

A.S. Science / B.A. Chemistry - All Concentrations Pathway **2021-2022** 

## A.S Science

## **ADVANCE Program Milestones**

ADVANCE Milestone Requirements: All ADVANCE students must adhere to the following requirements. For Milestones #1-#3, failure to meet these milestones will prevent a student from matriculating to Mason and/or result in termination from ADVANCE. For Milestones #4-#6, failure to meet these milestones may delay matriculation to Mason.

1. Students must complete their NOVA degree within 4 years of being admitted into ADVANCE. Students are <u>highly encouraged</u> to be continuously enrolled at NOVA/Mason to support progress towards degree completion.

2. Students must maintain a minimum 2.5 cumulative GPA at NOVA and must have a minimum 2.5 GPA upon matriculation to Mason.

 Students who wish to enroll at Mason for the fall semester must apply for NOVA graduation by March 1 for spring graduation or June 1 for summer graduation. Students who wish to enroll at Mason for the spring semester must apply for NOVA graduation by October 1 for winter graduation.
 Students must begin developmental coursework in no later than the first semester in ADVANCE at NOVA.

5. Students must take first college-level MTH course and ENG 111 in the semester immediately following the completion of any MDE or EDE courses (excluding summer).

6. In the first 30 credits, students must:

- a. Complete ENG 111 and ENG 112 with a C or better.
- b. Complete the first college-level MTH course with a C or better.

Program Notes: Students in the B.A. Chemistry program can choose between a Biochemistry Concentration or No Concentration. Students may wish to speak with a Mason Chemistry advisor to help select the appropriate concentration: chem@gmu.edu.

	NOVA DEGREE REQUIREMENT	Credits	Courses	MASON TRANSFER EQUIVALENT	MASON CORE/DEGREE EQUIVALENT
1	SDV Course	1	SDV 100 College Success Skills OR	UNIV 100	General Elective
1		1	SDV 101 Orientation to XXX		General Liective
2	ENG 111	3	ENG 111 College Composition I	ENGH 101	Written Comm
3	ITE 115 or ITE 119 or General Education Elective	4	CHM 111 General Chemistry I	CHEM 211-213	Major
4	MTH 167	5	MTH 167 Pre-Calculus with Trigonometry	MATH 105	General Elective
5	MTH 263	4	MTH 263 Calculus I	MATH 113	Quantitative
6	ENG 112	3	ENG 112 College Composition II	ENGH XXX	General Elective
7	MTH 264	4	MTH 264 Calculus II	MATH 114	General Elective
8	Science Course #1	4	CHM 112 General Chemistry II	CHEM 212-214	Major
9	Social/Behavioral Sciences #1	3	ECO 201 Principles of Macroeconomics OR ECO 202 Principles of Microeconomics OR GEO 210 Introduction to Cultural Geography OR HIS 121 United States History I OR HIS 122 United States History II OR PLS 135 American National Politics OR PSY 200 Principles of Psychology OR SOC 200 Principles of Sociology OR SOC 211 Principles of Anthropology I	ECON 104 ECON 103 GGS 103 HIST 121 HIST 122 GOVT 103 PSYC 100 PSYC 211 SOCI 101 ANTH 114	Soc/Behav
10	HIS Course	3	HIS 101 History of Western Civilization I <b>OR</b> HIS 102 History of Western Civilization II <b>OR</b> HIS 112 History of World Civilization II	HIST 101 HIST 102 HIST 125	Western Civ
11	Humanities/Fine Arts #1	3	ART 100 Art Appreciation <b>OR</b> ART 101 History and Appreciation of Art I <b>OR</b> ART 102 History and Appreciation of Art II <b>OR</b> CST 130 Introduction to Theatre <b>OR</b> CST 151 Film Appreciation I <b>OR</b> MUS 121 Music Appreciation I	ARTH 101 ARTH 200 ARTH 201 THR 101 ENGH L372 MUSI 101	Arts
12	Math or Science #1	4	BIO 101 General Biology I	BIOL 103/105	Nat Science

