

uniathena



# Master in Artificial Intelligence and Machine Learning



**Unimarconi**  
LA PRIMA UNIVERSITÀ  
DIGITALE ITALIANA



CAMBRIDGE  
INTERNATIONAL  
QUALIFICATIONS



Chartered  
Management  
Institute

**Awarding Body  
accredited by the  
Ministry of  
Education, Italy**



**Globally  
recognized  
triple certification  
program**



**Flexible, fully online  
delivery – learn at  
your pace**



**Affordable  
Pay Structure**



**Personal tutor  
support for every  
learner**



**Industry interface  
through live  
webinars**



# Expand Your Impact in a World Built on Algorithms

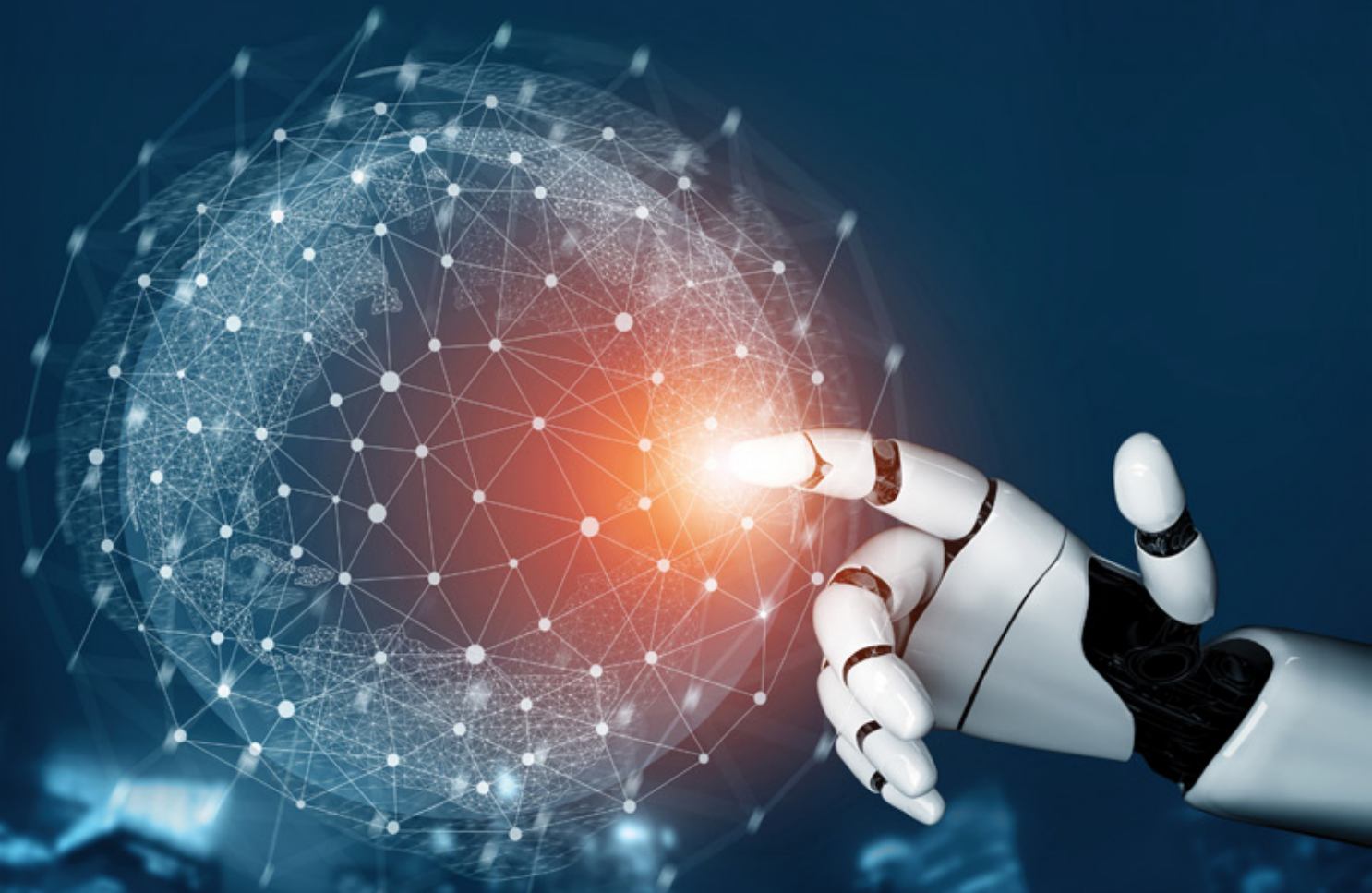
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*Pursue an Italian Master in Artificial Intelligence and Machine Learning from the Comfort of Your Home*

