation between subject and object, and their interaction in space, time and place to define contemporary facts in urban environment.

TURKISH LANGUAGE - I

Course Code: UNV13101 Credit: 2 ECTS: 2

The objective of this course is to show the students characteristics and rules of Turkish Language through examples; make them achieve the habit and skill of showing their emotions, thoughts, plans, impressions, observations, and experiences accurately and efficiently in writing and verbally; develop their vocabulary with the help of written and verbal texts; teach them the rules of comprehending accurately the texts they read or programs they listen to; develop their language skills which form the basis of the communication between individuals and populace.

SEMESTER 2

PRINCIPLES OF ATATURK AND HISTORY OF THE TURKISH REVOLUTION-II

Course Code: UNV13104 Credit: 2 ECTS: 2

The objective of this course is to summarize political developments in completed phase of Turkish Revolution and establishment process of new state, Ataturk Revolutions in the political and social fields.

FOREIGN LANGUAGE (ENGLISH)- II

Course Code: UNV13106 Credit: 4 ECTS: 4

This course aims to provide students with sufficient skills to understand and use familiar everyday expressions and very basic phrases aimed at the satisfaction of needs of a concrete type; to introduce themselves and others and ask and answer questions about personal details such as where they live, people they know and things they have; and to interact in a simple way provided the other person talks slowly and clearly and is prepared to help.

STATISTICS

Course Code: PLN14108 Credit: 3 ECTS: 3

This course aims to show and put emphasize on the methods and techniques used in urban and regional planning. Spatial analyses of data and distributions, deductive approaches to the outcomes of data analysis.

URBAN SOCIOLOGY

Course Code: PLN14110 Credit: 2 ECTS: 3

Basic concepts of sociology; Social change in urban areas in relation to economical and technological dynamics, reflection of past facts to the current milieu; Analysis of urban social structure; Urbanism; Problems of urban societies-employment, dwelling, social stratification, urban culture, social justice, urban management, etc.)

HISTORY OF URBANIZATION - II

Course Code: PLN14106 Credit: 2 ECTS: 3

It will be examine that cultural, political and commercial relation between Anatolia and other Mediterranean cultures and transformation of transportation and settlement network in Anatolia from 10th to early 20th century with determinants factors in this process. It is emphasized that the position of city and its role. Urban form determinants, urbanization, state interference on urban space and the transformation of city planning concepts in the time periods will be examined. - The settlements in Anatolia Byzantine Age, from polis to kastron. - The transportation and settlement network between 12th and 14th century. - The Ottoman city in early period: the case of Bursa. - The transportation and settlement network during the Ottoman Imperial Period. - The Ottoman urban administration and urban institution in pre-modern age. - The Spatial organization and urban form characteristics of the Ottoman Anatolian cities. - Transformation the Ottoman urban administration system during the modernization process. - The Ottoman cities in 19th century. - Building activities and urban planning during the late 19th century and early 20th century. - Urban development and city planning in the early Republic Period of Turkey. - Urbanization, urban problems and planning until the year of 1970.

PLANNING STUDIO - I

Course Code: PLN14102 Credit: 5 ECTS: 10

This planning studio aims to provide students with enlightening and cognition of main issues in urban planning such as comprehension of physical and social environment, scale, climatic features, built environment and elements, site investigation, settlement population, mobility, sense of belonging, individuality, society and location choice. Developing problem definition and solving skills by means of written, verbal and graphic representation communication and modeling techniques. Improving the consciousness related to sustainability and identity of settlement and conducting in team work.

Teaching Methods and Techniques are drawing tools, model and material definition; Written, oral, freehand graphical and drawing presentations, scale and cartography, information on plan, section and view, natural structural elements and settlement relations, identity of settlement, topography and natural structure analyses, exercises related to these analyses and synthesis. Introductory level subjects; Development of human being and society and spatial differentiation, spatial relations, function-space relationship, transportation, urban space, vision - perception, elements that form the urban space, image. Building, building scale, floor area

ratio (F.A.R.) and building coverage ratio (B.C.R.), volume, building order, density, different analysis and representation techniques for different spaces ranging from building vicinity to urban scale, street, square, open space, green areas, human scale. Technical representation of all works and practices held in the project.

