

## CLEAR PATH for ADVISING – *Biology: STEM Education, B.S.* 2014-2015

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

<b>First Year – 30-32 Hours</b>			
<ul style="list-style-type: none"> <li>Meet with Academic Advisor two times each semester.</li> </ul>			
<i>Fall Semester:</i>	Hrs	<i>Spring Semester:</i>	Hrs
STEM 1030	2	BIOL 1120/1120L (Natural Science)	4
BIOL 1110/1110L (Natural Science)	4	CHEM 1120/1120L (Natural Science)	4
CHEM 1110/1110L (Natural Science)	4	MATH 1830 (or 1720 or 1730 or 1950)	3-4
MATH 1130 (or 1710 or 1720 or 1730) (Mathematics)	3-4	ENGL 1020 or HIST 2000	3
ENGL 1010 or 1011	3-4		
	16-18		14-15
<b>Second Year – 33-34 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>	Hrs	<i>Spring Semester:</i>	Hrs
STEM 2010	3	STEM 2020	3
BIOL 1130	3	BIOL 3250/3260	4
CHEM 3010/3010L	4	CHEM 3020/3020L	4
Elective (or MATH 1950)	3-4	BIOL 3350	3
Behavioral and Social Sciences	3	FAH: Historical Understanding	3
	16-17		17
<b>Third Year – 35 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>	Hrs	<i>Spring Semester:</i>	Hrs
STEM 3010 (FAH: Thought, Values and Beliefs)	3	STEM 3020	3
PHYS 1030/1030L or GEOL 1110/1110L (Natural Science)	4	PHYS 1040/1040L or GEOL 1120/1120L (Natural Science)	4
BIOL 3060/3070	4	Approved Zoology Survey Elective	4
MATH 2100 (Statistics)	3	Cell and Physiology Course/BIOL 4220	4
FAH: Literature	3	Non-Western Culture	3
	17		18
<b>Fourth Year – 25-26 Hours</b>			
<ul style="list-style-type: none"> <li>Complete your Graduation application with the Records Office.</li> </ul>			
<i>Fall Semester:</i>	Hrs	<i>Spring Semester:</i>	Hrs
STEM 4010	3	STEM 4020	6
Approved Botany Survey Elective	4	Behavioral and Social Sciences	3
Approved Advanced Ecology/Evolution Elective	3-4	FAH: Visual and Performing Arts	3
Biology Elective	3		
	13-14		12

<b>Completed:</b>			
<b>Graduation Requirements:</b>	<b>Hrs</b>	<b>Degree Requirements:</b>	<b>Hrs</b>
124 Total Hours		21-22 General Education Hours	
39 Upper Division (3000-4000) Hours		99-103 Program (Major) Hours	
30 Hours at UTC		Minor ( <i>Not Required</i> )	
60 Hours at 4-year Institution		0-4 Elective Hours	
40 Hours in Biology		Foreign Language ( <i>Not Required</i> )	