

MASTER OF URBAN PLANNING AND DESIGN

College of Engineering

Phone: (974) 4403- 4353

Email: architecture-urban@qu.edu.qa

Website:

<http://www.qu.edu.qa/engineering/academics/architecture/mupd>

Head of Department

Dr. Raffaello Furlan

E-mail: rfurlan@qu.edu.qa

Phone: 4403 4353

Program Coordinator

Dr. Djamel Boussaa

E-mail: djamelb60@qu.edu.qa

Phone: 4403 4346

ABOUT THE PROGRAM

The Master of Urban Planning and Design (MUPD) is tailored to address issues of importance to the urban environment in Qatar, the GCC region, and beyond. It aims to provide students with key knowledge on each and every aspect of urban planning and design, including urban sustainability, Geographic Information Systems (GIS), landscape planning in arid regions, integrated land use, transport planning, environmental impact assessment, and more.

Objectives

The Master of Urban Planning and Design aims to promote:

- Development of an understanding of the nature, purpose, methods and practice of planning. This includes knowledge about the governance, planning laws, and politics, and their impact on individuals and communities -often in a multicultural environment- and the techniques of policy analysis and project-making.
- An understanding of processes of change in the built environment and the relationships between the social, economic and physical factors associated with the development of the built environment;
- Development of the ability to undertake a substantial outcome of specialist-based independent research.

Learning Outcomes

Graduates of the Master of Urban Planning and Design will be able to:

- Describe urban development in MENA countries and beyond.
- Apply urban analysis methodologies to explore developmental issues.
- Demonstrate skills in land use planning, strategic planning, and participatory techniques.
- Practice sustainable urban development.
- Demonstrate proficiency in written communication by writing with clarity, conciseness, and coherence about relationships among concepts.
- Demonstrate proficiency in oral communication by giving concise, clear, and organized oral presentations, with responses and leadership for the audience.
- Engage effectively in groups on critical thinking, while participating weekly on problem-solving activities and reporting their results to the class.

Opportunities

Following the recent success of Qatar's national bid for the FIFA 2022 World Cup, as well as current trends in the real estate industry, major job opportunities are to be found within the Ministry of Municipalities and Urban Planning and its departments (viz. Centre for GIS, Qatar National Master Plan, Transportation Planning Department) and other key players in the area such as Mshereib Properties, Qatari Diar, and Barwa, as well as private planning firms currently involved in the expansion of Doha.

Additionally, graduates may have opportunities to work with some international organizations that address developmental and environmental issues, including UNESCO, UNDP, UN-HABITAT and other international NGOs.

Admission Requirements

All applicants to the Master of Urban Planning and Design program who meet the following minimum criteria will be considered for admission to Qatar University:

1. Earned Bachelor's degree in a built environment-related discipline, including architecture, urban design, urban planning, landscape architecture, interior architecture, construction engineering, and civil engineering, with a minimum cumulative GPA of 2.80 out of 4.00 from a university or college accredited by an international accrediting association or by the Ministry of Higher Education or equivalent authority in that country,
2. Achieved a minimum score of 520 on the paper-based TOEFL or the IELTS (minimum score 6), or equivalent test taken within 2 years of the start of the intended

semester of admission OR earned a previous degree from an accredited institution of higher education in a Program where English was the language of instruction.

3. Passing an interview with the College's admission panel. All applicants to the Master of Urban Planning and Design program are required to submit the following documents to the Admissions Department:

- Complete Online Admissions Application
- Final and official university transcripts
- Official TOEFL, IELTS or equivalent score report or other evidence of English proficiency in accordance with QU Policy.
- Recently updated CV
- Two letters of recommendation from undergraduate professors or employers
- Health Certificate
- Photocopy of the applicant's Qatar ID card
- (Non-Qatari applicants must provide a copy of their passport)
- Two recent identical passport-size photographs with white background
- Application Fee

For additional information on the program, please see their website at:

http://www.qu.edu.qa/engineering/architecture/programs/Graduate/MUPD_Index.php

DEGREE REQUIREMENTS

A minimum of 45 credit hours are required to complete the Master of Urban Planning and Design, including the following:

