

COMPUTER SCIENCE DUAL DEGREE PROGRAM

This program allows students to gain a solid computer science background and advanced professional software development skills on an accelerated pace and be ready for the challenges of the information technology industry upon graduation. The program allows students to be able to still finish a Bachelor of Science degree in four years or fewer should they choose not to continue with the five-year program.

Admission Requirement

Students must major in Computer Science with emphasis in either Software Engineering or ABET-Suggested Curriculum to be eligible for this five-year program. Students may be admitted to the five-year BS-MSE dual degree program as freshmen. However, a combination of a GPA of 3.0 or higher in the major and an overall GPA of 2.75 or higher is required to remain in the five-year program. Alternatively, a student with a GPA of 3.0 or higher in the major and overall GPA of 2.75 or higher may be admitted to the five-year degree program any time before 80 undergraduate credit hours are completed. The latest that a student can apply for admission is during the second semester of his or her junior year.

Sample Course Completion Schedule for CS/SE Emphasis

	Fall Semester		Spring Semester		Winter/Summer Term	
Year 1	CCS 100	4	ENG 170	4		
	CSC 110	4	CSC 111	4		
	MAT 160	4	MAT 161	4		
	GE 1	4	CSC 211	4		
	CSC 107*	2	CSC 109*	2		
		<u>18</u>		<u>18</u>		
Year 2	CSC 226	4	CSC 323 (odd yrs) or			
	COM 101 (GE 1)	4	CSC 271 & 272 (even yrs)	4		
	GE 1	4	MAT 205	4		
	Elective	4	GE 1	4		
			Elective	4		
		<u>16</u>		<u>16</u>		
Year 3	CSC 351	4	CSC 323 (odd yrs) or			
	Elective	4	CSC 271 & 272 (even yrs)	4		
	GE 2	4	CSC 341	4		
	LSP	4	CCE	2		
			CCS 400	2		
			CSC 480*	4		
		<u>16</u>		<u>16</u>		
Year 4	CSC 440/640	4	CSC 560	3	CSC 680	6
	CSC 506	3	CSC 600	3		
	Elective	4	Elective	4		
	Elective	4	CSC 450 *	4		
		<u>15</u>		<u>14</u>		<u>6</u>
Year 5	CSC 591	3	CSC 650	3	MSE elective	3
	CSC 550	3	CSC 602	3	CSC 651	3
	CSC 603	3	CSC 643	3		
		<u>9</u>		<u>9</u>		<u>6</u>

= 159 credits

Note: Courses with an asterisk may be taken during winter and/or summer sessions.

**Sample Course Completion Schedule for
CS/ABET-Suggested Curriculum Emphasis**

	Fall Semester		Spring Semester		Winter/Summer Term	
Year 1	CCS 100	4	ENG 170	4		
	GE 1	4	CSC 111	4		
	MAT 160	4	MAT 161	4		
	GE 1	4	GE 1	4		
		<u>16</u>		<u>16</u>		
Year 2	CSC 226	4	CSC 323 (odd yrs) or			
	COM 101 (GE 1)	4	CSC 271 & 272 (even yrs)	4		
	GE 2	4	MAT 205	4		
	MAT 207	4	CCE	2		
			CCS 400	2		
			CSC Elective	4		
		<u>16</u>		<u>16</u>		
Year 3	MAT 312	4	CSC 323 (odd yrs) or			
	CSC Elective	4	CSC 271 & 272 (even yrs)	4		
	CSC Elective	4	CSC 341	4		
	LSP	4	CSC 421	4		
			CSC 480*	4		
		<u>16</u>		<u>16</u>		
Year 4	CSC 440/640	4	CSC 560	3	CSC 680	6
	CSC 506	3	CSC 600	3		
	CSC Elective	4	Elective	4		
	CSC Elective	4	CSC 450 *	4		
		<u>15</u>		<u>14</u>		<u>6</u>
Year 5	CSC 591	3	CSC 650	3	MSE elective	3
	CSC 550	3	CSC 602	3	CSC 651	3
	CSC 603	3	CSC 643	3		
		<u>9</u>		<u>9</u>		<u>6</u>

= 155 credits

Note: (1) Courses with an asterisk may be taken during winter and/or summer sessions.
(2) Despite the provided sample schedules, five-year program students always should consult with their advisors for possible modifications based upon their individual situations.