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Architecture Program Accreditation
A Pathway to Graduates International
Mobility

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Architecture Program Accreditation A Pathway to Graduates International Mobility

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Abstract

The education of architects as global professionals has been one of the priority goals of the Faculty of Architectural Engineering (FAE) at the Beirut Arab University for many years. It is believed that practice and education are interdependent elements of the profession that, when integrated, enable students, educators, and practitioners to obtain and maintain the knowledge and skills needed to enter and fully participate in the profession, and to achieve design excellence in service to the globalized community.

Therefore, the FAE has developed its curriculum in a positive manner to integrating of education of architecture into practice, meeting the continuing challenges in the era of globalization. The aim of this paper is to evaluate the program using the validation criteria of several architecture accreditation boards.

The main prospect of evaluation is that to achieve a satisfactory balance between theory and practice which implies that the study program addresses the fact that architects cannot limit themselves to conceptual analysis or virtual projects, nor to local and regional practice of the profession. Instead, graduates have the opportunity to reside their education at the crossroads between human, social, and cultural values and the technical capacities of construction of the global world.

Keywords: Architecture education, program accreditation, mobility.

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Introduction

Architecture education in the developed countries is considered as a fundamental corner stone for the advancement of technology and applied sciences, and for being the basic foundation of knowledge and innovation. Accordingly, the institutions of higher education in the Arab world should work actively on the development of architecture education programs to keep pace with the requirements of the labor market and the industry. This policy must be accompanied with the improvement of the quality of architecture education and relative outcomes.

The increasing number of universities that teach architecture led to significant increase of graduates who are none randomly harmonious with the needs of the labor market. Subsequently, based on this reality, architecture education in the Arab World and in Lebanon specifically, needs to be reevaluated.

Most universities considered quality assurance and international accreditation of their architecture programs as a priority. Besides, the Federation of Arab Engineers has decided to create an Arab Council for quality assurance and accreditation of engineering programs, including architecture programs, within the Federation. Also the Association of Arab Universities decided in 1999 to create a board for quality assurance and accreditation within the association, and this decision was approved by the seventh conference of the Arab Ministries of Higher Education held in Riyadh – KSA. In 2009, through a UNDP project, a Quality assessment of engineering programs was conducted based on detailed internal and external reviews of engineering programs in 19 Arab universities [1]. In addition, the increased mobility in the workspace is generating pressure to expand competencies beyond countries.

Architecture Education in Lebanon

Lebanon is one of the countries in the world that have a high ratio of institutions of higher education institutions relatively to the number of population; there are about 42 higher education institutions including universities, colleges or faculties of different specialties.

Due to the exclusiveness of architecture education for being a liberal profession so related to the labor market and subject to the terms of professional practice, there are only eight universities in Lebanon who teach architecture; one public and 7 private institutions. These universities listed in Table 1 adopt a variety of educational systems. Architecture education in Lebanon dates back to 1943 with the first school of architecture, L'Academie Libanaise des Beaux-Arts (ALBA), followed by the American University of Beirut (AUB) in 1951, and 11-15 years later by Beirut Arab University (BAU) and Lebanese University (a public institution), respectively. Later, in the last 5 decades, additional 4 private universities offered degrees in architecture: Holy Spirit University of Kaslik (USEK) in 1978, Lebanese American University

(LAU) in 1993, Notre Dame University in 1999, and the latest Al-Manar University of Tripoli in 2006.

Table 1 identifies also the number of architecture students registered in 2013 at these universities with a total of 5142. The total number of graduates for the academic year 2012/2013 is 378, adding to them the large number of graduate of those who completed their study in architecture abroad.

