Build your future through American-accredited graduate studies focusing on developing a new generation of scholars and leaders to advance the construction industry.
You cannot think of Dubai without appreciating the monumental construction projects which have transformed the Emirate under the vision and direction of H.H. Sheikh Mohammed Bin Rashid Al Maktoum. From the rapid development of the world’s first automated driverless train system in the Dubai Metro to the Burj Khalifa smashing all tall-building and structure records, Dubai has become synonymous with construction achievement.

Building on this culture of excellence, we are proud to offer the Masters of Science in Construction Management at the American University in Dubai. This program is designed for either full-time or part-time study and goes beyond typical business-oriented project management curricula. With a focus specifically on construction engineering and management, students complete studies in fundamental courses, such as estimating and scheduling, to develop knowledge and abilities for success in today’s international marketplace. Foundational technical courses are complemented by broader-context subjects in financial management and law. A wide variety of electives are further available to permit students to tailor the program to their area of interest, such as oil and gas, infrastructure or commercial/industrial development. For practicing professionals, we have designed all courses to complement work-place activities and synergistically provide real-time career benefits. Research-oriented degree programs are also available with a thesis track expanding options for students interested in pursuing doctoral studies.

With all course offerings structured in the evenings, it has never been easier to pursue graduate construction engineering studies in Dubai. I invite you to take a look at the program offerings and contact us to discuss how you can join our group of construction scholars and build your career with AUD.

Edgar P. Small, Ph.D.
Coordinator of Construction Management,
Associate Professor of Civil Engineering
The Master of Science in Construction Management (M.S.C.M.) at AUD provides engineers, architects, quantity surveyors, and construction professionals with an opportunity to pursue state-of-the-art knowledge in construction engineering and management. Through a well-balanced combination of theory and practice, professionals pursuing the M.S.C.M. degree are able to complement their research-based graduate studies with firsthand practical experience in one of the most dynamic construction environments.

Supported by the AUD School of Engineering world-class facilities and resources, the M.S.C.M. program fills in a regional gap in graduate-level construction management education and research.

The uniqueness of AUD’s M.S.C.M. program lies in its well-defined and comprehensive approach in addressing construction management issues, in contrast to a broader and more general coverage of project management or engineering systems management.

Pictures compliments of Google
CONSTRUCTION MANAGEMENT at AUD

The program consists of a set of core courses covering discipline-specific topics such as construction scheduling, estimating, equipment and methods, and addressing broader-context subjects including decision science, finance and accounting, and construction laws.

A broad range of electives are offered in the areas of construction safety, computer modeling, sustainable engineering, and management of megaprojects among others.

Two options, namely a capstone project or a research-based thesis, are available for students to choose from, depending on interests and future career goals.

WHO SHOULD APPLY?

As with other AUD degree programs, student diversity is a key element of the M.S.C.M. program.

Prospective students include both UAE nationals and expatriates; engineers, architects, quantity surveyors, and construction professionals from other educational backgrounds; individuals who live permanently in the UAE; those who are here for an extended period, and those who come specifically to pursue graduate studies; professionals who wish to study on a part-time basis to enhance their portfolio, and full-time graduate students who wish to pursue doctoral studies later on.
**Accreditation and Standards**

The M.S.C.M. program at AUD has been accredited by the UAE Ministry of Higher Education and Scientific Research.

In order to ensure alignment of the program with international standards, the curriculum has been benchmarked against top curricula in the US, Canada, and Europe, and is consistent with the construction management standards of practice and body of knowledge, per the recommendations of the

• Construction Management Association of America (CMAA),
• the American Council for Construction Education (ACEE),
• the Associated School of Construction (ASC), and
• the Chartered Institute of Building (CIOB).

**So Why AUD?**

• The program at AUD is designed for working professionals with experience in the construction industry and those interested in entering the field

• Small class sizes and the ability to choose from a collection of focused electives make this program highly responsive to your individual needs.

• Personal attention and a commitment to preparing you for leadership in the field are important priorities at AUD.
About the M.S.C.M.

Program Mission
The mission of the Master of Science Program in Construction Management is to prepare a culturally diverse student population for successful careers by equipping them with the technical tools needed to plan, manage, and execute construction programs and projects in a safe, sustainable, and ethical manner. The Program provides a unique integration of global and regional perspectives within the curriculum, and emphasizes the role of technology, technical communication, and research in the construction management profession.

Program Goals
The M.S.C.M. prepares graduates who will:
1. advance in their professional careers in the field of construction management, by building upon the knowledge acquired during their graduate studies
2. engage in and lead a broad range of construction projects in diverse multi-cultural and multi-national environments
3. supplement their engineering knowledge with competencies in verbal and written communication, negotiation, project planning and management, and financial management
4. demonstrate social and ethical responsibility by observing the principles of sustainability, safety, and cost control in construction
5. stay technically current by continuing to seek learning opportunities such as professional development, training, and research
**PROGRAM LEARNING OUTCOMES**

Upon completion of the M.S.C.M. Program, students will have demonstrated:

1. proficiency in the core areas of construction planning, scheduling, estimating, cost control, and productivity
2. an understanding of advanced construction methods and modern equipment used in medium to large-scale projects
3. thorough familiarity with the benefits and risks associated with different construction project delivery methods and contract types
4. an ability to apply probability, statistics and decision analysis in project planning, process evaluation and monitoring of constructed facilities
5. competency in technical report writing, verbal communication, construction project documentation, and computer applications
6. in-depth understanding of the regional and international laws and regulations governing construction organizations and operations
7. a strong awareness of the professional and ethical obligations governing the construction management profession at the regional and global levels
8. knowledge of current issues in construction and appreciation for research and continued professional development in the field
SUMMARY OF DEGREE REQUIREMENTS

The M.S.C.M. is a 36-credit-hour professionally-oriented program.

