

Computer Engineering

International Program – 2026 Revised Curriculum

For over three decades, the Computer Engineering (International Program) at KMUTT has empowered students to innovate with purpose – to be the best in technology and the best for society.

At KMUTT, learning goes beyond coding and circuits. Students engage in hands-on projects and industry collaboration, building real skills in AI, data engineering, software development, and cybersecurity. The program shapes engineers who are skilled, ethical, and globally minded, ready to design the future with purpose and innovation.

Expected Learning Outcomes



Apply knowledge and principles of **Science, Mathematics, and Engineering** to solve computer engineering problems.



Analyze and design solutions by applying knowledge, technology, and engineering tools to address computer engineering challenges.



Communicate effectively and present technical knowledge and understanding to others.



Learn independently to solve problems and develop oneself in response to technological changes.

Career Opportunities



Software developer



Data engineer



AI engineer



Cybersecurity specialist



Embedded systems engineer

Program Structure

Course Category	Credits
General Education	27
Specific Courses	105
Mathematics & Science	30
Engineering Fundamentals	12
Compulsory Engineering Courses	57
Elective Engineering Courses	6
Free Electives	6
Total Credits	138

94 %

of graduates employed within a few months

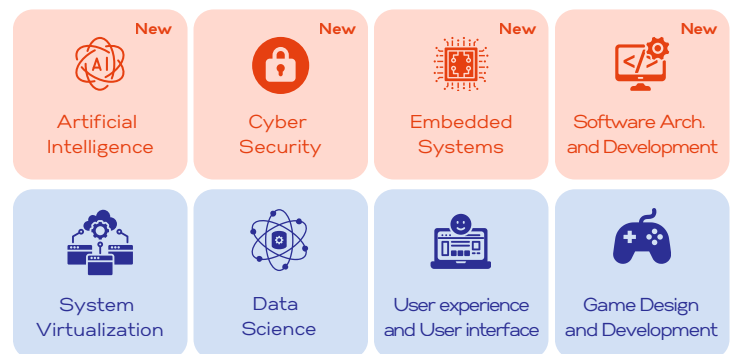
95 %

of Faculty Members hold doctoral degrees

Admission Requirements

- ✓ Applicants must **complete upper secondary school** in the Science-Mathematics track or hold an equivalent qualification approved by the Ministry of Education.
- ✓ Admission is available through KMUTT's international pathways such as **Portfolio, Quota, or TCAS**.

Example Courses



More Courses : Machine learning, Database, System virtualization and platform engineering, Computer Networks, Text analytics, Deep learning, Data engineering, Full-stack web development, Geographic information system, MLOps.

New 2026 Revised Curriculum

Outdated courses were removed and replaced with high-impact subjects such as **AI, Cybersecurity, and Embedded Systems, along with a new Data Engineer Pathway.**

These updates ensure graduates are well-prepared for emerging technologies and global career opportunities

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