# ADVANCE 

A NOVA $\mid$ MASON PARTNERSHIP

## A.S. Science: Mathematics Specialization / B.A. Mathematics Pathway 2021-2022

## A.S. Science: Mathematics Specialization

## 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 <br> SDV 101 Orientation to XXX | UNIV 100 | General Elective |
| 2 | ENG 111 | 3 | ENG 111 College Composition I | ENGH 101 | Written Comm |
| 3 | HIS Course | 3 | HIS 101 History of Western Civilization I OR HIS 102 History of Western Civilization II OR HIS 112 History of World Civilization II |  | Western Civ |
| 4 | MTH 288 (NOVA Catalog: CSC 200 or MTH Elective) | 3 | MTH 288 Discrete Mathematics | MATH 125 | Major |
| 5 | MTH 263 | 4 | MTH 263 Calculus I | MATH 113 | Quantitative |
| 6 | CSC 201 | 4 | CSC 201 Computer Science I | CS 112 | Info Tech |
| 7 | ENG 112 | 3 | ENG 112 College Composition II | ENGH XXX | General Elective |
| 8 | MTH 264 | 4 | MTH 264 Calculus II | MATH 114 | Major |
|  | Social/Behavioral Sciences \#1 | 3 | ECO 201 Principles of Macroeconomics OR | ECON 104 |  |
|  |  |  | ECO 202 Principles of Microeconomics OR | ECON 103 |  |
|  |  |  | GEO 210 Introduction to Cultural Geography OR | GGS 103 |  |
|  |  |  | HIS 121 United States History I OR | HIST 121 |  |
| 9 |  |  | HIS 122 United States History II OR | HIST 122 | Soc/Behav |
| و |  |  | PLS 135 American National Politics OR | GOVT 103 | Soc/Behav |
|  |  |  | 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 1 | ANTH 114 |  |
| 0 | 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 |  |
| 11 | MTH 265 | 4 | MTH 265 Calculus III | MATH 213 | Major |
| 12 | Math Elective \#1 | 3 | MTH 266 Linear Algebra | MATH 203 | Major |