Table 1. *List of Universities offering Architecture Programs in Lebanon*

Institution	Year of launching Architecture	Program Duration	Number of Registered students in 2014	Number of Graduates in 2013
Balamand University Academie Libanaise des Beaux- Arts (ALBA) 2 branches	Program 1943	PG. Diploma 6 years (340 Euro. Cr.)	698	27
American University of Beirut (AUB) Faculty of Engineering and Architecture	1951	BArch. 5 years (174 Cr.)	170	28
Beirut Arab University (BAU) Faculty of Architectural Engineering 2 branches	1962	BArch. Eng. 5 years (180 Cr.)	645	80
Lebanese University (UL) Institue des Beaux-Arts 4 branches	1966	MArch. 5 years (300 Euro. Cr.)	952	104
Holy Spirit University of Kaslik (USEK) Faculty of Fine and Applied Arts	1978	PG. Diploma 6 years (192 Cr.)	1327	46
Lebanese American University (LAU) School of Architecture and Design 2 branches	1993	BArch. 5 years (176 Cr.)	472	45
Notre Dame University (NDU) Faculty of Architecture, Arts and Design 2 branches	1999	BArch. 5 years (182 Cr.)	698	39
Al-Manar University of Tripoli (MUT) Faculty of Architecture and Design	2006	BArch. 5 years (168 Cr.)	180	9
Total			5142	378

This large amount of Architecture schools dispatched to the local and regional labor market large numbers of practitioners which exceed the needs of the Lebanese market.

Upon graduation, Lebanese architect (or architectural Engineer) has to join one of the Order of Engineers and Architects in Beirut or Tripoli, after he/she has been given a permission to practice the profession from the Ministry of Labor.

Today, the number of registered architects at the Order of Engineers and Architects in Beirut and Tripoli are respectively 6874 and 1209, with a total number of 8056 architects. This means that Lebanon has a shockingly high percentage of architects in its population: for every 496 Lebanese, one is an architect. According to the graph illustrated in Figure 1, Lebanon has the second highest ration in the world after Italy with a ratio 414 inhabitants / architect. Portugal, Denmark, Germany, Belgium, Spain, Cyprus and Greece all have ratios of less than 1,000 to one [2]. This may explain the reason why a large amount of Lebanese architects work or seek for job abroad, mostly in the

UAE, Qatar, and KSA. Hence, this study will include a study of schools validated / accredited in the Middle-East and the Arab World Region.

In conclusion, this very high ratio of architects should urge architecture schools in Lebanon to enhance competition in the already tight labor market by assuring high quality of architectural education and insure regional and international mobility of their graduates through accreditation of their offered architecture programs.

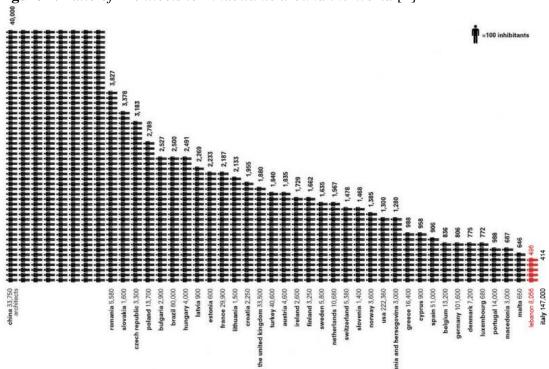


Figure 1. Ratio of Architects to Inhabitants around the World [2]

Architecture Program Validation / Accreditation

Accreditation is regarded as one of the key benchmarks for measuring the quality of academic programs. Accredited programs are deemed to be of higher quality than those which are not, thus graduate of such programs tends to be more readily accepted by the market. Given the increasing globalization, the architecture professions are no longer bounded to certain countries or region but are practicing throughout the world, thus the need for accreditation arise.

The following sub-sections will identify the internationally accredited architecture programs mainly by the RIBA, NAAB and the UIA as these accreditation bodies to which universities in the Middle East region apply to.

Understanding Difference between Validation and Accreditation

Throughout this study, it has been noted that the words *validation* and *accreditation* are often used interchangeably. According to the International Union of Architects (UIA) has similar definition of the 3 terms *accreditation* / *validation* / *recognition* as a 'process which establishes that an educational program meets an established standard of achievement. Its purpose is to assure the maintenance and enhancement of an appropriate educational foundation' [3].

