

M.S. & Ph.D. Artificial Intelligence & Computer Engineering

M.S.

Master of Science in Artificial Intelligence and Computer Engineering (1.5-Year Program)

AI ENGINEERING FOR IMPACT

SHAPING SUSTAINABLE FUTURES THROUGH INNOVATION

THESIS TRACK
96 UNITS

- **24 units** of core courses
- **12 units** of elective courses
- **12 units** of *Research, Entrepreneurship & Innovation*
- **48 units** of R&D
- Thesis Defense

AI INNOVATION TRACK
96 UNITS

- **24 units** of core courses
- **12 units** of innovation courses
- **48 units** of elective courses
- **12 units** of AI Innovation Project

PROFESSIONAL TRACK
96 UNITS

- **60 units** of core courses
- **24 units** of elective courses
- **12 units** of *Research, Entrepreneurship & Innovation*

THESIS

Students pursue academic careers, doctoral studies, or advanced R&D roles. Through an in-depth research project, they investigate a focused problem, develop a novel AI-based approach, and present their findings, demonstrating rigorous research and technical expertise.

INNOVATION PROJECT

Students tackle a real-world challenge by designing an AI-powered solution concept. Focused on ideation, this short project ends with a presentation and pitch to faculty and industry experts, showcasing both technical and business insight.

FOR MORE INFORMATION, PLEASE VISIT:

https://cmkl.ac.th/aice/master

Ph.D.

Doctor of Philosophy in Artificial Intelligence and Computer Engineering (3 - 5 Year Program)

BACHELOR'S TRACK

- **96 units** of core courses*
- Research and development
- Teaching internship
- Qualifying exam
- Thesis prospectus
- Thesis defense

MASTER'S TRACK

- **48 units** of core courses*
- Research and development
- Teaching internship
- Qualifying exam
- Thesis prospectus
- Thesis defense

LEADING TRANSFORMATION IN A DISRUPTIVE WORLD

DRIVING DIVERSITY AND EQUITY

FOR MORE INFORMATION, PLEASE VISIT:

https://cmkl.ac.th/aice/ph-d

**Breadth Area Requirements - The program emphasizes breadth of knowledge across at least three technical areas, fostering interdisciplinary perspectives and a well-rounded foundation for advanced AI research.*

Collaborative Research

Our students have the opportunity to participate in projects with leading industries and tech companies. At CMKL, students will have hands-on experience while networking with professionals in the field, preparing them for their future careers.



The AiCE program is designed to provide students with opportunities to solve real-world problems in collaboration with external stakeholders from industry, government, and non-governmental organizations. Beginning in their first semester, students will devote at least 7–9 hours per week to research projects.

Important Dates

Spring Round 1	
Open and close date	August 1 - September 30
Enrollment confirmed by **	October 30
Spring Round 2	
Open and close date	October 1 - November 15
Enrollment confirmed by **	December 15
Fall Round 1	
Open and close date	November 16 - January 15
Enrollment confirmed by **	Feburary 15
Fall Round 2	
Open and close date	January 16 - March 15
Enrollment confirmed by **	April 15
Fall Round 3	
Open and close date	March 16 - May 15
Enrollment confirmed by **	June 15
Fall Round 4	
Open and close date	May 16 - July 15
Enrollment confirmed by **	July 30

** Under Early Decision: If you're admitted to CMKL University, we expect you to enroll. You must consent to withdraw applications that you have already submitted to other institutions, in any country, once you have been approved and your enrollment in the Early Decision round has been confirmed.

Core Research Areas

- AI & Machine Learning Foundations:
- Deep Learning, Reinforcement Learning, and Generative AI Optimization.
- Human-Centered Design & HCI:
- Researching AI Avatars, Digital Identity, and Human Perception.
- Scalable Systems & Infrastructure:
- Cloud/Edge Computing and High-Performance Data Processing.
- Cybersecurity & Data Privacy:
- Advanced Data Protection and "Neurorights" in the Digital Age.

For more information, please visit:
https://cmkl.ac.th/research/all-graduate-research

Eligibility

- Hold a bachelor's degree in any field of study.
- Transcript
- Statement of Purpose
- Video Interview
- Recommendation Letters
- English test score from one of the following:
  - Duolingo English Test - A minimum overall score of 105 is required
  - TOEFL iBT Exam - A minimum overall score of 70 is required or 4.0 (test taken from 21 Jan 2026)
  - IELTS Exam - A minimum overall score of 6 is required
- Resume, CV, or Portfolio (optional)
- GRE test score (optional)
- Computer Science Proficiency (Optional)

Research Assistantship

A unique opportunity to engage in a research-focused program, leveraging advanced knowledge in AI and Computer Engineering. Students can specialize in areas such as Artificial Intelligence, Human-Centered Design, Scalable Systems, and Cybersecurity.

Full M.S. and/or Ph.D. in AI and Computer Engineering scholarship worth up to 4 millions baht cover*

For more information, please visit:
https://cmkl.ac.th/students/financial-aid

Tution & Fees

For more information, please visit:
https://www.cmkl.ac.th/students/tuitions-and-fees