

Guided Pathway to Success (GPS)

Suggested schedules map your path to degree completion.

Full-time student: Follow the green semester blocks in order.

Part-time student: Follow the blue course sequence at your own pace.

Students should meet with an advisor each semester to carefully select and sequence courses based on their specific academic goals and interests. Visit Jefferson Hall or call 301.846.2471 (301.846.2625 TDD) for advising.

Students who take fewer than 15 credits each semester or who require developmental English or Math coursework will need additional semesters to complete their degrees. Summer and January term classes may help students to make faster progress.

General Education CORE courses can often be taken in any semester. One course must be designated as a Cultural Competence course. A minimum of nine credits must be taken at the 200 level. Refer to the college catalog for course details and the list of General Education and Cultural Competence classes. <http://www.frederick.edu/class-schedules.aspx#catalog>

Students are strongly recommended to consult an FCC advisor to select elective courses. Students planning to transfer may also reference ARTSYS, the Maryland Articulation System, www.artsys.usmd.edu.



Take this course within the first 24 credits.



Milestone course – take within recommend credit range to stay on track for completion.



This course is offered in the fall semester only.



This course is offered in the spring semester only.

1 Recommended First Semester

1	Gen Ed CORE	EN 101 English Composition		3 credits
2	Gen Ed CORE	MA 210 Calculus I (Prerequisite MA 111)*		4 credits
3	Gen Ed CORE	BI 101 Principles of Biology I		4 credits
4	Gen Ed CORE	CH 101 General Chemistry		4 credits

2 Recommended Second Semester

5	Gen Ed CORE	Communications Gen Ed		3 credits
6	Concentration	MA 211, or choose another elective in consultation with an advisor (PY 201 or PY 203 recommended; BI 203 or BI 120 required for University of Maryland – Shady Grove)		3/4 credits
7	Concentration	BI 102 Principles of Biology II		4 credits
8	Concentration	CH 102 General Chemistry		4 credits
9	PE/Health	PE/Health Requirement		1 credits

3 Recommended Third Semester

10	Gen Ed CORE	Social & Behavioral Sciences Gen Ed		3 credits
11	Gen Ed CORE	Humanities Gen Ed		3 credits
12	Concentration	CH 201 Organic Chemistry		4 credits
13	Gen Ed CORE	Social & Behavioral Sciences Gen Ed in a different discipline from the first		3 credits
14	Gen Ed CORE	Arts Gen Ed		3 credits

4 Recommended Fourth Semester

15	Concentration	BI 240 Genetics		4 credits
16	Concentration	CH 202 Organic Chemistry		4 credits
17	Gen Ed CORE	General Education Elective		3 credits
18	Concentration	Choose an elective in consultation with an advisor (PY 201 or PY 203 recommended; BI 203 or BI 120 required for University of Maryland – Shady Grove)		3/4 credits

*Students who have not taken MA 111 Precalculus should take it as an elective before starting the Calculus sequence.

The course rotation lists FCC's planned offerings by semester, as well as the format in which the course is available (day, evening, and/or online). This is an advising tool to help students anticipate when and how classes are offered. Please reference this document alongside the program pathway, and in consultation with a faculty or staff advisor. Be aware that while FCC will adhere to the rotation as closely as possible, the college cannot guarantee that all classes will be offered in the predicted times and formats. The schedule of courses in a given semester supersedes the rotation in the event of discrepancies.

Course #	Course Name	Summer 2018	Fall 2018	Jan Session 2019	Spring 2019	Summer 2019	Fall 2019	Jan Session 2020	Spring 2020
BI 55	Preparation for Allied Health	☀	☀ ☾		☀ ☾	☀	☀ ☾		☀ ☾
BI 100	Fundamental Concepts of Biology	☀ ☾	☀ ☾		☀ ☾	☀ ☾	☀ ☾		☀ ☾
BI 101	General Biology I	☀ ☾	☀ ☾		☀ ☾	☀ ☾	☀ ☾		☀ ☾
BI 102	General Biology II	☀	☀		☀	☀	☀		☀
BI 103	Anatomy and Physiology I	☀ ☾	☀ ☾		☀ ☾	☀ ☾	☀ ☾		☀ ☾
B 104	Anatomy and Physiology II	☀ ☾	☀ ☾		☀ ☾	☀ ☾	☀ ☾		☀ ☾
BI 107	Human Biology		☀		☀		☀		☀
BI 117	Study of the Human Body		☀ ☾ ➔		☀ ☾ ➔		☀ ☾ ➔		☀ ☾ ➔
BI 120	Microbiology for Allied Health	☀ ☾	☀ ☾		☀ ☾	☀ ☾	☀ ☾		☀ ☾
BI 130	Forensic Biology		☀ ☾ ➔		☀ ☾ ➔		☀ ☾ ➔		☀ ☾ ➔
BI 140	Biotechnology and Society	☀				☀			
BI 201	General Ecology		☀		☀		☀		☀

Course #	Course Name	Summer 2018	Fall 2018	Jan Session 2019	Spring 2019	Summer 2019	Fall 2019	Jan Session 2020	Spring 2020
BI 202	Human Ecology	☀	☀	☀	☀	☀	☀	☀	☀
BI 203	Elements of Microbiology		☀				☀		
BI 220	Cell Biology and Tissue Culture		☾		☾		☾		☾
BI 240	Genetics				☀				☀
CH 101	General Chemistry I	☀ ☾ ⚡	☀ ☾ ⚡		☀ ☾ ⚡	☀ ☾ ⚡	☀ ☾ ⚡		☀ ☾ ⚡
CH 102	General Chemistry II	☀ ☾	☀ ☾		☀ ☾	☀ ☾	☀ ☾		☀ ☾
CH 201	Organic Chemistry I	☀	☀ ☾		☀ ☾	☀	☀ ☾		☀ ☾
CH 202	Organic Chemistry II	☀	☀		☀	☀	☀		☀