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Advance your career with UniAthena's **Master in Artificial Intelligence and Machine Learning**—a flexible, fully online program designed to equip professionals with advanced technical, analytical, and strategic skills required to succeed in today's AI-driven business environment.

Delivered by **Guglielmo Marconi University (Italy)** and complemented by certifications from **Cambridge International Qualifications (UK)** and the **Chartered Management Institute (UK)**, this **triple-certified master program** prepares learners to design, deploy, and manage AI and machine learning solutions that create real business value, lead data-driven innovation, and stay competitive across industries in a rapidly evolving global economy.



# Message From Academic Director



Westford Education Group, through UniAthena, is committed to offering learners the highest quality international programs from Europe, the US, and other leading countries. We carefully select our partner universities to ensure every program is high-quality, practical, and aligned with industry needs. Our dedicated teaching and support staff focus on one goal: your success—both in the digital classroom and in your career. With UniAthena, you always have committed support throughout your educational journey.

Our distinguished international faculty combine academic excellence with real-world corporate experience, ensuring you graduate ready to lead and innovate. We warmly welcome you to UniAthena, the new era of affordable, flexible, and accessible learning.

**Col (Rtd).  
Anil Ahluwalia**

Academic Director  
UniAthena



## Who We Are

UniAthena is an online higher education provider offering flexible and affordable learning solutions. Our vision is to make quality higher education available to all, empowering people from all walks of life through flexible and cost-effective learning opportunities.

As the latest venture of the Westford Education Group, UniAthena is on a high-growth trajectory in the dynamic ed-tech space, building on over a decade of expertise in higher education. With our reach extending to over 143 countries, we provide globally recognized Master, Doctoral programs, Postgraduate Certificates, and Free Short Courses, all developed in collaboration with renowned European universities and qualification bodies.

UniAthena's mission is to help learners from diverse backgrounds achieve internationally accredited qualifications and professional growth through accessible, fully online programs. We have a legal presence in the UAE, UK, and India. The entity operates in the UAE as Athena Global Education FZE.

# About Westford Education Group



Westford Education Group was established in 2009, with an objective to fulfill the aspirations of learners with diverse backgrounds from across the globe to attain internationally-accredited qualifications in the form of on-site and online learning interventions.

Working toward a world where everyone has access to higher education, WEG now stands out, winning the confidence of its learners and the community, a result of its steadfast commitment to learners' welfare and their success stories.

At Westford, we have come up with an integrated strategy and operational model for global education. The group's overall mission is "enabling the learner of today to become a successful individual of tomorrow."





# Why Choose UniAthena?

## Flexible Learning

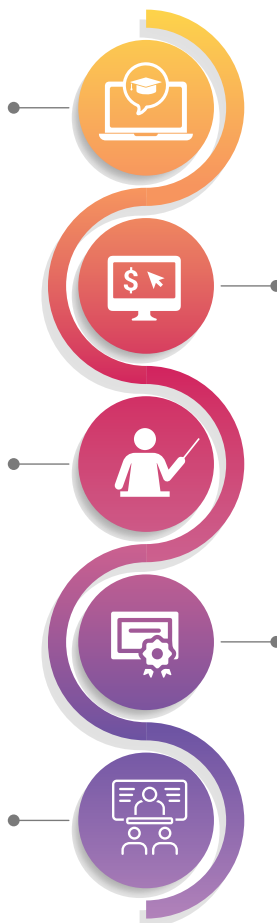
Choose between fixed or flexible schedules and bite-sized online modules—perfect for busy professionals. This allows you to balance your education with personal and work commitments seamlessly.

