BACHELOR OF
ARCHITECTURE

"You employ stone, wood and concrete, and with these materials you build houses and palaces. That is construction. Ingenuity is at work. But suddenly you touch my heart, you do me good, I am happy and I say: This is beautiful. That is Architecture. Art enters in."

Le Corbusier, 1923

A MESSAGE FROM THE CHAIR

One of the main roles of our architectural education is to produce innovative intellectuals that can creatively solve problems associated with the built environment. The many reasons behind the success of AUD's Architecture program relate to three main categories; education, practice, and certification.

The quality and content of the diverse courses offered by the school prepare highly qualified graduates for professional employment. The curriculum covers many topics that educate students in the fundamental knowledge and skills in architecture. These topics span from history, theory, design to building technologies, visualization, and professional practice. At the heart of the curriculum is the design studio. It is the place where all aspects of learning are put into practice and the sentence "learning by doing" is concretized.

In an effort to provide students the highest level of exposure to the profession and to bridge the gap between academia and practice, the department pursues many memoranda of understanding with high caliber organizations such as the American Institute of Architects (AIA) and renowned firms in the design and building industry. In addition, as part of the curriculum design core, internships, workshops, field trips, and competitions are strongly recommended to students.

Further to being a member of the Association of Collegiate Schools of Architecture, the department provides opportunities for students to become certified in digital software as AUD is a Centriport Authorized Certification Center.

Welcome to the Department of Architecture at the American University in Dubai.

Georges Kachaamy, Ph.D.
Chair of Architecture

WHY ARCHITECTURE AT AUD?

Architecture centers on the *artistic design and construction* of all genres of edifices intended for human use.

AUD's architecture students are expected to carry out their creations based on a *clear understanding of both the physics and characteristics of the building materials as well as the aesthetics of the structures.*

The Bachelor of Architecture degree at AUD is a five-year program consisting of *166 hours of required credit.*

It has been designed to meet the standards of the *National Architecture Accrediting Board (NAAB),* the sole agency authorized to accredit US professional degree programs in architecture.

The Bachelor of Architecture is taught by faculty whose combination of academic and experiential qualifications support the delivery of student learning outcomes *bridging educational enrichment with professional training.*

PROUD MOMENT

ACCREDITATION & ASSOCIATIONS

World Renowned Architect Sou Fujimoto at AUD

The Department of Architecture at AUD organized a conference welcoming star Japanese architect Sou Fujimoto on campus for a presentation of his works. Fujimoto presented some of his most famous projects, past and present, to the audience who reveled in his mastery of simplicity and art in his approach to architecture.

ACSA ASSOCIATION OF COLLEGIATE SCHOOLS OF ARCHITECTURE

The Department of Architecture at the American University in Dubai is a member of the Association of Collegiate Schools of Architecture (ACSA).

CERTIPORT A PEARSON VUE BUSINESS — AUTHORIZED TESTING CENTER

The School of Architecture, Art and Design at the American University in Dubai is a Certiport Authorized Testing Center. Certiport certification solutions are used to administer the Autodesk® Certified User certification exams.

NAAB National Architectural Accrediting Board

The American University in Dubai, Department of Architecture, School of Architecture Art and Design was granted continuation of candidacy by NAAB - the National Architectural Accrediting Board - USA for the following professional degree program in architecture:
B.Arch. (166 undergraduate credits)
- *Initial Candidacy granted: 2014*
- *Continuation of candidacy granted: 2016*
- *Next visit for Initial Accreditation: 2018"*

WHAT STUDENTS HAVE TO SAY

"Architecture at AUD was my first choice for its great reputation among other universities in the UAE. Also, the cultural diversity of the faculty members teaching at AUD made me realize I would be exposed to their diverse experiences and knowledge in Architecture from different cultures, which would eventually strengthen my critical thinking and skills in this major."

