

Yathreb Adnan Sabsaby, Ph.D.

Assistant professor
Beirut Arab University,
Faculty of Architecture- Design and Built Environment

Personal Information

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Lebanese

Gender: Female / Date of birth 05 June 1984 / Status: Married

Education

- September 2013- Jun 2017 **PhD in Architecture- Thesis Title: “Building Energy Modelling tool for residential buildings”**
Beirut Arab University, Faculty of Architecture- Design and built environment.
- September 2009-Jun 2013 **MSc in Architecture- Thesis Title:” Towards sustainable housing in Tripoli”**
Beirut Arab University, Faculty of Architecture- Design and built environment.
- September 2003- Jun 2009 **Higher Education degree in Architectural engineering**
Lebanese University, Faculty of Fine Art, third branch.

Work experience

- January 2017-Present **Assistant professor**
Beirut Arab University, Faculty of Architecture- Design and built environment, Tripoli branch- Block F, Phone: +961 6218400
- September 2023-Present **Head of the Environmental Laboratory at the Tripoli branch**
- April 2024- Present **Secretary of the Scientific Committee at the Order of Engineers and Architects – Tripoli**
- June 2025- Present **Member of the Public Works Committee at the Municipality of Tripoli**
- February 2024- Present **EPC Expert by LCEC (Lebanese Center for Energy Conservation)**
- September 2013- September 2023 **Lecturer**
Lebanese University, Faculty of Fine Art, Architecture department, Branch III, Tripoli branch- Block A, Phone: +961 6409451
- Jun 2009- Present **Architectural Designer**
Dar sabsaby for contracting and engineering, Tripoli, Dam & Farez, Jawhara bldg., Ground Floor, Phone: +961 6412732.

Personal skills

Mother tongue(s)	Arabic				
	Understanding		Speaking		Writing
Other language(s)	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C2	B1	B1	C1
French	C1	C2	B1	B1	B1

Computer skills and competences Expert in Autocad, 3ds max, Adobe photoshop , Designbuilder , Envi-met and Revit Normal in Rhino, HAP, Sketchup, and Lumion.

Refereed journal articles

- Sabsaby, Y., & Felix M. (in press). *Earthen Material Integration in Lebanon's Construction Sector*. *An-Najah University Journal for Research - A (Natural Sciences)*
- Sabsaby, Y. (in press). Towards a circular urban metabolism: *Repurposing excavation waste for earthen material production in Tripoli, Lebanon*. *Journal of Environmental Management*, 398.
- Sabsaby, Y., & Majzoub, D. (2026). *Evaluating the implementation of energy adaptive reuse in historic buildings*: A case study of the historical Raghadan hotel in Al Tal. *Journal of Building Construction and Planning Research*, 14(1). <https://doi.org/10.4236/jbcpr.2026.141005>
- Belok, F., & Sabsaby, Y. (2024). *Energy performance improvement in a Lebanese family house*. *Advances in Science, Technology and Innovation*, 193–204. https://doi.org/10.1007/978-3-031-65088-8_15
- Omar, O., & Sabsaby, Y. (2015). *Thermal comfort in Lebanese residential unit case studies: A coastal region in Lebanon*. *WIT Transactions on Ecology and the Environment*, 195, 337–349. <https://doi.org/10.2495/ECO150311>
- Omar, O., Sabsaby, Y., & Amru, R. (2015). *Zero energy university building: Energy performance evaluation of the Faculty of Architectural Engineering in Tripoli branch*. *Architecture and Planning Journal (APJ)*, 23(1), ISSN: 2079-4096 <https://digitalcommons.bau.edu.lb/apj/vol23/iss1/2/>

Full-length papers in refereed conference proceedings

- **Sabsaby, Y.** (2025). *Integration of earthen materials in the Lebanese construction industry*. In *Proceedings of the 4th Global Summit on Advances in Earth Science and Climate Change* (p. 156). Peers Alley Media.
- **Sabsaby, Y., Aysh, H., & Maroun, S.** (2023, November). *Application of low-impact development in cemeteries: Case study; AlRahma Cemeteries in Tripoli, Lebanon* [Paper presentation]. Sustainability Gen-4 post COP27 Conference, Cairo, Egypt
- **Belok, F., Sabsaby, Y., & Khaled, F.** (2023, September 17–18). *Energy performance improvement in Lebanese family house* [Paper presentation]. Climate Change and Environmental Sustainability (CCES) Conference.
- **Sabsaby, Y.** (2016, September). *Analysis of a residential building energy consumption as “base model” in Tripoli, Lebanon* [Paper presentation]. Energy Quest 2016: 2nd International Conference on Energy Production and Management in the 21st Century, Ancona, Italy.
- **Omar, O., & Sabsaby, Y.** (2015). *Thermal comfort in Lebanese residential unit case study: Coastal region in Lebanon* [Paper presentation]. 6th International Conference of Energy and Sustainability, Medellin, Colombia.
- **Sabsaby, Y.** (2015). *Energy efficiency retrofitting of residential buildings* [Paper presentation]. 17th International Conference on Sustainable Building and Architectural Engineering (ICSBAE 2015), Paris, France.
- **Omar, O., & Sabsaby, Y.** (2014, October 28–30). *Paths towards zero carbon city using nanotechnology: Tripoli case study* [Paper presentation]. World Sustainable Building Conference 2014, Barcelona, Spain.

