

CLEAR PATH – Computer Science: Scientific Applications, 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. 			
<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
Fine Arts and Humanities Subcategory	3	Natural Science	4
Behavioral and Social Sciences	3	Fine Arts and Humanities Subcategory	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	3
CPSC 3100	3	MATH 3100 or 4130 or ENGR 2220	3
Fine Arts and Humanities Subcategory	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	Non-Western Culture	3
3000/4000 Science/Math/ENGR elective	3	3000/4000 Science/Math/ENGR elective	3
Elective	3		
	15		12