According to the National Architectural Accrediting Board (NAAB), the used term is *accreditation*, which is defined generally as a voluntary quality assurance process by which services and operations are evaluated by a third party against a set of standards established with input and collaboration from peers within the field. This U.S. model for accreditation is based on the values of independent decision-making by institutions, the ability of institutions to develop and deliver postsecondary education within the context of their mission and history, the core tenets of academic freedom, and the respect for diversity of thought, pedagogy, and methodology [4].

However, for the Royal Institute of British Architects (RIBA) there are significant differences between the two terms. The emphasis in validation is on outputs, particularly student academic portfolios (containing not just design work but also examination scripts, course work etc.) assessed against the RIBA Validation Criteria rather than teaching inputs. Hence the term validation is used to describe the outcome oriented approach of the RIBA's recognition procedures, which does not only seek to measure the inputs into a course of study. On the other hand, RIBA believes that *accreditation* is usually based on a number of 'input' criteria, which may include the nature of the curriculum; the quality and quantity of teaching staff; and the physical, information and technical resources. This measurement of 'inputs' is normally termed accreditation [5].

International Programs validated by the RIBA

The international schools with courses recognized by the Royal Institute of British Architects (RIBA) are 31 distributed over 16 countries as follows [6]:

- 14 schools in Latin America; 12 of them validated for Part 1 and Part 2, and the other 2 schools validated for Part 1 only. The First 2 schools recognized by the RIBA are in Chile since 1991.
- 6 schools in Europe; 4 of them validated for Part 1 and Part 2, 1 validated for Part 1 only, and 1 is candidate for Part1. The First school recognized by the RIBA is in Bulgaria since 2004.
- 8 schools in South Asia and the Far-East; 6 of them validated for Part 1 and Part 2, and 2 schools candidate for Part 1 only. The First school recognized by the RIBA is in Singapore since 1968 followed by a school in Sri Lanka since 1986.
- **3 schools in the Middle-East**; 2 of them validated for Part 1 and Part 2, and the 3rd one validated for Part 1 only which is Beirut

Arab University in Lebanon. The First school recognized by the RIBA is in Egypt since 2004. Table 1 illustrates the detailed information of theses validated courses in the Middle-East and the Arab World.

It can be concluded that 45% of the international architecture schools recognized/validated by the RIBA are in Latin America compared to 10% in the Middle-East. On the other hand, schools in the Far-East were the first to request validation from the RIBA, and since 2004 only programs in Europe and the Middle-East started to be RIBA validated.

Table 2. Architecture Programs that are recognized by the RIBA in the Middle East and the Arab World

Arab Academy of Science and Technology – Alexandria, Egypt Validated Courses:

Part 1: on completion of term 8 of BSc in Architectural Engineering and Environmental Design (4 years full time, comprising 1 year Foundation + 3 years) **Part 2:** on completion of terms 9 and 10 of the BSc program plus 4 terms of the graduate studies program MSc in Architectural Engineering and Environmental Design (1 year full time, plus 2 years part time)

Recognized from: 2004

Last RIBA visiting board: October 2009

Next Visit: 2014

Arab Academy of Science and Technology - Cairo, Egypt

Validated Courses:

Part 1: on completion of term 8 of BSc in Architectural Engineering and Environmental Design (4 years)

Part 2: on completion of terms 9 and 10 of the BSc program plus 4 terms of the graduate studies program MSc in Architectural Engineering and Environmental Design (1 year full time, plus 2 years part time)

Recognized from:

Part 1: 2006 Part 2: 2013

Last RIBA visiting board:

Part 1: October 2012 **Part 2:** March 2013

Next Visit: 2017

Beirut Arab University - Debbieh, Lebanon

Validated Courses:

Part 1: Bachelor of Architectural Engineering, 5 years full time (on completion of semester 10)

