

CLEAR PATH – Physics: STEM Education, B.S.**2014-2015**Please see the [Courses](#) section of this catalog for complete course descriptions.

Freshman Year			
<ul style="list-style-type: none"> Meet with Academic Advisor two times each semester. Go to every class. Contact your instructor if you are absent. Devote enough time to your studies and think about course materials and how they apply to your life. Become actively involved in at least one co-curricular activity. Freshmen places into MATH 1950 or above during the fall semester should also take PHYS 2300 that semester and the Fine Arts and Humanities Subcategory in the Spring Semester of the Sophomore Year. 			
<i>Fall Semester:</i>	Hrs	<i>Spring Semester:</i>	Hrs
ENGL 1010	3	ENGL 1020	3
Fine Arts and Humanities Subcategory	3	Non-Western Culture	3
MATH 1950	4	MATH 1960	4
CHEM 1110	3	CHEM 1120	3
CHEM 1110L	1	CHEM 1120L	1
STEM 1010	1	STEM 1020	1
	15		15
Sophomore Year			
<ul style="list-style-type: none"> Confirm your academic major choice and know the requirements and career fields related to your major. Using MyMocsDegree, create course plan for your remaining degree requirements. Involve yourself in learning opportunities that are challenging and relevant. 			
<i>Fall Semester:</i>	Hrs	<i>Spring Semester:</i>	Hrs
ENGL 2820	3	PHYS 2310/2310L	4
Behavioral and Social Science	3	PHYS 2320/2320L	4
MATH 2200	3	Fine Arts and Humanities Subcategory	3
PHYS 2300/2300L	4	MATH 2450	3
STEM 2010	3	STEM 2020	3
	16		17
Junior Year			
<ul style="list-style-type: none"> Participate in study abroad, leadership opportunities, service learning, civic engagement, internships, research projects, and other learning opportunities. Develop your job or graduate school strategy. Update your graduation plan as necessary. 			
<i>Fall Semester:</i>	Hrs	<i>Spring Semester:</i>	Hrs
PHYS 3410/3410L	4	PHYS 3420/3420L	4
MATH 2550	3	PHYS 3990	3
Behavioral and Social Science	3	MATH 2100	3
PHYS/ASTR Elective at 3000-4000 level	4	Fine Arts and Humanities Subcategory	3
STEM 3010	3	STEM 3020	3
	17		16
Senior Year			
<ul style="list-style-type: none"> Participate in a capstone experience related to your field of study. See additional learning activities aligned with your plans after graduation. Implement the job or graduate school strategy you developed during your junior year. Complete your Graduation Application in the Records Office 			
<i>Fall Semester:</i>	Hrs	<i>Spring Semester:</i>	Hrs
PHYS/ASTR Elective at 3000-4000 level	4	PHYS/ASTR Elective 3000-4000 level	4
PHYS 4110	3	Fine Arts and Humanities Subcategory	3
PHYS 3980	3	PHYS 4000	1
STEM 4010	3	STEM 4020	6
	13		14