Sally Aljaderi
Bachelor of Architecture

"I am grateful to have made the choice to join the architecture program at AUD. Foremost, I have made lifetime friends thanks to the studio culture applied in the Department, which also helped boost my experience and my performance. In addition, learning under a mixed and diverse teaching body has equipped me with the necessary tools to continuously compete and excel in the professional world and the academic world. Thanks to the continuous efforts and guidance of my professors I was able to compete and win several competitions as well as landing multiple internship opportunities at leading firms and studios around the world most notably at Sou Fujimoto Architects."

Omar Abou Nader
Bachelor of Architecture

SO WHAT CAN YOU DO WHEN YOU GRADUATE?

- You can have your own private practice.
- You can work for world renowned architects.
- You can join prominent design corporations.
- You can pursue higher education and further specializations such as a Master's of Architecture, or a Ph.D.

ABOUT THE BACHELOR OF ARCHITECTURE

Program Mission

The Mission of the Bachelor of Architecture program is to prepare highly qualified graduates for employment in the building industry. Students will be educated in the fundamental skills and knowledge of architecture, while integrating history and theory, as well as technological, digital, artistic, socio-cultural, legal, and financial dimensions. The program will promote professional ethical values, cultural diversity, and contextual and environmental awareness.

Program Goals

- Prepare students who are able to think in a multidimensional and integrative manner that combines design skills with human and physical aspects of the architecture profession;
- Prepare students for making choices and decisions with regards to technologies available in the market;
- Instill a critical attitude in students' approach to the history and theory of architecture;
- Prepare students who understand the human, socio-cultural, and economic dimensions of architectural design;
- Prepare students who are aware of the contextual and environmental challenges;
- Prepare graduates who are ethically and technically prepared to embrace the profession of architecture;
- Prepare students who are able to communicate effectively.

Program Learning Outcomes

Upon completion of the B.Arch., students will be able to:

- Demonstrate a multidimensional, comprehensive and integrative approach to design;
- Produce design that integrates building technology, construction, systems, and materials in a creative and original manner;
- Produce design that demonstrates knowledge in history and theory of architecture;
- Produce design that acknowledges and integrates the human, sociocultural, and economic aspects at the local, regional, and global levels;
- Produce design that demonstrates awareness, concern, and understanding of the physical context, as well as environmental issues;
- Demonstrates an understanding of architectural practice in administrative, financial, and legal terms and observes ethical standards;
- Demonstrate the ability to produce and present architectural designs by communicating clearly and effectively in oral, written and graphical forms, as well as in advanced digital software and media.

SUMMARY OF DEGREE REQUIREMENTS

Year	Fall	Spring
Year I	ARCH 101 (Architectural Design Studio I)	ARCH 102 (Architectural Design Studio II)
	ARCH 151 (History and Theory of Architecture I)	COMP 101 (Introduction to Computers)
	ENGL 101 (Composition and Rhetoric)	ENGL 102 (Advanced Composition and Research)
	MATH 105 (Pre Calculus for Architecture)	MATH 205 (Calculus for Architecture)
	UNIV 100 (The University Experience)	SCIE ELE (Science Elective)
Year II	ARCH 201 (Architectural Design Studio III)	ARCH 202 (Architectural Design Studio IV)
	ARCH 211 (Materials and Methods of Construction)	HUMN ELE (Humanities Elective)
	ARCH 252 (History and Theory of Architecture II)	ARCH 253 (History and Theory of Architecture III)
	ENGL 103 (Introduction to Literature)	PHYS 201 (Introductory Physics I w/Lab)
	DDFT 268 (Computer Aided Design (CAD) I)	PSPK 101 (Public Speaking)
Year III	ARCH 301 (Architectural Design Studio V)	ARCH 302 (Architectural Design Studio VI)
	ARCH 311 (Structural Analysis)	ARCH 312 (Structural Design)
	ARCH 351 (Theory of Architecture)	ARCH 323 (Sustainability and Energy Conservation)
	ARCH 321 (Environmental and Building Service Systems)	SSCI ELE (Science Elective)
	WLDC 201 (World Cultures I)	WLDC 202 (World Cultures II)
Year IV	ARCH 401 (Architectural Design Studio VII)	ARCH 402 (Architectural Design Studio VIII)
	ARCH 412 (Construction Management and Building Economics)	ARCH 441 (Professional Practice and Ethics)
	MEST 329 (Islamic Art and Architecture)	GEN ELE (General Elective)
	ARCH 431 (Life Safety and Codes)	DDFT 475 (Building Information Modeling II)
	DDFT 474 (Building Information Modeling I)	PROF ELE (Professional Elective)
Year V	ARCH 501 (Architectural Design Studio IX)	ARCH 502 (Architectural Design Studio X)
	GEN ELE (General Elective)	PROF ELE (Professional Elective)
	ARCH 561 (Internship)	PROF ELE (Professional Elective)
	PROF ELE (Professional Elective)	