Recognized from: June 2012

Last RIBA visiting board: June 2012

Next Visit: 2017

International Programs Accredited by the NAAB

In order for a professional degree program in architecture to be accredited by the NAAB, the institution offering this program must be accredited by one of 6 identified regional institutional accrediting agencies for higher education

in the U.S [4]. Lebanese American University (LAU) and American University of Dubai (AUD) are the only two universities outside the U.S. who have been considered eligible for NAAB accreditation as they both have institutional accreditation from regional institutional accrediting agencies in the U.S. LAU became fully accredited since November 2009 and for five year period by the New England Association of Schools and Colleges (NEASC), and AUD became accredited since December 2007 by the Southern Association of Colleges and Schools (SACS). Table 3 represents the status of accreditation process of these two universities.

Table 3. Architecture Programs that are eligible for NAAB Accreditation in the Middle East

Lebanese American University - Lebanon

Program: B.Arch.

Eligibility recognized from: 2012 Initial Candidacy: January 2013. Candidacy Visit: Spring 2015

American University of Dubai - UAE

Program: B.Arch.

Eligibility recognized from: March 2013

Initial Candidacy: ---.
Candidacy Visit: Fall 2014

Institutions that are not accredited by a U.S. regional accrediting agency may request NAAB 'substantial equivalency' to NAAB accredited programs. The term 'substantial equivalency' identifies a program as comparable in educational outcomes in all significant aspects, and indicates that it provides an educational experience meeting acceptable standards, even though such program may differ in format or method of delivery [4].

The international schools with courses substantially equivalent to NAAB accredited programs are three: Istanbul Technical University (in 2008), Kuwait University (in 2010) and King Saud University in Saudi Arabia (in 2013). Other schools that applied for substantial equivalency are 30 distributed over 15 countries as follows [7]:

- **4 schools in Latin America**; 2 in Chile, 1 in Colombia, and 1 in Ecuador.
- **6 schools in Europe**; 4 in Spain, and 2 in Ireland.
- 5 schools in South Asia and the Far East; 2 in India, 1 in Philippines, 1 in Bangladesh, and 1 in Thailand.
- 15 schools in the Middle East and the Arab World; 4 in Turkey, 6 in Saudi Arabia, 2 in the UAE, 1 in Bahrain, 1 in Qatar, and 1 in Egypt which is Arab Academy for Science and Technology, and Maritime Transport whose program is already validated by the RIBA (Table 4).

It can be concluded that 55% of the international architecture schools that are substantially equivalent or applying for substantial equivalency to NAAB accreditation in the Middle East compared to 12% in Latin America. On the other hand, schools in the Middle East were the first to request accreditation from the NAAB, and the only substantially equivalent programs are in the Middle East as well.

Table 4. Institutions that are Substantially Equivalent or Applying for Substantial Equivalency to NAAB Accreditation in the Middle East [7]

Most Recent **Institution, Country Next Step / Visits** Activities Istanbul Technical Awarded Substantial Equivalency since January University, Turkey Awarded Substantial Equivalency since January University of Kuwait, Kuwait 2010 King Saud University, Saudi Awarded Substantial Equivalency since 2013 Arabia Visit 2 Completed, Uludag University, Turkey Visit 3, pending 2007 Visit 2 Completed, Visit 3, pending (Fall University of Bahrain, Bahrain 2009 2014) Visit 2 Completed Visit 3, Pending Qatar University, Qatar December, 2013 Arab Academy for Science and Visit 1 Completed, Technology, and Maritime Visit 2, Pending 2010 Transport, Egypt University of Dammam, Saudi Visit 1 Completed, Visit 2, Pending (May Arabia 2012 2014) Eastern Mediterranean University, Visit 1 Completed, Visit 2, Pending North Cyprus – Turkey 2013 Technical University, Visit 1 Yildiz Visit 2, Pending Istanbul - Turkey Completed, 2013 Dar Al—Uloom University, Saudi Application Visit 2, Pending Received, 2014 Arabia Abu Dhabi University, UAE Counseling / Consulting **Initial Inquiry** Canadian University of Dubai, **Initial Inquiry** Counseling / Consulting **UAE** Effat University, Saudi Arabia **Initial Inquiry** Counseling / Consulting Umm Al-Qura University, Saudi **Initial Inquiry** Counseling / Consulting Arabia Yanbu University College, Saudi Counseling / Consulting **Initial Inquiry** Arabia Dar Al-Hekma, Jeddah, Saudi Counseling / Consulting **Initial Inquiry** Arabia Bilkent University, Ankara **Initial Inquiry** Counseling / Consulting Turkey

