

	No	Course Code	Course Name	Prerequisites	Additional Prerequisites	ECTS	
Minor in CSE (EEE, ME, IE, or GBE majors)	1	CS105	Advanced Programming	CS103		6	
	2	CS304	Computer Architecture	CS105		6	
	3	CS306	Database Management	CS105		6	
	4	CS412	Web Application Development	CS105		6	
	Any one (1) of the following courses:						
	a	CS303	Digital Design			6	
	b	CS308	Software Engineering	CS105		6	
	c	CS307	Operating Systems	CS304		6	
	d	CS302	Algorithms and Data Structures	CS105, MATH204	MATH204	6	
	e	SE308	Communication Systems and Networks	CS105		6	
f	CS305	Programming Languages	CS105		6		
Minimum ECTS to be completed						30	

Notes:

- 1) Prerequisites are from the course syllabi. Additional prerequisites are those that may require the student to exceed 240 ECTS for the combined major/minor program.
- 2) The following courses can be taken in replace of each other: (CS103 / ENS213) and (CS105 / EE221).

	No	Course Code	Course Name	Prerequisites	Additional Prerequisites	ECTS	
Minor in CSE (for majors other than CSE, EEE, GBE IE, or ME)	1	CS103	Introduction to Programming			6	
	2	CS105	Advanced Programming	CS103		6	
	3	CS304	Computer Architecture	CS105		6	
	4	CS306	Database Management	CS105		6	
	5	CS412	Web Application Development	CS105		6	
	Any one (1) of the following courses:						
	a	CS303	Digital Design			6	
	b	CS308	Software Engineering	CS105		6	
	c	CS307	Operating Systems	CS304		6	
	d	CS302	Algorithms and Data Structures	CS105, MATH204	MATH204	6	
e	SE308	Communication Systems and Networks	CS105		6		
f	CS305	Programming Languages	CS105		6		
Minimum ECTS to be completed						36	

Notes:

- 1) Prerequisites are from the course syllabi. Additional prerequisites are those that may require the student to exceed 240 ECTS for the combined major/minor program.
- 2) The following courses can be taken in replace of each other: (CS103 / ENS213) and (CS105 / EE221).