		Biochemistry Concentration:		
		PHY 201 General College Physics I	PHYS 243-244	
13 Math or Science #2	4-5	No Concentration:	PHYS 243-244	Nat Science
		PHY 201 General College Physics I <b>OR</b>	PHYS 160-161-266	
		PHY 231 General University Physics I		
Social/Behavioral Sciences #2		GEO 220 World Regional Geography <b>OR</b>	GGS 101	Global & COS
4 (Must select discipline different	3	PLS 140 Introduction to Comparative Politics <b>OR</b>	GOVT 133	Soc/Behav
from Soc/Behav above)		PLS 241 International Relations I	GOVT 132	Socy Denav
5 CST Course	3	CST 100 Principles of Public Speaking <b>OR</b>	COMM 100	Oral Comm
	5	CST 110 Introduction to Communication	COMM 101	
		ENG 236 Introduction to the Short Story <b>OR</b>		
		ENG 241 Survey of American Literature I OR		
6 Humanities/Fine Arts #2	3	ENG 242 Survey of American Literature II OR	ENGH 202	Literature
	5	ENG 251 Survey of World Literature I <b>OR</b>		Eliciature
		ENG 252 Survey of World Literature II <b>OR</b>		
		ENG 253 Survey of African-American Literature I		
		Biochemistry Concentration:		
		PHY 202 General College Physics I	PHYS 245-246	
.7 Math or Science #3	4-5	No Concentration:	PHYS 245-246	Major
		PHY 202 General College Physics I <b>OR</b>	PHYS 260-261-XXX	
		PHY 232 General University Physics I		
8 Science Course #2	4	BIO 206 Cell Biology	BIOL 213	Major
A.S. SCIENCE DEGREE TOTAL	62-64			
For academic policies and proc	cedures, pl	lease see NOVA catalog - http://www.nvcc.edu/catalog/index.htn	nl	
	Сог	ncentrations: Biochemistry Concentration or No Concentrati	on.	
B.A. Chemistry MASON DEGREE REQUIREMENT	Cor	ncentrations: Biochemistry Concentration or No Concentrati Course	on.	MASON CORE/DEGREE
<b>3.A. Chemistry</b> MASON DEGREE		Course	on.	
B.A. Chemistry MASON DEGREE REQUIREMENT		· · · · · · · · · · · · · · · · · · ·	on.	CORE/DEGREE
B.A. Chemistry MASON DEGREE REQUIREMENT	Credits	Course CHEM 313 Organic Chemistry I AND CHEM 315 Organic Chemistry Lab I	on.	CORE/DEGREE EQUIVALENT Major
3.A. Chemistry MASON DEGREE REQUIREMENT 9 Chemistry Courses College Requirement:	Credits	Course CHEM 313 Organic Chemistry I AND CHEM 315 Organic Chemistry Lab I Approved Phil/Reli & Non-Western Course (Upper-level See:	on.	CORE/DEGREE EQUIVALENT Major COS Phil/Rel &
3.A. Chemistry MASON DEGREE REQUIREMENT	Credits	Course CHEM 313 Organic Chemistry I AND CHEM 315 Organic Chemistry Lab I Approved Phil/Reli & Non-Western Course (Upper-level See: Advisor)	on.	CORE/DEGREE EQUIVALENT Major
B.A. Chemistry MASON DEGREE REQUIREMENT	Credits	Course CHEM 313 Organic Chemistry I AND CHEM 315 Organic Chemistry Lab I Approved Phil/Reli & Non-Western Course (Upper-level See: Advisor) No Concentration:	on.	CORE/DEGREE EQUIVALENT Major COS Phil/Rel &
3.A. Chemistry MASON DEGREE REQUIREMENT 19 Chemistry Courses College Requirement: 20 Phil/Reli & Non-Western Course	Credits 5 3	Course CHEM 313 Organic Chemistry I AND CHEM 315 Organic Chemistry Lab I Approved Phil/Reli & Non-Western Course (Upper-level See: Advisor) No Concentration: MATH 213 Analytical Geometry and Calculus III	on.	CORE/DEGREE EQUIVALENT Major COS Phil/Rel & Non-Western
3.A. Chemistry MASON DEGREE REQUIREMENT 19 Chemistry Courses College Requirement: 20 Phil/Reli & Non-Western Course	Credits	Course CHEM 313 Organic Chemistry I AND CHEM 315 Organic Chemistry Lab I Approved Phil/Reli & Non-Western Course (Upper-level See: Advisor) No Concentration: MATH 213 Analytical Geometry and Calculus III Biochemistry Concentration:	on.	CORE/DEGREE EQUIVALENT Major COS Phil/Rel &
