

**PERSONAL
INFORMATION**

Ahmad Alhusban

📍 Department of Architectural Engineering, The faculty of Engineering, The Hashemite University, P.O Box 150459, Zarqa 13115, Jordan

☎ 00962 5 3903333 ext 4894 📠 00962 77 2323025

✉ Alhusban2001@yahoo.com; ahmad.alhusban@hu.edu.jo

Sex: Male | Date of birth: 06/04/1971 | Nationality: Jordan

RESEARCH INTRESET

- ✓ Architectural Design
- ✓ Urban Design
- ✓ Architectural Design Education
- ✓ Architectural Design Thinking
- ✓ Architectural Design Processes and Methods
- ✓ Architectural Theories and Criticism
- ✓ Architecture and Building Construction
- ✓ The Impact of Social and Cultural Beliefs on Architectural Design
- ✓ Research Methods
- ✓ FIDIC

WORK EXPERIENCE**Academic Experience and****Tasks Undertaken:**

Sep 2012- Present

Assistant Professor, Department of Architectural Engineering, Faculty of Engineering, the Hashemite University, Jordan.

Taught the following courses for undergraduate students: Theories and methods of Architectural Design, Architectural Designs V and VI, Building Materials, Architectural Structural Systems, Building Finishing, Working Drawing, Specifications and Contracts, Quantity Surveying, Professional Practice, Urban Planning, and Graduation Projects.

Taught the following courses for graduate (Master) students: Research Methods, Theories and Criticism in Architecture.

September 2015 -
September 2016

Assistant Dean for Industrial Outreach and training, Engineering Faculty, the Hashemite University, Jordan.

September 2016-
September 2017

Assistant Dean for Allied Engineering Sciences, Engineering Faculty, the Hashemite University, Jordan.

August 2016 - October,
2016

Chair of Architectural Department, Engineering Faculty, the Hashemite University, Jordan.

September 2017- present

Chair of Architectural Department, Engineering Faculty, the Hashemite University, Jordan.

April 2003 – 2009:

Lecturer/ Instructor of Architecture, Institute of Architecture and Islamic Arts, Al Al-Bayt University, Jordan.

Taught the following courses for undergraduate students: Architectural drawing I, Architectural Drawing II, Basic Design I and II, Free Hand Drawing I, Free Hand



Drawing II, Architectural Design I, III, IV, and V, Building Construction I, II, and III, Theory and Methods of Architectural Design, Working Drawing, Quantity Surveying, Specification and Contracts, Professional Practice.

Taught the following courses for graduate students: Quantitative Research Methods, Qualitative Research Methods, Theories and Criticism in Architecture,

Field Experience and

Tasks Undertaken:

2007-2009

Design and supervision of Al Al-Bayt University Eastern Gate.

Main Activities, duties, and Responsibilities

- ✓ Directing the design process;
- ✓ Consulting the client about significant architectural design issues;
- ✓ Investigating the feasibility of the design requirements, and reporting;
- ✓ Preparing outline proposals, a scheme design, detail construction design drawings, etc;
- ✓ Preparing the construction specifications and bill of quantities;
- ✓ Analyzing and advising on the tendering procedures;
- ✓ Representing and providing advice to the client and preparing variation orders;
- ✓ Acting as the employer's agent under the contract during the construction of the work;
- ✓ Planning, scheduling and cost control;
- ✓ Checking and approving the contractors' payment as per BOQ;
- ✓ Given an approval, check, certificate, consent, examination, inspection, instruction, notice, proposal, request,
- ✓ Checking the contractor's as built drawing and operating/maintenance manuals;
- ✓ Advising the employer client on the employer's final account and employer's final statement as appropriate;

6th Dec. 1997 - 30 Nov.
2002

Outside Plant Engineer Senior Supervisor/Project Manager, Lucent Technologies Inc. (UAE Branch), UAE (Lead Engineer, OSP manager)

Main Activities, duties, and Responsibilities:

- ✓ Managing the project team functions;
- ✓ Carrying out a site appraisal;
- ✓ Designing work and supervision;
- ✓ Reviewing and preparing construction drawing and details;
- ✓ Preparing the construction specifications and bill of quantities;
- ✓ Preparing engineering studies, engineering drawings, job packs, and As-built drawings (updates);
- ✓ Preparing field survey, drafting, planning, scheduling, permit application, scope preparation, site diaries, reports, acceptance, punch lists, maintenance;
- ✓ Dealing with health and safety matters;
- ✓ Dealing with municipalities and others utilities department, (making application for outline planning permission (R.O.W.'s, N.O.C.'s);
- ✓ Examining the contractors' proposals, including design and the contract sum analysis, and offering advice;
- ✓ Visiting the site during construction and reporting back to the employer client;
- ✓ Reviewing the portion of the work to determine the percentage complete



Curriculum Vitae
Dr. Ahmad Alhusban
(which assists the architect in the preparation of Certificates for Payment);

1st Jan 1995 - 6th Dec
1997

Architect: designer and consultant, EMCO Engineering Consultants, RAK, UAE

Main Activities, Duties, and Responsibilities:

- ✓ Directing the design process;
- ✓ Developing design concept drawings as appropriate for the employer's requirements;
- ✓ Designing and supervision for commercial buildings, residential villas, showrooms, 2 wedding halls, maintenance work,..
- ✓ Consulting the clients about significant architectural design issues;
- ✓ Informing the clients of duties under the country's regulations;
- ✓ Investigating the feasibility of the design requirements, and reporting;
- ✓ Advising the client about any limitations on the use of land or buildings;
- ✓ Preparing outline proposals, a scheme design, detail construction design drawings, etc;
- ✓ Advising on the need for statutory and other consents, and preparing sufficient information for applications to be made;
- ✓ Preparing sufficient production information for consultants and specialists to develop-p their proposals, coordinating these and Integrating them into the overall scheme;
- ✓ Preparing the construction specifications and bill of quantities;
- ✓ Bringing contract documentation to a final state for inviting tender;
- ✓ Analyzing and advising on the tendering procedures;
- ✓ Representing and providing advice to the client and preparing variation orders;
- ✓ Acting as the employer's agent under the contract during the construction of the work;
- ✓ Advising the employer client on his or her obligations under the contract, and assisting in the drafting of statements; inspecting the work on behalf of the client prior to practical completion and advising the employer client;
- ✓ Managing projects for HH SHK. Sultan Bin Saqer Al-Qasmi projects'
- ✓ Planning, scheduling and cost control.
- ✓ Checking and approving the contractors' payment as per BOQ;
- ✓ Given an approval, check, certificate, consent, examination, inspection, instruction, notice, proposal, request,
- ✓ Checking the contractor's as built drawing and operating/maintenance manuals;

15th Jul 1994 – 1st Jan
1995

Architect: designer and consultant, Engineer Mohammed Awidat Office, Mafrqa, Jordan

Main Activities and Responsibilities:

- ✓ Responsible for all design work and supervision for villas, preparing construction drawing and details, preparing engineering studies

**EDUCATION AND
TRAINING**

2009-2012

D. Des, PhD, Doctor of Architectural Design, Washington State University, USA (2009-2012) with GPA = 3.95/4.00.

Concentrations: Architectural Design, Design Thinking, Urban Design, Design

Studies, Design Issues.

Dissertation: What does the architectural design creative leap through conceptual design phase look like among undergraduate architectural design studio in WSU?

2004-2007 Master's degree in Architectural Engineering (Very Good), Jordan University of Science and Technology, Jordan (2004-2007)

Concentrations: Sustainable Architectural Design

Thesis: Barriers to Adoption of Sustainable Building Design and Construction in Jordan

1989-1994 Bachelor's degree in Architectural Engineering (Good), Jordan University of Science and Technology, Jordan (1989-1994)

1989 General Secondary Education Certificate, Scientific Branch (Excellent: 89.7) Rehab Secondary School, Jordan, 1989

PERSONAL SKILLS

Mother tongue(s) Arabic Language

Other language(s) English Language

Communication skills Good communication skills gained through my real architecture design practice, project managements, and academic experience

- Organizational / managerial skills
- ✓ Architectural Design Studio instructor
 - ✓ Architectural Design courses coordinator
 - ✓ Architectural Designer
 - ✓ Architectural Design team leadership
 - ✓ Construction manager
 - ✓ Contract and specification writers (FIDIC)
 - ✓ Construction and tenders analyzer
 - ✓ Architectural Engineering Consultant
 - ✓ Quantity surveyor
 - ✓ As-built coordinator
 - ✓ Construction safety and health manager

