

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 - Biology

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	
MA 210	Calculus I	4	
CORE	Biological & Physical Sciences General Education Elective BI 101 General Biology (recommended)	4	
CORE	Biological & Physical Sciences General Education Elective CH 101 General Chemistry	4	
		Total Credits	15
First Year – Second Semester			
STEM Elective	BI 102 General Biology	4	
STEM Elective	CH 102 General Chemistry	4	
CORE	Communication General Education Elective	3	
CORE	Social Science General Education Elective	3	
MA 211	Calculus II	4	
		Total Credits	18
Second Year – First Semester			
STEM Elective	CH 201 Organic Chemistry I	4	
STEM Elective	PY 203 Introductory Physics I	4	
CORE	Humanities General Education Elective	3	
CORE	Social Science General Education Elective	3	
		Total Credits	14
Second Year – Second Semester			
STEM Elective	CH 202 Organic Chemistry II	4	
STEM Elective	BI 240 Genetics	4	
CORE	Arts General Education Elective	3	
	PE/Health Requirement	1-3	
STEM Elective	Select one course to meet minimum of 25 credits of STEM for graduation (BI 203 or BI 120 required for USG Articulation Agreement; see advisor)	1-4	
		Total Credits	13
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