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<tr>
<th>Classification</th>
<th>Credit Hours</th>
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<tr>
<td></td>
<td>Thesis Option</td>
<td>Non-Thesis</td>
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<td>Core</td>
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<td>Mathematics</td>
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<td>Financial Management</td>
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For further information on the M.S.C.M. degree, please refer to the website http://engr.aud.edu/civil/missionMSCM.asp
The Advisory Board of the Civil Engineering Department consists of prominent engineering professionals, with the main role of advising the Department’s administration on matters relevant to its programs, and assisting the Department in formulating and implementing its strategic priorities. The Board members also play an important role in setting our program standards and providing feedback on our alumni position in the market.

Current Board Members
- Mr. Ahmed Ibrahim, Parsons
- Mr. Amer Khan, Precipio
- Mr. Bishoy Azmy, ASCG
- Mr. Hassan Dajani, Arabtec
- Ms. Hawa Bastaki, Dubai Central Laboratories
- Mr. Karim Khalaf, Fugro ME
- Dr. Khaldoun Fahoum, Langan Associates
- Dr. Mamdouh Nasr, Implenia
- Mr. Salah Al-Dilimi, Roads and Transport Authority
- Dr. Shapour Mehrkar-Asl, Institute of Civil Engineers
ADMISSIONS REQUIREMENTS & CRITERIA

ACADEMIC REQUIREMENTS

• An Application for Admission to the Graduate Program, duly completed, signed and dated by the applicant.

• A 3.00 GPA (on a 4.00 scale) or better in undergraduate study. For students with undergraduate credits earned at more than one institution, a separate GPA is calculated.
  • Required averages vary by systems. Students should consult an AUD Admissions Representative for pertinent requirements.

• Undergraduate / Graduate Records: Official (sealed) transcripts from all universities, colleges, or other institutions of higher learning at which the applicant completed undergraduate and graduate studies.
  • Transcripts should be attested by the appropriate higher education authority in the country in which the degree was granted, and must be translated into English if they are issued in a language other than English.
  • Applicants with degrees granted outside the UAE, should obtain attestation from (1) the Ministry of Education of the country of study, (2) the Ministry of Foreign Affairs in that country, and (3) the UAE Embassy in that country or the Embassy of the country of study in the UAE and the UAE Ministry of Foreign Affairs.

• Undergraduate Diploma / Graduate Diploma – Photocopy of the diploma(s) with original required for verification.

• Reference Forms: Two referees, either educators or professionals, who are in a position to assess the academic performance and potential success of the applicant.

The following may be required:
• Profile of universities or colleges previously attended
• Grading system of universities or colleges previously attended

TEST REQUIREMENTS

• TOEFL® - (original required for verification). International TOEFL® score of 550 (CAT 213) + TWE of 4.0 or Internet-based TOEFL® score of 79-80 is required. AUD Int'l TOEFL® code is 0063.

• GRE® - The quantitative reasoning portion of the Graduate Record Examination (GRE®) is required. Results may be sent directly to the Admissions Office. AUD's GRE® code is 7493.
**Personal Data Requirements**
- CV/Resumé
- A statement of the applicant’s career objectives, special professional and academic interests, and other reasons why the candidate wishes to pursue the Graduate Program at AUD, as well as the applicant’s special skills, expertise and interests that might contribute towards enriching the Graduate experience at AUD.
- 2 passport-size photos and a colored passport photocopy with validity page.
- **AUD Health History Form.** This form must be signed and stamped by a Physician.
- Proof of private health insurance covering care in the UAE.

**Financial Requirements**
- Non-refundable Application Fee of AED 200
- Non-refundable Reservation Deposit of AED 2,000 to be paid upon acceptance to the graduate program.
- Accommodation is available by semester for those who wish student housing. **Housing Reservation Fee of AED 2,500 dorm availability will be confirmed by the Housing Manager once the fee is paid.**
- Visa services are available for those who wish. **Visa charges AED 3,000 to be paid upon acceptance to the graduate program, and one month prior to the scheduled date of entry.**

**M.S.C.M. Program Specific Admission Criteria**
- An undergraduate degree in Engineering, Architecture, or a closely-related discipline, from a recognized institution
- Candidates who have a minimum of three years of work experience will be given preference for admission. However, the nature, scope, length, breadth, variety and significance of the work experience will also be taken into account in the preference ranking of candidates.

M.S.C.M. Program applicants lacking the following courses or their equivalent in their undergraduate studies will be required to take a placement examination: ENGG 255 Engineering Design and Economics, ENGG 300 Probability and Statistics in Engineering, ECVL 360 Structural Analysis I, and ECVL 420 Construction Engineering and Management. Depending on the student performance in the placement examination, the student may be required to take undergraduate level prerequisites prior to enrolling in the subsequent graduate level courses.
Admissions at AUD

Pursuant to the Mission of AUD, the Admissions Department 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 admits to its degree programs only those 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.*

AUD Admissions Department
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F. +971 4 399 5585
E. admissions@aud.edu
www.aud.edu

For specific admissions requirements, please consult: the AUD Graduate Catalog or the website http://www.aud.edu/Admissions/grad.asp

Application Deadline
Fall semester: August 10
Spring semester: December 21

The American University in Dubai is accredited by the Commission on Colleges (COC) of the Southern Association of Colleges and Schools (SACS) to award Bachelor’s and Master’s degrees. The United Arab Emirates Ministry of Higher Education and Scientific Research (MOHESR) has licensed the university and accredited all of its programs.