

Biology Area of Concentration, A.S. STEM

Frederick Community College Suggested Transfer Pathway



Catalog Year 2018-2019

	FCC Course	Credits	University of Maryland College Park General Biology	UMD at Shady Grove B.S. Biological Sciences	Towson Cell & Molecular Bio Concentration	Mount St. Mary's B.S. Biology	Hood College B.A. Biology
Semester 1	1 EN 101 English Composition	3	EN 101*	EN 101*	EN 101*	EN 101*	EN 101*
	2 MA 210 Calculus I (Prerequisite MA 111)	4	MA 210*	MA 210	MA 210	MA 210*	MA 210
	3 BI 101 Principles of Biology I	4	BI 101*	BI 101*	BI 101*	BI 101*	BI 101
	4 CH 101 General Chemistry	4	CH 101*	CH 101*	CH 101*	CH 101*	CH 101
Semester 2	5 Communications Gen Ed	3	CMSP Gen Ed	CMSP Gen Ed	Choose	Choose*	Choose
	6 MA 211, or choose another elective in consultation with an advisor	4	MA 211*	MA 211*	Ask advisor	Ask advisor*	MA 211
	7 BI 102 Principles of Biology II	4	BI 102*	BI 102*	BI 102*	BI 102*	BI 102
	8 CH 102 General Chemistry	4	CH 102*	CH 102*	CH 102*	CH 102*	CH 102
Semester 3	9 Gen Ed Elective	3	PY 203*	BI 203	PY 201 or PY 203*	CIS 106*	MA 206
	10 Humanities Gen Ed	3	Choose	Choose	PH 205, 207, 208, or 210	PH 101*	World Language 101 or 102
	11 CH 201 Organic Chemistry	4	CH 201*	CH 201*	CH 201*	CH 201*	CH 201
	12 Social & Behavioral Sciences Gen Ed	3	Choose	Choose	Choose	HI 201 or 202*	GG 101 or 102
	13 Arts Gen Ed	3	Choose	Choose	Choose	Choose*	Choose
Semester 4	15 BI 240 Genetics	4	BI 240*	BI 240	BI 240*	BI 240*	BI 240
	16 CH 202 Organic Chemistry	4	CH 202*	CH 202*	CH 202*	CH 202*	CH 202
	17 Social & Behavioral Science Gen Ed in a different discipline from the first	3	Choose	Choose	Choose	Choose*	Choose
	18 Choose an elective in consultation with an advisor	3/4	PY 204*	Choose	PY 202 or PY 204*	Choose*	PY 201 or 203

Important Notes: The schools represented here are only a small sample of transfer options. Information is subject to change, and this suggested pathway is a guide, not a contract. Students should use this in consultation with an FCC advisor, the FCC catalog, [ARTSYS](#) (the state-wide online transfer system), and an advisor at the transfer institution. See the “Pathway Notes” section for more detailed information.

Full-time student: Follow the green semester blocks in order. **Part-time student:** Follow the blue course sequence at your own pace.

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Pathway Notes

* must earn a grade of "C" or higher in this course

Transfer Institution Information

University of Maryland College Park offers a degree in General Biology or a degree in Biological Sciences with specializations in Cell Biology & Genetics, Ecology & Evolution, Microbiology, and Individualized Studies. The Biology program is a Limited Enrollment Program and requires a grade of "C" or better in gateway courses (BI 101 and 102, CH 101 and 102, CH 201 and 202) and a minimum GPA of 2.7. Only one gateway course can be repeated to earn the required grade (audits and withdrawals are considered an attempt).

Towson University offers concentrations in Cell & Molecular Biology, Functional Biology of Animals, Organismal Biology & Ecology, and Biology Secondary Education.

Mount St. Mary's University offers a B.S. in Biology and a minor in Biology. Only courses with a grade of "C" or better will be accepted in transfer.

Hood College offers a Bachelor of Arts in Biology or Environmental Science & Policy.

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 • 301.846.2471 • frederick.edu/advising

Program managers offer specific academic area advice: frederick.edu/programs

Completing the Pathway

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) for course details and the list of General Education and Cultural Competence classes.

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 or contact an advisor for more information.