Doctor of Philosophy in Architecture

Program Components

■ Major Requirement (MR)
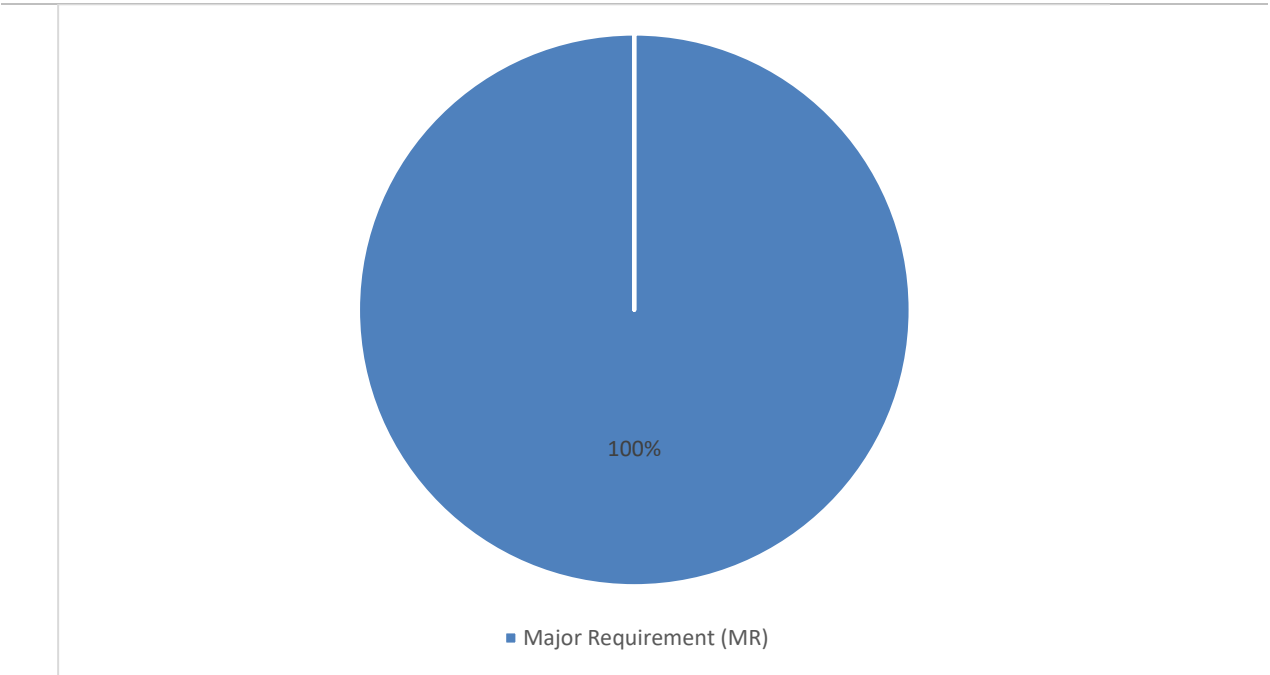
Major Requirement (MR) 75

Total Credit (CRD) 75

Detailed Study Plan

Year 1 - Semester 1

Course Code	Course Title	Course Hours			Course Type	Pre requisite	Major GPA
		LEC	PRAC	CRD			
ARCH710	Critical Readings of Theory	3	0	3	MR	None	Y
ARCH711	Advanced Research Methods	3	0	3	MR	None	Y
ARCH712	Contemporary Issues	3	0	3	MR	None	Y
	Total	9	0	9			

Year 1 - Semester 2

Course Code	Course Title	Course Hours			Course Type	Pre requisite	Major GPA
		LEC	PRAC	CRD			
ARCH720	Research Seminars	3	0	3	MR	None	Y

Course Code	Course Title	LEC	PRAC	CRD	Course Type	Pre requisite	Major GPA
ARCH721	Applied Statistical Techniques	3	0	3	MR	None	Y
ARCH722	Qualitative Data Analysis	3	0	3	MR	None	Y
	Total	9	0	9			

Year 2 - Semester 3

Course Code	Course Title	Course Hours			Course Type	Pre requisite	Major GPA
		LEC	PRAC	CRD			
ARCH730	Pre-Thesis	3	0	3	MR	None	Y
ARCH731	Research and Design	2	2	3	MR	None	Y
ARCH732	Phenomenological & Environment Behaviour Research	3	0	3	MR	None	Y
	Total	8	2	9			

