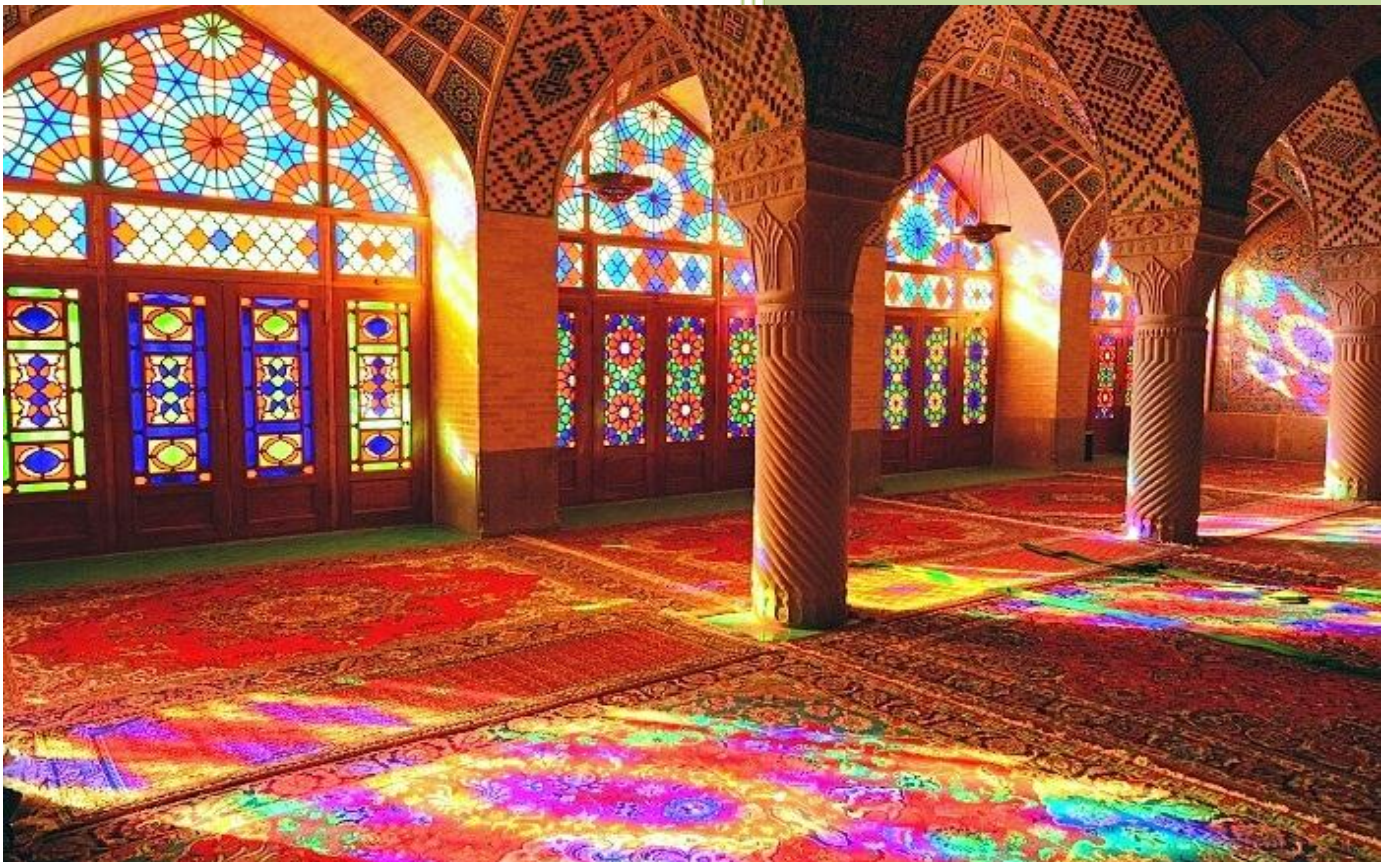


# MA in Islamic Architecture



DANESHPAJOOHAN PISHRO HIGHER EDUCATION INSTITUTE

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

## MA. Islamic Architecture Course Chart

Islamic Architecture Courses						
Course Code	Course Title	Credits	Theoretical	Practical	Pre-requisite	Co-requisite
3011013	Art from Islamic Viewpoint	2	2	0	-----	-----
3011025	Environmental Psychology	2	2	0	-----	-----
3013010	Theories and Methods of Architecture Design	2	1	1	-----	-----
3013011	Form and Geometry in Modular Designing	2	1	1	Structural Analysis and Construction Methods	-----
3013012	Research Methods in Architecture	2	1	1	-----	-----
3013013	Islamic Buildings Design-I	3	1	2	-----	-----
3013014	Islamic Buildings Design-II	3	1	2	Islamic Buildings Design-I	-----
3013015	Islamic Buildings Design-III	2	0	2	Islamic Buildings Design-II	-----
3013016	Contemporary Iranian and Global Islamic Architecture	2	2	0	-----	-----
3013017	Locating Theories	2	1	1	-----	-----
3013018	Structural Analysis and Construction Methods	2	1	1	-----	-----
3013019	Thesis	6	0	6	-----	-----
<b>Total Credits</b>		30				

Elective Courses (not complete)						
Course Code	Course Title	Credits	Theoretical	Practical	Pre-requisite	Co-requisite
3013025	Architectural Aesthetics	2	2	0	-----	-----
3013030	Islamic Urban Development	2	2	0	-----	-----
<b>Total Credits</b>		-	Note: students have to pass 2 credits from elective courses.			