B.A. Chemistry MASON DEGREE REQUIREMENT	Credits 5 3	Course CHEM 313 Organic Chemistry I AND CHEM 315 Organic Chemistry Lab I Approved Phil/Reli & Non-Western Course (Upper-level See: Advisor) No Concentration: MATH 213 Analytical Geometry and Calculus III	on.	CORE/DEGREE EQUIVALENT Major COS Phil/Rel & Non-Western
3.A. Chemistry MASON DEGREE REQUIREMENT 19 Chemistry Courses College Requirement: 20 Phil/Reli & Non-Western Course 21 Mathematics Courses	Credits 5 3	Course CHEM 313 Organic Chemistry I AND CHEM 315 Organic Chemistry Lab I Approved Phil/Reli & Non-Western Course (Upper-level See: Advisor) No Concentration: MATH 213 Analytical Geometry and Calculus III Biochemistry Concentration: STAT 250 Statistics I	on.	CORE/DEGREE EQUIVALENT Major COS Phil/Rel & Non-Western
A. Chemistry MASON DEGREE REQUIREMENT Chemistry Courses College Requirement: Phil/Reli & Non-Western Course Mathematics Courses College Requirement: Course College Requirement:	Credits 5 3	Course CHEM 313 Organic Chemistry I AND CHEM 315 Organic Chemistry Lab I Approved Phil/Reli & Non-Western Course (Upper-level See: Advisor) No Concentration: MATH 213 Analytical Geometry and Calculus III Biochemistry Concentration: STAT 250 Statistics I Approved foreign language course <sup>1</sup>	on.	CORE/DEGREE EQUIVALENT Major COS Phil/Rel & Non-Western
A. Chemistry     MASON DEGREE     REQUIREMENT     College Requirement:     Phil/Reli & Non-Western     Course     Mathematics Courses     College Requirement:	Credits 5 3 3	Course CHEM 313 Organic Chemistry I AND CHEM 315 Organic Chemistry Lab I Approved Phil/Reli & Non-Western Course (Upper-level See: Advisor) No Concentration: MATH 213 Analytical Geometry and Calculus III Biochemistry Concentration: STAT 250 Statistics I	on.	CORE/DEGREE EQUIVALENT Major COS Phil/Rel & Non-Western Major
A. Chemistry MASON DEGREE REQUIREMENT  College Requirement: Phil/Reli & Non-Western Course Mathematics Courses College Requirement: Foreign Language Gen Ed: Written	Credits 5 3 3	Course CHEM 313 Organic Chemistry I AND CHEM 315 Organic Chemistry Lab I Approved Phil/Reli & Non-Western Course (Upper-level See: Advisor) No Concentration: MATH 213 Analytical Geometry and Calculus III Biochemistry Concentration: STAT 250 Statistics I Approved foreign language course <sup>1</sup> Students may opt to take a two course, 101/102 sequence if	on.	CORE/DEGREE EQUIVALENT Major COS Phil/Rel & Non-Western Major
A. Chemistry     MASON DEGREE     REQUIREMENT     College Requirement:     Phil/Reli & Non-Western     Course     Mathematics Courses     College Requirement:     Foreign Language     Gen Ed: Written	<b>Credits</b> 5 3 3 6	Course CHEM 313 Organic Chemistry I AND CHEM 315 Organic Chemistry Lab I Approved Phil/Reli & Non-Western Course (Upper-level See: Advisor) No Concentration: MATH 213 Analytical Geometry and Calculus III Biochemistry Concentration: STAT 250 Statistics I Approved foreign language course <sup>1</sup> Students may opt to take a two course, 101/102 sequence if available	on.	CORE/DEGREE EQUIVALENT Major COS Phil/Rel & Non-Western Major Major
B.A. Chemistry         MASON DEGREE         REQUIREMENT         19       Chemistry Courses         College Requirement:         20       Phil/Reli & Non-Western         Course         21       Mathematics Courses         22       College Requirement:         23       Gen Ed: Written         23       Gen Ed: Written	<b>Credits</b> 5 3 3 6	Course         CHEM 313 Organic Chemistry I AND         CHEM 315 Organic Chemistry Lab I         Approved Phil/Reli & Non-Western Course (Upper-level See:         Advisor)       Aoto Concentration:         MATH 213 Analytical Geometry and Calculus III       Biochemistry Concentration:         STAT 250 Statistics I       Approved foreign language course <sup>1</sup> Students may opt to take a two course, 101/102 sequence if available       ENGH 302 Advanced Composition         CHEM 321 Elementary Quantitative Analysis       CHEM 321 Elementary Quantitative Analysis	on.	CORE/DEGREE EQUIVALENT Major COS Phil/Rel & Non-Western Major Major
