




MASTER OF SCIENCE IN ARTIFICIAL INTELLIGENCE

A MESSAGE FROM THE PROGRAM DIRECTOR





In today's rapidly evolving technological landscape, Artificial Intelligence (AI) is at the forefront of innovation, reshaping industries and enhancing our daily lives. Our Master's program in AI at the American University in Dubai is designed to propel your career forward, equipping you with cutting-edge skills and knowledge essential for success in this dynamic field.

You will cultivate complex problem-solving abilities through exposure to the latest AI tools and technologies. Our distinguished international faculty covers diverse areas, including modern AI, computer vision, robotics, and the Internet of Things. With contemporary facilities and state-of-the-art laboratories on our campus, you'll have an ideal environment for learning, research, and collaboration.

Engage with a rigorous curriculum that includes machine learning, deep learning, and natural language processing, all taught by academic experts. Beyond the classroom, you'll work on real-world projects linked to strong industrial partners and collaborate with industry leaders. Our emphasis on practical experience ensures that you graduate not only with theoretical knowledge but also with valuable hands-on expertise.

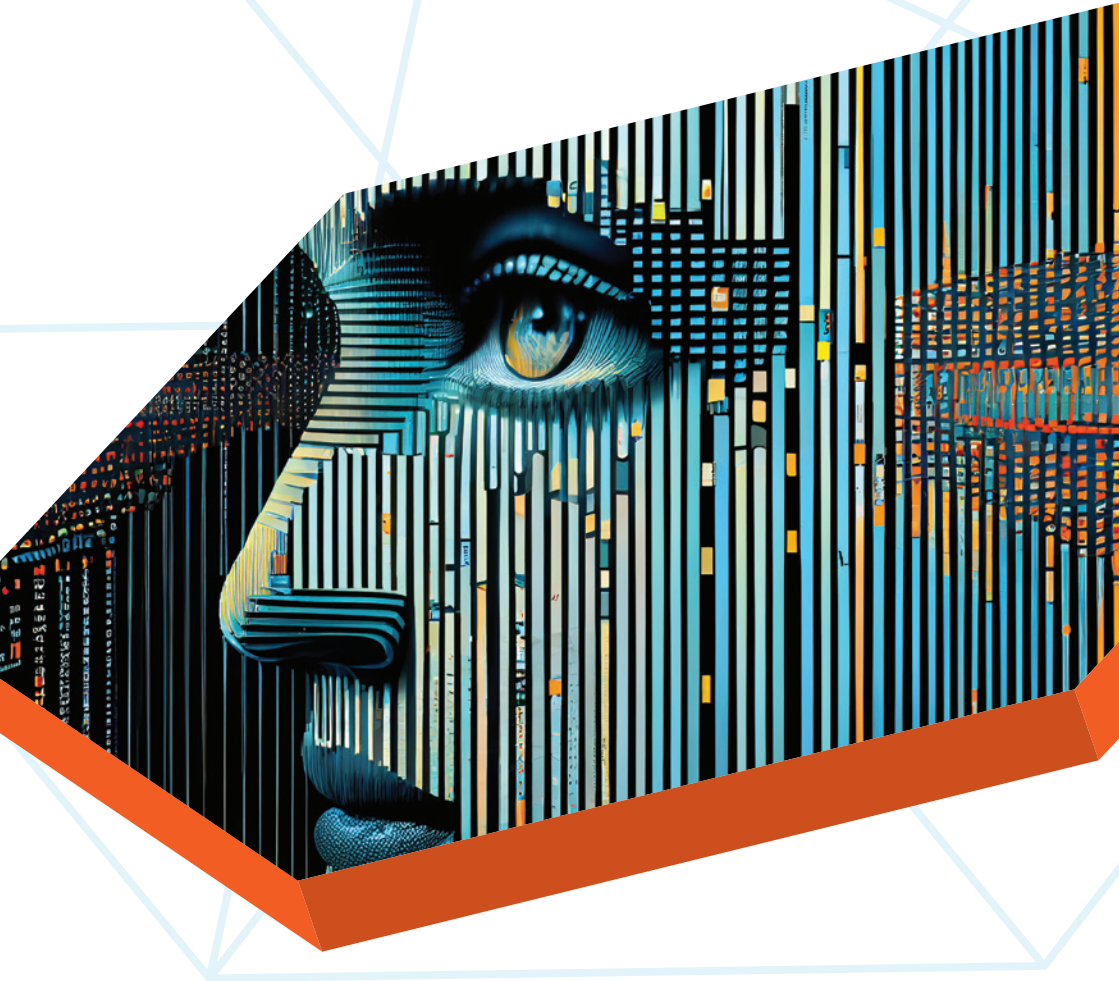
As part of our program, you'll join a vibrant network of fellow students and alumni, providing opportunities for collaboration, mentorship, and career development. Together, we will explore the ethical implications of AI, preparing you to be a responsible leader in this transformative field.