## Personal Tutor Support

Dedicated personal tutors support your academic journey every step of the way. They provide tailored guidance, address your questions promptly, and help keep you motivated throughout the program.

## World-Class Faculty

Be guided by expert instructors and mentors with strong academic credentials and real-world industry experience across artificial intelligence, machine learning, data science, analytics, and digital innovation. Their industry-aligned expertise ensures you gain practical, application-ready knowledge in data modelling, algorithm design, intelligent systems, applied research, and AI-driven decision making, enabling you to confidently translate advanced AI concepts into impactful solutions across diverse business and technology domains.



## Affordable Payment Plan

Pay-per-module and easy installment options (no hefty upfront fees—spread your investment comfortably). This financial flexibility makes advancing your career accessible without straining your budget.

## Globally Recognized Accreditation

Learn with a truly international ecosystem, partnering with prestigious universities and awarding bodies. Your qualifications will be respected globally, opening doors to advanced career opportunities worldwide.

# Program Overview



Engineered for the age of intelligent decision-making, the specialised program empowers professionals to move from curiosity to capability in high-impact AI roles. As new-age enterprises embed intelligence into products, processes, and strategy, this program equips learners to build, interpret, and deploy AI systems that deliver real business value. Blending advanced technical skills with applied analytics and strategic context, the program prepares learners to work confidently across the AI lifecycle. Graduates emerge ready to contribute to data science, machine learning, and AI-led innovation teams across technology, finance, healthcare, marketing, and operations, staying relevant, future-ready, and in demand in an AI-driven economy.



## Highlights of this course are:

- 01 This **90 ECTS** Master program is offered in partnership with Guglielmo Marconi University, Italy.
- 02 **Guglielmo Marconi University** is accredited by the Ministry of Education, Italy, a member of the Bologna Process in the European Higher Education Area (EHEA), and is **NARIC-approved**.
- 03 Triple certification: **Master in Artificial Intelligence and Machine Learning** from GMU, Italy, an **Advanced Diploma in Artificial Intelligence and Machine Learning** from CIQ, UK, and an optional **Certified Manager** from CMI, UK.
- 04 The curriculum is structured around dynamic modules, including core subjects, electives, and project-based research components.
- 05 With flexible study options, modular payments, and research-driven learning, this master program prepares graduates for high-impact roles in AI engineering, data science, analytics leadership, product innovation, and applied research across sectors such as technology, finance, healthcare, operations, and consulting.
- 06 Option to attend the annual convocation conducted by the University in Italy.

# Why This Course?

## End-to-End AI Mastery:

From data preparation and modelling to deep learning and deployment thinking, learners gain a complete understanding of the AI lifecycle.



## Business-Integrated Intelligence:

AI is taught not just as a technical tool, but as a strategic capability, aligning machine learning with leadership, governance, and ethical decision-making.

## Hands-On, Research-Led Learning:

With structured lab sessions, a mid-term project, and a final capstone, learners apply theory to real-world datasets and industry scenarios.



# Certifications included in this course

**Master in Artificial Intelligence and Machine Learning** Issued by Guglielmo Marconi University, Italy.



**Advanced Diploma in Artificial Intelligence and Machine Learning** Issued by Cambridge International Qualifications, UK.



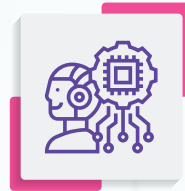
**Certified Manager** Issued by the Chartered Management Institute, UK (Optional).