B.A. Chemistry         MASON DEGREE         REQUIREMENT         9       Chemistry Courses         College Requirement:         Phil/Reli & Non-Western         Course         21         Mathematics Courses         22         College Requirement:         Foreign Language         23         Gen Ed: Written         Communication (Upper-level)         24	Credits 5 3 3 6 3	Course CHEM 313 Organic Chemistry I AND CHEM 315 Organic Chemistry Lab I Approved Phil/Reli & Non-Western Course (Upper-level See: Advisor) No Concentration: MATH 213 Analytical Geometry and Calculus III Biochemistry Concentration: STAT 250 Statistics I Approved foreign language course <sup>1</sup> Students may opt to take a two course, 101/102 sequence if available ENGH 302 Advanced Composition CHEM 321 Elementary Quantitative Analysis CHEM 314 Organic Chemistry II AND	on.	CORE/DEGREE EQUIVALENT Major COS Phil/Rel & Non-Western Major Major Written Comm
B.A. Chemistry         MASON DEGREE         REQUIREMENT         9       Chemistry Courses         College Requirement:         Phil/Reli & Non-Western         Course         11         Mathematics Courses         12         College Requirement:         Foreign Language         13         Gen Ed: Written         Communication (Upper-level)         24         Chemistry Courses         25         Chemistry Courses         26	Credits 5 3 3 6 3 4	Course         CHEM 313 Organic Chemistry I AND         CHEM 315 Organic Chemistry Lab I         Approved Phil/Reli & Non-Western Course (Upper-level See:         Advisor)       Aoto Concentration:         MATH 213 Analytical Geometry and Calculus III       Biochemistry Concentration:         STAT 250 Statistics I       Approved foreign language course <sup>1</sup> Students may opt to take a two course, 101/102 sequence if available       ENGH 302 Advanced Composition         CHEM 321 Elementary Quantitative Analysis       CHEM 321 Elementary Quantitative Analysis	on.	CORE/DEGREE EQUIVALENT Major COS Phil/Rel & Non-Western Major Major Written Comm Major
B.A. Chemistry         MASON DEGREE         REQUIREMENT         9       Chemistry Courses         College Requirement:         Phil/Reli & Non-Western         Course         21         Mathematics Courses         22         College Requirement:         Foreign Language         33         Gen Ed: Written         Communication (Upper-level)         24         Chemistry Courses         25         College Requirement:	Credits 5 3 3 6 3 4 5	Course         CHEM 313 Organic Chemistry I AND         CHEM 315 Organic Chemistry Lab I         Approved Phil/Reli & Non-Western Course (Upper-level See:         Advisor)         No Concentration:         MATH 213 Analytical Geometry and Calculus III         Biochemistry Concentration:         STAT 250 Statistics I         Approved foreign language course <sup>1</sup> Students may opt to take a two course, 101/102 sequence if available         ENGH 302 Advanced Composition         CHEM 321 Elementary Quantitative Analysis         CHEM 314 Organic Chemistry II AND         CHEM 318 Organic Chemistry Lab II         Approved foreign language course <sup>1</sup>		CORE/DEGREE EQUIVALENT Major COS Phil/Rel & Non-Western Major Major Written Comm Major Major Major