Awards, Certificates

2026

- **Shield of Appreciation & Gratitude ("Innovation for Sustainable Development"):** Awarded by the Federation of Arab Engineers and the Federation of Lebanese Engineers (January 31, 2026).
- **Academic Supervisor for The Algorithm Winter School – Seville 2026,** hosted by the University of Seville and organized by the Algorithm Architecture School, January 19 to 26, 2026

2025

- **Certificate of Recognition: Organization & Contribution,** Scientific Forum: “Revitalizing Abu Ali River,” Beirut Arab University (BAU) Tripoli Campus, November 2025.
- **Distinguished Speaker Award,** "Integration of Earthen Materials in the Lebanese Construction Industry," 4th Global Summit on Advances in Earth Science and Climate Change (Virtual), September 2025.
- **LEED Green Associate Training Certificate,** Amideast Lebanon (15-hour intensive course), September 2025.
- **Distinguished Speaker Award,** "Construction Change: Empowering Women in the Built Environment," Women in Design Construction (WDC) & Order of Engineers and Architects (OEA), Tripoli, April 2025.
- **Certificate of Recognition: Organization & Contribution,** Excellence Awards for Dar Fatwa Architecture Students' Projects, BAU Faculty of Design & Built Environment, April 2025.

2024

- **Certificate of Appreciation:** Guest Lecturer, "Architectural Standards in Sustainable Cities," Architects Association at the Order of Engineers and Architects, Beirut, July 2024.
- **Open Minds, Open Resources Workshop,** Creative Commons and OER for Professors, Beirut Arab University, Tripoli, March 2024.
- **EPC Expert Certificate,** Lebanese Center for Energy Conservation (LCEC), February 2024.
- **Team-Based Learning Workshop,** Quality Assurance Center, Beirut Arab University, February 2024.

2023 – 2012

- **Certificate of Participation,** Sustainability Gen-4 Post COP27 Conference, 2023.
- **Certificate of Participation,** Climate Change and Environmental Sustainability Conference (CCES), 2023.
- **Kinetic Responsive Architecture Certificate,** 40-hour professional course, BAU Centre for Continuing & Professional Education, March 2016.
- **AEE Certification Programs Seminar,** Order of Engineers and Architects, Tripoli, March 2016.
- **Certificate of Presentation,** 17th International Conference on Sustainable Building and Architectural Engineering (ICSBAE), Paris, France, 2015.
- **LEED Workshop Certificate,** BAU & Order of Engineers and Architects, 2015.
- **Scientific Presentation Award,** World Sustainable Building Conference, Barcelona, Spain, 2014.
- **Building Energy Modelling and Monitoring Certificate,** Beirut Arab University, 2014.
- **Green Building and LEED® Professional Accreditation Workshop,** Amideast Lebanon, 2012.

Teaching Experience

September 2013-
Present

In Beirut Arab University,
Faculty of Architecture,
Design & Built Environment-
Tripoli Campus

- ARCH431- Architectural Design V
- ARCH 432- Architectural Design VI
- ARCH 293- Building Construction III
- ARCH 462-Vernacular Architecture
- ARCH 294- Building Construction IV
- ARCH 298- Indoor Environmental Control
- ARCH339- Environmental Design
- ARCH 361- Architecture & Design
- ARCH 566- Environmental Impact Assessment
- ARCH 273- Building Construction I
- ARCH 274 Building Construction II
- ARCH 171, Architectural Design fundamentals: visual studies
- ARCH 132, Architectural Design fundamentals: visual studies: physical studies,
- ARCH 662, Advanced sustainable architecture,
- ARCH 534, Graduation dissertation
- INTD 308, Lighting design.
- ARTD 309, Environmental psychology