TOTAL DEGREE REQUIREMENTS IS 166 CREDIT-HOURS

STUDENT CLUBS

The American Institute of Architecture Students (AIAS) is an organization which empowers students through professional, academic and social activities.

AIAS provides a platform for interaction between students, AUD faculty, architectural & design professionals, as well as other architecture students in the region and across the world.

ADVISORY BOARD MEMBERS

The Advisory Board of the Department of Architecture at the American University in Dubai includes the following members:

- **Engr. Ahmed Saeed Al Badwawi**, Dubai Municipality

- **Mr. Abdulla Yousuf**, Dubai Tourism

- **Mr. Alan Slusarenko**, Halliburton

- **Mr. Benjamin Piper**, Killa Architectural Design

- **Mr. Bukhash Ahmed**, ARCHIDENTITY

- **Mr. Daniel Hajjar**, HOK

- **Mr. Daniel Render, AIA, LEED AP**, Expo 2020 Dubai

- **Mr. Dara Towhidi**, Foster & Partners

- **Mr. Evren Arin**, Autodesk

- **Mr. Farida Al Awadhi**, Cinmar/APID

- **Mr. Firas Hnoosh**, Perkins+Will

- **Mr. Floris Smith**, DSA Architects Int'l.

- **Mr. Geert Reitsma**, CEBRA

- **Mr. Herbert Bickelmann**,
- Autodesk

- **Mr. Khalid Mohammad Ahmad Yousuf**, Dubai Municipality

- **Mr. Kyle Krall, PE**, Thornton Tomasetti Engineers

- **Mr. Mahmoud Al Burai**, Dubai Real Estate Institute

- **Mr. Michael H. Weckesser**, WADG Concultants DMCC

- **Ms. Nazneen R. Shafi,**
  EngageME

- **Mr. Philip Jones**
  B+H Architects

- **Mr. Rabi Georges,**
  ADMAF

- **Mr. Rashid Taqi,**
  Rashid Taqi Architects

- **Mr. Salim El Ferkh,**
  Autodesk

- **Mr. Scott Coombes,**
  AESG

- **Mr. Sean Huang,**
  AIA, Perkins Eastman International

- **Mr. Shahram Foroughi,**
  Edifice Design &
  Project Management

- **Mr. Simon Fraser**,
  Hopkins Architects

- **Mr. Simon L H Crispe**,
  Atkins

- **Mr. Steven Charlton,**
  Perkins+Will

- **Mr. Stuart Clarke**,
  Arup

- **Ms. Sahar Firkree,**
  OCD Spaces

ADMISSIONS CHECKLIST

Please make sure that the following items are included with your application. Your admission will depend on the receipt of all required documents throughout the review of your application.

Official English translations of all supporting educational documents must be submitted. Translations must be literal (i.e., word-for-word).

- *Completed Application for Undergraduate Admission*

- *Official school records for grades 10 and 11 stamped by the school.*

- *Official school records for grade 12 should be attested by the appropriate authority of the U.A.E. Ministry of Education- Higher Education Affairs.*

- *Attestation for international students: grade 12 transcript and diploma must be attested by the Ministry of Education of home country, Ministry of Foreign Affairs of home country and U.A.E. Embassy in home country. Please note that true copies of your grade 12 documents must bear original attestations.*

- *High school diploma - original required for verification.*

- *Equivalency letter is also required from the Knowledge & Human Development Authority (KHDA)*

(following the referring educational zone) for students who graduated from the U.A.E. & the U.A.E. Ministry of Education for students who graduated from outside the U.A.E.

