

CLEAR PATH – Computer Science: Scientific Applications, B.S. 2013-2014

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. 			
<i>Fall Semester:</i>	Hrs	<i>Spring Semester:</i>	Hrs
CPSC 1100	4	CPSC 1110	4
MATH 1950	4	MATH 1960	4
ENGL 1010	3	ENGL 1020	3
Natural Science	4	Natural Science	4
		MATH 2200	3
	15		18
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
CPSC 2800	3	CPSC 2100	3
Natural Science	4	Behavioral and Social Sciences	3
MATH 2450	3	MATH 2550	3
Cultures and Civilizations I	3	Natural Science	4
Behavioral and Social Sciences	3	Cultures and Civilizations II	3
	16		16
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
CPEN 3700	3	CPSC 3200	3
MATH 2030	3	CPSC 3000/4000 level elective	4
MATH 4600	3	CPSC 3610 (Humanities)	3
CPSC 3100	3	MATH 3100, 4110 or ENGR 2220	3
Fine Arts	3		
	15		13
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 with the Records Office. 			
<i>Fall Semester:</i>	Hrs	<i>Spring Semester:</i>	Hrs
CPSC 3000/4000 level elective	3	CPSC 3000/4000 Elective	3
CPSC 4900	3	CPSC 4910	3
CPEN 4700	3	Cultures and Civilizations III	3
3000/4000 science/Math/ENGR elective	3	3000/4000 science/Math/ENGR elective	3
Elective	3		
	15		12