

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 highly encouraged 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 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.
4. 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.

	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	ENGH 101	Written Comm
3	ITE 115 or ITE 119 or General Education Elective	3	ADJ 100 Survey of Criminal Justice	CRIM 100	Soc/Behav
4	MTH 167	5	MTH 167 Pre-Calculus with Trigonometry ¹	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 245 (NOVA Catalog: MTH 264)	3	MTH 245 Statistics I	STAT 250	Major
8	Science Course #1	4	CHM 111 General Chemistry I	CHEM 211-213	Major
9	Social/Behavioral Sciences #1	3	ECO 201 Principles of Macroeconomics OR	ECON 104	General Elective
			ECO 202 Principles of Microeconomics OR	ECON 103	
			GEO 210 Introduction to Cultural Geography OR	GGG 103	
			HIS 121 United States History I OR	HIST 121	
			HIS 122 United States History II OR	HIST 122	
			PLS 135 American National Politics OR	GOVT 103	
			PSY 200 Principles of Psychology OR	PSYC 100	
PSY 230 Developmental Psychology OR	PSYC 211				
SOC 200 Principles of Sociology OR	SOCI 101				
SOC 211 Principles of Anthropology I	ANTH 114				
10	HIS Course	3	HIS 101 History of Western Civilization I OR	HIST 101	Western Civ
			HIS 102 History of Western Civilization II OR	HIST 102	
			HIS 112 History of World Civilization II	HIST 125	
11	Humanities/Fine Arts #1	3	ART 100 Art Appreciation OR	ARTH 101	Arts
			ART 101 History and Appreciation of Art I OR	ARTH 200	
			ART 102 History and Appreciation of Art II OR	ARTH 201	
			CST 130 Introduction to Theatre OR	THR 101	
			CST 151 Film Appreciation I OR	ENGH L372	
MUS 121 Music Appreciation I	MUSI 101				
12	Math or Science #1	4	CHM 112 General Chemistry II	CHEM 212-214	Major
13	Math or Science #2	4	PHY 201 General College Physics I	PHYS 243-244	Major

14	Social/Behavioral Sciences #2	3	GEO 220 World Regional Geography OR PLS 140 Introduction to Comparative Politics OR PLS 241 International Relations I OR PSY 219 Cross-Cultural Psychology	GGS 101 GOVT 133 GOVT 132 PSYC L379	Global
15	CST Course	3	CST 100 Principles of Public Speaking OR CST 110 Introduction to Communication	COMM 100 COMM 101	Oral Comm
16	Humanities/Fine Arts #2	3	ENG 236 Introduction to the Short Story OR ENG 241 Survey of American Literature I OR ENG 242 Survey of American Literature II OR ENG 251 Survey of World Literature I OR ENG 252 Survey of World Literature II OR ENG 253 Survey of African-American Literature I	ENGH 202	Literature
17	Math or Science #3	4	PHY 202 General College Physics II	PHYS 245-246	Major
18	Science Course #2	4	BIOL 213 Cell Structure and Function	BIOL 213	Major
19	General Education Elective (This elective is not needed if selections for all other requirements total 60 credits or more)	0-3	ECO 201 Principles of Macroeconomics OR ECO 202 Principles of Microeconomics OR PHI 111 Logic I OR PSY 200 Principles of Psychology OR REL 100 Introduction to the Study of Religion OR SOC 200 Principles of Sociology	ECON 104 ECON 103 PHIL 173 PSYC 100 RELI 100 SOCI 101	General Elective

A.S. SCIENCE DEGREE TOTAL 60 - 62

For academic policies and procedures, please see NOVA catalog - <http://www.nvcc.edu/catalog/index.html>

B.S. Forensic Science

Concentrations: Forensic Biology, Forensic Chemistry, and Standard Concentration

	MASON DEGREE REQUIREMENT	Credits	Course	MASON CORE/DEGREE EQUIVALENT
20	Forensic Science Core Courses	3	FRSC 200 Survey of Forensic Science	Major
21	Natural Science Core Courses	5	CHEM 313 Organic Chemistry I AND CHEM 315 Organic Chemistry Lab I	Major
22	Natural Science Core Courses	4	BIOL 311 General Genetics	Major
23	Forensic Science Core Courses	3	FRSC 201 Introduction to Criminalistics	Major
24	Natural Science Core Courses	5	CHEM 314 Organic Chemistry II AND CHEM 318 Organic Chemistry Lab II	Major
25	Forensic Science Core Courses	3	FRSC 302 Forensic Trace Analysis	Major
26	Forensic Science Core Courses	3	FRSC 303 Forensic Evidence and Ethics	Major
27	Supporting Science/Concentration Courses	3-4	Approved Supporting Science/Concentration Course ²	Major
28	Natural Science Core Courses	4	No Concentration: BIOL 430 Advanced Human Anatomy and Physiology I (Fall Only) Forensic Biology/Chemistry Concentration: Approved Concentration Course ¹	Major
29	Gen Ed: Written Communication (Upper level)	3	ENGH 302 Advanced Composition	Written Comm
30	Forensic Science Core Courses	4	FRSC 304 Forensic Chemistry AND FRSC 305 Forensic Chemistry Laboratory	Major
31	Forensic Science Core Courses	4	FRSC 460 Forensic DNA Analysis AND FRSC 461 Forensic DNA Analysis Lab	Major
32	Supporting Science/Concentration Courses	3-4	Approved Supporting Science/Concentration Course ²	Major
33	Supporting Science/Concentration Courses	3-4	Approved Supporting Science/Concentration Course ² OR General Elective	Major

34	Supporting Science/Concentration Courses	3-4	Approved Supporting Science/Concentration Course ² OR General Elective	Major
35	Forensic Science Core Courses	3	FRSC 405 Independent Research Methods OR FRSC 406 Forensic Internship	Major
36	Forensic Science Core Courses	3	FRSC 401 Crime Scene Investigations	Major
37	Forensic Science Core Courses	0	FRSC 499 Comprehensive Examination	Major
38	Gen Ed: Information Technology	3	Approved Information Technology Course ³	Info Tech
39	Gen Ed: Synthesis	3	Approved Synthesis Course ³	Synthesis

B.S. FORENSIC SCIENCE		125-131		
DEGREE TOTAL				

Denotes a course that must be taken at George Mason University. Please see your Success Coach to enroll.

Important Academic Information:

¹Students who place directly into MTH 263 should take BIO 101 in place of MTH 167. Students who meet the NOVA prerequisite for BIO 206: Cell Biology may take this course at NOVA in line 18 instead of co-enrollment in BIOL 213.

²For approved Supporting Science/Concentration Courses, please visit - <https://catalog.gmu.edu/colleges-schools/science/forensic-program/forensic-science-bs/#requirements>

³For approved Mason Core courses, please visit - <https://catalog.gmu.edu/mason-core/>

Additional General Notes & Resources:

- Students majoring in forensic science must complete their coursework with a minimum GPA of 2.30. No more than three courses with a grade of 'D' (1.00) may be applied to the major. Students are advised to be aware of prerequisites that may be required for each course in the curriculum.
- ADVANCE students who earn at least a 2.85 cumulative GPA and no more than 9 credits of unrepeatable 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.