B.A. Chemistry         MASON DEGREE         REQUIREMENT         19       Chemistry Courses         College Requirement:         Phil/Reli & Non-Western         Course         21         Mathematics Courses         22         College Requirement:         Foreign Language         23         Gen Ed: Written         Communication (Upper-level)         24         Chemistry Courses         25         Chemistry Courses         26         College Requirement:         Foreign Language	Credits 5 3 3 6 3 4 5	Course         CHEM 313 Organic Chemistry I AND         CHEM 315 Organic Chemistry Lab I         Approved Phil/Reli & Non-Western Course (Upper-level See:         Advisor)         No Concentration:         MATH 213 Analytical Geometry and Calculus III         Biochemistry Concentration:         STAT 250 Statistics I         Approved foreign language course <sup>1</sup> Students may opt to take a two course, 101/102 sequence if available         ENGH 302 Advanced Composition         CHEM 314 Organic Chemistry II AND         CHEM 318 Organic Chemistry Lab II	CHEM 331: Fall	CORE/DEGREE EQUIVALENT Major COS Phil/Rel & Non-Western Major Major Written Comm Major Major Major
B.A. Chemistry         MASON DEGREE REQUIREMENT         19       Chemistry Courses         College Requirement: Phil/Reli & Non-Western Course         20       Mathematics Courses         21       Mathematics Courses         22       College Requirement: Foreign Language         23       Gen Ed: Written Communication (Upper-level)         24       Chemistry Courses         25       Chemistry Courses         26       College Requirement: Foreign Language	Credits 5 3 3 6 3 4 5 3 3 3 4 5 3 3 3 4 5 3 3 3 4 5 3 3 3 5 3 3 3 5 5 5 3 3 5 5 5 5	Course         CHEM 313 Organic Chemistry I AND         CHEM 315 Organic Chemistry Lab I         Approved Phil/Reli & Non-Western Course (Upper-level See:         Advisor)         No Concentration:         MATH 213 Analytical Geometry and Calculus III         Biochemistry Concentration:         STAT 250 Statistics I         Approved foreign language course <sup>1</sup> Students may opt to take a two course, 101/102 sequence if available         ENGH 302 Advanced Composition         CHEM 314 Organic Chemistry II AND         CHEM 314 Organic Chemistry Lab II         Approved foreign language course <sup>1</sup> CHEM 318 Organic Chemistry Lab II         Approved foreign language course <sup>1</sup>		CORE/DEGREE EQUIVALENT Major COS Phil/Rel & Non-Western Major Written Comm Major Major Major Major
B.A. Chemistry         MASON DEGREE         REQUIREMENT         19       Chemistry Courses         College Requirement:         Phil/Reli & Non-Western         Course         21         Mathematics Courses         22         College Requirement:         Foreign Language         23         Gen Ed: Written         Communication (Upper-level)         24         Chemistry Courses         25         Chemistry Courses         26         College Requirement:         Foreign Language	Credits 5 3 3 6 3 4 5 3 3 3 4 5 3 3 3 4 5 3 3 3 4 5 3 3 3 5 3 3 3 5 5 5 3 3 5 5 5 5	Course         CHEM 313 Organic Chemistry I AND         CHEM 315 Organic Chemistry Lab I         Approved Phil/Reli & Non-Western Course (Upper-level See:         Advisor)       No Concentration:         MATH 213 Analytical Geometry and Calculus III       Biochemistry Concentration:         STAT 250 Statistics I       Approved foreign language course <sup>1</sup> Students may opt to take a two course, 101/102 sequence if available       ENGH 302 Advanced Composition         CHEM 321 Elementary Quantitative Analysis       CHEM 314 Organic Chemistry II AND         CHEM 318 Organic Chemistry Lab II       Approved foreign language course <sup>1</sup> Approved foreign Language course <sup>1</sup> No Concentration:	CHEM 331: Fall	CORE/DEGREE EQUIVALENT Major COS Phil/Rel & Non-Western Major Major Written Comm Major Major Major
