

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 Pathway

Catalog Year: 2016-2017

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	General Education CORE	3	
MA 210	Calculus I	General Education CORE	4	
CH 101	General Chemistry I	General Education CORE	4	
MA 214	Introduction to MatLab (recommended)	STEM Elective	1	
BI 101	General Biology	General Education CORE	4	
Total Credits:			16	
First Year – Second Semester				
CH 102	General Chemistry II	General Education STEM Elective	4	
	Social & Behavioral Sciences	General Education CORE	3	
MA 211	Calculus II	STEM Elective	4	
	Arts	General Education CORE	3	
Total Credits			14	
Second Year – First Semester				
CH 201	Organic Chemistry I	STEM Elective	4	
PY 203	Introductory Physics I	STEM Elective	4	
	Humanities	General Education CORE	3	
MA 212	Calculus III (recommended)	STEM Elective	4	
Total Credits			15	
Second Year – Second Semester				
CH 202	Organic Chemistry II	STEM Elective	4	
		STEM Elective	4 (5)	
	Communications	General Education CORE	3	
	Social & Behavioral Sciences	General Education CORE	3	
	PE/Health Requirement		1/3	
Total Credits			15/17	
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 are strongly recommended to consult an FCC advisor and to use ARTSYS, the Maryland Articulation System, 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