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: Bioprocessing Technology A.A.S.   Catalog Year: Summer 2015-Spring 2017

Course Number	Course		Credit	Complete
First Year – First Semester				
EN 101	English Composition	General Education CORE	3	
	Mathematics	General Education CORE	3/4	
BI 101	General Biology	General Education CORE	4	
CH 101	General Chemistry		4	
		Total Credits	**14/15**	
First Year – Second Semester				
CH 102	General Chemistry	General Education CORE	4	
BI 120 or BI 203	Microbiology for Allied Health or Elements of Microbiology		4	
	Social and Behavioral Sciences	General Education CORE	3	
CIS 101	Information Systems and Technology	General Education CORE	3	
	PE/Health Requirement		1/3	
		Total Credits	**15/18**	
Second Year – First Semester				
BPM 102	Bioprocessing Environment		3	
BPM 103	Laboratory Techniques I		1	
BPM 110	Bioprocessing Measurements		4	
BI 140	Biotechnology and Society		3	
	Electives		4	
		Total Credits	**15**	
Second Year – Second Semester				
BI 220	Cell Biology and Tissue Culture		4	
BPM 214	Techniques in Bioproduction		4	
	INTR 103 or 200-level science or math		3	
Electives	Electives		2/3	
	Communications	General Education CORE	3	
		Total Credits	**16/17**	
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 I: EN51 or ESL70
_____ Reading II: EN52 or ESL72
_____ Writing I: EN50 or ESL71
_____ Writing II: EN50A or EN61 or ESL73
       Math: MA80. MA81. MA81B. MA82 or MA85