

Bachelor of Science Program
in Computer Science (English Program)
School of Information Technology
King Mongkut's University of Technology Thonburi

Program Profile:

CS@SIT: Foundation that provides the link
between "**information**" and "**technology**."

CS@SIT offers a 4-year bachelor's degree to well-qualified Thai and international students. The programme aims to produce CS graduates with the needed professional skills who can be employed globally. At the core of the programme is the solid computer science foundation, based on the ACM/IEEE CS Curriculum. It boasts flexible study plan that promotes international exchange and a 3.5-year fast track. Students can opt for one of the following pathways to strengthen their competence depending on their study goals: (i) *data science*, (ii) a 6-month *traineeship*, (iii) *research*, and (iv) a *double-degree* programme that empowers the students with the potential to pursue career abroad. The curriculum is supplemented with a strong collaboration with the industry that includes world-class companies such as Microsoft, Oracle, Huawei and VMware. The School's own English Language Coordinating Section (ELCS) also helps to facilitate students in developing the required level of the English proficiency.

Brief Graduates' Profile: *Practitioners* with ***theoretical foundation***, ready for ***global employment***.

Programme's Learning Outcomes

PLO1. Effectively ***apply*** computer science knowledge, tools and techniques to ***produce*** solutions to computing problems of varying complexity in a diverse range of domains.

PLO2. ***Work*** successfully and professionally in both independent and team environment—ready for a global career in computer science.

PLO3. ***Demonstrate*** a depth of knowledge appropriate to ***pursue*** graduate study and/or lifelong learning in a self-selected area in computer sciences or related fields.

PLO4. ***Demonstrate*** appreciation for the professional, social, ethical and leadership roles of computer science professionals.

CS@SIT Applicant Qualifications

High school diploma or equivalent with emphasis on mathematics and science. Applicants are expected to demonstrated good command of English communication

CS@SIT Curriculum Structure

Total Credit Hours	134 credits
1. General Education	31 credits
2. Core Courses	97 credits
2.1 Mathematics	12 credits
2.2 Computer Science	59 credits
2.3 Core Electives	26 credits
3. Free Electives	6 credits

Remarks: Students must achieve IELTS 4.5 or more to graduate.

Career after graduation

- Computer scientists
- Data scientists
- Front-end / back-end developers
- Web developers
- Software project managers
- DB / system administrators
- Start-up / graduate study / freelance

สอบถามข้อมูลเพิ่มเติม

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