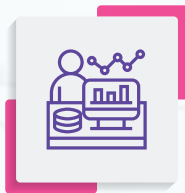
# Potential Career Roles



**AI Engineer**



**Machine Learning Engineer**



**Data Scientist**



**Applied AI Specialist**



**AI Product Manager**



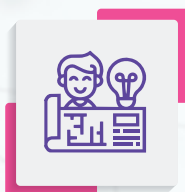
**Business Intelligence Manager**



**Analytics Manager**



**Data Analytics Consultant**



**AI Solutions Architect**



**Intelligent Automation Manager**



**Research Analyst (AI & Machine Learning)**



**AI or Technology Startup Founder**

# How you **Learn**

We provide a rich learning environment that fosters collaboration, innovation, and personal growth. Engage with a scientifically developed learning pedagogy that ensures a quality and effective journey for the learners. Enjoy a seamless learning experience tailored to your level of expertise on the subject matter.



## Video Classes

The well-developed online video lessons designed by our faculty will lay the foundation for your learning.



## Personal Tutor

One-to-one personal tutor meetings will clarify your doubts and also guide your assignments.



## Online Library

You get unlimited access to the online library, which consists of a large collection of books, journals, articles, white papers, videos, case studies, and other publications.



## Collaborative Learning

Discussion Forums, webinars, and business scenario presentations will extend your learning beyond the curriculum and open a new world before you.

We offer webinars with industry leaders and career development workshops to help you build your professional network and advance your career.

# Program Structure

## Modules Overview

No	Module Type	Module Name	ECTS Equivalent
<b>Part A</b>			
1	Core	Artificial Intelligence in Business	10 ECTS
2	Elective	Python	10 ECTS
		Artificial Intelligence	
3	Elective	Structured Query Language	10 ECTS
		Mathematics & Statistics	
4	Core	Mid Term Project	10 ECTS
5	Core	Exploratory Data Analysis & Visualization	10 ECTS
6	Core	Machine Learning Applications	10 ECTS
7	Core	Deep Learning	10 ECTS
<b>Part B</b>			
1	Core	Research Methods	8 ECTS
2	Core	Capstone Project	12 ECTS
<b>Total Credits</b>			<b>90 ECTS</b>

# Module Description



## Artificial Intelligence in Business

Level: EQF Level 7

Credits: 10 ECTS

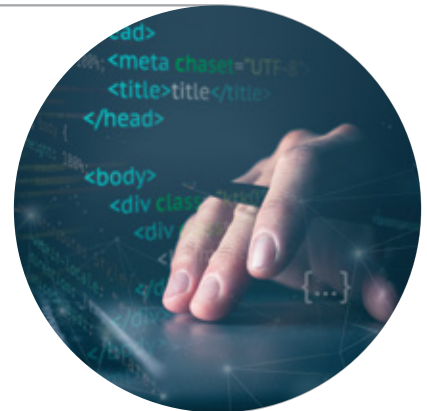
The module examines the fundamental principles, design strategies, and ethical implications of artificial intelligence (AI) in modern business, equipping students to understand AI's influence on business, society, and the future.

## Python (Elective 1)

Level: EQF Level 7

Credits: 10 ECTS

Learners will acquire skills in writing, debugging, and optimizing Python code, efficient data handling, and developing applications for data analysis, web development, automation, and machine learning.



## Artificial Intelligence (Elective 2)

Level: EQF Level 7

Credits: 10 ECTS

Learners will explore the foundational underpinnings of the technology, including its history, evolution to present forms, and key methodologies. The module will also address the key problem-solving strategies and data representation in AI, along with the evolution of such strategies in real-life applications.

## Structured Query Language (Elective 1)

Level: EQF Level 7

Credits: 10 ECTS

This module equips learners with the expertise to navigate SQL environments with confidence, understand core database concepts, and master essential SQL commands. Students will learn to leverage aggregate functions, various join types, and develop stored procedures to enhance database performance, ultimately gaining proficiency in database optimization.





## Mathematics & Statistics (Elective 2)

Level: EQF Level 7

Credits: 10 ECTS

The module covers essential mathematical concepts and techniques critical for understanding and applying machine learning algorithms. Starting with basic mathematics and calculus, it delves into the foundational principles that underpin machine learning models.

## Mid term Project

Level: EQF Level 7

Credits: 10 ECTS

This module develops learners' analytical, problem-solving, and decision-making skills through an individual mid-term project that applies business theories to real-world challenges across key functional areas.