International Programs Accredited by the UNESCO-UIA

The joint UN Educational, Scientific and Cultural Organization (UNESCO) and International Union of Architects (UIA) UNESCO-UIA Validation Council for Architectural Education has been established to recognize existing and new validation systems, and to validate study programs offered at schools of architecture and other institutions.

In 2009, the Korean Architectural Accrediting Board (KAAB) and Japan Accreditation Board for Engineering Education (JABEE) became the only accrediting boards that are recognized by the UNESCO-UIA, by gaining certification from UNESCO-UIA, Validation Council for Architectural Education. As for the study programs validated by the UNESCO-UIA, there are no published list available, specifically on the UIA homepage, but according to the American University of Cairo (AUC) news, AUC architecture program is the first in the Middle East and Africa to be granted this recognition [8].

Canberra Accord on Architectural Education

The 'Canberra Accord on Architectural Education: Recognition of Substantial Equivalence between Accreditation / Validation Systems in Architectural Education' was signed on April 9, 2008 in Canberra, Australia. It is a document by 7 accreditation/ validation boards in architectural education. The Canberra Accord is intended to '...to facilitate international mobility of graduates in architecture and contribute to improving the quality of architectural education through benchmarking...' between the founder signatory authorities.

This accord does not address matters related to professional registration or licensure.

The first initiative for this accord was in May 2006 by the National Architectural Accrediting Board (NAAB), the National Council of Architectural Registration Boards (NCARB) and the American Institute of Architects (AIA). Architectural accrediting agencies from the U.S., Australia, Canada, China, Mexico, Korea, and the United Kingdom attended the first roundtable, as well as leaders from the Commonwealth Association of Architects and the International Union of Architects (UIA). Canada hosted the next Roundtable in 2007, and in April 2008 the following accreditation bodies signed the accord:

- The Royal Australian Institute of Architects (RAIA)
- The Royal Institute of British Architects (RIBA)
- Canadian Architectural Certification Board (CACB-CCCA)
- The National Board of Architectural Accreditation of China (NBAA)
- Commonwealth Association of Architects (CAA)
- Korean Architectural Accrediting Board (KAAB)
- Comite Mexicano para la Practica Internacional de la Arquitectura (COMPIAR)

- Consejo Mexicano de Acreditación de Enseñanza de la Arquitectura (COMAEA)
- US National Architecture Accreditation Board (NAAB)

In addition to contributing to the quality of architectural education through benchmarking, the core aim of the Accord is to recognize the increasingly international context within which the architect now works, and to facilitate the portability of educational credentials between signatory domains. But, because architecture is practiced in such a constrained environment governed by laws, regulations and rules, it is complicated to allow an immigrant architect to practice without an intimate and proven knowledge of local conditions, contracts, customs and ethics. For this reason professional registration – the license to practice and call oneself an architect – is not even transportable between the signatory countries, but it may assist professional mobility.

Comparative Analysis between Riba, Naab & Unesco- UIA Validation Systems

Accreditation Procedures

The review of the validation / accreditation procedures of the RIBA, NAAB and UNESCO- UIA are summarized in Table 5. This study shows that the three boards have similar accreditation / validation process.

Recommended Architecture Graduate Attributes

According to the RIBA, the terms 'knowledge', 'understanding', 'ability' and 'skills' are used in the General and Professional Criteria to indicate the nature of achievement required as the student progresses through qualifications at Part 1 and Part 2.