- Computer and research skills
- ✓ Good command of Microsoft Office™ tools
 - ✓ AutoCAD
 - ✓ SPSS: Descriptive, Correlation, Regression.
 - ✓ Protocol Analysis Studies
 - ✓ Limited Commitment Mode (LCM) control strategy

ADDITIONAL INFORMATION

Publications

Abell, J., Alhusban, A., Alhusban, S., & Lurasi, S. (2013). Habitat, housing social connectivity to promote social well-being. *Design & Nature and Ecodynamics*, 8(4), 356-371. DOI: 10.2495/DNE-V8-N4-356-371.

Al Husban, A. A., Al Husban, S. A., & Al Betawi, Y. (2016). Implementing the Competences-Based Students-Center Learning Approach in Architectural Design Education Based on the T MEDA Pilot Architectural Program that Implemented at the Hashemite University, Jordan. *Tuning Journal for Higher Education*, 4(1), 43-98. doi: [http://dx.doi.org/10.18543/tjhe-4\(1\)-2016pp43-98](http://dx.doi.org/10.18543/tjhe-4(1)-2016pp43-98).

Al Husban, S. A., Al Husban, A. A., & Al Betawi, Y. (2018). The impact of the cultural beliefs on forming and designing spatial organizations, space hierarchy, and privacy of detached houses and apartments in Jordan. *Space and Culture*, (), -. <https://doi.org/10.1177/1206331218791934>.

Al Husban, A. A., Al Husban, S. A., & Al Betawi, Y. (2019). The degree of the Hashemite university students' desires, needs, and satisfaction with their campus urban design. *Journal of Place Management and Development*, 12(3), 408-448. doi: <https://doi.org/10.1108/JPMD-08-2018-0062>

Al Husban, S. A., Al Husban, A. A., & Al Betawi, Y. (2019). Suggesting theoretical urban neighborhood design concept by adopting the changing discourse of social capital. *Journal of Enterprising Communities: People and Places in the Global Economy*, 13(3), 391-411. doi: <https://doi.org/10.1108/JEC-09-2018-00624>

Al Husban, A. A., Al Husban, S. A., & Al Betawi, Y. (2019). Assessing the Impact of Urban Syrian Refugees on the Urban Fabric of Al Mafraq City Architecturally and Socially. *International Journal of Disaster Resilience in the Built Environment*, 10(2/3), 99-129. doi: <https://doi.org/10.1108/IJDRBE-09-2018-0039>

Books

Alhusban, A. A., Bouali, A., Amin, A. M., Spiridonidis, C., El Sherbiny, E. A., Elarnaouty, H., et al. (2016). *Reference Points for the Design and Delivery of Degree Programmes in Architecture*. (R. Hakky, Ed.) Deusto University. Retrieved from <http://tuningmeda.org/wp-content/uploads/2017/04/Arquitectura-ENGL-Tuning-MEDA-DIG.pdf>

Alhusban, A. A., Bouali, A., Amin, A. M., Spiridonidis, C., El Sherbiny, E. A., Elarnaouty, H., et al. (2016). *Les Points de Référence pour la Conception et la Prestation des Programmes d'Etudes Universitaires en Architecture*. (R. Hakky, Ed.) Deusto University. Retrieved from <http://tuningmeda.org/wp-content/uploads/2017/04/Arquitectura-FRAN-Tuning-MEDA-DIG.pdf>

Alhusban, A. A., Bouali, A., Amin, A. M., Spiridonidis, C., El Sherbiny, E. A., Elarnaouty, H., et al. (2016). *نقاط مرجعية لتصميم وتقديم برامج جامعية في هندسة العمارة*. (R. Hakky, Ed.) Deusto University. Retrieved from <http://tuningmeda.org/wp-content/uploads/2017/04/Arquitectura-ARAB-Tuning-MEDA-DIG.pdf>

Projects and Meetings

Tuning Middle East and North Africa (T-MEDA): [543948-TEMPUS-1-2013-1-ES-TEMPUS-JPCR](https://doi.org/10.1108/543948-TEMPUS-1-2013-1-ES-TEMPUS-JPCR): (develop, implement, monitor,

Second general meeting, Bilbao, Spain, 28 September - 03 October 2014:
 Architectural specific and generic competences and creating Meta Profile.

