

**CLEAR PATH for ADVISING –
Computer Science: STEM Education, B.S.**

2018-2019

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

First Year – 32-33 Hours			
Meet with Academic Advisor two times each semester.			
<i>Fall Semester:</i>	Hrs	<i>Spring Semester:</i>	Hrs
CPSC 1100	4	CPSC 1110	4
MATH 1950 (Mathematics)	4	MATH 1960	4
Natural Science with Lab Sequence*	4	Natural Science with Lab Sequence*	4
ENGL 1010 or 1011	3-4	ENGL 1020 or HIST 2100	3
STEM 1030	2		
	17-18		15
Second Year – 31 Hours			
Using MyMocsDegree, create course plan for your remaining degree requirements.			
<i>Fall Semester:</i>	Hrs	<i>Spring Semester:</i>	Hrs
STEM 2010	3	STEM 2020	3
CPSC 2800	3	CPSC 2100	3
MATH 2200	3	MATH 2030 or 3030	3
Natural Science	3	Natural Science with Lab	4
FAH: Historical Understanding	3	FAH: Literature	3
	15		16
Third Year – 34 Hours			
Participate in study abroad, leadership opportunities, service learning, civic engagement, internships, research projects, and other learning opportunities.			
<i>Fall Semester:</i>	Hrs	<i>Spring Semester:</i>	Hrs
STEM 3010	3	STEM 3020	3
CPEN 3700	4	CPSC 3200	3
CPSC 3610 (FAH: Thought, Values and Beliefs)	3	MATH 3100 or ENCE 2220 (Statistics)	3
Approved CPSC or Tech Elective (3000-4000 Level)	3	Approved CPSC or Tech Elective (3000-4000 Level)	3
MATH 3000	3	FAH: Visual and Performing Arts	3
		Behavioral and Social Sciences	3
	16		18
Fourth Year – 33 Hours			
Complete your Graduation application with the Records Office.			
<i>Fall Semester:</i>	Hrs	<i>Spring Semester:</i>	Hrs
STEM 4010	3	STEM 4020	6
CPSC 4100	3	CPSC 4910 or 4995	3
CPEN 4700	3	Behavioral and Social Sciences	3
CPSC 4900	3	Non-Western Culture	3
MATH 4010	3		
EDUC 4170	3		
	18		15

*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 or PHYS 1030/1030L and PHYS 1040/1040L.

Completed:			
Graduation Requirements:	Hrs	Degree Requirements:	Hrs
130 Total Hours		24-25 General Education Hours	
39 Upper Division (3000-4000) Hours		106 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>)	