The NAAB accreditation criteria encompass two levels of accomplishment:

- **Understanding:** The capacity to classify, compare, summarize, explain and/or interpret information.
- **Ability:** Proficiency in using specific information to accomplish a task, correctly selecting the appropriate information, and accurately applying it to the solution of a specific problem, while also distinguishing the effects of its implementation.

As for the UIA, the capabilities that should be acquired by architecture students during their study program are **design abilities**, **knowledge** and **skills** in order to become architects that are capable of fulfilling their roles as generalist who can coordinate interdisciplinary objectives [10].

Table 6 identifies the accreditation / validation criteria and associated attributes of the three bodies.

 Table 5. Comparative Study between the RIBA, UIA, and NAAB from which Most Academic Institutions in the Middle-East and the Arab

World Request Accreditation / Validation for their Architecture Program

Subject of Study	RIBA	UIA	NAAB
Since	1924	2002	1940
Scope of validation / accreditation	Worldwide	Worldwide (applied only with countries under UIA Charter)	National (Only in the US)Substantial equivalency for schools outside US
Validation / Accreditation system	Validation of architectural study programs of individual institution	 Recognition of validation system (JABEE and KAAB) Validation of architectural study programs of individual institution 	Validation of architectural study programs of individual institution
Validated / Accredited institute	 48 programs in the UK 29 programs worldwide; 3 of them are in the Arab Region: 2 in Egypt and Beirut Arab University (BAU) in Lebanon 	 Recognition of validation system in Japan and South Korea No clear list of validated program but the American University of Cairo (AUC) is the first in the Arab Region 	 129 programs in the US 2 programs eligible for accreditation in the Arab Region; 1 in Lebanon (Lebanese American University) and 1 in the UAE (American University of Dubai) 3 programs awarded substantial equivalency; 3 of them in the Arab Region (Kuwait and Saudi Arabia)
Accreditation body	Royal Institute of British Architects – Education Department, New Course Group	UNESCO UIA Charter for Architecture Education UIA appointed lately the RIBA to manage the UNESCO-UIA validation procedures.	The National Architectural Accrediting Board (NAAB)

Procedures for validation / accreditation	Formally request preliminary meeting/discussion with RIBA Education department Submit validated documents (self assessment report & course mapping) to New Courses Group (NCG) NCG agrees to convene exploratory board once first cohort completes first year Exploratory board recommends candidate course status Visiting board recommends validation.	 Information Base Report Scheduling a visit Report group visit Preliminary report UNESCO-UIA Regional Validation Committee Report UNESCO-UIA Council Decision 	 Application to establish candidacy status. Determination of eligibility. Initial candidacy visit (Architecture Program Report Submitted for Initial Candidacy Visits) Request for initial accreditation Initial accreditation visit
Period of validation	5 years	5 years	6 years
Result delivery	Outcomes of an exploratory visit: the course is given candidate course status for part 1 and/or part 2 / part 3 the course is not given candidate course status Outcome of an Initial visiting board: the course is unconditionally validated the course is validated with conditions the course is not recommended for validation, but continues as a candidate course exceptionally, the board may recommend removal of candidate course status	 Initial Recognition/Validation (unconditional, for 5 years) Conditional Recognition/Validation (for 2 years, indicating the conditions to be met before the next visit of the Report Group) Provisional Suspension of Recognition/Validation (suspension of the agreement for 1 year, indicating the conditions to be met before the next visit by a Report Group) Refusal of Recognition/Validation 	 Candidacy for initial accreditation status is established, in which program has 2 - 6 years to obtain initial accreditation Initial Accreditation period, 3 Years Program is required to achieve a 6 year term for continuing accreditation in the next visit Granted one of the following terms for continuing accreditation Six Year term Six Year Term with focused evaluation during the first 1,2 or 3 years Three Years Term Two Year Probationary Term Revocation of accreditation: Program was able to achieve a term for continuing accreditation during the visit after a Two-Year Probationary Term. Substantial equivalency

Table 6. Comparative Study between the Architecture Graduate Attributes Recommended by RIBA, UIA, and NAAB.