Whether your interests lie in healthcare, finance, energy, transportation, robotics, or the service sector, our Master's Program in Artificial Intelligence is the perfect launchpad for your career. I encourage you to take this vital step toward shaping the future. I encourage you to explore our program through our webpage or in person. I also invite you to get in touch with us to find out more about how the M.S.A.I. program at AUD can contribute to your career progression.

Dr. Nejib Ben Hadj-Alouane

Director of the M.S.A.I. Program & Professor of Computer Engineering

| DIFFERENCE



The AUD Difference

- The highest level of academic standards and accreditation
- Emphasis on innovative and critical thinking
- Solid links with government and industry partners
- World-class Western-educated faculty
- Close interaction with faculty



Artificial Intelligence at AUD

The Master of Science in Artificial Intelligence (M.S.A.I.) at AUD offers qualified individuals the chance to gain advanced knowledge in AI, lead innovative projects, and develop cutting-edge AI solutions. This program prepares you to drive technological advancements across various industries. Whether you seek to enhance your career prospects, transition into the AI field, or engage in advanced research, the M.S.A.I. program equips you with the essential skills and knowledge to excel in the rapidly evolving world of artificial intelligence.

The program consists of a set of core courses covering discipline-specific topics such as decision theory, artificial intelligence, and machine learning. A broad range of electives are offered in areas such as computer vision, natural language processing, deep learning, sensor networks, internet of things, and robotics.

A thesis-based course plan provides students with an opportunity to develop their professional skills and to pursue their studies towards a higher degree, depending on interests and future career goals.

| WHY

So Why AUD?

- Evening classes that suit working professionals' schedules
- Convenient and accessible American-style campus
- Engaging and interactive small classes
- Personal attention by dedicated faculty
- Focus on leadership development

Who Should Apply?

- Computer science graduates, engineering graduates, mathematics and statistics graduates, and IT and Software Development Professionals
- UAE nationals and expatriates
- Working professionals, part-time students, and full-time students
- Researchers and academics who wish to pursue doctoral studies later

Accreditation and Standards

The M.S.A.I program at AUD is accredited by the UAE Ministry of Education.

The program adheres to international standards and aligns with the body of knowledge in artificial intelligence, following recommendations from professional bodies such as the Institute of Electrical and Electronics Engineers (IEEE), the Association for Computing Machinery, and the Institution of Engineering and Technology (IET).



| ABOUT THE M.S.A.I.



Program Mission

The Mission of the Master of Science in Artificial Intelligence Program (M.S.A.I.) is to provide a culturally diverse student population with the fundamental knowledge, applications, and modern skills necessary for advanced careers in the artificial intelligence field. The Program is designed to ensure excellence, while emphasizing the role of ethical and social responsibility, technical communication, and scholarly contributions in the academic discipline.