- A minimum of 18 credit hours in Core Requirements.
- A minimum of 9 credit hours in Focus Area Requirements.
- A minimum of 9 credit hours of Thesis Option Requirements.
- A minimum of 9 credit hours of Major Electives. Passing thesis defense exam

Core Requirements (18 credit hours)

- MUPD 600 Planning Theory
- MUPD 610 Urban Planning Legislation
- MUPD 620 Urban and Regional Land Use
- MUPD 611 Urban Economics
- MUPD 601 Research and Statistical Analysis in Planning
- MUPD 621 Computer Aided Planning

Urban Planning Focus Area (9 credit hours)

- MUPD 700 Local and Regional Sustainability
- MUPD 701 Urban Infrastructure Planning
- MUPD 702 Housing Policies and Planning

Urban Design Focus Area (9 credit hours)

- MUPD 710 Sustainable Urban and Landscape Design
- MUPD 711 Urban Design in Practice
- MUPD 712 Evolution of Built Form and Townscapes

Master Thesis Requirement (9 credit hours)

FOURTH SEMESTER (9 credit hours)			
Term	Course #	Course Title	Cr Hrs
Spring	MUPD 750	Thesis focuses on Urban Planning (Thesis Track) Project focuses on Urban planning (Project Track)	9
Total			9

- MUPD 750 Thesis focuses on Urban Planning
- MUPD 760 Thesis focuses on Urban Design

Major Electives (minimum of 9 credit hours)

- MUPD 650 Cultural and Physical Aspects of the Islamic City
- MUPD 651 Urban Renewal Planning
- MUPD 652 Theory on Urban Form and Design
- MUPD 653 Design and Regeneration
- MUPD 654 Urban Transportation Systems
- MUPD 655 City and Regional Planning in Arid Zones
- MUPD 656 Environmental Planning and Management
- MUPD 657 Techniques of Environmental Impact Assessment

FULL TIME STUDY PLAN

Master of Urban Planning and Design

Track 1 (Urban Planning)

FIRST SEMESTER (12 credit hours)			
Term	Course #	Course Title	Cr Hrs
Fall	MUPD 600	Planning Theory	3
	MUPD 610	Urban Planning Legislation	3
	MUPD 620	Urban and Regional Land Use	3
		Elective	3
Total			12
SECOND SEMESTER (12 credit hours)			
Term	Course #	Course Title	Cr Hrs
Spring	MUPD 611	Urban Economics	3
	MUPD 601	Research and Statistical Analysis in Planning	3
	MUPD 621	Computer Aided Planning	3
		Elective	3
Total			12
THIRD SEMESTER (12 credit hours)			
Term	Course #	Course Title	Cr Hrs
Fall	MUPD 700	Local and Regional Sustainability	3
	MUPD 701	Urban Infrastructure Planning	3
	MUPD 702	Housing Policies and Planning	3
		Elective	3
Total			12

FULL TIME STUDY PLAN

Master of Urban Planning and Design

Track 2 (Urban Design)

FIRST SEMESTER (12 credit hours)			
Term	Course #	Course Title	Cr Hrs
Fall	MUPD 600	Planning Theory	3
	MUPD 610	Urban Planning Legislation	3
	MUPD 620	Urban and Regional Land Use	3
		Elective	3
Total			12
SECOND SEMESTER (12 credit hours)			
Term	Course #	Course Title	Cr Hrs
Spring	MUPD 611	Urban Economics	3
	MUPD 601	Research and Statistical Analysis in Planning	3
	MUPD 621	Computer Aided Planning	3
		Elective	3
Total			12

THIRD SEMESTER (12 credit hours)			
Term	Course #	Course Title	Cr Hrs
Fall	MUPD 710	Sustainable Urban and Landscape Design	3
	MUPD 711	Urban Design in Practice	3
	MUPD 712	Evolutions of Built Form and Townscapes	3
		Elective	3
Total			12
FOURTH SEMESTER (9 credit hours)			
Term	Course #	Course Title	Cr Hrs
Spring	MUPD 750 MUPD 760	Thesis focuses on Urban Design (Thesis Track) Project focuses on Urban Design (Project Track)	9
Total			9