## Exploratory Data Analysis & Visualization

Level: EQF Level 7

Credits: 10 ECTS

This comprehensive module delves into the foundational aspects of data analysis and visualization using Python, leveraging powerful libraries such as NumPy, Pandas, Matplotlib, and Seaborn.

## Machine Learning Applications

Level: EQF Level 7

Credits: 10 ECTS

In this module, fundamental concepts of machine learning are explored from the basics to advanced techniques. Learners gain a comprehensive understanding of supervised and unsupervised learning paradigms through a structured curriculum.





## Deep Learning

Level: EQF Level 7

Credits: 10 ECTS

This module provides a comprehensive introduction to deep learning, starting with its core concepts and distinguishing it from traditional machine learning. Learners will explore the foundations of neural networks, including the structure of neurons, activation functions, backpropagation, and techniques to improve network performance through optimization and regularisation.

## Research Methods

Level: EQF Level 7

Credits: 8 ECTS

This module emphasizes research ethics, empowering learners to address ethical considerations and enable independent research using quantitative and qualitative techniques.



## Capstone Project

Level: EQF Level 7

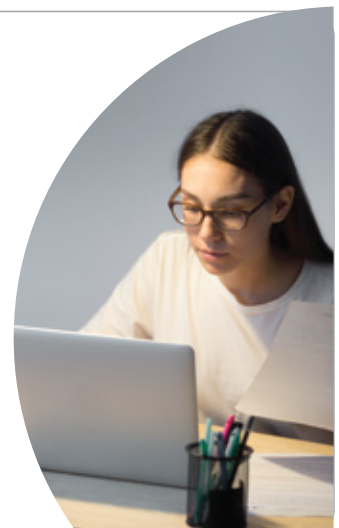
Credits: 12 ECTS

The Capstone Project will equip learners to create a usable project through which they can integrate, synthesise, and demonstrate all their knowledge in a multi-faceted way to potential employers.

## Assessment

Each module is evaluated through a blend of formative and summative assessments. These assessments, along with reflective exercises, are designed to align with the intended learning outcomes of each module, encouraging continuous personal, professional, and academic development.

The final research element, including the Capstone Project, will be conducted under the guidance of a supervisor appointed by UniAthena. Learners are required to submit a comprehensive Capstone Project report of approximately 12,000 words, demonstrating their ability to apply theoretical knowledge to practical and research-based contexts.



# Admissions & Eligibility



## Entry Routes



### Academic Route

A bachelor's degree from an accredited university (or academic equivalent) in any subject.



### English Language Proficiency

If you are not a native speaker, you should have an appropriate English proficiency level, e.g., an IELTS score of 5.5 or equivalent in all bands, or possess a bachelor's degree delivered and assessed in English, or proof of work experience in an English-speaking environment.



### Mature Entry Route

If you don't have a Bachelor's degree, you can apply through our mature entry route. You'll need to provide evidence of 5 years (Minimum) of relevant managerial work experience, along with certificates of your highest diplomas/degrees/professional certifications and an updated resume. Applications are assessed on a case-by-case basis. Please send these details to [admissions@uniathena.com](mailto:admissions@uniathena.com). Applicants should be 23 years of age or above. Admission through Mature Entry Route will be subject to the discretion of the UniAthena and the respective Awarding Bodies/Universities. Applicants admitted to the program via the Mature Entry Route are required to obtain their Postgraduate Diploma Certificates as a mandatory step.

