

Data and Artificial Intelligence Engineering

Program Highlight



Dual Degrees from Two Top-Tier Universities

Earn degrees from both universities. KMUTT is Thailand's number 1 Science & Technology University. Queen Mary University of London is UK's top-tier research university, a member of the prestigious Russell Group.



Expert Faculty

Delivered by experts from both universities. Core modules taught by Queen Mary faculty onsite at KMUTT.



Complete Data-to-AI

Covers the full lifecycle - from data foundations to AI modeling with real-world deployment.



Active, Hands-on Learning

Focused on practical experience through labs, major projects, and an internship.

Career Opportunities

- Data Scientist / Engineer
- Machine Learning Engineer / AI Engineer
- AI Software Developer / Software Engineer
- Cloud and Platform Engineer
- Data Analyst / Business Intelligence Specialist
- AI Researcher / Automation Engineer

Qualifications of Prospective Students

- Education: High School Diploma or equivalent (eg., M.6 / GED / IB / A-Levels)
- GPA: 2.75 or higher (or admission criteria)
- English: CEFR B1 or higher (or equivalent)
- Demonstrate strong analytical, creative, and international readiness

Expected Learning Outcomes

- Solve complex Data and AI problems using solid engineering principles.
- Design, build, and evaluate intelligent systems for real-world needs.
- Master modern data platforms, software tools, and advanced AI technologies.
- Collaborate and lead effectively within multidisciplinary, international teams.
- Exercise ethical, responsible judgment with a global mindset.
- Adapt proactively to emerging tech and evolving industry demands.

Curriculum / Credits

Total number of credits in the program : 131 credits

Course Category	Credits
General Education	27
Specific Courses	98
• Mathematics / Science / Engineering	27
• Computer Systems	15
• AI Engineering	24
• Data Engineering	12
• Engineering Practices	14
• Electives in Data and AI	6
Free Electives	6
Total	131

Tuition Fee

Tuition Fee (Baht)	Per Semester	Per Year
Tuition Fee (flat rate)	225,000	450,000
Total Tuition Fee		1,800,000

Department of Faculty of Engineering

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