



جامعة دار الحكمة
DAR AL-HEKMA UNIVERSITY

ARCHITECTURE

Bachelor of Architecture Program

WHY ARCHITECTURE AT DAH?



Why Architecture?

Architecture is about imagining, producing, transforming and conserving the built environment that makes the world we live in. It is an ancient discipline that allowed the production of the marvelous monuments and spaces that embody human civilization in its greatest expression and ambition. It is the discipline that will also be defining the spaces we will be living in in the future.

As a discipline, architecture is based on a subtle balance between scientific, physical and social knowledge and creative skills. You will learn how to analyze a place's social, cultural, economic and environmental dimensions, how to imagine solutions that cater to human spatial needs (for homes, workplaces, services, leisure spaces, etc.) while protecting the environment, and how to make these solutions technically robust to stand the trial of time.



If you are interested in a career where every project is a journey of discovery and an intellectual challenge, if you are curious, open-minded, creative and passionate about finding solutions for a better way for humanity to inhabit this world ... then maybe architecture is right for you!



Why DAH?

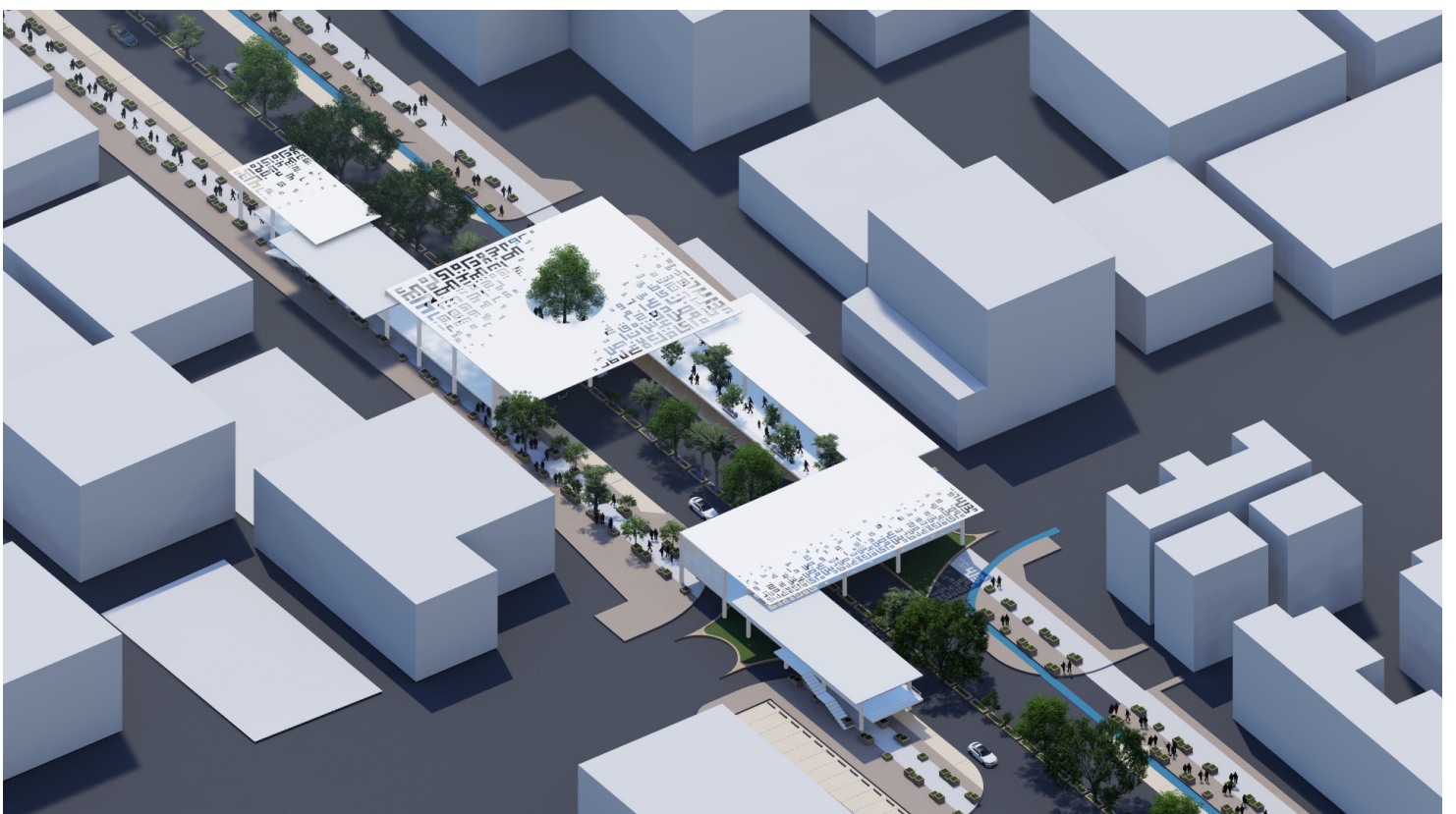
Founded in 1999, **Dar Al-Hekma (DAH)** has grown to be one of the leading universities in Jeddah and Saudi Arabia. Its midsize integrated campus makes it a human-scale university with a **strong sense of community**. It is an environment where it is possible to nurture personal development, creativity, scientific research and social engagement.

