

***Computer Science: STEM Education, B.S.***

Please see the [Courses](#) section of this catalog for complete course descriptions.

<b>First Year – 32-33 Hours</b>			
<ul style="list-style-type: none"> <li>Meet with Academic Advisor two times each semester.</li> </ul>			
<i>Fall Semester:</i>	<b>Hrs</b>	<i>Spring Semester:</i>	<b>Hrs</b>
CPSC 1100	4	CPSC 1110	4
MATH 1950 (Mathematics)	4	MATH 1960	4
ENGL 1010 or 1011	3-4	ENGL 1020 or HIST 2000	3
Natural Science with Lab Sequence*	4	Natural Science with Lab Sequence*	4
STEM 1030	2		
	17-18		15
<b>Second Year – 32 Hours</b>			
<ul style="list-style-type: none"> <li>Using MyMocsDegree, create course plan for your remaining degree requirements.</li> </ul>			
<i>Fall Semester:</i>	<b>Hrs</b>	<i>Spring Semester:</i>	<b>Hrs</b>
STEM 2010	3	STEM 2020	3
CPSC 2800	3	CPSC 2100	3
CPEN 3700	4	MATH 2030	3
MATH 2200	3	Natural Science with Lab**	4
FAH: Historical Understanding	3	FAH: Literature	3
	16		16
<b>Third Year – 34 Hours</b>			
<ul style="list-style-type: none"> <li>Participate in study abroad, leadership opportunities, service learning, civic engagement, internships, research projects, and other learning opportunities.</li> </ul>			
<i>Fall Semester:</i>	<b>Hrs</b>	<i>Spring Semester:</i>	<b>Hrs</b>
STEM 3010 (FAH: Thought, Values and Beliefs)	3	STEM 3020	3
CPSC 3110	1	CPSC 3200	3
CPSC 3610 (FAH: Thought, Values and Beliefs)	3	Approved CPSC Elective (3000-4000 Level)	3
Approved CPSC Elective (3000-4000 Level)	3	MATH 3100 or ENGR 2220 (Statistics)	3
Approved CPSC Elective (3000-4000 Level)	3	FAH: Visual and Performing Arts	3
MATH 3000	3	Non-Western Culture	3
	16		18
<b>Fourth Year – 27 Hours</b>			
<ul style="list-style-type: none"> <li>Complete your Graduation application with the Records Office.</li> </ul>			
<i>Fall Semester:</i>	<b>Hrs</b>	<i>Spring Semester:</i>	<b>Hrs</b>
STEM 4010	3	STEM 4020	6
CPSC 4900	3	CPSC 4910 or 4995	3
CPEN 4700	3	Behavioral and Social Sciences	3
MATH 4010	3		
Behavioral and Social Sciences	3		
	15		12

\*Lab Science Sequence from: BIOL 1110/1110L and BIOL 1120/1120L; CHEM 1110/1110L and CHEM 1120/1120L; or GEOL 1110/1110L and GEOL 1120/1120L.

\*\*One additional Lab Science from: BIOL 1110/1110L, BIOL 1120/1120L, CHEM 1110/1110L, CHEM 1120/1120L, GEOL 1110/1110L, GEOL 1120/1120L, PHYS 2300/2300L, or PHYS 2310/2310L.

<b>Completed:</b>			
<b>Graduation Requirements:</b>	<b>Hrs</b>	<b>Degree Requirements:</b>	<b>Hrs</b>
12 Total Hours		24-25 General Education Hours	
39 Upper Division (3000-4000) Hours		101 Program (Major) Hours	
30 Hours at UTC		Minor ( <i>Not Required</i> )	
60 Hours at 4-year Institution		Elective Hours ( <i>Not Required</i> )	
		Foreign Language ( <i>Not Required</i> )	