Year 2 - Semester 4

Course Code	Course Title	Course Hours			Course Type	Pre requisite	Major GPA
		LEC	PRAC	CRD			
ARCH780	PhD Thesis	0	0	48	MR	27 h	Y
	Total	6	0	48			

Course Description

Course Code: ARCH 710   **Course Title:** Critical Readings of Theory
This course aims to engage the students in critical reading to explore, identify and acquire detailed knowledge on theoretical standpoints and their variants: observation and delineation of ideas, ideological standpoints and theories available in a multitude of disciplines such as architecture, phenomenology, environment behavior studies, people-place studies, social geography, psychology and philosophy.

Course Code: ARCH 711   **Course Title:** Advanced Research Methods
This course provides an introduction to all design professions, from Architecture to Landscape Architecture, and presents an overview of the ways in which design plays roles in society. It will focus on the reciprocal relations between objects & spaces and people & communities. It intends to construct a view of design having to respond to culture, tradition, customs, and beliefs as well as the needs and wants of people guided by design philosophies.

Course Code: ARCH 712   **Course Title:** Contemporary Issues
This course aims to enable the students to acquire detailed knowledge of nuances of contemporary issues confronting societies across the globe in general and the Gulf, in particular, related to social, cultural, spatial, environmental, and geographical phenomena (globalization, migration, sustainability, deforestation, climate change, poverty, natural and man-made disasters, wars, heritage conservation and preservation etc.

Course Code: ARCH 720   **Course Title:** Research Seminars
This course requires the students to demonstrate highly advanced skills in presenting a series of seminars on different aspects of the research along with ideas delineated from published material to peers, supervisors, and others to establish the nature of previous research and test the intellectual rigor, as well as the value and significance of the research being pursued.

Course Code: ARCH 721   **Course Title:** Applied Statistical Techniques
This course aims to impart highly advanced skills in quantitative research and analytical methods. It offers detailed knowledge on descriptive and inference statistics, hypothesis testing, confidence intervals, processing and analysis of research data using different parametric and nonparametric statistical methods, regression analysis for linear and nonlinear models, and introduction to the design of Geographical Information Systems (GIS) to generate and analyze data, principles, and methods of space syntax analysis.

Course Code: ARCH 722   **Course Title:** Qualitative Data Analysis
This course aims to impart highly advanced skills in qualitative research analytical methods such as Exploratory Data Analysis (EDA), thematic analysis involving the ordering of the findings into descriptive categories or themes, and Narrative analysis based on descriptive accounts and lived experience.

Course Code: ARCH 730   **Course Title:** Pre-Thesis
This course aims to guide the students to develop the research proposal: articulate the issue and set research questions and hypotheses (if any). The students should conduct a preliminary literature review and produce a theoretical basis for the research. A student should also articulate research methods appropriate for the issue being investigated.

Course Code: ARCH 731   **Course Title:** Research and Design
This course aims to impart detailed Knowledge of the notion of "evidence-based design" and demonstrate how new knowledge and understanding should contribute to enhance design. The students should demonstrate how design processes engage research-based evidence: Research by Design, Research about Design and Research for Design, UX (User Experience) research to enhance design.

Course Code: ARCH 732   **Course Title:** Phenomenological & Environment-Behaviour Research
This course aims to impart detailed Knowledge of phenomenological and environment–behavior research looking into people-place transactions in different cultural contexts. The students should demonstrate advanced knowledge in employing notions such as privacy, territoriality, identity, sense of place, rootedness, being in the world, a hierarchy of psychological needs, and their manifestations in the built environment. The students should demonstrate advanced knowledge of previous research and techniques.

Course Code: ARCH 780   **Course Title:** Thesis

The PhD Thesis course offers students the opportunity to engage in rigorous analysis of a specific Architectural topic or research problem within their field. Building upon the research proposal developed in the pre-thesis course, students will conduct comprehensive research, gather and analyze data, and ultimately submit their final thesis. Students are expected to produce a final thesis that demonstrates originality, creativity, and significant contributions to their chosen topic area.