Since its foundation, **DAH** has been dedicated to the cause of **women's education**. It has graduated professionals who have become leaders and entrepreneurs of change in their fields and in Saudi society. In recent years, it has opened its Master's programs to men.



In 2021, DAH set its new five-year strategic plan, which puts an even stronger emphasis on **educational quality, creativity, innovation and positive societal impact**.

Hence, if you are interested in a quality education in a rich and engaging social environment and a forward-looking institution, DAH may well be what you need.



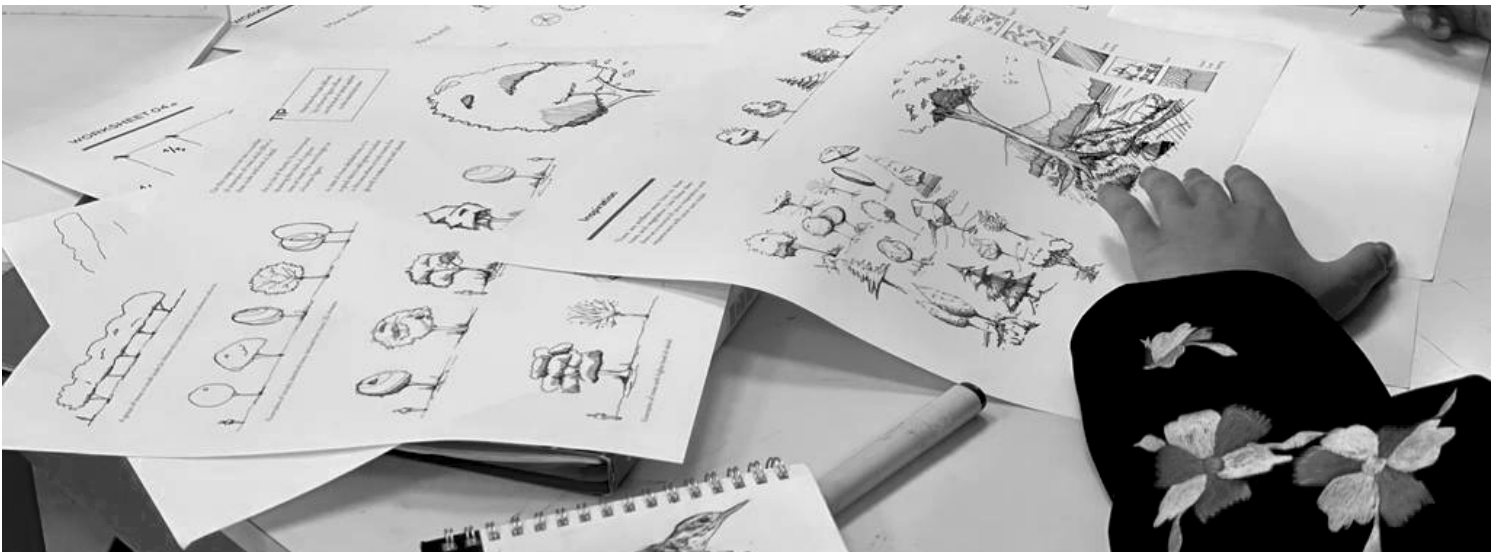


THE ARCHITECTURE DEPARTMENT

The Department Mission



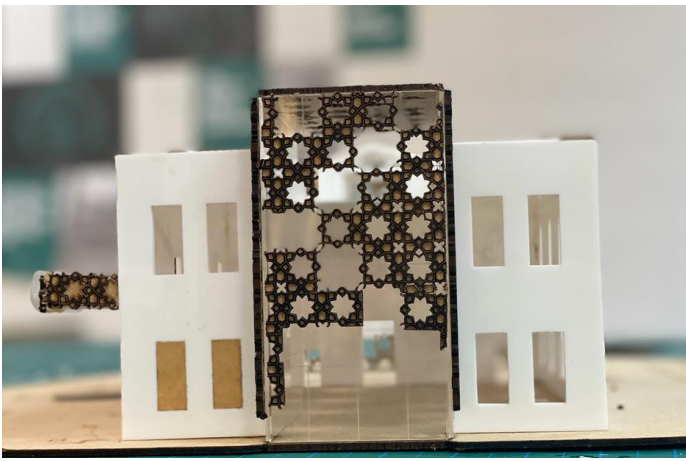
The Architecture Department aims at graduating “creative professionals equipped with the necessary design, research and leadership skills in order to contribute to the catering and production of more sustainable built environments.”



A Brief History



In 2011, Dar Al-Hekma University founded the Architecture Department, which, along with the Fashion Department, joined the Visual Communications and Interior Design departments in the Hekma School of Design and Architecture. Its Bachelor of Architecture program was developed in collaboration with the University of Colorado, Denver.



