

## CLEAR PATH for ADVISING – *Physics: STEM Education, B.S.* 2015-2016

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

<b>First Year – 30-31 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>
STEM 1030	2	CHEM 1120/1120L (Natural Science)	4
CHEM 1110/1110L (Natural Science)	4	MATH 1960	4
MATH 1950 (Mathematics)	4	ENGL 1020 or HIST 2000	3
ENGL 1010 or 1011	3-4	Non-Western Culture	3
FAH: Historical Understanding	3		
	16-17		14
<b>Second Year – 32-33 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
PHYS 2300/2300L (Natural Science)	4	PHYS 2310/2310L (Natural Science)	4
ENGL 2820	3	PHYS 2320/2320L	4
MATH 2200	3	MATH 2450	3
Behavioral and Social Sciences	3	Elective	2-3
	16		17-18
<b>Third Year – 33 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
PHYS 3410/3410L	4	PHYS 3420/3420L	4
MATH 2550	3	PHYS 3990	3
PHYS/ASTR Elective (3000-4000 Level)	4	MATH 2100 (Statistics)	3
Behavioral and Social Sciences	3	FAH: Literature	3
	17		16
<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
PHYS 4110	3	PHYS 4000	1
PHYS 3980	3	PHYS/ASTR Elective (3000-4000 Level)	4
PHYS/ASTR Elective (3000-4000 Level)	4	FAH: Visual and Performing Arts	3
	13		14

<b>Completed:</b>			
<b>Graduation Requirements:</b>	<b>Hrs</b>	<b>Degree Requirements:</b>	<b>Hrs</b>
123 Total Hours		27-28 General Education Hours	
39 Upper Division (3000-4000) Hours		93 Program (Major) Hours	
30 Hours at UTC		Minor ( <i>Not Required</i> )	
60 Hours at 4-year Institution		2-3 Elective Hours	
		Foreign Language ( <i>Not Required</i> )	