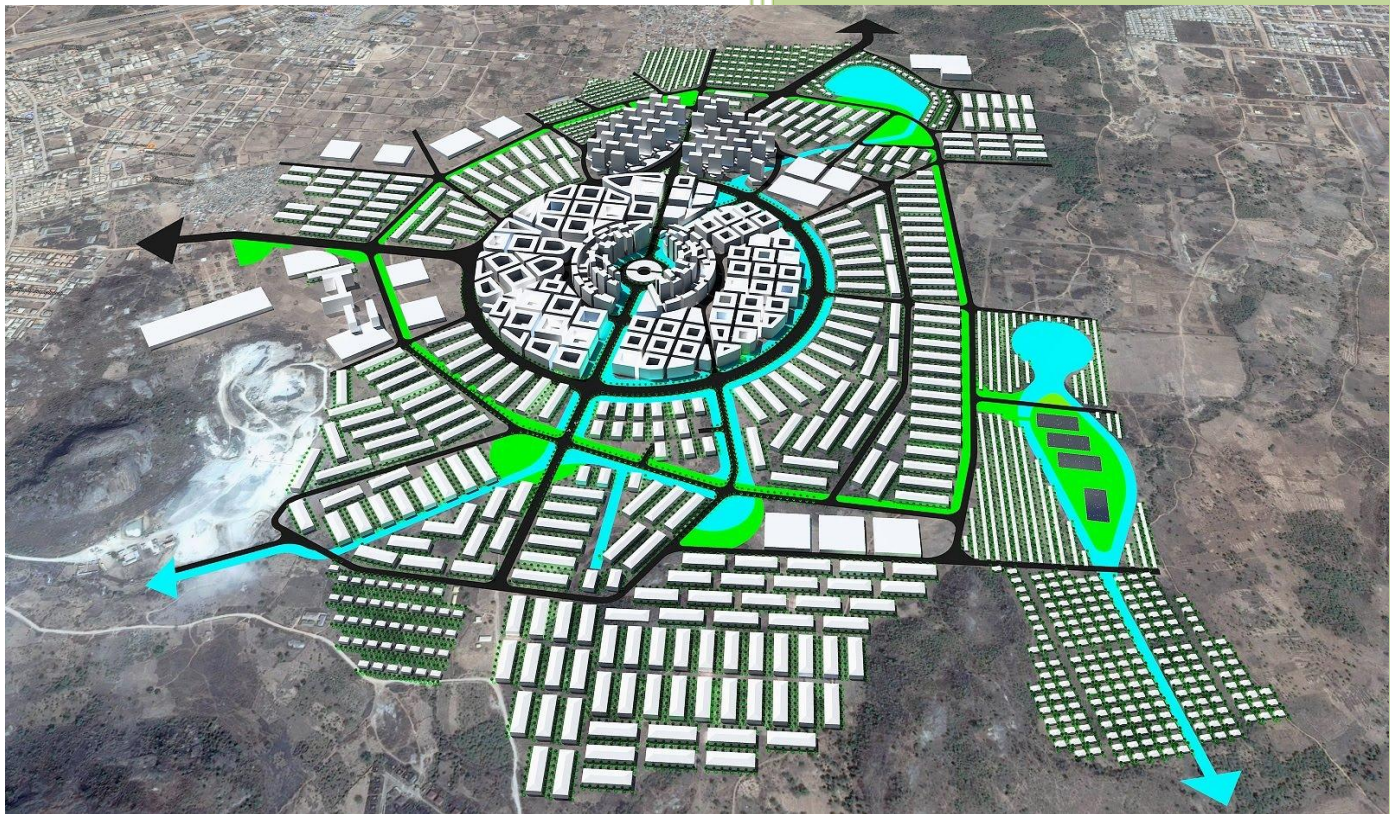




MA in Urban Planning



DANESHPAJOOHAN PISHRO HIGHER EDUCATION INSTITUTE

- COURSE CHART
- SYLLABUS
- SEMESTER CHART

MA. Urban Planning Course Chart

Urban Planning Courses						
Course Code	Course Title	Credits	Theoretical	Practical	Pre-requisite	Co-requisite
3012011	Urban Planning Theories	2	2	0	-----	-----
3012012	Urban Planning Methods	2	2	0	-----	-----
3012013	Land use planning	2	2	0	-----	-----
3012014	Inland Urban Transportation Planning	2	2	0	-----	-----
3012015	Urban Development Theories with Islamic Approach	2	2	0	-----	-----
3012016	Housing Planning	2	2	0	-----	-----
3012017	Experiences of Urban Planning in Iran	2	2	0	-----	-----
3012018	Urban Planning Studio-I	3	0	3	Urban Planning Theories	-----
3012019	Urban Planning Studio-II	3	0	3	Urban Planning Studio-I	-----
3012021	Thesis	6	0	6	-----	-----
Total Credits		26				

Elective Courses (not complete)						
Course Code	Course Title	Credits	Theoretical	Practical	Pre-requisite	Co-requisite
3012044	Advanced GIS	2	2	0	-----	-----
3012046	Advanced Research Methods	2	2	0	-----	-----
3012047	English for Urban Planning	2	2	0	-----	-----
Total Credits		-	Note: students have to pass 6 credits from elective courses.			