REPRESENTATION TECHNIQUES IN URBAN PLANNING - II

Course Code: PLN14104 Credit: 2 ECTS: 3

The main aim of this course is to provide the students general knowledge about professional computer skills on basic presentation techniques, drawing techniques such as elements of urban space and observation of urban built environment components in urban area; creative graphical presentation techniques.

TURKISH LANGUAGE - II

Course Code: UNV13102 Credit: 2 ECTS: 2

The objective of this course is to show the students characteristics and rules of Turkish Language through examples; make them achieve the habit and skill of showing their emotions, thoughts, plans, impressions, observations, and experiences accurately and efficiently in writing and verbally; develop their vocabulary with the help of written and verbal texts; teach them the rules of comprehending accurately the texts they read or programs they listen to; develop their language skills which form the basis of the communication between individuals and populace.

SEMESTER 3

GEOGRAPHIC INFORMATION SYSTEMS

Course Code: PLN14207 Credit: 2 ECTS: 3

The objective of this course is teaching and implementing the Geographical Information System, which is one of the essential parts of urban design and city planning process.

For this aim, collecting spatial data related with urban area, saving into databases, editing spatial data, creating attribute and spatial queries, using variable statistical tools, crating thematic maps; preparing presentation and layouts showing virtual city model.

VISUAL PRESENTATION TECHNIQUES

Course Code: PLN14211 Credit: 2 ECTS: 2

This course includes true depiction of objects, description of colors, material and texture effects in drawing with different techniques and drawing method for artistic perspective.

information will be provided about visual presentation techniques lecture program and its method. The difference of art and design sketching techniques, visual presentation of interior architectural forms and previous workings. Choosing forms of contemporary furnitures.

Coloring techniques - examples of previous workings will be drawn. Using of all techniques together. Presentation of color, texture, and material.

FOREIGN LANGUAGE (ENGLISH) - III

Course Code: UNV13201 Credit: 4 ECTS: 4

This course aims to provide students with sufficient skills to understand sentences and frequently used expressions related to areas of most immediate relevance (e.g. very basic personal and family information, shopping, local geography, employment); to communicate in simple and routine tasks requiring a simple and direct exchange of information on familiar and routine matters; and to describe in simple terms aspects of their background, immediate environment and matters in areas of immediate need.

URBAN GEOGRAPHY

Course Code: PLN14209 Credit: 2 ECTS: 3

This course aims to discuss how geographies of cities have changed from industrial to post-industrial cities within time, by focusing on the changing economies of cities, emergent new urban economies and new urban forms. In the light of these discussions new geographies of old industrial cities will be studied by analyzing the projects realized in the western European countries and criticisms will be made accordingly.

URBAN PLANNING THEORY AND TECHNIQUES

Course Code: PLN14205 Credit: 2 ECTS: 4

The overarching goal of the course is to enable the students to develop competing convictions; in theoretical terms, the course will facilitate a thorough understanding of linkages methodology and praxis. The course aims to provide the students with planning thought and theories from early post war theory to planning theory to 1990s such as town planning as physical planning and design to system planning, rational planning, paradigm shifts, modernism and post-modernism.

INTRODUCTION TO ARCHITECTURE

Course Code: PLN14203 Credit: 2 ECTS: 3

Aim of the course is to inform students about architecture and its practices, to introduce design and planning process in architecture and to gain ability to understand the relation of human and built environment.

PLANNING STUDIO - II

Course Code: PLN14201 Credit: 5 ECTS: 10

The objective of this course is to improve skills of students related to comprehension, cognition and interpretation of natural, social and physical environment, to develop skills of written, verbal and graphic representation of perceived environment.

ORAL PRESENTATION SKILLS

Course Code: PLN14213 Credit: 2 ECTS: 2

The aim of the course is to repeat rhetoric and presentation facts in detail and make the students aware of eloquence and presentation.

