

# CLEAR PATH – Applied Mathematics: STEM Education, B.S. 2013-2014

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

<b>Freshman Year</b>			
<ul style="list-style-type: none"> <li>• Meet with Academic Advisor two times each semester.</li> <li>• Go to every class. Contact your instructor if you are absent.</li> <li>• Devote enough time to your studies and think about course materials and how they apply to your life.</li> <li>• Become actively involved in at least one co-curricular activity.</li> </ul>			
<i>Fall Semester:</i>	<b>Hrs</b>	<i>Spring Semester:</i>	<b>Hrs</b>
ENGL 1010	3	ENGL 1020	3
CPSC 1100	4	Humanities	3
MATH 1950	4	MATH 1960	4
Cultures and Civilizations I	3	MATH 2200	3
STEM 1010	1	PSY 1010	3
		STEM 1020	1
	15		17
<b>Sophomore Year</b>			
<ul style="list-style-type: none"> <li>• Confirm your academic major choice and know the requirements and career fields related to your major.</li> <li>• Using MyMocsDegree, create course plan for your remaining degree requirements.</li> <li>• Involve yourself in learning opportunities that are challenging and relevant.</li> </ul>			
<i>Fall Semester:</i>	<b>Hrs</b>	<i>Spring Semester:</i>	<b>Hrs</b>
MATH 2300	3	MATH 2560	4
MATH 2450	3	MATH 3000	3
Fine Arts	3	PHYS 2310/2310L	4
PHYS 2300/2300L	4	Behavioral and Social Sciences	3
STEM 2010	3	STEM 2020	3
	16		17
<b>Junior Year</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> <li>• Develop your job or graduate school strategy.</li> <li>• Update your graduation plan as necessary.</li> </ul>			
<i>Fall Semester:</i>	<b>Hrs</b>	<i>Spring Semester:</i>	<b>Hrs</b>
MATH 3250 or MATH 4200	3	MATH 4010	3
MATH 4100	3	MATH 4110	3
Elective	3	Elective	3
STEM 3010	3	Cultures and Civilizations III	3
Cultures and Civilizations II	3	STEM 3020	3
	15		15
<b>Senior Year</b>			
<ul style="list-style-type: none"> <li>• Participate in a capstone experience related to your field of study.</li> <li>• See additional learning activities aligned with your plans after graduation</li> <li>• Implement the job or graduate school strategy you developed during your junior year.</li> <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>
MATH 3510	3	MATH Elective	3
EDUC 4170	3	Elective	3
MATH Elective	3	STEM 4020	6
Elective	1		
STEM 4010	3		
	13		12