

ADVANCE

A NOVA | MASON PARTNERSHIP

A.A.S. Information Systems Technology/B.A.S.
Applied Science - Technology & Innovation
Concentration
2018-19

ADVANCE Program Milestones

1. Students must take SDV 100 or SDV 101 in the first semester at NOVA.
2. Students must begin Developmental coursework in the first semester in ADVANCE at NOVA.
3. Students must take first college-level MTH course and ENG 111 in the semester immediately following the completion of any MTE or ENF courses (excluding summer).
4. In the first 30 credits, students must:
 - a. Complete ENG 111 and ENG 125 with a C or better.
 - b. Complete the first college-level MTH course with a C or better.
 - c. Engineering students must begin the calculus sequence and complete Calculus I and II with a B or better.
5. Students must complete at least six degree-applicable credits with a C or better each fall and spring semester.
6. Students must maintain a 2.5 cumulative GPA

Students interested in the ADVANCE Adult Learning Pathways must be at least 25 years of age or older to be eligible. Students who do not meet the age requirement may be eligible for an Admissions waiver if additional criteria are met. Details are available on program's website - <http://bas.gmu.edu/>

NOVA DEGREE REQUIREMENT SEQUENCE	Credits	Courses	MASON TRANSFER EQUIVALENT	MASON CORE/DEGREE EQUIVALENT
1	SDV 101	1	SDV 101 Orientation to Information Technology	UNIV 100 ELECTIVE
2	ENG 111	3	ENG 111 College Composition I	ENGH 101 Written Comm
3	MTH 154 or higher	3	MTH 154 Quantitative Reasoning	MATH 106 QUANT
4	ITP 100	3	ITP 100 Software Design	IT XXX ELECTIVE
5	Humanities/Fine Arts	3	ART 101 History and Appreciation of Art I OR ART 102 History and Appreciation of Art II OR CST 130 Introduction to Theatre OR CST 151 Film Appreciation OR MUS 121 Music Appreciation I	ARTH 200 ARTH 201 THR 101 ENGH L372 MUSI 101 Arts
6	ITN 100	3	ITN 100 Intro to Telecommunications	See #16 ELECTIVE
7	ITE 115	3	IT 104 Introduction to Computing	IT 104 Info Tech
8	ITP Programming Elective	4	ITP 112 Visual Basic.net I OR ITP 120 Java Programming I OR ITP 130 C Programming I OR ITP 132 C++ Programming I OR ITP 136 C# Programming I OR ITP 225 Web Scripting Languages	IT XXX ELECTIVE
9	Social/Behavioral Sciences #1	3	HIS 101 History of Western Civilization I OR HIS 102 History of Western Civilization II OR HIS 112 History of World Civilization II	HIST 101 HIST 102 HIST 125 Western Civ
10	Social/Behavioral Sciences #2	3	ECO 201 Principles of Macroeconomics OR GEO 210 Introduction to Cultural Geography OR HIS 121 United States History I OR PLS 211 United States Government I OR PSY 200 Introduction to Psychology OR SOC 200 Principles of Sociology	ECON 104 GGG 103 HIST 121 GOVT 103 PSYC 100 SOCI 101 Soc/Behav
11	ITE 221 or ITN 107	3	ITE 221 PC Hardware and OS Architecture	IT 105 & IT XXX DEGREE
12	ITE 170	3	IT 213 Multimedia & Web Design	IT 213 DEGREE
13	ITD 110	3	ITD 110 Web Design I	BAS XXX ELECTIVE
14	CST Course	3	CST 100 Principles of Public Speaking OR CST 110 Introduction to Communication OR CST 126 Interpersonal Communication	COMM 100 COMM 100 COMM 101 Oral Comm
15	ITN 171	3	ITN 171 Unix I	BAS XXX ELECTIVE
16	IT Elective #1	3	IT Electives*	BAS XXX ELECTIVE

17	IT Elective #2	3	IT Electives*	BAS XXX	ELECTIVE
18	ITN 260	3	ITN 260 Network Security Basics	See #22	ELECTIVE
19	IT Elective #3	3	IT Electives*	BAS XXX	ELECTIVE
20	IT Elective #4	3	IT Electives*	BAS XXX	ELECTIVE
21	ITD 256	3	IT 214 Database Fundamentals	IT 214	DEGREE
22	IT Elective #5	3	ITN 266 Network Security Layers	IT 223 & IT XXX	DEGREE
A.A.S. INFO. SYSTEMS TECH. TOTAL		65			

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

	MASON DEGREE REQUIREMENT SEQUENCE	Credits	Course	MASON EQUIVALENT	
23	Concentration Requirements	3	IT 304 IT in the Global Economy	DEGREE	
24	Concentration Requirements	3	MBUS 301 Managing People & Organizations in a Global Economy	DEGREE	
25	Core Requirements	3	BAS 300 Building Professional Competencies	DEGREE	
26	Gen Ed: Literature	3	Approved Literature Course**	Literature	
27	Gen Ed: Natural Science (Lab)	4	Approved Natural Science with Lab**	NAT SCIENCE	
28	Concentration Requirements	3	IT 343 Project Management	DEGREE	
29	Gen Ed: Written Communication	3	ENGH 302 Advanced Composition	Written Comm	
30	Concentration Requirements	3	MBUS 300 Accounting in a Global Economy	DEGREE	
31	Concentration Requirements	3	MBUS 302 Managing Information in a Global Economy	DEGREE	
32	Gen Ed: Natural Science (Non-Lab)	3	Approved Natural Science without Lab**	NAT SCIENCE	
33	General Electives	3	Upper-level Elective***	DEGREE	
34	Concentration Requirements	3	IT 343 Project Management	DEGREE	
35	Core Requirements	3	BAS 490 Introduction to Research Methods	DEGREE	
36	Concentration Requirements	3	MBUS 303 Marketing in a Global Economy	DEGREE	
37	Concentration Requirements	3	MBUS 305 Introduction to International Business	DEGREE/GLOBAL	
38	General Electives	3	Upper-level Elective***	DEGREE	
39	General Electives	3	Upper-level Elective***	DEGREE	
40	General Electives	1	General Elective	DEGREE	
41	Core Requirements/Synthesis	3	BAS 491 Applied Sciences Capstone	Synthesis	
B.A.S. APPLIED SCIENCE DEGREE TOTAL		120			

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

* IT Electives must be met through any combination of IT courses (ITD, ITE, ITN, ITP) that are not already included in the degree.

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

***Upper-level electives must be selected in consultation with an advisor.

General Note: If English is not your first language or you have completed ESL coursework, you must complete ENG 111 and ENG 125 prior to matriculating to George Mason University to meet the English Language Proficiency requirement.

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 requirements