# Fee & Payment Plans

## Fixed Plan

### Registration Fees

**\$500** (To Start with the Course)

### Course Fee

**\$3500** (To Be Paid On A Monthly Basis,  
\$350 Per Month, Total 10 Installments)

### Advanced Diploma Certification Fee

**\$300** (On Completion Of Course Modules)

### Course Certification Fee

**\$1000** (To Be Paid Upon Successful  
Completion Of The Program)

### Total Fee

**\$5300**

### CMI Certificate Fee

**\$300** (Optional)

## Flexible Plan

### Module Fee

**\$4000** (500 for the first 8 Modules)

### Capstone Project Fee

**\$1000** (To Be Paid In 2 Installments  
Of \$500 Each)

### Advanced Diploma Certification Fee

**\$300** (On Completion Of Course Modules)

### Course Certification Fee

**\$1000** (To Be Paid Upon Successful Completion  
Of The Program)

### Total Fee

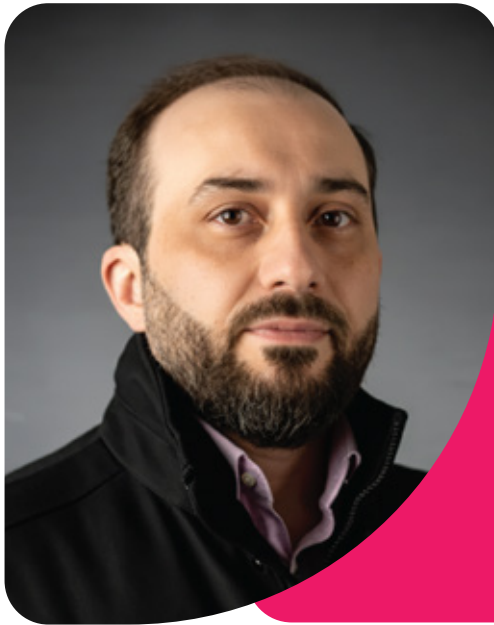
**\$6300**

### CMI Certificate Fee

**\$300** (Optional)



# Testimonial



"The platform is well-designed, highly versatile, and ideal for professionals seeking to advance their skills while working".

**Waseem Yafi**

Marketing & Communications Manager



**Master in Data Sciences  
Batch 2024 | Saudi Arabia**



My journey of pursuing a Master's in Data Science with UniAthena was smooth and deeply rewarding. The platform is well-designed, highly versatile, and ideal for professionals seeking to advance their skills while working. I especially appreciated the content and the prompt support from the UniAthena team. I would like to extend my heartfelt thanks to my tutor, Shanthi Iyer, whose guidance and valuable input kept me on track and motivated throughout the program. Reaching this milestone makes me proud, and I'm thankful for the valuable lessons.

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International Advantage

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# Study **Remote,** **Graduate** in Italy

Attend the prestigious GMU convocation in Rome as a UniAthena graduate. Join a diverse, global network and benefit from international recognition of your credentials.

# Guglielmo Marconi University, Italy



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Guglielmo Marconi University (GMU) is based in Rome, Italy, and is recognized by the Ministerial Decree of March 1, 2004. GMU's main campuses are based in Rome and are located around the Prati and Vatican neighbourhoods. Currently, GMU has more than 16,000 learners enrolled in graduate and postgraduate programs, 300 faculty members, and a team of 200 expert advisors.

The central administrative offices, studios, academic departments, and the majority of the university facilities are situated on the main campus. GMU distinguishes itself through its operational blended format, which combines online and traditional academic programs.

This format provides learners with a valuable experience both online and offline, by preserving face-to-face interactions with professors, seminars, and lessons within the athenaeum and granting access to the intranet and institutional resources.

Since 1999, Italian universities have abided by the 'Bologna Process', launched with the Bologna Declaration of 1999 and defined by the European Higher Education Area (EHEA). In relation to this reform, the university is a system organized into 3 cycles: bachelor's degrees, Master degrees, and doctorates in different schools.



# Cambridge International Qualifications, UK



Cambridge International Qualifications (CIQ), UK, is a professional awarding body based in the United Kingdom. CIQ is founded on the vision of helping individual learners and employers in attaining quality accredited awards. With centers across the Middle East, Europe, and the African region, CIQ is a proud certification partner for more than 100 organizations and has a progression pathway with some of the leading universities across the world.

CIQ offers credit-rated programs under the Scottish Credit Qualification Framework (SCQF) through the credit rating agency Scottish Qualifications Authority, which enables the learner to attain UK-regulated qualifications. Apart from the credit-rated programs, CIQ also offers stand-alone professional diploma and certification programs, which have been developed based on the current needs of the industry. CIQ also partnered with NCFE-UK (Northern Council for Further Education) and TQUK (Training Qualifications, UK) for joint certification for the courses developed by CIQ.

