

ADVANCE

A NOVA | GEORGE MASON PARTNERSHIP



A.A.S. Contract Management /
B.A.S. Cloud Computing Concentration: Cloud
Systems Management Track Pathway
2026-2027

A.A.S. Contract Management

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 George Mason University and/or result in termination from ADVANCE. For Milestones #4-#7, failure to meet these milestones may delay matriculation to George Mason.

1. Students must graduate with the NOVA degree aligned with their ADVANCE academic pathway within 4 years of being admitted into ADVANCE. Students must ensure they are enrolled in the matching degree.
2. Students must maintain a minimum 2.5 cumulative GPA at NOVA and must have a minimum 2.5 GPA upon matriculation to George Mason.
3. Students who wish to enroll at George 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 George 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 college level math course 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	GEORGE MASON TRANSFER EQUIVALENT	GEORGE MASON CORE/DEGREE EQUIVALENT
1 SDV Course	1	SDV 100 College Success Skills OR SDV 101 Orientation to Business	UNIV 100	General Elective
2 ENG 111	3	ENG 111 College Composition I	ENGH XXX	General Elective
3 CON 100	3	CON 100 Sharing Business Arrangements	BAS XXX	General Elective
4 CON 104	3	CON 104 Federal Acquisition Regulation (FAR) Fundamentals I	BAS XXX	General Elective
5 ITE 152	3	ITE 152 Introduction to Digital and Information Literacy and Computer Applications	IT 104	Info Tech
6 MTH 154 or MTH 155	3	MTH 154 Quantitative Reasoning OR MTH 155 Statistical Reasoning	MATH 106 STAT 105T	Quantitative
7 CON 105	3	CON 105 Federal Acquisition Regulation (FAR) Fundamentals II	BAS XXX	General Elective
8 CON 121	3	CON 121 Strategic Focused Contracting II	BAS XXX	General Elective
9 CST 110	3	CST 110 Introduction to Human Communication	COMM 101	Oral Comm
10 ECO 201	3	ECO 201 Principles of Macroeconomics	ECON 104	Soc/Behav
11 ENG 112	3	ENG 112 College Composition II	ENGH 101	Written Comm
12 ACC 211	3	ACC 211 Principles of Accounting I	See #17	General Elective
13 BUS 200	3	BUS 200 Principles of Management	BUS XXX	General Elective
14 CON 170	3	CON 170 Fundamentals of Cost and Price Analysis	BAS XXX	General Elective
15 CON 214	3	CON 214 Business Decisions for Contracting	BAS XXX	General Elective
16 Humanities/Fine Arts	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 ¹	ENGH 202 or FRLN L330 (ENG 255 only)	Literature
17 ACC 212	3	ACC 212 Principles of Accounting II	ACCT 203 & ACCT 2XX	General Elective
18 BUS 220	3	BUS 220 Introduction to Business Statistics	BUS XXX	General Elective

19	CON 124	3	CON 124 Contract Execution	BAS XXX	General Elective
20	CON 127	3	CON 127 Contract Administration	BAS XXX	General Elective
21	CON 216	3	CON 216 Legal Considerations in Contracting	BAS XXX	General Elective
22	CON 217	3	CON 217 Cost Analysis and Negotiation Techniques	BAS XXX	General Elective

**A.A.S. CONTRACT MANAGEMENT
DEGREE TOTAL** 64

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

B.A.S. Applied Science - Cloud Computing Concentration: Cloud Systems Management

	GEORGE MASON DEGREE REQUIREMENT	Credits	Course	GEORGE MASON CORE/DEGREE EQUIVALENT
23	Concentration Requirements	3	MIS 303 Introduction to Business Information Systems	Major
24	Gen Ed: Arts	3	Approved Arts course ²	Arts
25	Concentration Requirements: Applied Coursework Electives	3	Approved Applied Coursework Elective ³	Major
26	Gen Ed: Natural Science (Lab)	4	Approved Natural Science with Lab ²	Nat Science
27	Core Requirements	3	BAS 300 Building Professional Competencies	Major
28	Concentration Requirements	3	MBUS 310 Database Management Systems	Major
29	Gen Ed: Written Communication (Upper-level)	3	ENGH 302 Advanced Composition	Written Comm
30	Concentration Requirements	3	MIS 330 Systems Analysis and Design	Writing Intensive
31	Gen Ed: Natural Science (Non-Lab)	3	Approved Natural Science without Lab ²	Nat Science
32	Concentration Requirements	3	MIS 341 Cloud Computing Essentials	Major
33	Concentration Requirements	3	MIS 441 Cloud System Management	Major
34	Concentration Requirements: Applied Coursework Electives	3	Approved Applied Coursework Elective ³	Major
35	Core Requirements	3	BAS 490 Introduction to Research Methods	Major
36	Concentration Requirements: Applied Coursework Electives	3	Approved Applied Coursework Elective ³	Major
37	Concentration Requirements: Applied Coursework Electives	3	Approved Applied Coursework Elective ³	Major
38	Gen Ed: Global Contexts	3	Approved Upper-level Global Contexts ²	Global Contexts
39	Concentration Requirements: Applied Coursework Electives	3	Approved Applied Coursework Elective ³	Major
40	Gen Ed: Global History	3	Approved Global History Course ²	Global History
41	Core Requirements/Apex	3	BAS 491 Applied Sciences Capstone	Apex

**B.A.S. APPLIED SCIENCE
DEGREE TOTAL** 122

Important Academic Information:

¹200-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.

²For approved Mason Core courses, please visit - <https://catalog.gmu.edu/mason-core/>.

³For approved Cloud Systems Management Applied Coursework electives, please visit: <https://catalog.gmu.edu/colleges-schools/interdisciplinary-programs-courses/applied-science-bas/#ccg>

Additional General Notes & Resources:

- For academic policies and procedures, please see George 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.