Its impactful entrance in the architectural education scene in Jeddah has been widely recognized. In 2018, the department launched its Master of Architecture program.

In 2021-2022, the Architecture Department engaged in a five-year review of its programs. This led to a change in the direction of the Master of Architecture in the direction of specialization. Hence, it became focused on bioclimatic architecture and the design of ecological buildings.

In the last decade the Architecture Department has graduated 323 students and presently has 104 students at the master's and bachelor's levels.

Faculty

Since its inception, the Architecture Department aimed to have a wide diversity of faculty members. The international diversity of its faculty, as well as the varied universities where they studied, offers students exposure to a rich variety of architectural cultures. This provides the students with an opening to the world and to multiple ways of approaching architecture.

In its history, the Architecture Department has hosted faculty from different nationalities, with degrees from leading universities in USA, UK, Europe, Australia, East and South Asia and the Middle East.



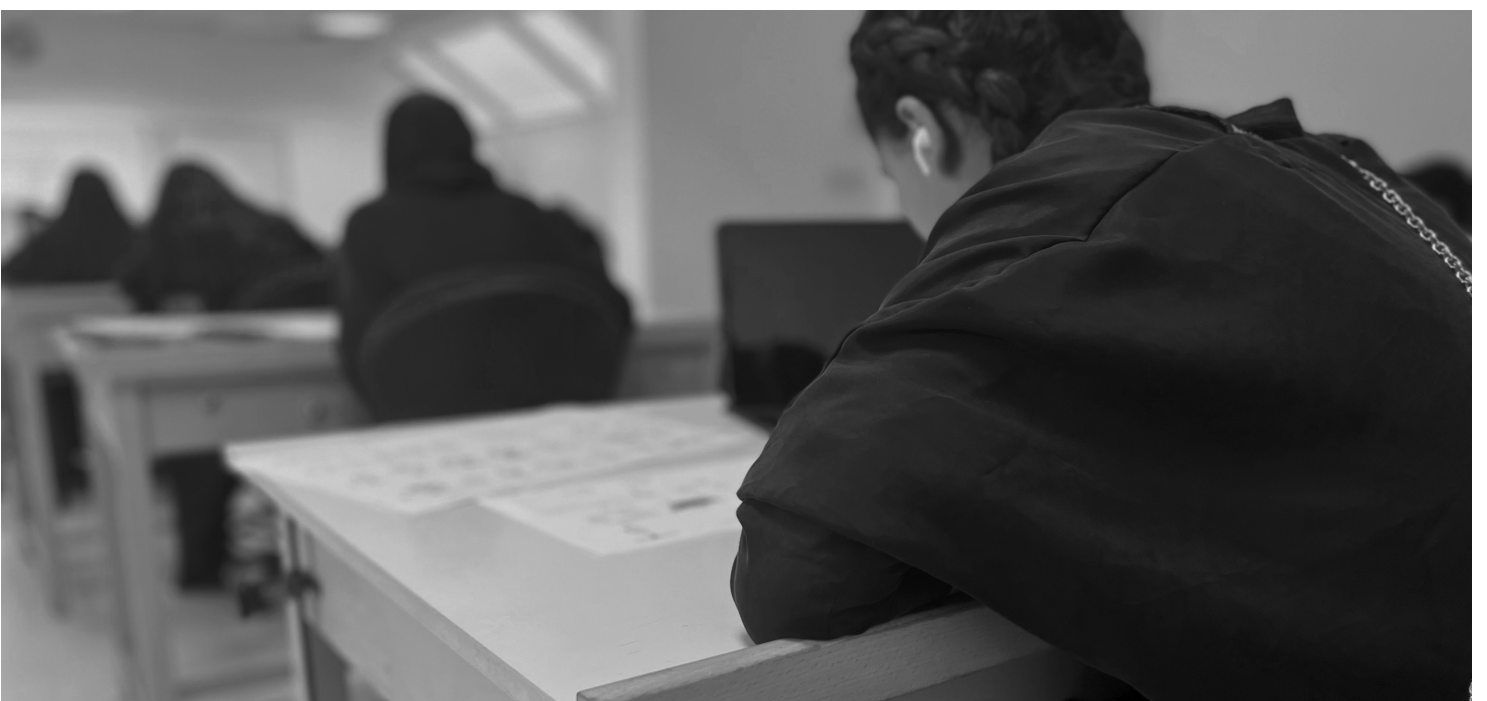
Our faculty's teaching and research interests vary from a focus on architecture and design theories to that on building technologies, digital technologies, construction management and professional practice, built heritage conservation, urban and sustainability issues.