RIBA 2014	NAAB2014	UIA 2011	
GC1. Ability to Architectural Designs satisfying aesthetic and	Realm A: Critical Thinking and Representation	A. Design	
technical requirements	A.1 Professional Communication Skills	A1. Creative Imagination, Innovation and Design	
GC2. Knowledge of the histories and theories of architecture and	A.2 Design Thinking Skills	Leadership.	
the related arts, technologies and human sciences	A.3 Investigative Skills and Applied Research	A2. Information Gathering and Critical Analysis	
GC3 Knowledge of the fine arts	A.4 Architectural Design Skills	A3. Three-Dimensional exploration of design	
GC4 Knowledge of Urban Design, Planning and the planning	A.5 Use of Precedents	A4. Design Solutions based on integration of Knowledge	
process skills	A.6 Historical Traditions and Global Culture	and Application of Skills	
GC5 Understanding of the relationship between people and	A.7 Cultural Diversity		
buildings, and their environment	Realm B: Integrated Building Practices, Technical Skills and	B. Knowledge	
GC6 Understanding of the profession of architecture and the role	Knowledge	B1. Cultural and Artistic Studies	
of the architect in society	B.1 Pre-Design B.2 Accessibility	B2. Social Studies	
GC7 Understanding of the methods of investigation and	B.3 Site Design B.4 Life Safety	B3. Environmental Studies	
preparation of the brief for a design project	B.5 Technical Documentation B.6 Environmental Systems	B4. Technical Studies	
GC8 Understanding of the structural design, constructional and	B.7 Structural Systems	B5. Design Studies	
engineering problems associated with building design	B.8 Building Envelope Systems and Assemblies	B6. Professional Studies	
GC9 Knowledge of physical problems and technologies and the	B.9 Building Service Systems		
function of buildings	B.10 Financial Considerations	C. Skill	
GC10 Design Skills to meet building users' requirements within the	Realm C: Professional Practice	C1. Interdisciplinary Collaboration	
constraints imposed by cost factors and building regulations	C.1 Stakeholder Roles In Architecture	C2. Professional Communication Skills	
GC11 Knowledge of the industries, organizations, regulations and	C.2 Project Management	C3. Visual Communication Skills	
procedures.	C.3 Business of Architecture	C4. Performance Evaluation of Built Environments	
	C.4 Non-traditional Forms of Practice		
	C.5 Legal Responsibilities		
	C.6 Professional Ethics		
	Realm D: Integrated Architectural Solutions:		
	D.1 Integrative Design		

Conclusion

Through reviewing the international accreditation / validation tendencies of architecture programs in Lebanon and the Arab World, it has been noticed that most of them went toward NAAB accreditation. This was not the case of BAU who selected to be validated by the RIBA. Nevertheless, BAU has the opportunity to apply for NAAB Substantial Equivalency as the Arab Academy for Science and Technology, and Maritime Transport in Egypt which is also accredited by the RIBA. This will facilitate the mobility of its graduate to the Regional market at the first level; namely Saudi Arabia, Kuwait, United Arab Emirates and Qatar; where most of their institutions are targeting NAAB Substantial Equivalency.

The paper has also shown that institutional accreditation open the scope of international mobility and programs' accreditation.

This paper also recommends that Arabic countries should benefit from the expertise of those countries around the world to establish their own Arab Architecture Accreditation / Validation Board. Arab architectural education systems need to develop their own model based on their climate and culture, but also adapt to what is in the market.

On the other hand, it is recommended that the Federation of Arab Engineers reviews the condition procedures, and evaluation criteria of the Arab Council for quality assurance and accreditation of engineering programs in order to comply with the international standards, and be eligible to join the Canberra Accord, or be recognized by the UNESCO- UIA Charter for Architecture Education

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