

COMPUTER SCIENCE

ABOUT US



ACADEMIC



Faculty Members

Areerat TRONGRATSAMEETHONG, PhD (Computer Science)
Benjamas PANYANGAM, MS (Computer Science)
Chumphol BUNKHUMPORNPAT, PhD (Computer Science)
Churee TECHAWUT, PhD (Computer Science)
Dussadee PRASERTTITIPONG, PhD (Computer Science)
Ekkarat BOONCHIENG, PhD (Computer Science)
Jakarin CHAWACHAT, PhD (Computer Engineering)
Jakramate BOOTKRAJANG, PhD (Computer Science)
Jeerayut CHAIJARUWANICH, PhD (Computer Sci. & Appl Math)
Kittipitch KUPTAVANICH, MS (Computer Science)
Matinee KIEWKANYA, PhD (Computer Engineering)
Noparut VANITCHANANT, MS (Electrical Engineering)
Prakarn UNACHAK, PhD (Computer Science)
Ratsameetip WITA, PhD (Computer Engineering)
Rattasit SUKHAHUTA, PhD (Computer Science)
Samerkae SOMHOM, PhD (Industrial Eng. and Management)
Suphakit AWIPHAN, D.Eng (Computer Science and Engineering)
Varin CHOUVATUT, PhD (Electrical & Computer Engineering)
Wassana NAIYAPO, MS (Statistics)
Watcharee JUMPAMULE, PhD (Computer Science)
Wattana JINDALUANG, PhD (Computer Engineering)
Wijak SRISUJJALERTWAJA, PhD (Computer Science)

**COMPUTER
SCIENCE**
Chiang Mai University

Computer Science discipline was first offered in 1983 as part of the Department of Mathematics. In 1987, the Department of Computer Science was established and a degree of BS (Computer Science) was offered to students. Since then, the department has produced more than 1000 graduates in BS, MS, and PhD programs. The department also has international collaboration with several overseas universities such as University of Wollongong (Australia), Armstrong Atlantic State University (USA), National Chung Cheng University (Taiwan). Our research fields are for examples, but not limited to, the theory of computation, Bioinformatics, NLP, Biomedical Engineering, Software Engineering, Networking, Evolutionary Algorithm.

The Department of Computer Science offers a BS program in Computer Science both regular and cooperative education programs. MS and PhD program in Computer Science were also offered to prospective students from both academic and industrial disciplines and ranging from private to public sectors.



Undergraduate Curriculum

B.S. (COMPUTER SCIENCE)

First Year

Fundamental English 1
The World of Science
Biology 1
Chemistry 1
Fundamentals of Programming
Calculus 1

Fundamental English 2
Principles of Computing
Calculus 2
Physics 1
Science & Mathematics (3)
Humanities & Social Sciences

Second Year

Critical Reading & Effective Writing
Object-Oriented Programming
Computer Organization & Architect
Discrete Mathematics
Elementary Statistics
Humanities & Social Sciences (3)

English in Science & Technology
Computer Networks & Protocols
Data Structures
Org. of Programming Languages
Minor (3)
Humanities & Social Sciences (3)

Third Year

Database System 1
Operating System
Software Engineering
Algorithm Design & Analysis
Learning through Activities (1)
Minor (3)
Free Elective (3)

Learning through Activities (2)
Ethics for Computer Professionals
Object-Oriented Design
Research in Computer Science
300- or 400-Level Major Elective (3)
400-Level Major Elective (3)
Minor (3)

Fourth Year

Computer Job Training
Independent Study 1
400-Level Major Elective (6)
Minor (3)

Independent Study 2
400-Level Major Elective (6)
Free Elective (3)
Minor (3)

Note: BS (Computer Science) also offers a Cooperative Education Program.



For more detail about the program, electives and course description, please visit the following website.