ART AND PHILOSOPHY IN 20. CENTURY

Course Code: PLN14215 Credit: 2 ECTS: 2

Teaching the history of 20th Century Art, the main trends in modern art. Transition into modernist era. Modernism. Comment on painting, sculpture, and architecture creations and artists in the process from modernism to present.

SEMESTER 4

ECOLOGY AND SUSTAINABILITY

Course Code: PLN14206 Credit: 3 ECTS: 4

This course aims to explain the concept of urban ecology, to examine the relation between cities as an urban-industrial ecosystems and nature, and to discuss ecological urban planning processes and implications.

URBAN IDENTITY AND SPATIAL MEMORY (Optional Course)

Course Code: PLN14212 Credit: 3 ECTS: 3

This course aims a comprehensive analysis of urban identity and urban image concepts in theoretical and practical basis through Turkish and World cities, to produce cognitive and identity maps which formed by the perception and evaluation of the environment and will be an input for urban design and planning studies. And, to teach the students evaluating these produced maps in the planning process.

URBAN MORPHOLOGY (Optional Course)

Course Code: PLN14216 Credit: 3 ECTS: 3

To study requirements on the urban design with the analyse of urban patterns which contains sustainable, contemporary, productive structures.

CITY AND PHILOSOPHY (Optional Course)**Course Code: PLN14214 Credit: 3 ECTS: 3**

Questioning of scientific features of planning; Analysis of human biological and psychological characteristics; Criticized analysis with respect to socio-philosophical concepts; cause and effect relationships and discussions of methods; Utopia for solutions towards global problems.

SPATIAL ANALYSIS TECHNIQUES (Optional Course)**Course Code: PLN14210 Credit: 3 ECTS: 3**

Science and research; Basic concepts; Stages of a research; Research approaches; Widely used research techniques; Gathering information, analysing and evaluation of existing literature; Technical Writing.

This course consists of three parts: (I) Theoretical framework and methods of problem analysis; (II) Observation and data collection techniques; classification and comparison of data; (III) Verbal and statistical interpretation of data; presentation of results; how to write a report dissertation.

HOUSING DESIGN AND PRINCIPLES**Course Code: PLN14204 Credit: 3 ECTS: 4**

The purpose of the link between dwelling planning, design, implementation.

PLANNING PRACTICE**Course Code: STAJ14001 Credit: 0 ECTS: 4**

The objective of this course is to enable the students to familiarize with the fields (public or private) in which they may work, guide them for their future careers and learn their responsibilities as a city planner.

POPULATION DYNAMICS AND PLANNING**Course Code: PLN14208 Credit: 2 ECTS: 3**

Put emphasis on migration processes: in and out migration, migration models, role of migration in urban growth, transition probabilities between cohorts, internal structure of population, life expectancy, in city mobilities, population dynamics related housing problems are main the concerns of the course.

PLANNING STUDIO- III

Course Code: PLN14202 Credit: 5 ECTS: 10

To provide knowledge and skills on settlement systems, regional land use and regional transportation systems. To provide knowledge and skills on analysis of the existing demographic and economic structures

To provide knowledge and skills on techniques for evaluation of analysis outcomes. To provide knowledge and skills on developing scenario alternatives based on evaluation to provide the necessary basis for the project courses of following terms.

SEMESTER 5

URBAN MANAGEMENT (Optional Course)

Course Code: PLN14305 Credit: 3 ECTS: 3

The concept of society and politics relationship, society and its place in society and its branches in the context of the main principles of management to discuss the concept of law, as a tool for the evaluation of a policy planning and community relations, especially in the processes of participation will be discussed. The concept of social responsibility of public concepts of planning, comprehend the importance of the concepts of planning, management and governance processes. The evaluation of current practices, in the management and planning of urban concepts, processes and actors.

URBAN INFRASTRUCTURE (Optional Course)

Course Code: PLN14311 Credit: 3 ECTS: 3

Introducing urban vital systems-electricity, gas, fresh water, sewage, garbage, etc. to students. recycling methods, characteristics of infrastructures and their technical limitations, how they use in planning, gain some skill on practices capacity. Types of urban infrastructure - systems of electricity, communication, gas, fresh water, sewage, garbage; Infrastructural demands and how the demands are meet; Planning process, design principles and performances; Techniques of land suitability analysis; Integration of land use and infrastructure planning.

