

ICT Mahidol
— Graduate Program —



M.Sc. in Computer Science

Faculty of Information and
Communication Technology,
Mahidol University

Program Overview



Program Chair

Asst. Prof. Dr. Boonsit Yimwadsana
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Asst. Prof. Dr. Thanwadee Sunetnanta
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Duration and Teaching Schedule

📅 **2 years** international program

📅 **Weekdays** (daytime and evening)
and **Weekends** (daytime)

📍 Location

Faculty of ICT Building,
Mahidol University, Salaya Campus



M.Sc. in Computer Science offers highly technical courses which are the foundation to various fields of computer science. Students can choose their own computing path such as software development, data science, data engineering, data management, networking systems and security, artificial intelligence, machine learning, natural language processing, and computer vision

Program structure

📖 **Coursework** and **either Thesis or Professional Project** (2 plans of study) for **no less than 36 credits**



Teaching Venue and Channels

→ Hybrid instructions

📖 **Onsite:** Faculty of ICT,
Mahidol University, Salaya Campus

+

🌐 **Online:** (synchronous and asynchronous
via MS Teams and WebEx or equivalent)

Qualification

Bachelor's degree with at least 6 credits of computing-related course and **GPA of 2.5/4.0**

Plans of Study

Thesis plan

Publish one original academic paper in conference proceeding or journal, suitable for students who have strong background in computing and want to pursue advanced knowledge and skills

Professional plan

Work on a project or internship, suitable for students who have some or strong background in computing and want to work in the industry or start a business



Supporting Facilities and Benefits

- »» Advanced computing facilities for academic projects
- »» Academic software from Microsoft and etc
- »» Healthcare support from renowned Mahidol University Medical Centers
- »» International internship opportunities with supporting scholarship



Spotlight Courses

- >> Design and Analysis of Algorithms
- >> Software Project Management
- >> Data Sciences Essentials
- >> Network and Cloud Essentials
- >> Software and Application Development
- >> Software Quality Assurance
- >> Software Engineering
- >> Information Security Management
- >> Data Mining and Data Warehousing
- >> Enterprise Data Governance and Data Management
- >> Cloud Database and Big Data Technology
- >> Machine Learning
- >> Natural Language Processing
- >> Advanced Computer Vision
- >> Financial Information Technology
- >> Management Information Systems in Healthcare and Medicine
- >> Entrepreneurship in Information Technology



Graduate Program

ICT Mahidol 

"ONE ICT: Go forward together as one"



OPPORTUNITY

"Shape your future in
**Software Development,
Data Science, AI,
Machine Learning,
Cybersecurity and more"**

**Asst. Prof. Dr. Boonsit
Yimwadsana**

Program Chair

Let's study Together !

**Program
Information**



Apply Now



Ready to take your
education to the next level?

Faculty of ICT, Mahidol University

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