ADVANCE
A NOVA | MASON PARTNERSHIP

A.S. General Studies /
B.S. Health Informatics Pathway
Online Option Available
2023-2024

A.S. General Studies
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	ITE 152	3	ITE 152 Introduction to Digital and Information Literacy and Computer Applications	IT 104	Info Tech
4	MTH 161 *(NOVA Catalog: MTH 154 or higher)*	3	MTH 161 PreCalculus I[2]	MATH 103T	General Elective
5	Science Course #1	4	BIO 101 General Biology I *(recommended)* **OR** CHM 101 Introductory Chemistry **OR** ENV 121 General Environmental Science I **OR** GOL 105 Physical Geology **OR** PHY 100 Elements of Physics	BIOL 103/105 CHEM 103 EVPP 108/109 GEOL 101/103 PHYS 103	Nat Science
6	CST Course	3	CST 100 Principles of Public Speaking **OR** CST 110 Introduction to Human Communication	COMM 100 COMM 101	Oral Comm
7	ENG 112	3	ENG 112 College Composition II[1]	ENGH XXX	General Elective
8	HIS Elective	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
9	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
10	Science Course #2	4	BIO 101 General Biology I **OR** BIO 102 General Biology II **OR** CHM 101 Introductory Chemistry **OR** ENV 121 General Environmental Science I **OR** ENV 122 General Environmental Science II **OR** GOL 105 Physical Geology **OR** GOL 106 Historical Geology **OR** PHY 100 Elements of Physics	BIOL 103/105 BIOL 102 CHEM 103 EVPP 108/109 EVPP 112/113 GEOL 101/103 GEOL 102/104 PHYS 103	Nat Science

11	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[3]	ENGH 202 or FRLN L330 (ENG 255 only)	Literature
12	Open Elective #1	3	MTH 261 Applied Calculus I	MATH 108	Major
13	Open Elective #2	3	HIM 111 Medical Terminology I	HAP 202	Major
14	Open Elective #3	3	PHI 227 Biomedical Ethics **OR** CST 229 Intercultural Communication **OR** BUS 100 Introduction to Business **OR** BUS 270 Interpersonal Dynamics **OR** BUS 280 Introduction to International Business **OR** HUM 220 Introduction to African-American Studies **OR** HUM 259 The Greek and Roman Tradition **OR** PSY 200 Principles of Psychology **OR** SOC 200 Introduction to Sociology	HAP L310 COMM L305 BUS 100 BUS 103 BUS 200 AFAM 200 CLAS 250 PSYC 100 SOCI 101	General Elective
15	Social/Behavioral Sciences #1	3	ECO 201 Principles of Macroeconomics **OR** ECO 202 Principles of Microeconomics *(recommended)* **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
16	Open Elective #4	3	MTH 245 Statistics I	STAT 250	Major & Quantitative
17	Open Elective #5	3	PHI 227 Biomedical Ethics **OR** CST 229 Intercultural Communication **OR** BUS 100 Introduction to Business **OR** BUS 270 Interpersonal Dynamics in the Business Organization **OR** BUS 280 Introduction to International Business **OR** HUM 210 Introduction to Women and Gender Studies **OR** HUM 256 Comparative Mythology **OR** PSY 200 Principles of Psychology **OR** SOC 200 Introduction to Sociology	HAP L310 COMM L305 BUS 100 BUS 103 BUS 200 WMST 200 ENGH 202 PSYC 100 SOCI 101	General Elective
18	Open Elective #6	3	HAP 201 Health Professions Careers	HAP 201	Major
19	Open Elective #7	3	PHI 227 Biomedical Ethics **OR** CST 229 Intercultural Communication **OR** BUS 100 Introduction to Business **OR** BUS 270 Interpersonal Dynamics in the Business Organization **OR** BUS 280 Introduction to International Business **OR** PSY 200 Principles of Psychology **OR** SOC 200 Introduction to Sociology	HAP L310 COMM L305 BUS 100 BUS 103 BUS 200 PSYC 100 SOCI 101	General Elective
20	Social/Behavioral Sciences #2	3	GEO 220 World Regional Geography **OR** HIS 111 World Civilizations Pre-1500 CE **OR** PLS 140 Introduction to Comparative Politics **OR** PLS 241 Introduction to International Relations **OR** PSY 219 Cross-Cultural Psychology **OR** SSC 115 Introduction to Global Affairs	GGS 101 HIST L387 GOVT 133 GOVT 132 PSYC L379 GLOA 101	Global Understanding
A.S. GENERAL STUDIES DEGREE TOTAL		**60**			

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

B.S. Health Informatics

	MASON DEGREE REQUIREMENT	Credits	Course		MASON CORE/DEGREE EQUIVALENT
21	Gen Ed: Written Communication (Upper level)	3	ENGH 302 Advanced Composition		Written Comm
22	Major Requirements	3	GCH 300 Intro to Public Health		Major
23	Major Requirements	3	HAP 301 Health Care Delivery in US		Major
24	Major Requirements	3	HAP 318 Introduction to IT Methods for Healthcare	**Fall Only**	Major
25	Major Requirements	3	HAP 360 Intro to Health Info Systems		Major
26	Major Requirements	3	HAP 308 Public Health Informatics	**Spring Only**	Major
27	Major Requirements	3	HAP 430 Process Improvement in Healthcare Organizations		Major
28	Major Requirements	3	HAP 436 Electronic Health Data in Process Improvement	**Spring Only**	Major
29	Major Requirements	3	HAP 458 Clinical Informatics Applications in a Health Care Setting		Major
30	Major Requirements	3	HAP 462 Privacy and Security in Health Informatics	**Spring Only**	Major
31	Major Requirements	3	HAP 361 Health Databases **OR** CDS 302 Scientific Data and Databases	**HAP 361: Fall Only**	Major
32	Major Requirements	3	HAP 440 Mobile Health	**Fall Only**	Major
33	Major Requirements	3	HAP 456 Health Data Mining and Analysis	**Fall Only**	Major
34	Major Requirements	3	HAP 460 Information Technology Project Management	**Fall Only**	Major
35	Major Requirements	3	HAP 489 Pre-Internship Seminar		Major
36	Major Requirements	3	HAP 459 Health Data Standards and Interoperability	**Spring Only**	Major
37	Major Requirements	3	HAP 465 Integration of Professional Skills and Issues		Major
38	Major Requirements	3	HAP 464 Electronic Health Record Configuration and Data Analysis		Major
39	Major Requirements	3	HAP 461 Internet and Web Technology Applications for Healthcare		Major
40	Major Requirements	3	HAP 455 Introduction to Computer Programming in Health Applications		Major
41	Gen Ed: Synthesis	4	HAP 498 Health Administration Internship	**Spring Only**	Synthesis
B.S. HEALTH INFO DEGREE TOTAL		**124**			

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.

Please note: Some fully online courses may require a campus presence for orientations, tests, final exams, or labs.

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.

[2]Students who place directly into MTH 261, Applied Calculus I, will need an additional elective course to replace MTH 161. Students may choose from any General Education Elective that transfers to Mason. See your ADVANCE Coach for more information.

[3]200-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.

Additional General Notes & Resources:

• 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.