

Chemistry Area of Concentration, A.S. STEM

Frederick Community College Suggested Transfer Pathway



Catalog Year 2018-2019

	FCC Course	Credits	University of Maryland College Park B.S. Chemistry	Towson Chemistry Major	Mount St. Mary's B.S. Chemistry	Hood College B.A. Chemistry
Semester 1	1 EN 101 English Composition	3	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*
	3 CH 101 General Chemistry	4	CH 101*	CH 101	CH 101*	CH 101*
	4 Humanities Gen Ed	3	Choose	PH 205, 207, 208, or 210	PH 101	World Language 101 or 102
	5 PE/Health Requirement	1/3	Choose	Choose	Choose	Choose
Semester 2	6 Arts Gen Ed	3	Choose	Choose	Choose	Choose
	7 BI 101 Principles of Biology I	4	BI 101*	BI 101 (transfers as elective)	BI 101*	BI 101*
	8 CH 102 General Chemistry	4	CH 102*	CH 102	CH 102*	CH 102*
	9 MA 211 Calculus II	4	MA 211*	MA 211	MA 211	MA 211*
Semester 3	10 Communications Gen Ed	3	CMSP Gen Ed	Choose	Choose	Choose
	11 CH 201 Organic Chemistry	4	CH 201*	CH 201	CH 201*	CH 201*
	12 PY 203 Introductory Physics I	4	PY 203*	PY 203	PY 203	PY 203*
	13 Choose an elective in consultation with an advisor	3	MA 212 (recommended)	Choose	Choose	World Language 102
	14 Social & Behavioral Sciences Gen Ed	3	Choose	Choose	HI 201 or 202	GG 101 or 102
Semester 4	15 Gen Ed Elective	3	PY 204*	PY 204	PY 204	PY 204*
	16 Choose an elective in consultation with an advisor	3	Choose	Choose	Choose	Choose
	17 Social & Behavioral Sciences in a different discipline from the first	3	Choose	Choose	Choose	Choose
	18 CH 202 Organic Chemistry	4	CH 202*	CH 202	CH 202*	CH 202*

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.

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.

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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's Chemistry program is a Limited Enrollment Program. Students must earn a grade of "C" or better in gateway courses (MA 210, MA 211, CH 101, CH 201) and a "C" or better in all courses is required for the major.

Hood Students who transfer to Hood College with a completed A.A. will have met Hood's lower level general education core requirements, and will not need to take World Languages.

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.