

Assist. Lecturer Maitham Hasan Mahdi

Department of Architectural Engineering

Masters degree in Architectural Engineering

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Education:

Master's degree, University of Baghdad, year 2014

Bachelor's degree, University of Baghdad, year 2010

Profile:

Worked as an architect in the Engineering Consulting Office / College of Engineering / University of Baghdad from the years 2011 to 2013, where I worked in preparing designs for many administrative and custom buildings that belong to the government side as well as to the private sector, then I worked in Al Fusul Company for one year and worked On the project to develop Basra rivers and designs for several governmental administrative buildings, and then work as a teacher at Al-Farabi University College since 2014 until now.

Teaching

- **Architectural design \ first stage** - where the lesson aims to prepare the student to enter the world of architecture intellectually, conceptually and practically as a basic working base, and introduce him to the concept of architecture by identifying the principles of design, composition, the third dimension, architectural space, the human scale, the surroundings of the urban environment and others, and the development of the language of expression in the The student , and the subject also focuses on developing his artistic and formative sense and the analytical-synthetic thinking style, as well as developing his awareness and sensitivity to the natural and urban environment and respect for it, starting with the realization and taste of the traditional urban environment and the study of the formative, plastic and extrinsic relations of its elements and components.

Architectural drawing and presentation \ first stage: The lesson aims to build and develop the student's expressive skills, in addition to training him on the use of different materials and techniques in presentation. (Two Dimensional Drawings) represented by the horizontal and vertical projections (Plans, Sections and Elevations). The basic principles of visualization are also defined. In the first stage, focus is placed on the techniques of presentation with pencils, collage, wooden pens, inking and the principles of displaying in poster and water colors, as well as developing the skill of making architectural models.

Residential Planning / Fourth Stage: The lesson deals with basic information about housing as an important part of city planning and begins with housing analysis, then housing demography, and then deals with residential complexes and the way these complexes are organized, formations and movement. It also deals with the principle of neighborhood unity, its meaning, standards and public services.

Housing / Fourth Stage: The lesson aims to introduce the student to the principles of housing in general and its different patterns, such as single-family housing, multi-family housing, and the planning and design variables affecting each of them. The single residential assembly. The student also learns about some of the housing standards and determinants associated with the

final design decisions of the residential building, such as the determinants of vertical movement, immediate evacuation, fire determinants, and some peculiarities of housing in hot, dry areas.

Research Focus

- Residential planning & Housing.
- Urban design.

Publications

ALslik, G. M. R., & Al-Saffar Maitham, H.M. (2014). The sustainable urban development in Al_Kharkh historic center. Journal of Engineering, 20(11).

Affiliations/Activities

Member of the Iraqi Syndicate of Engineers