

ADVANCE

A NOVA | MASON PARTNERSHIP

A.S. Science / B.S. Forensic Science Pathway
2023-2024

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 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 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	ITE 152 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 ²	MATH 105	General Elective
5	MTH 263	4	MTH 263 Calculus I	MATH 113	Quantitative
6	ENG 112	3	ENG 112 College Composition II ¹	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 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	General Elective
10	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 (<i>recommended</i>)	HIST 101 HIST 102 HIST 125	Global History
11	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
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 ³	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 Introduction to International Relations OR PSY 219 Cross-Cultural Psychology	GGS 101 GOVT 133 GOVT 132 PSYC L379	Global Understanding
15	CST Course	3	CST 100 Principles of Public Speaking OR CST 110 Introduction to Human Communication	COMM 100 COMM 101	Oral Comm
16	Humanities/Fine Arts #2	3	ENG 225 Reading Literature: Culture and Ideas OR ENG 245 British Literature OR ENG 246 American Literature OR ENG 255 World Literature OR ENG 258 African American Literature OR ENG 275 Women in Literature OR Any 200-Level ENG Literature course ⁴	ENGH 202 or FRLN L330 (ENG 255 only)	Literature
17	Math or Science #3	4	PHY 202 General College Physics II ³	PHYS 245-246	Major
18	Science Course #2	4	BIOL 213 Cell Structure and Function ²	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 HUM 210 Introduction to Women and Gender Studies OR HUM 256 Comparative Mythology OR PHI 111 Logic I OR PSY 200 Principles of Psychology OR REL 100 Introduction to the Study of Religion OR SOC 200 Introduction to Sociology	ECON 104 ECON 103 WMST 200 ENGH 202 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 No 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 ⁵	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 ⁵	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 ⁵	Major

33	Supporting Science/Concentration Courses	3-4	Approved Supporting Science/Concentration Course ⁵ OR General Elective	Major
34	Supporting Science/Concentration Courses	3-4	Approved Supporting Science/Concentration Course ⁵ 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 ⁶	Info Tech
39	Gen Ed: Synthesis	3	Approved Synthesis Course ⁶	Synthesis

B.S. FORENSIC SCIENCE
DEGREE TOTAL 125-131

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:

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

²Students 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.

³Students interested in the Forensic Chemistry Concentration may choose PHY 241 and PHY 242.

⁴200-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.

⁵For approved Supporting Science/Concentration Courses, please visit - <https://catalog.gmu.edu/colleges-schools/science/forensic-program/forensic-science-bs/#requirements>

⁶For approved Mason Core courses, please visit - <https://catalog.gmu.edu/mason-core/>

Additional General Notes & Resources:

- Students majoring in forensic science must complete their major 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.
- 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.