URBAN TRANSFORMATION; CONCEPTS, THEORIES AND PRACTICES (Optional Course)

Course Code: PLN14313 Credit: 3 ECTS: 3

To understand the changing dynamics of the urban system and in the historical process, reflection of urban space conversion models and tools in this process as compared to transfer. Transformation / exchange cases and examine the conceptual dimension of; caused by an association of cities, which a ball is constantly in motion identification, social, economic and political processes, and how it affects the breaking points, which passed the investigation and social and economic dynamics of this has found reflection in urban space to discuss how to.

For this purpose, the application of theoretical knowledge as well as samples of our country and the world, aimed to discuss.

URBAN CONSERVATION AND REGENERATION

Course Code: PLN14307 Credit: 3 ECTS: 4

To give the students in-depth knowledge on the importance and place of the concept of urban conservation in the planning discipline and familiarize them with the discussions on urban conservations.

URBAN DESIGN – I

Course Code: PLN14303 Credit: 3 ECTS: 4

To make assessment in all relationship system and according to user requirements for future, first, to put forward analysis in urban dimension within the integrity of city; to reflect the information, document and results obtained from analysis in accordance with functional and spatial requirements to the study area then to project urban design solutions by concept of integrated urban area.

URBAN TRANSPORTATION

Course Code: PLN14305 Credit: 2 ECTS: 3

Inform about transportation system, its elements and relations with land use, basic theories on transport and transportation planning, examples from practices.

PROFESSIONAL ETHICS (Optional Course)

Course Code: UNV13003 Credit: 2 ECTS: 3

The objective of this course for students to learn the codes professional ethics of city planning to be applied. In the course, after lecturing the basic elements of general moral philosophy as an introduction, applicable professional ethical principals in our country and in the world will explained. Students, after taking the course, are expected to increase their capacity to command city planning profession which has a very comprehensive application field in a realistic frame.

PLANNING STUDIO – IV

Course Code: PLN14301 Credit: 5 ECTS: 10

To provide knowledge and skills on site planning techniques that will realize the settlement scenarios developed in Project III course. To provide knowledge and skills on developing decision making alternatives for site planning and design by considering environmental dynamics.

ETHICS OF PLANNING AND DESIGN (Optional Course)**Course Code: PLN14309 Credit: 3 ECTS: 3**

To develop the knowledge and understanding and to increase the competency of the students on the culture and values and ethical principles as well as responsibilities that have been developed historically and scientifically and ties the occupational members of the planning profession, which deals with the production of public interest and publicities.

HISTORY OF ART (Optional Course)**Course Code: UNV13010 Credit: 2 ECTS: 2**

This course aims to raise awareness of various disciplines by introduction of art history.

STRATEGIC MANAGEMENT (Optional Course)**Course Code: UNV13006 Credit: 2 ECTS: 2**

In this lesson, the information about strategic management is given the activities of the managers that should be implemented for determining the ways that enterprises will follow in the future are being explained and the methods of internal and external environment analysis for gaining competitive advantage are being stated.

SUSTAINABLE URBANIZATION ACTORS AND EFFORT (Optional Course)**Course Code: PLN14317 Credit: 3 ECTS: 3**

The comprehension of student the integrated relationship between sustainability, environment, and planning and the responsibility of planner and planning process in protection of natural values, and acquaint students with methods and techniques of sustainable planning.

SEMESTER 6**ENVIRONMENTAL IMPACT ASSESSMENT (Optional Course)****Course Code: PLN14310 Credit: 2 ECTS: 2**

The basic aim of this course is to present Environmental Impact Assessment (EIA) and Strategic Environmental Assessment (SEA) which are developed as implementation means in the context of sustainable development, and to establish their relation with urban planning. Also in this course, approach ways of these tools to environmental problems are evaluated and so that this course aims to provide a critical perspective.

