

## 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](http://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	CIS 106 Object Design & Programming	✓	3 credits
2	Gen Ed CORE	EN 101 English Composition	🕒	3 credits
3	Gen Ed CORE	MA 206 Elementary Statistics	🕒	3 credits
4	Gen Ed CORE	Arts Gen Ed		3 credits
5	Gen Ed CORE	Social & Behavioral Sciences Gen Ed (In a discipline other than Economics)		3 credits

## 2 Recommended Second Semester

6	Concentration	CIS 201 Computer Science		4 credits
7	Concentration	ACCT 101 Principles of Accounting I	✓	3 credits
8	Gen Ed CORE	EC 201 Principles of Economics I	✓	3 credits
9	Concentration	MA 201 Applied Calculus or MA 210 Calculus*		3/4 credits
10	Gen Ed CORE	Biological & Physical Sciences Gen Ed		3 credits

## 3 Recommended Third Semester

11	Concentration	CIS 208 C++ Programming or CIS225A, CIS225B, CIS225C, CIS225D, or CIS225E		3 credits
12	Concentration	Principles of Accounting II OR Principles of Economics II		3 credits
13	Concentration	Elective – MA202, CIS111J, CIS111L, CIS111M, CIS140, CIS170, CIS179, CIS180, or any CIS 200-level course		3 credits
14	Gen Ed CORE	Communications Gen Ed		3 credits
15	Gen Ed CORE	Humanities Gen Ed		3 credits

## 4 Recommended Fourth Semester

16	Concentration	CIS 203 System Analysis & Design		3 credits
17	Concentration	Elective – MA202, CIS111J, CIS111L, CIS111M, CIS140, CIS170, CIS179, CIS180, or any CIS 200-level course		3 credits
18	Concentration	Elective – MA202, CIS111J, CIS111L, CIS111M, CIS140, CIS170, CIS179, CIS180, or any CIS 200-level course		3 credits
19	Gen Ed CORE	Biological/Physical Sciences Gen Ed (with a lab)		4 credits
20	PE/Health	PE/Health Requirement		1 credit

\* MA 210 Calculus has a prerequisite of MA 111 or both MA 130 and MA 131.