Faculty members have different ranks, ranging from professors to lecturers and cater to the teaching needs of the Bachelor's and Master's programs. They organize and implement a wide diversity of out-of-class teaching activities and are heavily involved in the community life of the Architecture Department.

Facilities

The wing of the Architecture Department contains architectural studios, classrooms, digital labs, a Model Shop, a Materials' Library room, faculty and staff offices and design jury spaces. Other facilities accommodated on the main campus of DAH include a library, classrooms, a printing lab, and a resource room.

Soon, a new Innovation Lab will start operating on campus to support innovators and entrepreneurs seeking to develop and produce prototypes.



THE BACHELOR OF ARCHITECTURE PLAN OF STUDY

Year	Semester	Code	Name	Credits	Total	
YEAR ONE (1)	Fall	COMM 1301	Communication Skills I	3	16	
		ARTS XXXX	Art & Design	2		
		PHYS 1301	Physics and Architectural Applications	3		
		MATH 1302	Math for Architects	3		
		BARC 1500	Architectural Design - Fundamentals	5		
	Spring	COMM 1302	Communication Skills II	3	17	
		EMOI 1201	Emotional Intelligence	2		
		BBBF 1101	Basic Body and Brain Fitness	1		
		BARC 1351	Technical Drawing	3		
		BARC 1321	History and Theory of Architecture I	3		
YEARTWO (2)	Fall	BARC 1501	Architectural Design Studio 2 - Spaces	5	17	
		ARAB XXXX	Arabic Studies	3		
		BARC 2322	History and Theory of Architecture II	3		
		BARC 2341	Materials and Methods of Building Construction I	3		
		BARC 2352	Computer Aided Design I	3		
	Spring	BARC 2502	Architectural Design Studio 3 : Styles	5		17
		ISLS XXXX	Islamic Studies	3		
		XXXX XXXX	General Education Elective	3		
		BARC 2342	Materials and Methods of Building Construction II	3		
		BARC 2343	Environmental Design I	3		
YEAR THREE (3)	Fall	BARC 2503	Architectural Design Studio 4 : Environmental	5	17	
		ARAB XXXX	Arabic Studies	3		
		BARC 3324	Theories of Contemporary Architecture	3		
		BARC 3345	Structures for Architects I	3		
		BARC 3353	Computer Aided Design II	3		
	Spring	BARC 3504	Architectural Design Studio 5 : Cultural	5		16
		ICTC 1301	Information & Communication Technology Concept	3		
		BARC 3325	Theory and Practice of Urban Form	3		
		BARC 3326	Conservation of Historic Buildings	3		
		BARC 3331	Professional Practice and Ethics	2		
Summer	BARC 3505	Architectural Design Studio 6 : Urban Design	5	3		
	BARC 3332	Summer Internship 1	3			
YEAR FOUR (4)	Fall	BARC 4334	Summer Internship 2	3	16	
		ITAI 1201	Introduction to Artificial Intelligence	2		
		BARC XXXX	Program Elective	3		
		BARC 4346	Structures for Architects II	3		
		BARC 4344	Environmental Design II	3		
	Spring	BARC 4506	Architectural Design Studio 7 : Technical	5		14
		BARC XXXX	Program Elective	3		
		BARC 4333	Construction Management	3		
Summer	BARC 4354	Computer Aided Design III	3	3		
	BARC 4507	Architectural Design Studio 8 : Theoretical Theme	5			
YEAR FIVE (5)	Fall	BARC 4334	Summer Internship 2	3	14	
		ISLS XXXX	Islamic Studies	3		
		ENTR 3301	Entrepreneurship & Design Thinking	3		
		BARC XXXX	Program Elective	3		
	Spring	BARC 5508	Architectural Design Studio 9 : Graduation Project 1	5		10
		ISLS XXXX	Islamic Studies	2		
		XXXX XXXX	General Education Elective	3		
		BARC 5509	Architectural Design Studio 10 : Graduation Project 2	5	160	
		Ministry Requirement		14		
		University Requirement		19		
		General Ed Electives		6		
		Program General Requirement		6		
		Architecture Department Studio Requirement		50		
		Program Course Requirement		56		
Program Elective Courses		9				

