

## 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 Concentration**

**Catalog: 2015**

*Students who complete 30 credits and wish to transfer after one year of study should apply to receive the Transfer Studies Certificate. (Students complete the necessary forms in the Welcome Center, J-101.)*

Course Number	Course	Credit	Complete
<b>First Year – First Semester</b>			
EN 101	English Composition	3	
CORE	Mathematics General Education Elective MA 210 Calculus I (pre-req MA 111 or MA 130 and MA 131)	4	
CORE	Social & Behavioral Science General Education Elective	3	
CORE	Communications General Education Elective	3	
STEM Electives	Consult with an advisor before choosing your STEM electives	3/4	
		Total Credits	<b>16</b>
<b>First Year – Second Semester</b>			
CORE	Humanities General Education Elective	3	
CORE	Biological & Physical Sciences General Education Elective CH 101 General Chemistry	4	
MA 211	Calculus II	4	
STEM Electives	Consult with an advisor before choosing your STEM electives	4	
		Total Credits	<b>15</b>
<b>Second Year – First Semester</b>			
CORE	General Education Arts	3	
CORE	General Education Social & Behavioral Science	3	
CORE	Biological & Physical Science Lab General Education Elective	4	
STEM Electives	Consult with an advisor before choosing your STEM electives	4	
		Total Credits	<b>14</b>
<b>Second Year – Second Semester</b>			
STEM Electives	Consult with an advisor before choosing your STEM electives	14	
	PE/Health Requirement	1/3	
		Total Credits	<b>15</b>
<b>Total Credits:</b>			<b>60</b>

**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 are strongly recommended to consult an FCC advisor and to use ARTSYS, the Maryland Articulation System [www.artsys.usmd.edu](http://www.artsys.usmd.edu) to select elective courses needed for transfer based on their intended major at their four-year college/university.

Developmental courses must be completed prior to enrolling into college-level courses in the major. See an advisor for further information, if needed.

\_\_\_\_\_ Reading: EN51; EN52  
 \_\_\_\_\_ Writing: EN50; EN61  
 \_\_\_\_\_ Math: MA80, MA81, MA82 or MA85  
 \_\_\_\_\_ English as a Second Language:  
 ESL 99 & 95; or ESL 72 & 73