

Courschema of Computer Science Major

Department of Computer Science and Engineering

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1. Introduction

Computer Science is as a great developing potential major, seeing an acute shortage of advanced talents. With the rapid development of computer technology and the modernization enterprises, the phenomenon will become more and more serious. The society urgently needs high-quality talents due to the intensive, permeability, interdisciplinary integration, technology innovation, and the fierce competition in the market in current and future period of time.

2. Objectives

This major is aiming at cultivating talents who possess firm professional theory knowledge, mastering the frontier computer system design principle, corresponding research and exploitation ability, and capable of utilizing English and computer technology. After graduation, students can not only engage in research, exploitation, management, or teaching in computer science and technology field in corporations, scientific research institutes, universities, but also continue their postgraduate studies in Computer Science and Technology and related or interdisciplinary fields.

3. Program Length and Degree

Program Length: Four years

Degree: Bachelor of Engineering

Compulsory Courses before Enrolled in CSE

coursche ID	name	prerequisite
CS101	Introduction to CS	
CS102	NB class	
CS201	Fly a Jet fighter	CS101 & CS102
CS202	Blow up F35C with RPG	CS301
CS203	Digital Logic	CS506
CS204	Computer Organization	
CS205	Discrete Mathematics	CS101 (CS201 & CS302)
CS206	Super NB class	CS909
CS303A	Artificial Intelligence	
CS309	OOAD	CS201