Program Electives List				
No.	Specialty	Code	Name	CR
1	Urban Design	BARC 4326	Landscape Architecture	3
2		BARC 4327	Livable Cities	3
3		BARC 5329	Introduction to Planning	3
4	Advanced Architectural Design	BARC 4355	Parametric Design	3
5		BARC 4313	Participatory Design	3
6		BARC 5328	Reading Issues in Architecture	3
7	Building Technology	BARC 4347	Smart Buildings	3
8		BARC 4348	Daylighting: Poetics and Scientifics	3
9		BARC 5349	Leadership in Energy and Environmental Design	3



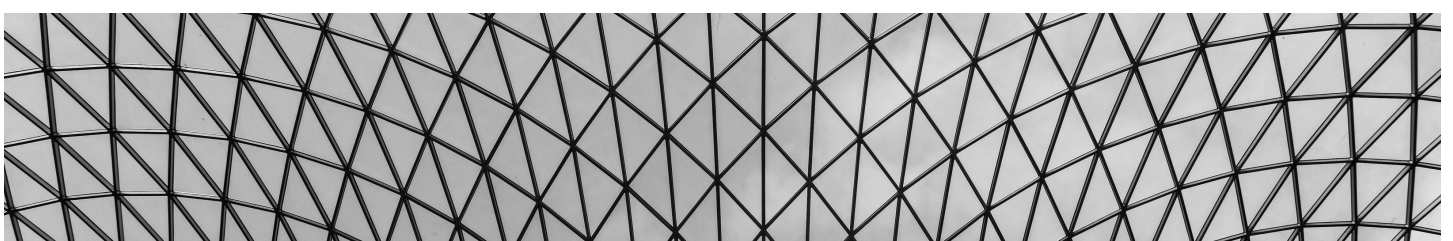
CAREER PROSPECTS

The field of architecture is a very large one, offering many potential professional opportunities. It intersects with other—mainly artistic and design-oriented—fields. It also covers different sub-domains that stem from it and develop as separate specializations in their own right. Hence, a graduate with a bachelor's of architecture degree has the knowledge and skills that will allow her:

- To join the **Saudi Council of Engineers** and work as an employee in public institutions and private companies or as an independent consultant and entrepreneur, in the capacity of a **professional architectural designer**, a **real-estate developer**, a **project manager** or an **auditor**. She can also work as an interior or graphic designer, an event organizer, a photographer, an artist, and a journalist specialized in the architectural field.



- To seek a **specialized professional Master's degree** and work in one of the sub-fields of: sustainable buildings science, urban planning, urban design, landscape architecture, construction management, real-estate development and management, conservation of heritage buildings, industrial design, scenography, digital fabrication, lighting design and acoustical design.
- To seek a **research-oriented Master's degree** in the fields of the theory and history of architecture and urban studies to become a researcher, and possibly later on continue doctoral studies and work as university professor.





COMMUNITY LIFE

The Architecture Department has a rich community life where students are involved in organizing collective activities and providing support to each other.

Student Representative Council

In each studio in the Architecture Department, a student volunteers to be the voice of her batch. The student representatives are responsible for effectively listening to, compiling, and communicating the concerns and views of all the students they represent, taking these views to meetings with faculty and the Chair of the Architecture Department to bring about positive change in the department.

The Big & Small Sister Mentorship

The goal of the program is to create a culture where all students help and support each other by connecting senior students (Big Sister) with freshman and sophomore students (Small Sister).

.dwg Architecture & Design Club

This club is a student-run design club that provides educational and enjoyable activities where students can exchange ideas and network. Meetings are held twice a month on Tuesdays. Students are involved in various activities, including talks and discussions with former students and experienced designers/architects, sketching trips, brainstorming sessions, and movie nights.