Program Goals

The M.S.A.I. Program prepares graduates who will:

1. Advance in their professions while staying technically current in the artificial intelligence area or related disciplines.
2. Adhere to the standard principles of social and ethical responsibility and cultural diversity in their field of practice.
3. Supplement their knowledge and expertise with the necessary oral and written communication skills.

| PROGRAM





Program Learning Outcomes

Upon completion of the Master of Science in Artificial Intelligence (M.S.A.I.), students will:

1. Demonstrate innovative problem-solving skills in a broad range of industry and business contexts, utilizing advanced knowledge in machine learning, pattern recognition, knowledge representation, and data mining.
2. Develop, independently and within teams, intelligent hardware and software systems, using modern computational methods and tools.
3. Evaluate, communicate and critique new and emerging research and technologies in artificial intelligence, in both written and oral forms.
4. Analyze and formulate sound judgments on the deployment of artificial intelligence solutions and systems, taking into account the relevant social and ethical complexities.
5. Implement strategies for research, development, and further learning in relation to current issues and modern trends in artificial intelligence.



Course Sequencing

M.S.A.I. students are advised to adhere to the following course sequencing:

Full-time	Fall	Spring	Summer
Year I	ENGG 610 ENGG 640	EECE 650 EECE 651 ELECTIVE	EECE 620
Year II	EECE 698 ELECTIVE	EECE 699 ELECTIVE	

M.S.A.I. Course Legend

EECE Engineering – Electrical and Computer Engineering

ENGG Engineering – Mathematics

Where relevant, the Courses carry the following hours' legend:
(lecture – lab/studio/field work – credits)



M.S.A.I. Summary of Degree Requirements

The M.S.A.I. is a 30-credit-hour professionally-oriented program.

Classification	Credit Hours
Core	9
Mathematics and Computing	6
Electives	9
Thesis	6
Total	30

For further information on the M.S.A.I. degree,

please refer to the website <https://www.aud.edu/aud-school/school-of-engineering/>

| ADVISORY BOARD

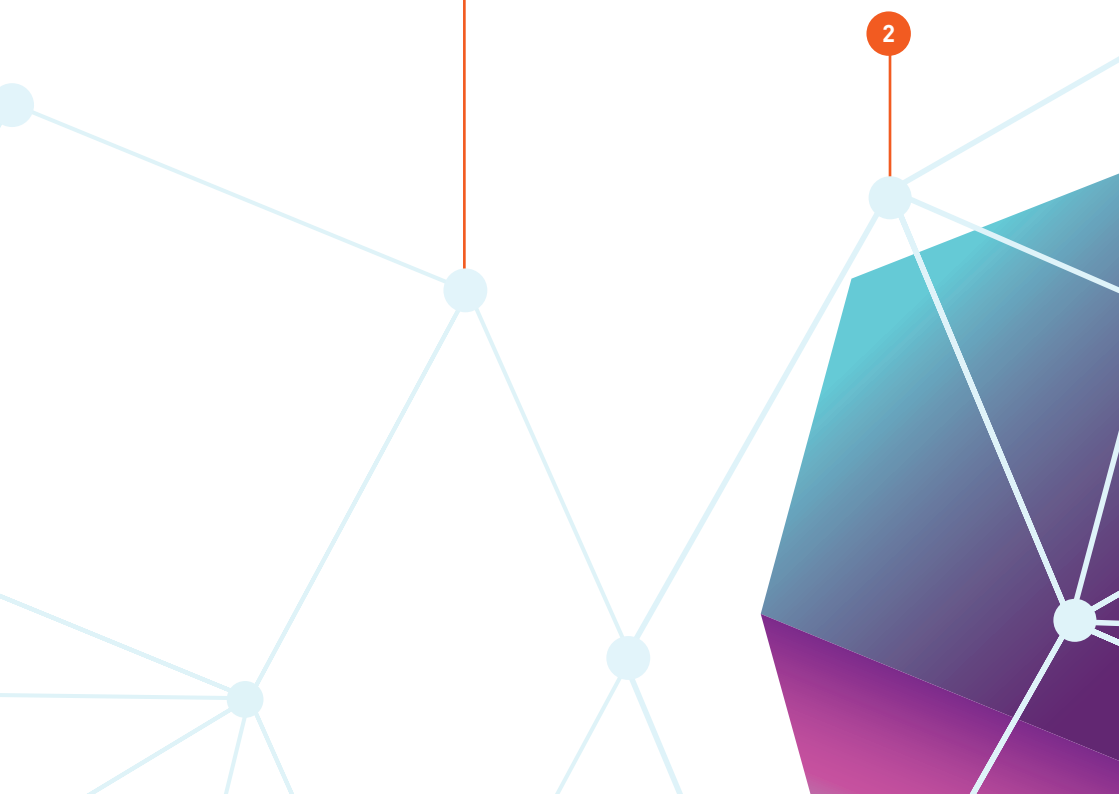
The Advisory Board of the Electrical and Computer Engineering Department comprises distinguished professionals who provide guidance to the faculty on matters pertinent to the department's programs, including the Master of Science in Artificial Intelligence (M.S.A.I.). They also play a crucial role in helping the Department execute its strategic priorities. Board members, both current and past, feature senior executives such as:


Dr. Sami Ammari,
Team Lead, Application
Engineering, GE Vernova

1

Dr. Nejib Ben Khedher,
Vice President,
Emirates Group

2





Dr. Pramod Udupa,
Senior Research
Manager, Intel Labs

3

Mr. Prashant Raizada,
CEO, Lumi Networks,
Artificial Intelligence
and Sustainability

4

Mr. Vahid Rezagholi-Zadeh,
Process Automation Manager,
Siemens LLC

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ADMISSIONS CHECKLIST

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

Academic Requirements

An earned undergraduate degree from an institution accredited by the Ministry of Education in the U.A.E. or by the relevant national or regional institutional accrediting body in the case of international applicants.

Documents Requirements

- A completed online Application for Admission.
- A 3.00 GPA (on a 4.00 scale) or better in undergraduate study.
- Official and attested transcripts (in English) of academic record from all universities attended.
- Undergraduate / Graduate Diplomas.
- Equivalency letter from the UAE Ministry of Education.
- Confirmation of University Records.
- A statement of the applicant's career objectives.
- Official test scores: TOEFL®/ IELTS™ & (GMAT® for MBA) & (GRE® for M.S.A.I. and M.S.C.M.) where relevant.
- Two Professional or Educational References (including contact information).
- Army exemption letter for all UAE nationals.

Program-specific Admission Criteria

- Undergraduate degree: in Computer Engineering, Computer Science, or a closely-related discipline, from a recognized institution.
- Graduate Record Examination (GRE®): Minimum score of 148 is required in the quantitative section.
- A minimum of three years of work experience is recommended.

Financial Requirements

- Non-refundable application fee of AED 420.



ADMISSIONS AT AUD

The School of Engineering prepares a culturally diverse community of learners for successful professional careers grounded in strong engineering knowledge, a culture of innovation, and an awareness of the global societal, economic, and environmental contexts within which engineering decisions are made.

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 Office of Admissions 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.

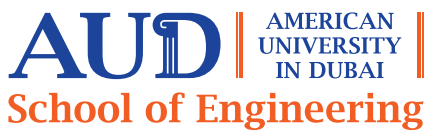


ACCREDITED IN THE UAE & THE USA

AUD is officially licensed by the UAE Ministry of Higher Education and Scientific Research. The Ministry has accredited the university's undergraduate and graduate programs, in addition to a Certificate program in Middle Eastern Studies.

AUD is accredited by the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC) to award Baccalaureate and Master's degree levels. Questions about the accreditation of AUD may be directed in writing to the Southern Association of Colleges and Schools Commission on Colleges at 1866 Southern Lane, Decatur, GA 30033-4097 USA, by calling +1 (404) 679-4500, or by using information available on SACSCOC's website (www.sacscoc.org).





AUD Office of Admissions

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www.aud.edu

For specific admissions requirements,

Please check the AUD Graduate Catalog
at our website or contact the Office of
Admissions.

