

Program Information

- **Degree Awarded:**
Master of Management Science (M.M.S)
- **Language:**
English
- **Duration:**
2 years (Full-time)
- **Total Credits Required:**
35 credits (18 required, 11 electives & 6 from thesis)
- **Tuition and Fees:**
 - **Tuition Fee:** NTD 22,970/ semester
 - **Credit Fee:** NTD 2,980/ credit
 - **On-campus Accommodation:**
depending on the dormitory distributed, from NTD 11,000 to 16,875/per semester
(*extra charges for the stay during summer & winter breaks)
 - **Computer Access Fee:** NTD 1,900 (for first year only)
- **Scholarships:**
Merit-based scholarship and assistantship opportunities available each semester
 - **Full Scholarship:**
Tuition Fee, Credit Fee, On-campus Accommodation Fee, Monthly Living Expense of at least NTD 8,000 for 8 months included.
 - **Partial Program Scholarship:**
Tuition Fee & Credit Fee included.
 - **INTENSE Scholarship:**
Tuition Fee, Credit Fee with Monthly Living Expense of NTD 10,000 (Maximum 24 months)



Key Takeaways

- **Cross-Industry Integration:**
Integrate AI with management, healthcare, and finance to address real-world needs.
- **Innovation and Sustainability:**
Develop AI-driven solutions that support global and social sustainability goals.
- **Practical and Research-Oriented:**
Engage in project-based learning, seminars, and interdisciplinary research experiences.
- **Global Perspective:**
Designed for international learners, emphasizing multicultural collaboration and global competence.

Application Periods

- **Fall Semester** -
Early January – March 31
- **Spring Semester** -
Early September – October 31

Contact Info

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National Taipei University



International College of
Sustainability Innovations

Empowering Future Innovators in AI and Management



The Master Program in
Artificial Intelligence
Applications & Management

Established under the International College of Sustainability Innovations (ICSI) at National Taipei University (NTPU), the Master Program in Artificial Intelligence Applications and Management (AIAM) cultivates cross-disciplinary professionals who integrate AI technologies into healthcare, business, finance, and management decision-making. The program emphasizes both technological expertise and managerial insight, empowering students to lead innovation in digital transformation and sustainable development across industries.

AIAM welcomes international students eager to explore the intersection of artificial intelligence, data science, and organizational strategy in all English program.

Key Learning Objectives

- **Professional Knowledge and Applications:**
Build strong foundations in AI, healthcare, business, and finance, and apply them across different fields.
- **Innovative Thinking and Problem-Solving:**
Develop creativity and analytical skills through interdisciplinary learning and hands-on projects.
- **Critical and Integrative Thinking:**
Strengthen the ability to analyze and connect ideas across domains to address complex issues.
- **Global Vision and Adaptability:**
Gain a global perspective and the flexibility to respond to fast-changing AI trends.
- **Cross-Cultural Communication and Teamwork:**
Work effectively with diverse teams in multicultural and interdisciplinary environments.
- **Ethical Awareness and Social Responsibility:**
Understand key ethical issues in AI, healthcare, and business, and act responsibly in real-world applications

Curriculum Overview

AIAM students are required to complete 35 credits to graduate, including core and elective courses that bridge AI technology with business and management applications.

18
Required

Core Courses

Core Courses provide a solid foundation in data analysis, programming, and artificial intelligence principles, while enhancing students' research capabilities and applied innovation skills essential for solving real-world challenges.

- Data Mining
- Programming
- Artificial Intelligence Informatics
- Artificial Intelligence
- Research Methodology
- Seminar in Artificial Intelligence Applications
- Mandarin (I) & (II) – (Noncredit courses)

*Prerequisite Requirement: Statistics credits

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Electives

Elective Courses

Elective Courses offer flexibility across two domains — *AI Application & Technology in Healthcare, Business, and in Management*. Students explore cutting-edge fields such as machine learning, deep learning, and cloud computing, alongside courses in digital health, entrepreneurship, finance, and ethical AI policy — preparing them to lead digital transformation across industries.

AI in Applications:

AI & Gerontechnology, AI in Digital Health, Deep Learning for Image Analysis, Cloud Computing, Sustainability and ESG Data Analytics, Healthcare System, Machine Learning, Cloud Resource Planning Practices, Artificial Neural Networks and Deep Learning, Medical Data Analytics, Smart Healthcare Management, Internet of Things, Big Data Analytics, Generative AI Innovative Applications, Software Engineering, AI-driven Innovation & Entrepreneurship, etc.

AI in Management:

Marketing Management, Digital Transformation in Enterprise, Health Economics and Policy, Financial Management, Academic Writing, AI Policy, Regulation & Ethics, Entrepreneurship and New Service Management, Artificial Intelligence in Business and Society, AI in Finance and Quantitative Analysis, etc.

Career Opportunities

AI and Data Science Professionals

Prepare for roles such as machine learning engineer, data analyst, and AI researcher.

Digital Health Innovators

Pursue careers in health informatics, biomedical data management, and healthcare AI consulting.

Business and Finance Experts

Develop capabilities for data-driven strategy, financial analysis, and fintech innovation.

Technology and Management Consultants

Support organizations in digital transformation and AI implementation.

Entrepreneurs

Build AI-focused startups or technology-enabled service ventures.

Academia and Research

Advance to Ph.D. studies or research positions in AI and applied sciences.

