

Aice

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



LEADING TRANSFORMATION IN A DISRUPTIVE WORLD



DRIVING DIVERSITY AND EQUITY

THESIS TRACK

96 UNITS



- **24 Units** of Core Engineering Courses
- **12 Units** of Elective Courses
- **12 Units** of Research, Entrepreneurship & Innovation
- **48 Units** of R&D

PROFESSIONAL TRACK

96 UNITS



- **60 Units** of Core Engineering Courses
- **24 Units** of Elective Courses
- **12 Units** of Research, Entrepreneurship & Innovation

ENTREPRENEURIAL TRACK

96 UNITS



- **24 Units** of Core Engineering Courses
- **24 Units** of Elective Courses
- **12 Units** of Business Intelligence
- **36 Units** of Capstone Project

AI INNOVATION TRACK

96 UNITS



- **24 Units** of Core Engineering Courses
- **12 Units** of Core Innovation Courses
- **48 Units** of Elective Courses
- **12 Units** of Innovation Project

CAPSTONE PROJECT

As part of the Entrepreneurial track, students are required to launch a new business venture through the Capstone Project. The final venture must undergo formal evaluation through the Venture Assessment process conducted by a venture creation committee.

FOR MORE INFORMATION, PLEASE VISIT:

<https://cmkl.ac.th/aice/master/master-of-science-in-artificial-intelligence-and-computer-engineering-aice>



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

96 units technical courses (48 units for students with MS) + Qual + Thesis Proposal/Defense); with breadth course options in

Milestone	F1	S1	F2	S2	F3	S3	F4	S4	F5	S5
Research	X	X	X	X	X	X	X	X	X	X
Course & Breadth	2 Classes	2 Classes	2 Classes	2 Classes						
Qualifying Exam				X						
Teaching Internship			X			X				
Prospectus								X		
Thesis and Defense										X

- Artificial Intelligence
- Human-Centered
- Design Scalable
- System Cybersecurity

FOR MORE INFORMATION, PLEASE VISIT:

<https://cmkl.ac.th/aice/ph-d/doctor-of-philosophy-in-artificial-intelligence-and-computer-engineering>



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 15
Spring Round 2	
Open and close date	October 1 – November 15
Enrollment confirmed by	November 30
Fall Round 1	
Open and close date	November 15 – January 15
Enrollment confirmed by	January 31
Fall Round 2	
Open and close date	January 15 – March 15
Enrollment confirmed by	March 31
Fall Round 3	
Open and close date	March 15 – May 15
Enrollment confirmed by	May 30
Fall Round 4	
Open and close date	May 15 – July 15
Enrollment confirmed by	July 20

Core research area

- 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 (optional)
- 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
 - 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 PhD in AI and Computer Engineering scholarship worth up to 4 millions baht cover*:

M.S. Full scholarship (Tuition & Fees) covering:

University tuition & required fees for 1.5 – 2 academic years (approx. 1.3M THB*)

Ph.D. Full scholarship (Tuition & Fees) covering:

University tuition & required fees for 4 – 6 academic years (approx. 4M THB*)



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