

Assist. Lecturer Marwa Muwafaq Khadem Al-Zaidi

Department of Architecture

Master in Urban and Regional Planning (Urban Design)

Email: marwa.alzaidy@alfarabiuc.edu.iq



Education:

MSc, University of Baghdad / Urban and Regional Planning Center for Postgraduate Studies, 2017

BSc, University of Baghdad/Architecture, 2010

Profile:

2010 - 2015 working in Dijlah Office for Engineering Consultancy as an architect for the following projects:

- Part of the main design team in the rehabilitation of Babel Hotel and Baghdad Hotel
- Designing a low-cost housing complex in the city of Al-Amarah (1000 housing units) - Designing a residential complex in Al-Mamoura
- Designing a mall in the city of Hilla
- A member of the main design team for the Maysan Court of Appeals project (2012-2013), a project affiliated to Maysan Governorate
- Participation in the design competition for the planning and development building in the city of Al-Amarah, proposed by the Governor of Maysan
- Designing a hotel in Najaf and Kadhimiya
- Part of the main work team in the project of designing rain and sewage networks for the city of Alsourah and Alhay
- Designing a 600-bed teaching hospital in the city of Karbala

2021-2015

- Working in Saher Al-Qaisi Engineering Consulting Office (2015-2017)
- A faculty member at Al-Farabi University College, a private college / the Ministry of Higher Education (2017-present)

Teaching

1- Architectural Design Course / Third Stage

The course aims to introduce the student to projects with multiple and complex functional and service systems over the course of the two annual semesters. The construction decisions and implementation technology are at the forefront of the design proposal, through the choices of projects with functional requirements. It requires short and medium-term construction spans, and how to deal with the multiple controls of these systems and how to employ them in the architectural design process, such as complexes and cultural and scientific buildings with multiple halls. This course also aims to acquaint the student with the nature of multi-storey buildings, with a limited height,

Thus, he learns the principles of design for functional requirements of a typical recurring nature, such as educational, administrative, residential and commercial buildings, and learns to deal with the design requirements of these buildings for construction and service systems.

2- Revit Architecture

Uses technology of **BIM** acronym for phrase **Building Information Modeling** . This technology depends on the design of the various building elements, not as two- or three-dimensional geometric shapes, but as elements that have their physical, mechanical and electrical properties, which allows a quick transition between the design on the one hand, and the implementation plans on the other hand.

3- Urban Planning

The topic aims to introduce the student to the developments that occurred in the history of the emergence and growth of cities over time, including the social, economic, and technical influences that led to the events of growth and change in them. From ancient civilizations to modern cities. The topic indicates with a review the phenomena of diseases that affected the entity of cities and their causes and ways to avoid them. The topic touches on some of the foundations and planning theories, including the planning process, the main uses of the land and the principles of comprehensive plans. **The second chapter of this course aims to develop and mature students' concepts about the physical growth and development of cities according to regular contexts, in order to achieve through them the principles of aesthetics and tourism and the historical sequence of development.**

4- Islamic architecture / fourth stage

The Islamic civilization was characterized by many aspects of creativity in various fields of life, leaving us with a wonderful architectural heritage in all its eras and in all the regions of the Islamic countries that Islam entered. Therefore, this course aims to highlight the features of the Islamic civilizational heritage and try to understand and realize its architectural values to benefit from it and mix it with the modern architectural expression to achieve civilized communication and revive the Islamic heritage in a contemporary spirit.

Research Focus

- urban planning
- urban design
- urban development
- architectural heritage
- heritage and contemporary
- Islamic architecture

Publications

- Marwa Moafac Cadim, Saher Mohammed Al-Qaisi, The impact of western thought on the urban fabric of Islamic cities, Al-Kut University College Journal, 2020, Volume 5, Issue 1, Pages 38-52
- The impact of the cultural and natural environment as catalysts in shaping the urban fabric(An analytical example of the Sumerian period of the Mesopotamian civilization),kufa studies center journal, 2019, Volume 1, Issue 53, Pages 219-240

Affiliations/Activities

1. Membership in Professional Societies: Iraqi Engineers Syndicate Affiliation No.: 145577 with the rank of license
2. Participation in the first and seventh international scientific conference locally (Urban and Regional Planning in Postmodern Iraq), which was held at the Urban and Regional Planning Center for Graduate Studies for the period 26-27/ 12/2017
3. Participation in the course (Introduction to the Foundations of Transportation Planning), which was held at the Iraqi Engineers Syndicate on 3/10/2018
4. Completing the course of Teaching Methods and Virtual Library set up by the University of Technology / Continuing Education Center and which was held for the period from 17/2/2019 to 28/2/2019 The course was passed with distinction and the first for the batch of 83 people from various universities and government institutions.
5. Participation in the scientific symposium held by the Iraqi Engineers Syndicate and in cooperation with the Transport and Communications Committee of the Union of Arab Engineers entitled (The Silk Road, the Belt and Road Initiative), which was held on 15/4/2019