Course Code	Course Name	Level	Semester/Year	Enrolment
ARCH 273	Building Construction, I	1 st	Fall /2013, Fall/2014 Fall/2015 Fall/2016 Fall/2017 Fall/2018 Fall/2019	45 43 40 35 30 40 25
ARCH 662	Advanced sustainable architecture	6 th	Fall/2015 Fall/2016 Fall/2017 Fall/2018 Fall/2019 Fall/2020 Fall/2021	8 7 2 7 8
ARCH 274	Building Construction II	1 st	Spring/ 2014 Spring/ 2015 Spring/ 2016 Spring/ 2017 Spring/ 2018 Spring/ 2019 Spring/ 2020	45 43 40 35 30 40 25
ARCH 171	Architectural Design fundamentals: visual studies	1 st	Fall/2014 Fall/2015 Fall/2016 Fall/2017	43 40 35 30
INTD 308	Lighting design	2 nd	Spring/2017 Spring/2018 Spring/2019 Spring/2020	13 12 10 9
ARCH 534	Graduation dissertation	5 th	Fall/2017 Fall/2018	45 40
ARTD 309	Environmental psychology	2 nd	Fall/2021	42

January 2017-2022

Lebanese University, Faculty of Fine
Art, Architecture department, Branch
III, Tripoli branch

- ARCH L6 604 Programming in Architecture
- ARCH L1 101 Architecture Studio I
- ARCH L2 201 Architecture Studio II
- Landscape
- ARCH L3 307 Drawing, Sketching and colours
- Execution Drawing
- ARCH L5 508 Internship report I
- ARCH M3805 Internship report II
- INTD L3 Rendering in Interior Design

Course Code	Course Name	Level	Semester/Year	Enrolment
ARCH L6 604	Programming in Architecture	3rd	Spring/ 2017 Spring/ 2018 Spring/ 2019 Spring/ 2020	45 42 40
ARCH L1 101	Architecture Studio I	1st	Fall/2018 Fall/2019 Fall/2020 Fall/2021	30 52
ARCH L2 201	Architecture Studio II	1st	Spring/ 2019 Spring/ 2020	30 50
ARCH L6 603	Landscape	3rd	Spring/ 2018 Fall/2021	35
ARCH L3 307	Drawing, Sketching and colours	2nd	Fall/ 2017 Fall/ 2018	34 30
ARCH L5 508	Internship report I	3rd	Fall/2019 Fall/2020 Fall/2021	35 32
ARCH M3805	Internship report II	4th	Fall/2019 Fall/2020 Fall/2021	34 32
INTD L3	Rendering in Interior Design	2nd	Spring/ 2018 Spring/2019 Spring/ 2020	35 30 28

Project Performed

As architect membership and co-founder at “Dar SABSABI” for construction & Engineering, the field of work is expert in: Architectural design, Execution shop drawing, Interior architectural design, Execution and implementation supervision

Year	Project Name	Location	Area (m ²)	Status / Role
2021	Basateen 3570 Residence	Tripoli (Dam & Farez)	5,300	Completed; Architectural Design
2020	Afnan Qatar	Eloutourieh, Qatar	200,000	Design Development; Landscape & Architecture
2019	Sabsabi Paradise Residence	Tripoli (Dam & Farez)	5,300	Under Construction; Architectural Design
2019	Sabsaby Residence	Tripoli (Zaytoun)	3,536	Under Construction; Design & Supervision
2018	Berej 210 Residence	Minnieh - Dennieh	1,704	Completed; Design & Supervision
2018	Zaytoun 7710 Residence	Tripoli (Aby Samra)	2,447	Completed; Interior & Architectural Design

2017	Barsa Residence	Barssa, Koura	2,980	Under Construction; Architectural Design	
2017	Zaytoun 6912 Residence	Tripoli (Aby Samra)	173	Completed; Architectural Design	
2016	Adnan Residence	Tripoli (Dam & Farez)	5,343	Completed; Interior, Architecture & Supervision	
2016	Der-Ammar 707 Building	Der Ammar	800	Completed; Design & Shop Drawings	
2015	Zeina Residence	Tripoli (Dam & Farez)	5,300	Completed; Interior, Architecture & Supervision	
2014	Ahmad Center	Tripoli (Zaytoun)	3,922	Completed; Interior, Architecture & Supervision	
2014	Dar Sabsabi Residence	Tripoli (Dam & Farez)	5,132	Completed; Interior, Architecture & Supervision	
2013	Naghi Family Summer House	Bakhoun	1,200	Completed; Architectural Design	
2012	Der-Ammar 149 Complex	Der Ammar	3,700	Completed; Design & Shop Drawings	
2012	Stade Kefraya	Kefraya, Koura	3,440	Public Project; Architectural Design	
2011	Orquidea Residence	Basatyn Tripoli	4,668	Completed; Interior, Architecture & Supervision	