- *Paper-Based TOEFL® min. score of 550 + 4.0 on TWE (essay) or*

- *Internet-based TOEFL® min. score of 79 + 24 on the writing part, or*

- *Academic IELTS™ min. score of 6.5 + 6.5 on the writing part*

- *EMSAT min. score 1550 + C1 on the writing part*

- *SAT® Reasoning Test scores with min. 560 in Math (Engineering and Architecture applicants are also required to take a Math placement test at AUD).*

- *Architecture applicants are required to submit a portfolio online via http://applyonline.aud.edu/arch/*

- *Three artworks of the student's production, which may include paintings, drawings, photographs, models, calligraphy, or animation (relevance to architecture is encouraged), along with a short paragraph commenting on each piece*

- *Photos of 3 buildings worldwide along with a short paragraph*

- *(100 words) justifying the choice*
- *of each   of the three buildings.*

- *Two recent passport size photographs*

- *Passport photocopy with validity page*

- *Photocopy of UAE Residency Visa*

- *Photocopy of Emirates ID (both sides)*

- *Army exemption letter for
  all UAE nationals*

- *Non-refundable application
  fee of AED 420. A reservation
  deposit (non-refundable) of
  AED 5,000 which is fully
  applied toward tuition, is
  required upon acceptance
  for admission.*

- *Completed Health History
  Form. This form must be signed
  and stamped by a Physician.*

FACILITIES

*The School of Architecture, Art, and Design recognizes
that computers have become an integral part of
education, communication, and social networking.*

The Department of Architecture maintains several well-equipped and advanced computer labs and lounges. Hardware is updated or upgraded on annual basis and is powerful enough to handle intense computational processes from 2D graphics, 3D modeling and rendering to 4D animations and walkthroughs. Software versions are also kept up to date annually.

Wi-Fi access to the Internet is available throughout campus.

Scanner, projectors, printers, large format plotters, laser cutting machines and 3D printer are all available in-house.

A dedicated and knowledgeable IT Services team helps keep all computing resources running smoothly and also helps with troubleshooting personal laptops.

A dedicated model and furniture-making workshop is also available on campus. A design center serves to engage faculty and students in research and outreach to the Architecture community at large.

AUD | AMERICAN UNIVERSITY IN DUBAI

School of Architecture, Art and Design

The School of Arts and Sciences exemplifies the tradition that a college education liberates the mind. The School values the pursuit of knowledge for its own sake and believes that all college graduates are capable of studying a broad spectrum of subjects and of following a rational process to draw conclusions and inferences.

ADMISSIONS AT AUD

The mission of the Office of Admissions is to admit to AUD's degree programs students who possess appropriate credentials and the demonstrated capacity and potential to successfully complete the educational programs provided by the university and meaningfully participate in the total educational experience offered by AUD.

The Admissions Office consists of a professional team that assists prospective students gain accessibility to opportunities in higher education. The Admissions team is held to a high level of integrity and is charged with providing quality service and accurate information to all students.

AUD ADMISSIONS OFFICE
P. O. Box 28282, Dubai, UAE
T. +971 4 399 9000
admissions@aud.edu
www.aud.edu

For specific admissions requirements, please check the AUD Undergraduate Catalog on our website or contact the Admissions Office.

ACCREDITED

IN THE UAE & THE USA

AUD is officially licensed by the U.A.E. Ministry of Education – Higher Education Affairs (MOE-HEA) The Ministry has accredited the university's undergraduate and graduate programs, in addition to Certificate programs in Middle Eastern Studies and Professional Teaching. The university is also accredited in the USA by the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC) to award Bachelor's and Master's degrees.