

Equivalencies:

These substitutions are allowed only in **special cases**, such as if the student took the substituted class before changing major. They cannot be used for example if the student fails the required course. In all cases, students should take the required courses and consult with their major advisor to get approval for the substitution.

1. BSSE majors: the following CMPE courses can be substituted for the corresponding CS courses:

CMPE course	Title	CS course	Title
CMPE 130	Advanced Algorithm Design	CS 146	Data Structures & Algorithms
CMPE 135	Objected-Oriented Analysis & Design	CS 151	Objected-Oriented Design
CMPE 138	Database Systems I	CS 157A	Intro to Database Management Systems
CMPE 142	Operating Systems Design	CS 149	Operating Systems

2. BSCMPE majors: the following CS courses can be substituted for the corresponding CMPE courses:

CS course	Title	CMPE course	Title
CS 146	Data Structures & Algorithms	CMPE 126	Algorithms & Data Structure Design
CS 149	Operating Systems	CMPE 142	Operating Systems Design
CS 157A	Intro to Database Management Systems	CMPE 138	Database Systems I
CS 153	Concepts of Compiler Design	CMPE 152	Compiler Design