GEOGRAPHIC INFORMATION SYSTEMS

Course Code: PLN14306 Credit: 2 ECTS: 4

GIS as a time saving and facilitative instrument has wide area of usage in all stages of planning processes. Introduce students to GIS so that they can be able use questioning data and supporting decisions in the planning. Introduction to GIS, its main functions and components; How GIS basically works? Main concepts on geographical entities. Data collection techniques and data quality in GIS. Spatial analysis in GIS. Spatial queries, union, overlay, buffering and a proximity analyses. Urban Information Systems (UIS) . Main functions of UIS. Requirements and information management procedures in UIS.

URBAN GROWTH AND LAND POLICY (Optional Course)

Course Code: PLN14314 Credit: 2 ECTS: 2

This course aims at defining urbanization and urban growth, presenting the theories of urban growth and structure with the circumstances under which they have developed, getting to comprehend the accounts of urban sprawl and rural-urban fringe, interpreting the theory of rent, and analysing the relationships between land policy and urban government.

URBAN DESIGN– II

Course Code: PLN14304 Credit: 3 ECTS: 4

To evaluate an urban area, which covers settlement patterns with open public area use in all interactive systems, and planning forward according to user requirements.

PLANNING PRACTICE - II

Course Code: STAJ14002 Credit: 0 ECTS: 4

The objective of this course is to enable the students to familiarize with the fields (public or private) in which they may work, guide them for their future careers and learn their responsibilities as a city planner.

LANDSCAPE PLANNING (Optional Course)

Course Code: PLN14318 Credit: 3 ECTS: 3

Present all elements making up landscape (natural, semi-natural, urbanized environment) at various scales (micro-macro), in relation with the natural basis of life (soil-water-air-climate-flora and fauna) and in the scope of a planning approach based on environment and nature conservation, in the light of ecological principles.

PLANNING STUDIO - V

Course Code: PLN14302 Credit: 5 ECTS: 10

To provide knowledge and skills on site planning techniques that will realize the settlement scenarios developed in Project IV course. To provide knowledge and skills on developing decision making alternatives for site planning and design by considering environmental Dynamics.

REMOTE SENSING IN PLANNING (Optional Course)

Course Code: PLN17320 Credit: 2 ECTS: 2

The general lines that form the basis of dense remote sensing, data types, preprocessing stages of the data, the relation of remote sensing to city and region planning will be explained. It is aimed to implement applications involving data generation, mapping, relation with geographic information systems, land cover and usage determination, urbanization monitoring, digital elevation model production for city and regional planning with remote sensing data. The course is suitable to be done in the computer laboratory and the theoretical section will be explained with the virtual presentation.

QUANTITATIVE METHODS IN PLANNING (Optional Course)

Course Code: PLN14316 Credit: 3 ECTS: 3

Adoption of systems approach in urban and regional planning studies; use of urban models in planning problems; allocation of population, employment and economic activities of cities and regions to inner and inter city regions by use of gravity/potential/spatial interaction models; determining suitable areas for different sectors and activities through location models; comprehension of decision making methods and models in planning.

LEGAL ASPECTS OF PLANNING

Course Code: PLN14308 Credit: 2 ECTS: 2

To be foreground in planning is applicability. This requires the legal knowledge. This course provides information for planning and legal size. View the content of this course is the common law, legal regulations and the content of regulation, routes of administration.

METROPOLITAN DEVELOPMENT IN TURKEY (Optional Course)

Course Code: PLN14312 Credit: 2 ECTS: 2

Explain the concept of metropolitan area and metropolitan city and understand the forces on metropolitan development process in Turkey.

SEMESTER 7

DEVELOPMENT OF SPACE AND ACTORS: PARTICIPATORY PROCESSES IN PLANNING (Optional Course)

Course Code: PLN14419 Credit: 3 ECTS: 3

This course aims at the students to comprehend the importance of the participation and collaborative problem solving strategies in planning processes and to learn and discuss the methods and approaches towards realization of the participatory/collaborative models.

REGIONAL PLANNING

Course Code: PLN14405 Credit: 2 ECTS: 3

The course is intended to introduce the concepts of region, development and regional planning. This course aimed to discussion of the basic regional development and planning approaches in Turkey and worldwide which provide regional economic development and guide spatial development.

