

# Associate of Science in Computer Science

Frederick Community College Suggested Transfer Pathway



Catalog Year 2021-2022

	FCC Course	Credits	Hood College <a href="#">B.S. Computer Science</a>	Stevenson University B.S. <a href="#">Computer Information Systems</a>	Frostburg State University <a href="#">B.S. Computer Science</a>	Univ of MD College Park – Shady Grove <a href="#">B.S. Information Science</a>
<b>Semester 1</b>	1 ENGL 101 English Composition	3	ENGL 101*	ENGL 101*	ENGL 101*	ENGL 101*
	2 Mathematics Gen Ed	3	MATH 165 or 185 (choose 185 if possible)	MATH 165 or 185 (choose 185 if possible)	MATH 165 or 185 (choose 185 if possible)	MATH 165 or 185 (choose 185 if possible)
	3 CMIS 106 Object Design & Programming	3	CMIS 106 (transfers as elective)	CMIS 106 (transfers as elective)	CMIS 106	CMIS 106
	4 Arts Gen Ed	3	Choose	Choose	Choose	Choose
	5 Social & Behavioral Sciences Gen Ed	3	Choose	ECON 201	Choose	PSYC 101
<b>Semester 2</b>	6 CMIS 201 Computer Science I	4	CMIS 201	CMIS 201 (transfers as elective)	CMIS 201	CMIS 201
	7 CMIS 222 Computer Organization	4	CMIS 222	CMIS 222	CMIS 222	CMIS 222
	8 MATH 185 Calculus I	4	MATH 185 or 285	MATH 185 or 120	MATH 185 or 195	MATH 185 or MATH 120
	9 Biological & Physical Sciences Gen Ed with a lab	4	BSCI 100 or 150, CHEM 100 or 101, or PHYS 121 or 151	Choose	BSCI 150 or CHEM 101	Choose
<b>Semester 3</b>	10 CMIS 202 Computer Science II	4	CMIS 202	CMIS 202 (transfers as elective)	CMIS 202	CMIS 202
	11 Any Math course	3	MATH 285 or 170	MATH 170	MATH 195 or 265	MATH 185 or MATH 120
	12 Any CMIS course	3	CMIS 208, 217, 218, 219, or 230	CMIS 208, 225A, or 225C	CMIS 111J, 111L, 113, 140, 281, 179, or 280	CMIS 111J, 111L, 113, 140, 281, 179, or 280
	13 Humanities Gen Ed	3	Choose	ENGL 102	Choose	Choose
	14 PE, Health, or Nutrition	1,3	Choose	Choose	Choose	Choose
<b>Semester 4</b>	15 Any CMIS course	3	CMIS 208, 217, 218, 219, or 230	CMIS 111J, 111L, 140, 179, or 230	CMIS 111J, 111L, 113, 140, 281, 179, or 280	CMIS 111J, 111L, 113, 140, 281, 179, or 280
	16 Any CMIS course	3	CMIS 208, 217, 218, 219, or 230	CMIS 111J, 111L, 140, 179, or 230	CMIS 111J, 111L, 113, 140, 281, 179, or 280	CMIS 111J, 111L, 113, 140, 281, 179, or 280
	17 Biological & Physical Sciences Gen Ed	3	BSCI 160, CHEM 102, or PHYS 122 or 252	Choose	BSCI 160, CHEM 102, or PHYS 151	Choose
	18 Social & Behavioral Science Gen Ed (different discipline from first)	3	Choose	Choose	Choose	Choose
	19 Communications Gen Ed	3	Choose	Choose	COMM 103	Choose

**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. This suggested pathway is a guide, not a contract, to be used in consultation with an advisor, the FCC catalog, and [ARTSYS](#), the state-wide transfer system. See reverse for more information.

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## Pathway Notes

\*students must earn a grade of “C” or better in courses with an asterisk

**University of Maryland College Park** offers a B.S. Computer Science as a competitive, Limited Enrollment Program. Although FCC General Education courses will transfer, FCC Computer Science classes may transfer as electives instead of program courses, potentially extending the length of time it takes to earn a Bachelor’s degree. Information on the transfer application and admission process can be found [here](#); see an advisor for more information.

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 ([frederick.edu/class-schedules](http://frederick.edu/class-schedules)) for course details and the list of General Education and Cultural Competence classes.

## Advising

Students should meet with an advisor each semester to carefully select and sequence courses based on their specific academic goals and interests.

The Counseling & Advising Office offers general advice: [emailadvising@frederick.edu](mailto:emailadvising@frederick.edu) • 301.846.2471 • [frederick.edu/advising](http://frederick.edu/advising)

Program managers offer specific academic area advice: [frederick.edu/programs](http://frederick.edu/programs)

## Reverse Transfer

FCC students who transfer to another school may transfer credits *back to FCC* from that school to fulfill FCC associate degree requirements. Visit [frederick.edu/credit-admissions/reverse-transfer](http://frederick.edu/credit-admissions/reverse-transfer) or contact an advisor for more information.