B.A. Chemistry         MASON DEGREE         REQUIREMENT         19       Chemistry Courses         College Requirement:         Phil/Reli & Non-Western         Course         21         Mathematics Courses         22         College Requirement:         Foreign Language         23         Gen Ed: Written         Communication (Upper-level)         24         Chemistry Courses         25         Chemistry Courses         26	Credits 5 3 3 6 3 4 5 3 3 3 4 5 3 3 3 4 5 3 3 3 4 5 3 3 3 5 3 3 3 5 5 5 3 3 5 5 5 5	Course         CHEM 313 Organic Chemistry I AND CHEM 315 Organic Chemistry Lab I         Approved Phil/Reli & Non-Western Course (Upper-level See: Advisor)         No Concentration: MATH 213 Analytical Geometry and Calculus III Biochemistry Concentration: STAT 250 Statistics I         Approved foreign language course <sup>1</sup> Students may opt to take a two course, 101/102 sequence if available         ENGH 302 Advanced Composition         CHEM 321 Elementary Quantitative Analysis         CHEM 314 Organic Chemistry II AND CHEM 318 Organic Chemistry Lab II         Approved foreign language course <sup>1</sup> CHEM 314 Physical Chemistry Lab II         Approved foreign language course <sup>1</sup> CHEM 318 Organic Chemistry Lab II         Approved foreign language course <sup>1</sup> CHEM 331 Physical Chemistry Lab I         Approved foreign language course <sup>1</sup> CHEM 331 Physical Chemistry Lab I         Approved foreign language course <sup>1</sup> CHEM 331 Physical Chemistry Lab I         Approved foreign language course <sup>1</sup> CHEM 331 Physical Chemistry Lab I         No Concentration: Any 5 credits of electives in CHEM (Upper-level See: Advisor)	CHEM 331: Fall	CORE/DEGREE EQUIVALENT Major COS Phil/Rel & Non-Western Major Major Written Comm Major Major
B.A. Chemistry         MASON DEGREE REQUIREMENT         19       Chemistry Courses         College Requirement: Phil/Reli & Non-Western Course         20       Mathematics Courses         21       Mathematics Courses         22       College Requirement: Foreign Language         23       Gen Ed: Written Communication (Upper-level)         24       Chemistry Courses         25       Chemistry Courses         26       College Requirement: Foreign Language         27       Chemistry Courses	Credits 5 3 3 6 3 4 5 3 3 5	Course         CHEM 313 Organic Chemistry I AND         CHEM 315 Organic Chemistry Lab I         Approved Phil/Reli & Non-Western Course (Upper-level See:         Advisor)       No Concentration:         MATH 213 Analytical Geometry and Calculus III       Biochemistry Concentration:         STAT 250 Statistics I       Approved foreign language course <sup>1</sup> Students may opt to take a two course, 101/102 sequence if available       ENGH 302 Advanced Composition         CHEM 321 Elementary Quantitative Analysis       CHEM 314 Organic Chemistry II AND         CHEM 318 Organic Chemistry Lab II       Approved foreign language course <sup>1</sup> Approved foreign Language course <sup>1</sup> No Concentration:	CHEM 331: Fall	CORE/DEGREE EQUIVALENT Major COS Phil/Rel & Non-Western Major Major Written Comm Major Major Major Written Scom

