

Robotics and Artificial Intelligence Engineering

Programme Highlights

Dual Degrees from Two Top-Tier Universities

Earn degrees from both universities. KMUTT is Thailand's number 1 science and technology university (QS World University Rankings 2027). Queen Mary is a top-tier UK research university and a Russell Group member.

Flying Faculty

Queen Mary academics fly to KMUTT to teach half of all core modules in person.

Complete Physical AI Ecosystem

Covers future automation technologies, from intelligent AI decision-making to physical deployment in the real world.

Active, Hands-on Learning

Focuses on practical experience through labs, jointly supervised projects and an industrial internship.

Career Opportunities

- Robotics Engineer
- AI and Data Engineer
- Automation and Control Engineer
- System Integrator / Innovator

Qualifications of Prospective Students

- Education: High school diploma or equivalent (e.g. M.6 / GED / IB / A levels)
- GPA: A minimum of 3.00, or as specified in the admissions criteria.
- English: CEFR B1 or higher (IELTS 5.0 or higher)
- Strong analytical and creative skills and readiness for international study

Expected Learning Outcomes

- Solve real-world problems using robotics and AI engineering.
- Apply robotics and AI engineering to meet specifications.
- Communicate effectively with colleagues and others.
- Show professionalism in study and career development.
- Apply interpersonal skills in work and management.
- Conduct experiments and analyse and interpret data to engineering standards.
- Acquire and apply new knowledge through lifelong learning.

Curriculum / Credits

Programme total: 131 credits

Course Category	Credits
General Education	**27**
Specific Courses	**98**
• Basic Science and Mathematics	21
• Computing	6
• Robotics	42
• AI & Data	21
• Project-based Learning	8
Free Electives	**6**
Total	**131**

Tuition Fees

Tuition Fees (baht)	Per Semester	Per Year
Tuition Fees (flat rate)	225,000	450,000
Total Tuition Fees		1,800,000

Faculty of Engineering

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