Urban Planning Theories

Course Code	Course Title	Credits	Theoretical	Practical	Pre-requisite	Co-requisite
3012011	Urban Planning Theories	2	2	0	-----	-----

This course intends to provide an introduction to urban planning theories, the evolution of these theories, and the contemporary urban planning theories.

Urban Planning Methods

Course Code	Course Title	Credits	Theoretical	Practical	Pre-requisite	Co-requisite
3012012	Urban Planning Methods	2	2	0	-----	-----

- Introduction to the methods of anticipation and analysis of urban spatial structure
- Introduction to the integration methods of urban studies

Land Use Planning

Course Code	Course Title	Credits	Theoretical	Practical	Pre-requisite	Co-requisite
3012013	Land Use Planning	2	2	0	-----	-----

This course aims to provide an introduction to the domestic and global theories and experiences about urban land use planning, the study of economic, social, cultural, physical, and environmental aspects of land use, land use indexes, land use regulations and laws, land use in urban development plans, and land use in transportation.

Inland Urban Transportation Planning

Course Code	Course Title	Credits	Theoretical	Practical	Pre-requisite	Co-requisite
3012014	Inland Urban Transportation Planning	2	2	0	-----	-----

- Introduction to transportation planning and different types of urban transportation systems
- Implementing methods to exploit the existing possibilities and equipment
- Implementing a set of actions in order to improve the status of urban transportation and to reduce its problems

Urban Development Theories with Islamic Approach

Course Code	Course Title	Credits	Theoretical	Practical	Pre-requisite	Co-requisite
3012015	Urban Development 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

Housing Planning

Course Code	Course Title	Credits	Theoretical	Practical	Pre-requisite	Co-requisite
3012016	Housing Planning	2	2	0	-----	-----

This course aims to provide an introduction to the domestic and global theories and experiences about housing planning, the study of economic, social, cultural, and physical aspects of land use, land use indexes, recognizing the qualitative and quantitative goals of housing plans, analyzing housing plans in Iran, supply and demand parameters, management and organization, the importance of housing in urban development policies, programs and plans, the study of housing paradigms, and the processes of housing planning in national and regional scales.

Experiences of Urban Planning in Iran

Course Code	Course Title	Credits	Theoretical	Practical	Pre-requisite	Co-requisite
3012017	Experiences of Urban Planning in Iran	2	2	0	-----	-----

- Comparing ‘Goal Approach’ and ‘Process Approach’ in urban development theories
- Obligatory planning in urban development
- Experiences of urban planning in the world
- Experiences of urban planning in Iran
- The essence, concept, fundamentals and results of urban planning
- The outcomes of official and unofficial urban housing
- ...

Urban Planning Studio-I

Course Code	Course Title	Credits	Theoretical	Practical	Pre-requisite	Co-requisite
3012018	Urban Planning Studio-I	3	0	3	Urban Planning Theories	-----

The objective of this studio is to apply the theoretical knowledge taught through the urban planning courses, into the preparation of a strategic urban plan for a small town.

Urban Planning Studio-II

Course Code	Course Title	Credits	Theoretical	Practical	Pre-requisite	Co-requisite
3012019	Urban Planning Studio-II	3	0	3	Urban Planning Studio-I	-----

The main objective of this course, being a complementary studio for Urban Planning Studio-I, is to apply the students' theoretical knowledge, practical aspects and professional skills into a scientific and practical understanding of urban development issues. The practical part of this studio is to prepare new urban development plans, and to assess existing urban development plans or urban districts organization and management plans.

Thesis

Course Code	Course Title	Credits	Theoretical	Practical	Pre-requisite	Co-requisite
3012021	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.

Advanced GIS

Course Code	Course Title	Credits	Theoretical	Practical	Pre-requisite	Co-requisite
3012044	Advanced GIS	2	2	0	-----	-----

- The importance of information in urban management
- Database structure in GIS
- The role of remote sensing
- The role of GIS
- Required hardware and software to make GIS
- Spatial data and error correction
- General software such as AutoCAD, MAP, ARCGIS, Idrisi
- Field trips in GIS centers

Advanced Research Methods

Course Code	Course Title	Credits	Theoretical	Practical	Pre-requisite	Co-requisite
3012046	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.

English for Urban Planning

Course Code	Course Title	Credits	Theoretical	Practical	Pre-requisite	Co-requisite
3012047	English for Urban Planning	2	2	0	-----	-----

This course provides an introduction to the technical words and expressions within the field of urban planning, to help students better understand and use English urban related texts.

Total	<div style="border: 1px solid black; padding: 5px; display: inline-block; margin-bottom: 5px;"> Guide Urban Planning: UP Elective: E Prerequisite: Pr </div>															Semester	
	MA. Urban Planning Semester Chart																
10	Urban Sociology		Advanced GIS		Understanding and analyzing urban spaces		English for Urban Planning		Land use planning		Urban Planning Theories		Housing Planning		Course title		1
	2	Pr	2	E	2	Pr	2	E	2	UP	2	UP	2	UP	Credits	Course type according to the guide	
11	Statistics in urban planning		Advanced Research Methods		Inland Urban Transportation Planning		Urban Development Theories with Islamic Approach		Urban Planning Methods		Urban Planning Studio-I				2		
			2	Pr	2	E	2	UP	2	UP	2	UP	3	UP			
11									Thesis		Experiences of Urban Planning in Iran		Urban Planning Studio-II				3
									6	UP	2	UP	3	UP			
													Thesis				4
													6	UP			