## Art from Islamic Viewpoint

Course Code	Course Title	Credits	Theoretical	Practical	Pre-requisite	Co-requisite
3011013	Art from Islamic Viewpoint	2	2	0	-----	-----

Topics covered in this course:

- Introduction to the philosophy and wisdom of Islamic art in comparison with other schools in the world
- Introduction to different styles and methods of critique
- Analyzing the varied features of different historical approaches towards the art of architecture

## Environmental Psychology

Course Code	Course Title	Credits	Theoretical	Practical	Pre-requisite	Co-requisite
3011025	Environmental Psychology	2	2	0	-----	-----

The objectives of this course are:

- Enhancing the capabilities of architects in designing and developing environments
- Acquiring the essential knowledge to understand the influencing factors on interactive behaviors of humans and environments

## Theories and Methods of Architecture Design

Course Code	Course Title	Credits	Theoretical	Practical	Pre-requisite	Co-requisite
3013010	Theories and Methods of Architecture Design	2	1	1	-----	-----

The objective of this course is to reach some kind of metacognition about the procedure of designing. This means that the student will reach a particular type of self-awareness and self-assessment of their habits and routines in designing, through getting familiar with various theories and methods of designing that are functions of variables such as nature, subject matter, style and etc.

## Form and Geometry in Modular Designing

Course Code	Course Title	Credits	Theoretical	Practical	Pre-requisite	Co-requisite
3013011	Form and Geometry in Modular Designing	2	1	1	Structural Analysis and Construction Methods	-----

Recognition of form and knowing its definition with shape and geometry, besides knowing the geometrical dimensions of some Islamic forms like Moqarnas, Gereh, and etc. is the subject of this course.

## Research Methods in Architecture

Course Code	Course Title	Credits	Theoretical	Practical	Pre-requisite	Co-requisite
3013012	Research Methods in Architecture	2	1	1	-----	-----

Enhancing students' scientific mindset to raise suitable questions about architectural design and providing acquaintance with the procedure of reaching the answers in scientific way.

## Islamic Buildings Design-I

Course Code	Course Title	Credits	Theoretical	Practical	Pre-requisite	Co-requisite
3013013	Islamic Buildings Design-I	3	1	2	-----	-----

The objective of this course is getting to know the importance of interior spaces and the necessity of its design and organization, therefore knowing some interior elements of religious buildings like tiling, domes, arcs, etc. along with spiritual and cultural dimensions of space are important. The subject of this design could be some small scale buildings like mosque, school, Hosseiniah, and so on.

## Islamic Buildings Design-II

Course Code	Course Title	Credits	Theoretical	Practical	Pre-requisite	Co-requisite
3013014	Islamic Buildings Design-II	3	1	2	Islamic Buildings Design-I	-----

The objective of this course is making students interested in some cultural, spiritual and value dimensions of Islamic Architecture, besides making them more able in formal and symbolic design in religious subjects. The subject of this design could be some small scale buildings like large madras, large mosque, and schools included landscape, and so on.

## Islamic Buildings Design-III

Course Code	Course Title	Credits	Theoretical	Practical	Pre-requisite	Co-requisite
3013015	Islamic Buildings Design-III	2	0	2	Islamic Buildings Design-II	-----

The main objective of this course is to help students pay attention to Islamic landscapes and gardens. They will design urban landscapes and spaces based on Islamic architecture principles and views. The combination of traditional garden-making and modern urban spaces with religious buildings is the priority of this course.

## Contemporary Iranian and Global Islamic Architecture

Course Code	Course Title	Credits	Theoretical	Practical	Pre-requisite	Co-requisite
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3013016	Contemporary Iranian and Global Islamic Architecture	2	2	0	-----	-----
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Providing students with an introduction to the contemporary architecture in Iran and worldwide, and the works of their Islamic architects.

## Locating Theories

Course Code	Course Title	Credits	Theoretical	Practical	Pre-requisite	Co-requisite
3013017	Locating Theories	2	1	1	-----	-----

- Introduction to location principles, concepts and theories for urban activities
- Introduction to locating models for urban activities

## Structural Analysis and Construction Methods

Course Code	Course Title	Credits	Theoretical	Practical	Pre-requisite	Co-requisite
3013018	Structural Analysis and Construction Methods	2	1	1	-----	-----

The acquaintance of students with the structural experiences of our ancestors enhances their building ideas in interaction with modern structures. That's why we can combine our understanding of traditional structures and their construction methods with modern structures and their construction technologies to be able to apply creative methods in innovative building forms.

## Thesis

Course Code	Course Title	Credits	Theoretical	Practical	Pre-requisite	Co-requisite
3013019	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.

