

**Computer Science: Scientific Applications, B.S.**

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

<b>First Year – 31-32 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	MATH 2200	3
Fine Arts	3	ENGL 1020	3
		Cultures and Civilizations I	3
	14-15		17
<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>
CPSC 2800	3	CPSC 2100	3
MATH 2450	3	MATH 2550	3
Cultures and Civilizations II	3	Cultures and Civilizations III	3
Behavioral and Social Sciences	3	Behavioral and Social Sciences	3
Natural Science with Lab Sequence	4	Natural Science with Lab Sequence	4
	16		16
<b>Third Year – 27-28 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>
CPEN 3700	3	CPSC 3200	3
CPSC 3100	3	CPSC 3610 (Humanities)	3
MATH 2030	3	MATH 3100 or 4110 or ENGR 2220 (Statistics)	3
MATH 4600	3	Approved CPSC Elective (3000-4000 Level)	3
Elective or MATH 4100	3	Elective	0-1
	15		12-13
<b>Fourth Year – 29 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>
CPSC 4900	3	CPSC 4910 or 4995	3
CPEN 4700	3	Approved CPSC Elective (3000-4000 Level)	3
Approved CPSC Elective (3000-4000 Level)	3	Science/Math/Engineering Elective (3000-4000 Level)	3
Science/Math/Engineering Elective (3000-4000 Level)	3	Approved Natural Science with Lab Sequence	4
Approved Natural Science with Lab Sequence	4		
	16		13

<b>Completed:</b>			
<b>Graduation Requirements:</b>	<b>Hrs</b>	<b>Degree Requirements:</b>	<b>Hrs</b>
120 Total Hours		32-33 General Education Hours	
39 Upper Division (3000-4000) Hours		84-87 Program (Major) Hours	
30 Hours at UTC		Minor ( <i>Not Required</i> )	
60 Hours at 4-year Institution		0-4 Elective Hours	
		Foreign Language ( <i>Not Required</i> )	