

성신여자대학교

Sungshin Women's University
Department of Computer Engineering



Introduction

In the Department of Computer Engineering, our goal is to cultivate professionals who can lead the digital convergence and the Fourth Industrial Revolution society by building practical skills adaptable to the field, based on the foundational theories of computer science.

Educational Objectives

- We cultivate foundational theories and practical skills necessary for deriving standardized solutions to real-world problems and implementing them through software.
- We foster professional competency and analytical skills required for creative adaptation to a variety of rapidly advancing technologies in the ever-evolving field of IT.
- Through collaboration between industry and academia, we nurture practical and skilled female professionals who meet the needs of the industrial sector.

Qualities of Graduates

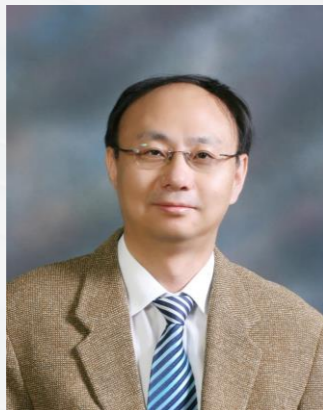
The ideal candidate for the Department of Computer Engineering is a convergent software professional who, based on the foundational theories of computer science, possesses problem-solving skills and practical abilities. This individual is capable of adapting to and leading in the emerging industries of IT, becoming a well-rounded expert in software with a blend of theoretical understanding and practical competence.

Professor



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Curriculum

* View All Courses: <https://sugang.sungshin.ac.kr/> (Language : English)

	Software Architect Track	Application Software Track	Cloud Track
2 Division	Advanced C++ Programming	Advanced C++ Programming	Computer Network
	Advanced Java Programming	Advanced Java Programming	Databases
		Advanced Data Structures	Operating Systems
3 Division	Software Analysis and Design	Algorithms	System Programming
	Server System Construction and Practice	System Programming	Server System Construction and Practice
	Software Engineering	Mobile Programming	Open Source Software
		Open Source Software	
4 Division	Software Design Pattern		Distributed Systems
			Cloud Computing
Career and Related Occupations	Software Design Expert	Systems Engineer	Systems Engineer
	Software Engineer	Application Software Developer	System Software Developer
	Software System Consultant	System Software Developer	Network Engineer
	Computer Engineering Information Educator	Computer Engineering Information Educator	Cloud Architect
			Cloud Engineer



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