CONTEMPORARY ISSUES IN CITY AND REGIONAL PLANNING

Course Code: PLN14407 Credit: 2 ECTS: 2

It is aimed to analyze, discuss and write reports on current problems stemming from the planning and implementation practice and the reasons of these problems with respect to the principles of planning, techniques and methodology of planning and the legal framework in the light of various popular court cases.

ADVANCED GEOGRAPHIC INFORMATION SYSTEMS (Optional Course)

Course Code: PLN14415 Credit: 3 ECTS: 3

The aim of the course is to give basic information about the advanced GIS applications, skills and ability to understand concepts is to be applied and can be integrated into the planning process.

URBAN INFORMATION SYSTEM (Optional Course)

Course Code: PLN17425 Credit: 3 ECTS: 3

Local governments in our country need to identify the basic principles of restructuring with using information communication technologies in terms of local administration system, to analyze management problems. The aim of the course is to learn the basic concepts, elements and system requirements of the Urban Information Systems and form the Urban Information Systems dynamically which is necessary to make effective decisions in urban management.

URBAN POLITICS

Course Code: PLN17421 Credit: 2 ECTS: 3

To give an understanding of the impacts of globalization especially on big cities; formation of urban networks and planning within the context of these processes. The main themes of the course consist of: Definitions of metropolitan area. Metropolitan development process and definition. The constitution, developing process and specialities of metropolitan areas in developed and developing countries. Also, spatial development of metropolitan areas in different countries is examined in the context of urban politics and strategies. Main axis of the courses is globalization, metropolitanization and their spatial effects. In this context the metropolitan areas in Turkey, their constitution and development process are handled by examining metropolitan planning definition and its historical development. Evaluating the metropolitan planning and its applications in Turkey in the context of its economic, social and legal elements.

RURAL PLANNING (Optional Course)

Course Code: PLN14417 Credit: 3 ECTS: 3

To aim to provide students with a general knowledge of rural spatial organization, transition between rural settlements, probable clustering of villages (according to Markov chains) , rural population movements, rural development, interaction between rural-urban settlements interactions, dependence of rural to cities.

METROPOLITEN PLANNING (Optional Course)

Course Code: PLN17423 Credit: 3 ECTS: 3

This course aims at defining policy, presenting the theories of urban politics with the circumstances under which they have developed, getting to comprehend the relations between policy and politics, interpreting the spatial development policy followed in Turkey as a case of practice, and analysing the relationships between urban politics and planning policy.

PLANNING STUDIO – VI

Course Code: PLN14401 Credit: 6 ECTS: 12

Determining of function areas in existing settlements and development areas according to high scale strategic plan decisions. Evaluation of scenario choices to determined function areas with various approaches and politics and integration of these approaches with transportation system. Gaining applicable and legal planning and design ability.

PROJECT MANAGEMENT AND FEASIBILITY (Optional Course)

Course Code: PLN14411 Credit: 3 ECTS: 3

The main objective of this course is to describe and demonstrate in general the basic concepts knowledge area of project management, its functional efficiencies and role in urban planning activities. The course is also expected to play a supplementary role in urban transportation planning especially for planners highly interested in implementation of decisions. For those students who are willing to get specialized in identification of macro projects can get benefit for gaining skills in analysing the project proposals and feasibility assessment in management and financement aspects. It is also expected to give students basic knowledge in economical and financial evaluation of transportation systems. For this an emphasis will be given on the ways of interdisciplinary approaches of transport economy and its interactions with those disciplines. Specialities of economical and technical project evaluation methods are the main issues for students concern. Also various activities in project management are tried to be given in details for their perception. Project evaluation and programming techniques are also the main topics of the course together with the theory of organization.

REAL ESTATE VALUATION (Optional Course)

Course Code: PLN14413 Credit: 3 ECTS: 3

It is aimed to explain concepts of real estate, property and valuation including teaching the real estate assessment methods, law and legislation related to real estate and land valuation.

