

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

2016-2017

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

First Year – 31-32 Hours			
<ul style="list-style-type: none"> Meet with Academic Advisor two times each semester. 			
<i>Fall Semester:</i>	Hrs	<i>Spring Semester:</i>	Hrs
CPSC 1000	3	CPSC 1110	4
CPSC 1100	4	ECON 1020 (Behavioral and Social Sciences)	3
MATH 1950 (Mathematics)	4	MATH 1960	4
ENGL 1010 or 1011	3-4	ENGL 1020 or HIST 2100	3
Behavioral and Social Sciences	3		
	17-18		14
Second Year – 32 Hours			
<ul style="list-style-type: none"> Using MyMocsDegree, create course plan for your remaining degree requirements. 			
<i>Fall Semester:</i>	Hrs	<i>Spring Semester:</i>	Hrs
CPSC 2800	3	CPSC 2100	3
MATH 2030 or 3030	3	MATH 3100 (Statistics)	3
Natural Science with Lab Sequence	4	MATH 2200	3
FAH: Historical Understanding	3	Natural Science with Lab Sequence	4
FAH: Literature	3	FAH: Visual and Performing Arts	3
	16		16
Third Year – 28 Hours			
<ul style="list-style-type: none"> 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
CPEN 3700	4	CPSC 3200	3
MGT 3110	3	MGT 3560	3
ESC 4650 or 4660	3	Approved Data Science Elective (3000-4000 Level)	3
CPSC 3610 (FAH: Thought, Values and Beliefs)	3	Approved Data Science Elective (3000-4000 Level)	3
		Approved Science or Math Elective	3
	13		15
Fourth Year – 28-29 Hours			
<ul style="list-style-type: none"> Complete your Graduation application with the Records Office. 			
<i>Fall Semester:</i>	Hrs	<i>Spring Semester:</i>	Hrs
CPSC 4900	3	CPSC 4910 or 4995	3
CPEN 4700	3	Approved Science or Math Elective	3
MGT 4280	3	Approved Data Science Elective (3000-4000 Level)	3
Approved Data Science Elective (3000-4000 Level)	3	Approved Data Science Elective (3000-4000 Level)	3
Elective	1-2	Non-Western Culture	3
	13-14		15

Completed:			
Graduation Requirements:	Hrs	Degree Requirements:	Hrs
120 Total Hours		29-30 General Education Hours	
39 Upper Division (3000-4000) Hours		89 Program (Major) Hours	
30 Hours at UTC		Minor (<i>Not Required</i>)	
60 Hours at 4-year Institution		1-2 Elective Hours	
		Foreign Language (<i>Not Required</i>)	