CIQ has gained a reputation for the high-quality support services provided to the education sector. It works with schools, colleges, universities, and corporate bodies as well as Government agencies to provide relevant, effective, and flexible programs. Their qualification and assessment framework is up-to-date, result-oriented, and meets the defined values as per international standards. CIQ qualifications are approved for progression to higher qualifications offered by International Universities around the globe.

The CIQ qualification and assessment framework has been developed in consultation with leaders from various corporate bodies, government agencies, and universities around the world. CIQ programmes are frequently assessed to enhance quality and ensure they are relevant for the rapidly changing global market, as well as career opportunities for ambitious individuals. The CIQ Qualification and assessment framework is available throughout the world and may be accessed via their “Approved Centre Network”.



# Chartered Management Institute, UK



Chartered Management Institute, backed by Royal Charter, is the only Chartered body dedicated to promoting the highest standards in management and leadership excellence. CMI's management qualifications are recognized throughout the UK and Europe and provide a progressive framework that enables one to develop and broaden management skills. Their qualifications are designed in consultation with employers to meet today's demands, and therefore, it is valued by them.

Their certification is flexible. One can study locally via their 600+ approved centres or through a Distance Learning Provider.

Their resources are designed specifically for the qualification to ensure that the learner has the correct support and free access to all key membership services for the duration of their study.

Practical help whenever you need it; tools and techniques to save time and stress; new ways to enhance your professional reputation; qualifications that show the world you mean business – that's what CMI is all about.



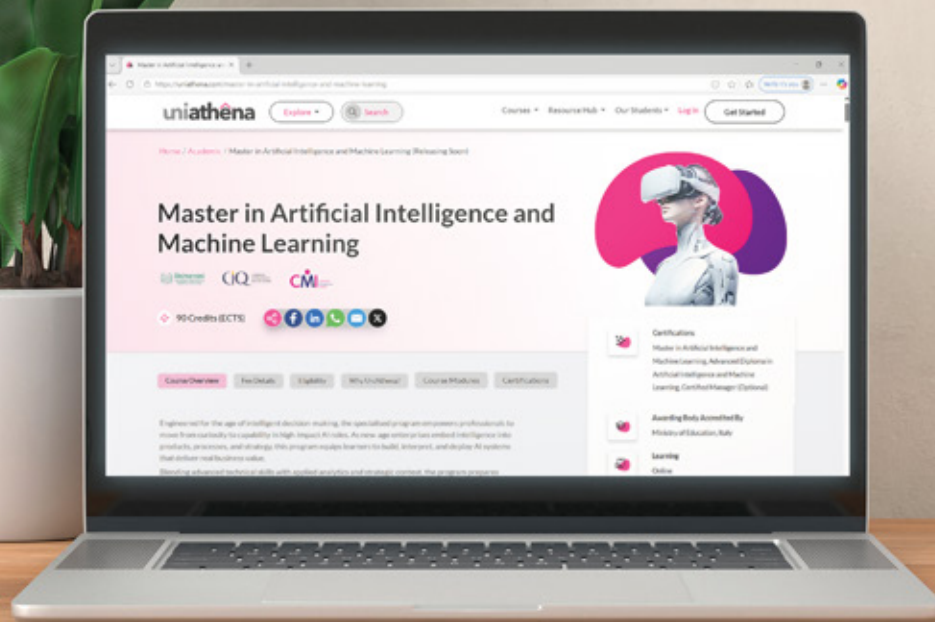
## How to Apply >>


- Register for a free 7-day trial on the UniAthena [Master in Artificial Intelligence and Machine Learning page](#).
- Submit your online enrollment application.
- Begin your MBA once your admission is approved and the first payment is completed.

## Contact & Next Steps >>

- Ready to advance your career with a Master in Artificial Intelligence and Machine Learning from UniAthena
- Begin your journey toward global leadership and managerial excellence today.

## Apply Now >>





"Be the next to wear  
the cap and gown."

uniathena

Flexible | Affordable | Accessible

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