

Robotics and Artificial Intelligence Engineering

Program Highlights



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.



World-Class Faculty

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



Complete Physical AI Ecosystem

Covers future automation technologies - from Intelligent AI decision to physical real-world deployment



Active, Hands-on Learning

Focused on practical experience through labs, joint-supervision 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 (eg., M.6 / GED / IB / A-Levels)
- GPA: 2.75 (or admission criteria)
- English: CEFR B1 or equivalent (eg., IELTS 5.0 / TOEFL 3.5)
- Demonstrate strong analytical, creative, and international readiness

Expected Learning Outcomes

- PLO1: Solve real world problems by applying principles of robotics and AI engineering
- PLO2: Apply robotics and AI engineering to produce solutions that meet specifications
- PLO3: Communicate effectively with team and others
- PLO4: Demonstrate professionalism in academic and career development
- PLO5: Demonstrate sufficient human skills in work integration and management
- PLO6: Develop and conduct appropriate experimentation, analyse and interpret data with engineering standard
- PLO7: Commit to life-long learning with ability to acquire and apply new knowledge

Curriculum / Credits

Total number of credits in the program : 131 credits

Course Category	Credits
General Education	27
Specific Courses	98
• Basic Science and Mathematics	18
• Compulsory courses	74
• Elective courses	18
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

Faculty of Engineering

King Mongkut's University of Technology Thonburi,
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<https://inc.kmutt.ac.th/rai/>
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