

FCC Curriculum Pathway

The Curriculum Pathway provides full-time students with a **suggested guide** for completing an Associate degree in two years (four semesters). Students who choose to take less than 15 credits per semester or who require Developmental English and/or Math will need additional semesters to complete their degrees. Taking classes in the Summer and/or January terms allow students to catch up and stay on target. **It is recommended all students meet with an Advisor each semester to carefully select and sequence courses based on their specific interests and needs.** Using the Curriculum Pathway along with the PeopleSoft Degree Plan allows students to track their progress towards graduation.

Major: STEM A.S. – Chemistry Concentration

Catalog Year: 2015

Students who complete the first 30 credits in the pathway are eligible to receive the Transfer Studies Certificate. (Students complete the necessary forms in the Welcome Center, J-101.)

Course Number	Course	Credit	Complete
First Year – First Semester			
EN 101	English Composition	3	
CORE	Mathematics General Education Elective MA 210 Calculus I	4	
CORE	Biological and Physical Sciences General Education Elective CH 101 General Chemistry I	4	
CORE	Biological and Physical Sciences General Education Elective	4	
		Total Credits:	15
First Year – Second Semester			
STEM Elective	CH 102 General Chemistry II	4	
CORE	Social & Behavioral Sciences General Education Elective	3	
MA 211	Calculus II	4	
STEM Elective	BI 101 or Other STEM Elective	3/4	
CORE	Arts General Education Elective	3	
		Total Credits:	17/18
Second Year – First Semester			
STEM Elective	CH 201 Organic Chemistry I	4	
STEM Elective	PY 203 Introductory of Physics I	4	
CORE	Humanities General Education Elective	3	
CORE	Communications General Education Elective	3	
		Total Credits:	14
Second Year – Second Semester			
STEM Elective	CH 202 Organic Chemistry II	4	
STEM Elective	MA 212 - Calculus III (strongly encouraged if transferring to a 4 year college)	3/4	
STEM Elective	Consult with an advisor or transfer school before selecting STEM elective	3/4	
CORE	Social & Behavioral Sciences General Education Elective	3	
	PE/Health Requirement	1/3	
		Total Credits:	14/17
Total Credits:			60

Students must complete their credit English and Mathematics within the first 24 credits.

General Education Electives can be taken in the semester that works best for the student's schedule. Students should consult with an advisor or transfer institution before selecting electives. www.artsys.usmd.edu