			No Concentration:		
29	Chemistry Courses	5	CHEM 332 Physical Chemistry II AND	CHEM 332, CHEM 337, & CHEM 464: Spring Only	Major
			CHEM 337 Physical Chemistry Lab II		
			Biochemistry Concentration:		
			CHEM 464 General Biochemistry II AND		
			CHEM 465 Biochemistry Lab		Info Tech
30	Gen Ed: Information	3	Approved Information Technology course <sup>2</sup> (Upper-level See:		
30	Technology	5	Advisor)		into recit
			Biochemistry Concentration:		
31	Chemistry Courses	3	CHEM 446 Bioinorganic Chemistry	CHEM 446: Fall	Major or
51			No Concentration:	Only	General Elective
			General Electives (Upper-level See: Advisor)		
32	College Requirement:	3	Approved foreign language course <sup>1</sup>		Major
	Foreign Language		Approved foreign language course		Widjol
33	General Elective	1-2	General Electives (Upper-level See: Advisor)		General Elective
34	Gen Ed: Synthesis	3	Approved Synthesis Course <sup>2</sup>		Synthesis
B.A	A. CHEMISTRY DEGREE	122-124			
ТО	OTAL	122-124			

## Important Academic Information:

<sup>1</sup>For approved Foreign Language Courses, please visit - https://catalog.gmu.edu/colleges-schools/science/chemistry-biochemistry/chemistryba/#requirementstext

<sup>2</sup>For approved Mason Core courses, please visit - https://catalog.gmu.edu/mason-core/

## Additional General Notes & Resources:

• Students majoring in chemistry must complete the chemistry program requirements with a minimum GPA of 2.30 and present no more than two courses with a grade of 'D' (1.00) in CHEM coursework at graduation.

• Students interested in Pre-Health Professions (Pre-Med, Pre-Dentistry, Pre-Podiatry, Pre-Optometry, Pre-Veterinary, Pre-Pharmacy, Pre-Physician Assistant, Pre-Occupational Therapy, and Pre-Physical Therapy) are strongly encouraged to meet with the Health Professions Advisor regarding the appropriate prerequisite courses for their field of choice. For more information, please visit: https://prehealth.gmu.edu/

• Students interested in pursuing licensure to teach at the secondary level may add the Undergraduate Certificate: Secondary Education - Chemistry to this degree. For more information visit: https://education.gmu.edu/secondary-education-6-12/academics/. Some certificate courses can be used to fulfill general elective requirements, but additional credits may be needed to complete the certificate. Students interested in teacher licensure should meet with a Mason pre-teacher advisor. Contact information: https://cehd.gmu.edu/teacher/advising/advising-appointment/

• ADVANCE students who earn at least a 2.85 cumulative GPA and no more than 9 credits of unrepeated D/F grades may be eligible to receive a waiver for any lower-level Mason Core courses not already completed. To be eligible for the core waiver, students must also complete the requirements of the AA or AS degree listed on their pathway, and apply to graduate from NOVA by the deadline (see milestone #3). Students must meet these criteria by the time of matriculation to Mason and provide the Office of Admissions a final, official transcript reflecting the degree conferral date.

• For academic policies and procedures, please see Mason catalog - https://catalog.gmu.edu/policies/

• Students seeking a bachelor's degree must apply at least 45 credits of upper-level courses (numbered 300 or above) toward graduation.