



جامعة قطر
QATAR UNIVERSITY

Department of Architecture and Urban Planning
College of Engineering

Master of Urban Design & Planning

Qatar and the Gulf region is characterized by fast track urbanization involving large-scale mixed-use and regeneration projects. The rapid growth in the urban development industry creates a pressing demand for urban designers and planners with specialized training to design, plan, and lead the activities of the industry. To meet this need, the Department of Architecture and Urban Planning at Qatar University offers innovative undergraduate and graduate programs to prepare tomorrow's professionals for creating and managing sustainable, resilient built environments including a two-year graduate Master of Urban Planning & Design.

The Program

The MUPD degree offers a professional education in the fields of urban planning and design where graduates will apply their skills in a variety of roles and subject areas from private industry to non-profit organizations to public service in government. The program provides students with key knowledge about every aspect of urban planning and design including sustainability, resilience, Geographical Information Systems (GIS), landscape planning in arid regions, integrated land use, transportation planning, environmental impact assessment, and much more and, emphasizes the development of students' abilities to analyze, assess, assimilate, and

apply critical thinking for interdisciplinary planning and design process for the urban environment in Qatar, the GCC/Middle East, and elsewhere in the world.

Vision

Our vision is to be the leading provider of education and research for the disciplines of the built environment in the Middle East.

Mission

The mission of the MUPD program is to educate future planners and urban designers to guide and lead the development of urban environments based on their social, economic and cultural dimension as physical objects in the real world. The goal is to improve the quality of life in cities and other settlements through place-making for live, work, and play in a sustainable and resilient manner. MUPD graduates enjoy a wide variety of employment opportunities due to their multidisciplinary, project-based problem-solving skills in urban planning and design. This makes MUPD graduates ideally suited to approach many issues about the urban environment in the 21st century including the effect of new technologies including CAD, GIS, BIM, Space Syntax, and other applications creating the Big Data-driven Smart Cities of tomorrow.

Objectives

The objectives of the MUPD program include: developing an understanding about the nature, purpose, methods, and practice of planning including knowledge about the governance, planning laws, and politics, their impact on individuals and multicultural communities, and the techniques of policy analysis and place-making; understanding the processes of change in social, economic, and cultural dimensions of the urban environment as physical objects in the real world; cultivating the ability to undertake substantial,



specialist-based independent research into issues of the urban environment.

Learning Outcomes

The learning outcomes of the MUPD program include: the knowledge to comprehend and represent ideas and information in the field of urban design and planning; the skills to apply this knowledge in performing specific tasks required in the practice of urban design and planning; the values to inform the ethical and normative principles crucial for the guidance and leadership of the urban design and planning profession in a democratic society.

Program Structure

The MUPD course typically requires two years (4 semesters) to complete in addition to a summer session for a thesis project/paper including a specialized track in Urban Design or Urban Planning. All classes are in the evening (5:00-8:00 pm) and the course program is organized as follows:

First Year

MUPD 600: Planning Theory
MUPD 610: Urban Planning Legislation
MUPD 620: Urban & Regional Land Use
MUPD 611: Urban Economics
MUPD 601: Research & Statistics in Planning
MUPD 621: Computer-Aided Planning
Two electives (one per semester)

Second Year: Urban Design (Track 1)

MUPD 710: Sustainable Urban & Landscape Design
MUPD 711: Urban Design in Practice
MUPD 712: Evolution of Built Form & Townscapes
Elective
Thesis in Urban Design (Research or Project-Based)

Second Year: Urban Planning (Track 2)

MUPD 700: Local & Regional Sustainability
MUPD 701: Urban Infrastructure Planning
MUPD 702: Housing Policies & Planning
Elective
Thesis in Urban Design (Research or Project-Based)

Elective Offerings

Cultural & Physical Aspects of the Islamic City
Urban Renewal Planning
Theory on Urban Form & Design
Design & Regeneration
Urban Transportation Systems
City & Regional Planning in Arid Zones
Environmental Planning & Management
Techniques of Environmental Impact Assessment

Admission

Eligible applicants will possess a Bachelor degree (BS or BA) in the built environment-related disciplines and a minimum cumulative GPA of 2.80 (or equivalent) from an institution of high education accredited by an international accreditation association and/or Ministry of Higher Education (or equivalent) in that country. Language requirements are a minimum score of 520 on the paper-based TOEFL, 68 IBT Internet-based, 190 CBT computer-based, 5.5 IELTS, or equivalent. TOEFL or equivalent test results are valid for 2 years after the date of the test.

Career Opportunities

MUPD graduates enjoy a wide variety of employment

opportunities with private architecture, urban design and planning firms, consulting companies, government agencies, and all organizations interested in the future of the built environment in Qatar, the Gulf/Middle East region, and elsewhere the world.

For more information, contact:

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