



MA in Urban Design



DANESHPAJOOHAN PISHRO HIGHER EDUCATION INSTITUTE

- **COURSE CHART**
- **SYLLABUS**
- **SEMESTER CHART**

MA. Urban Design Course Chart

Urban Design Courses						
Course Code	Course Title	Credits	Theoretical	Practical	Pre-requisite	Co-requisite
3014010	Urban Design Theories	3	3	0	-----	-----
3014011	Urban Design Theories with Islamic Approach	2	2	0	Urban Design Theories	-----
3014012	Urban Planning Theories for Urban Designers	2	2	0	-----	-----
3014013	Urban Design Studio-I	3	0	3	-----	-----
3014014	Urban Design Studio-II	3	0	3	Urban Design Studio-I	-----
3014015	Urban Design Studio-III	3	0	3	Urban Design Studio-II	-----
3014016	Urban Design Methods and Techniques-I	2	1	1	-----	-----
3014017	Urban Design Methods and Techniques-II	2	1	1	-----	-----
3014018	Thesis	6	0	6	-----	-----
Total Credits		26				

Elective Courses (not complete)						
Course Code	Course Title	Credits	Theoretical	Practical	Pre-requisite	Co-requisite
3014027	Inland Urban Transportation Design	2	2	0	-----	-----
3014028	Environmental Psychology	2	2	0	-----	-----
3014029	Advanced Research Methods	2	2	0	-----	-----
Total Credits		-	Note: students have to pass 6 credits from elective courses			

MA in Urban Design Syllabus

Urban Design Theories

Course Code	Course Title	Credits	Theoretical	Practical	Pre-requisite	Co-requisite
3014010	Urban Design Theories	3	3	0	-----	-----

The main objectives of this course are providing students with an introduction to the urban design processes, as well as helping them recognize and analyze the existing theories within the field of urban design.

Urban Design Theories with Islamic Approach

Course Code	Course Title	Credits	Theoretical	Practical	Pre-requisite	Co-requisite
3014011	Urban Design Theories with Islamic Approach	2	2	0		-----

- Recognizing the theories, concepts, paradigms, and efforts that emerged after the industrial revolution in response to the phenomena of city, in particular, and living centers, in general, in the 19th century, and their effects in the current century
- Recognizing the theories, concepts, paradigms, and their spatial-physical manifestation all around the world from 1900 to 1960
- Understanding the evolution, processes and transformations of urban development ideas from 1960s to the present
- Obtaining proper methods to handle the issues of living centers in small and large scales, and trying to find a suitable definition for it in Iran

Urban Planning Theories for Urban Designers

Course Code	Course Title	Credits	Theoretical	Practical	Pre-requisite	Co-requisite
3014012		2	2	0	-----	-----

This course aims to provide an introduction to the methods and techniques of creating programs, urban standards and criteria, the assessment of projects and their practical performance methods, and technical, human, managerial and legal limitations of project executions.

Urban Design Studio-I

Course Code	Course Title	Credits	Theoretical	Practical	Pre-requisite	Co-requisite
3014013	Urban Design Studio-I	3	0	3	-----	-----

Doing three urban design projects in the form of sketches, introduces urban design students to the contents, subjects and different types of urban design projects, with a preliminary practical experience. The practices of this studio with emphasis on the capabilities of hand drawing, information gathering, creativity and imagination, are offered in small scales and help students find out suitable solutions, considering the types of urban spaces and different levels of

complexity in urban issues. Quick readings, uniform analyses, and presenting detailed designs are some of the features used in the sketches in this studio.

Urban Design Studio-II

Course Code	Course Title	Credits	Theoretical	Practical	Pre-requisite	Co-requisite
3014014	Urban Design Studio-II	3	0	3		-----

The objective of this course is to do a comprehensive urban design project based on all the teachings throughout the program, and complements Urban Design Studio-I.

The main features of this course are:

- Vast scale
- Content diversity
- High complexity
- Realistic decision making for urban issues

Urban Design Studio-III

Course Code	Course Title	Credits	Theoretical	Practical	Pre-requisite	Co-requisite
3014015	Urban Design Studio-III	3	0	3		-----

This course aims to prepare students to do a complete urban design project from the beginning to the final steps, including clarifying the problem, choosing a suitable approach, studying the theoretical aspects, compiling the project goals, and preparing the organization plans. Studying the execution feasibility and realizability of the project goals are also the aims of this studio. The concentration of this studio is on actual designs and subjects that are within the scope of urban design related organizations. The application of indigenous aspects of urban design which establishes further connections with urban development priorities of the country, are also emphasized in this studio.

Urban Design Methods and Techniques-I & -II

Course Code	Course Title	Credits	Theoretical	Practical	Pre-requisite	Co-requisite
3014016	Urban Design Methods and Techniques-I	2	1	1	-----	-----
3014017	Urban Design Methods and	2	2	0	-----	-----

The main objectives of these courses are to teach urban design methods and techniques. To do so, these courses first indicate how to view, analyze, interpret, compare, assess and come up with the main idea of the project, and eventually teach how to do the designing. These courses intend to build up professional urban design skills, to be used in two urban studios in master's degree program and later in urban design professions.

MA in Urban Design Syllabus

Thesis

Course Code	Course Title	Credits	Theoretical	Practical	Pre-requisite	Co-requisite
3014018	Thesis	6	0	6	-----	-----

In this project students will choose and study a specific subject or problem and find its answer or solution, through practical analyzing, experiencing, and experimenting. Eventually, students will compile their theses and present them as their final project.

Inland Urban Transportation Design

Course Code	Course Title	Credits	Theoretical	Practical	Pre-requisite	Co-requisite
3014027	Inland Urban Transportation Design	2	2	0	-----	-----

- Introduction to urban transportation network
- Introduction to the principles of transportation network design and creating its required skills
- Implementing a set of actions in order to improve the status of urban transportation networks and to reduce its problems

Environmental Psychology

Course Code	Course Title	Credits	Theoretical	Practical	Pre-requisite	Co-requisite
3014028	Environmental Psychology	2	2	0	-----	-----

The objectives of this course are to:

- Identifying the behaviors of space users and its influencing factors
- Human responses in interaction with different spaces

Advanced Research Methods

Course Code	Course Title	Credits	Theoretical	Practical	Pre-requisite	Co-requisite
3014029	Advanced Research Methods	2	2	0	-----	-----

This course intends to provide an introduction to the concepts, principles, general circumstances, and regulation of preparing the thesis.