Third general meeting, Cyprus, Nicosia, 15-19 February 2015): From profiling to designing architectural degree programme: Designing the length, Agree on the modules/courses included, Write effective learning outcomes for each module/unit/course, Assess the consistency between. The profile, programme, competences and length, Elaboration of a final version of a complete Programme.

Fourth general meeting, Malta, 27 September - 01 October 2015: Students' workload and its link to tuning methodology; Implementation of degree programme: quality assurance and enhancement.

Fifth general meeting, Bilbao, Spain, 27 May - 02 June 2016: International Forum "Policy, Research and Practice in Higher Education", "Implementation of Competence Based Programmes: Challenges and Good Practice"; "Evidence Based Policy in Higher Education: Current Practices and Future Trends in Middle East and North Africa"; "Quality Assurance of Educational Programmes: T-MEDA Case Study"; "Research for Educational Practice and Policy Making: Competence-Based Approach".

- | | |
|---------------------------|---|
| Online Courses | Successful Completion with Merit Certificate of Online Course: 'Course design for outcomes based learning in higher education', Developing of Degree programme in architecture, Tuning Academy, University of Deusto, Spain, May - August 2015. (Topics: Reflection as a Tool for Learning, Generic and Subject-Specific Competences in Course Design for Higher Education, What are Intended Learning Outcomes and why use them?, From Competences to Intended Learning Outcomes: Developing Competences Through Sequenced Steps, Teaching, Learning and Assessing Learning Outcomes, Alignment of intended learning outcomes with Teaching, Learning and assessment activities). |
| International Workshops | <p>Implementing Tuning in Middle East and North Africa Workshop for Institutions Implementing the Pilot Degree Programme, Developing of Degree programme in architecture, The Hashemite university, Jordan, 17-21 May, 2015 (Topics: Writing Competences and Learning Outcomes, Designing the Degree Programme in Architecture, Practicing the Profiling a Degree Programme, Teaching, Learning and Assessment).</p> <p>Netherlands, University of Groningen, 13 - 16 Nov 2016: "Students' workload and ECTS": Students' Workload and its link with Tuning Methodology, ECTS and Students' Workload, Implementation of ECTS-based Programmes in T-MEDA Project, Students and Academics Feedback, Distribution of ECTS Credits and Student Learning Guide, Accreditation of the Educational Programmes, Implementation of ECTS-based Programmes in University of Groningen. Designing of a Degree programme from context to structure; ECTS in Law Degree programme; Teaching, Learning and assessment in student-centered degree programme; Writing competencies and learning outcomes.</p> |
| Master Thesis Supervision | Nasser, M., (2013). Children's Travel Mode to School Travel Patterns and The Influencing Factors on Modal Choice to Elementary Schools in Irbid, |

Hamdo, M., (2015). Optimizing thermal and visual performance of school buildings in Jordan. Master's thesis, Jordan University of Science and Technology.

Mazen, H., (2015). Improving the vitality of urban parks through space syntax analysis; case study of King Al-Hussein park, Amman. Master's thesis, Jordan University of Science and Technology.

Shqra, L., (2016). Maximizing the efficiency of shading systems in regions with hot summer and cold winter. Master's thesis, Jordan University of Science and Technology.

Hawash, D., (2017). Community solidarity and defensibility under the threat of urban sprawl- The case of Fuhais town. Master thesis, The German Jordanian University.

Kan'an, R., (2017). Retrofit of Residential building in Jordan to improve building energy efficiency; Optimized model for Energy saving, Master's thesis, Jordan University of Science and Technology.

Al-Khatatbeh, B., (2017). Utilizing daylight potentials as a tool for improving visual comfort and energy efficiency in existing classroom. Case of Jordan university of science and technology (JUST). Master's thesis, Jordan University of Science and Technology.

Al Hashlamun M. Rifra, (2017). Building envelope thermal upgrade: Development an approach to envelope retrofitting for governmental school building in Jordan. Master's thesis, Jordan University of Science and Technology.

Al Qudah M. Rawan, (2019). Building glass applications for day lighting optimizing in building in Jordan. Master's thesis, Jordan University of Science and Technology. Master's thesis, Jordan University of Science and Technology.

Competitions Al Raya Building Monument Design Contest, The Royal Hashemite Court.