SEMESTER 8

EU SPATIAL DEVELOPMENT POLICIES AND TURKEY (Optional Course)

Course Code: PLN14406 Credit: 3 ECTS: 3

Regional policies of Turkey in an historical perspective will provide a perspective for regional development in Turkey and in Europe. Socio-economic and political trends and policies as well as their spatial reflections will be discussed. The main objective will be the discussions on regional disparities and problems of Turkey as compared to its harmonization efforts with EU.

ACADEMIC RESEARCH METHODOLOGY AND WRITING TECHNIQUES (Optional Course)

Course Code: PLN14412 Credit: 3 ECTS: 3

The aim of this course is; to inform the students about the different research methods and techniques, to give the ability to write a scientific research report and to provide the students to learn the techniques of finding literature, gathering, analyzing and evaluating data and writing report practically.

FINAL PROJECT

Course Code: PLN14404 Credit: 3 ECTS: 10

To prepare a final project which will prove the skills and decision capability that the student get during the urban and regional planning formation from all social, technical lectures in all different fields/disciplines.

CITY AND ART (Optional Course)

Course Code: PLN17420 Credit: 3 ECTS: 3

The aim of the course; Is to understand and interrogate the relationship between art and city by taking the city in a social, physical and economic unity. The content of the course is to examine the urban history with its artistic characteristics, the city and the art in economic terms, and the city and the art in terms of socio-cultural aspects. In addition, the place of art, which is realized in the public space with the course, public space and city concepts, is in the urban fabric, now "Living Cities", "Living Streets" Discussing the reflection of the activities of the activities in the urban space, and studying the urban model under the title of relation between city, music and mathematics.

URBAN CONFIGURATION MODELS (Optional Course)

Course Code: PLN17418 Credit: 3 ECTS: 3

The aim of the course is to introduce the modeling and shaping models of the spatial characteristics of the space in the reading and comprehension of the urban space. It is aimed to teach Space Syntax Analysis Method which is used in the model of spatial formation criteria and allows comparing spatial features and DepthmapX v.0.3 computer program which can be used in analysis studies.

SPATIAL STATISTICS (Optional Course)

Course Code: PLN17416 Credit: 3 ECTS: 3

The course is designed to provide an understanding of statistical analysis and spatial modeling techniques and aims to explain the basic spatial statistical methods used in planning and spatial analysis. Unlike non-traditional spatial statistical methods, spatial statistical methods include direct mathematics (proximity, space, connectivity and / or other spatial relations) to the space. Statistical tools are needed for spatial distributions, analyzes and associations. Examples of these tools are urban fabric analysis, mapping clusters, geographic distribution and spatial relations modeling. It supports the specialization of the "Planning Information Technologies" by the students. All topics covered in the course will be explained with a large number of numerical examples, sample solutions will be given and relations with the planning discipline will be revealed.

CHALLENGES IN CONTEMPORARY PLANNING PRACTICE (Optional Course)
Course Code: PLN14408 Credit: 3 ECTS: 3

Problems encountered in the implementation of variations between areas with planning applications in the theoretical framework is put forward in terms of legal rules causes. The realization of the planning process and the development of the field of application of the plan implementation issues are covered in the seminar. Legal frameworks and changes in the planning process and applications are described with the help of the sampling.

PLANNING STUDIO – VII
Course Code: PLN14402 Credit: 6 ECTS: 12

Stating the different function areas in the settlement related to the settlement s properties. Stating social, physical, economic, politic problems and discussion. Reorganization of the special function areas related to needs and circumstances. Having the general design concept.

ROLE OF COUNTRY REGULATION IN PLANNING SYSTEM (Optional Course)
Course Code: PLN14410 Credit: 3 ECTS: 3

Understanding problems of regions with different development levels and nominating the role of the economic planning. Economic plans and politics that are carried from 1920's to 2000's in Turkey; developed and less developed regions, economic space and the modification role of the planning.

URBAN AND ENVIRONMENTAL ENGINEERING (Optional Course)
Course Code: PLN14414 Credit: 3 ECTS: 3

An ability to understand fundamental concepts of environmental science and engineering and use of this fundamental functions in urban and regional planning.