ADVANCE

A NOVA | MASON PARTNERSHIP

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-#7, 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.

3. Students who wish to enroll at Mason for the fall semester must apply for NOVA spring graduation by March 1 or summer graduation by June 1. Students who wish to enroll at Mason for the spring semester must apply for NOVA fall graduation by October 1.

4. Students must begin developmental coursework 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 complete ENG 111 and ENG 112 with a C or better.

7. Students must complete a Mason Core Quantitative Reasoning course equivalent with a C or better no later than one semester before NOVA graduation. Refer to your pathway to select the appropriate MTH course(s).

	NOVA DEGREE REQUIREMENT	Credits	Courses	MASON TRANSFER EQUIVALENT	MASON CORE/DEGREE EQUIVALENT
1	SDV Course	1	SDV 100 College Success Skills OR SDV 101 Orientation to XXX	UNIV 100	General Elective
2	ENG 111	3	ENG 111 College Composition I ¹	ENGH 101	Written Comm
3	MTH 167 or Science	5	MTH 167 Precalculus with Trigonometry	MATH 105	General Elective
4	Science Course #1	4	CHM 111 General Chemistry I	CHEM 211-213	Nat Science
5	Social/Behavioral Sciences #1	3	ECO 201 Principles of Macroeconomics OR ECO 202 Principles of Microeconomics OR GEO 210 People and the Land: An Introduction to Cultural Geography OR HIS 121 United States History to 1877 OR HIS 122 United States History Since 1865 OR PLS 135 U.S. Government and Politics OR PSY 200 Principles of Psychology OR PSY 230 Developmental Psychology OR SOC 200 Introduction to Sociology OR SOC 211 Cultural Anthropology	ECON 104 ECON 103 GGS 103 HIST 121 HIST 122 GOVT 103 PSYC 100 PSYC 211 SOCI 101 ANTH 114	Soc/Behav
6	MTH 263	4	MTH 263 Calculus I	MATH 113	Quantitative
7	ENG 112	3	ENG 112 College Composition II ¹	ENGH XXX	General Elective
3	Math or Science #1	4	CLIM 111/112 Introduction to the Fundamentals of Atmospheric Science + Lab (<i>Typically offered in the Fall Semester at Mason</i>)	CLIM 111-112	Major
9	ITE 152 or General Education Elective	3	CDS 130 Computing For Scientists (offered online)	CDS 130	Info Tech
0	MTH 264	4	MTH 264 Calculus II	MATH 114	Major
.1	HIS Course	3	HIS 101 Western Civilizations Pre-1600 CE OR HIS 102 Western Civilizations Post-1600 CE OR HIS 112 World Civilizations Post-1500 CE (recommended)	HIST 101 HIST 102 HIST 125	Global History
.2	Humanities/Fine Arts #1	3	ART 100 Art Appreciation OR ART 101 History of Art: Prehistoric to Gothic OR ART 102 History of Art: Renaissance to Modern OR CST 130 Introduction to Theatre OR CST 151 Film Appreciation I OR MUS 121 Music in Society	ARTH 101 ARTH 200 ARTH 201 THR 101 ENGH L372 MUSI 101	Arts

13	Math or Science #2	4	PHY 241 University Physics I	PHYS 160-161	Nat Science
14	Math or Science #3	4	MTH 265 Calculus III	MATH 213	Major
15			GEO 220 World Regional Geography OR	GGS 101	
	Social/Behavioral Sciences #2	3	PLS 140 Introduction to Comparative Politics OR	GOVT 133	Global Understandin
			PLS 241 Introduction to International Relations	GOVT 132	
16	CST Course	3	CST 100 Principles of Public Speaking OR	COMM 100	Oral Comm
		3	CST 110 Introduction to Human Communication	COMM 101	Oral Comm
			CST 229 Intercultural Communication OR	COMM L305	
	General Education Elective		ECO 202 Principles of Microeconomics OR	ECON 103	
	(This elective is not needed if		HUM 220 Introduction to African-American Studies OR	AFAM 200	
17	selections for all other	0-3	HUM 256 Comparative Mythology OR	ENGH 202	General Elective
	requirements total 60 credits or		PHI 111 Logic OR	PHIL 173	
	more)		PSY 200 Principles of Psychology OR	PSYC 100	
			REL 100 Introduction to the Study of Religion OR SOC 200 Introduction to Sociology	RELI 100 SOCI 101	
			ENG 225 Reading Literature: Culture and Ideas OR	3001101	
			ENG 245 British Literature OR		
			ENG 246 American Literature OR		
10	Humanities/Fine Arts #2	3	ENG 255 World Literature OR	ENGH 202	Literature
10	Fulliancies/Fille Arts #2	5	ENG 258 African American Literature OR	LINGIT 202	Literature
			ENG 275 Women in Literature OR		
			Any 200-Level ENG Literature course ²		
10	Science Course #2	4	PHY 242 University Physics II	PHYS 260-261	Major
				FIII3 200-201	Iviajoi
	SCIENCE DEGREE TOTAL	61			
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Denotes a course that must be taken at George Mason University while attending NOVA. Failure to complete your co-enrollment course(s) while attending NOVA can significantly affect your timeline for Mason graduation. Please see your ADVANCE Coach for more information and to enroll.

Important Academic Information:

 1 Students who complete ENG 111 after Spring 2024 will earn ENGH elective for ENG 111 and ENGH 101 for ENG 112.

²200-level ENG literature classes include: ENG 225, ENG 230, ENG 236, ENG 237, ENG 245, ENG 246, ENG 250, ENG 255, ENG 256, ENG 257, ENG 258, ENG 271, ENG 275, and ENG 279.

³Required electives must be independent of courses taken in the selected option (Meteorology or Computational Atmospheric Sciences).

⁴For approved Options and Required Electives and other Required Courses, please visit - https://catalog.gmu.edu/colleges-schools/science/atmosphericoceanic-earth-sciences/atmospheric-sciences-bs/#requirementstext

Additional General Notes & Resources:

• A GPA of at least 2.00 is required for all core courses, with an overall GPA of at least 2.50.

• Students who complete a VCCS transfer associate degree (AS, AA, & AFA) will receive a waiver of the Foundation and Exploration (lower division) Mason Core general education categories. To be eligible for the waiver, the students must provide the Mason Office of Admissions with a final, official transcript reflecting the degree conferral date. As a prerequisite for ENGH 302, ENGH 101 is not waived. Students must complete ENGH 100 or ENGH 101, or an equivalent, with a C or higher.

• 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.