

George Mason University BS in Computer Science
Germanna AS in Computer Science
2026-2027

ADVANCE
 PART OF THE MASON VIRGINIA PROMISE



Transfer Requirements

1. Complete the associate degree with a 2.5 or higher cumulative GPA.
2. ENG 111, ENG 112, and a college-level math course must be completed with a C or higher in the first 45 credits. See the pathway to select the correct math course(s) for the intended major.
3. Transfer to George Mason for the fall or spring semester immediately following the conferral of the pathway associate degree.
4. Grades of C or higher are required for transfer credit. Select programs may require a higher grade in specified courses. See the program-specific requirements noted on the pathway.
5. Students must complete their associate degree within five years of entering the program.

Program Specific Requirements

- All transfer applicants must have a minimum 2.75 GPA upon matriculation to George Mason to be admitted to the Computer Science, BS. Please note this program GPA requirement is higher than the ADVANCE program requirement indicated in milestone #1 above.
- Students must earn at least B in one of [CSC 222, CSC 223], AND earn at least a B in one of [MTH 263, MTH 264, MTH 288, CSC 208], to be admitted to the Computer Science, BS.

Associate Degree Requirements

#	Associate Degree Requirement & Course	Credits	George Mason Equivalent	George Mason Degree Requirement
1	SDV 100	1	UNIV 100	General Elective
2	ENG 111	3	ENGH —	General Elective
3	MTH 167 ¹	5	MATH 105	General Elective
4	CS 221	3	CS 108	Gen Ed: Information Technology
5	UCGS History: HIS 101, HIS 102, HIS 111, or HIS 112 (recommended)	3	HIST 101T, HIST 102T, HIS 387T, or HIST 125	Gen Ed: Global History
6	UCGS Arts & Humanities:: ART 101, ART 102, or MUS 121	3	George Mason Equivalent ²	Gen Ed: Arts
7	ENG 112	3	ENGH 101	Gen Ed: Written Comm
8	CSC 222 ³	4	CS 112	Major
9	MTH 263	4	MATH 113	Major
10	UCGS Lab Science: BIO 101, CHM 111, GOL 105, GOL 106, or PHY 241 <i>Students must complete a two-course sequence in the same discipline.</i>	4	George Mason equivalent ²	Gen Ed: Natural Science & Major Requirement
11	MTH 264	4	MATH 114	Major
12	MTH 265	4	MATH 213	Major
13	CSC 223 ³	4	CSC 211	Major
14	UCGS Gen Ed Elective: BIO 102, CHM 112, GOL 105, GOL 106, or PHY 242 <i>Students must complete a two-course sequence in the same discipline.</i>	4	George Mason equivalent ²	Gen Ed: Natural Science & Major Requirement
15	CSC 208 or MTH 288	3	MATH 125	Major
16	Social & Behavioral Science Elective: ECO 201, ECO 202, GEO 210, PLS 135, PSY 200, SOC 200, SOC 268	3	George Mason equivalent ²	Gen Ed: Social & Behavioral Science
17	UCGS Art, Humanities, Literature: ENG 225, ENG 245, ENG 246, ENG 250, ENG 255, ENG 258, ENG 275, or HUM 259	3	George Mason Equivalent ²	Gen Ed: Literature
18	Transfer Elective: CST 110 or CST 110	3	COMM 100 or COMM 101	Gen Ed: Oral Comm

#	Associate Degree Requirement & Course	Credits	George Mason Equivalent	George Mason Degree Requirement
19	Transfer Elective: BIO 101, BIO 102, CHM 111, CHM 112, GOL 105, GOL 106, PHYS 241 or PHY 242 ¹ <i>As needed to fulfill AS total credits.</i>	0-4	George Mason equivalent ²	Major
	Associate degree total: <i>Students must apply to graduate by the community college graduation application deadline.</i>	61-63		

Bachelor's Degree Requirements

#	Degree Requirement & Course	Credits	Notes
20	Gen Ed: Written Comm: ENGH 302	3	
21	Approved Natural Science with Lab	0-4	Not needed if taken at Germanna
22	MATH 203	0-3	Not needed if taken at Germanna
23	CS 110	3	
24	CS 262	3	
25	CS 310	3	
26	CS 321	3	
27	CS 330	3	
28	CS 367	4	
29	CS 405	3	Apex & Writing Intensive
30	CS 450	3	
31	CS 471	3	
32	CS 483	3	
33	Senior Computer Science Electives	12	
34	STAT 344	3	
35	Computer Science Related	6	
36	General Electives	0-2	As needed to reach 120 total credits. Some electives may need to be upper level (300/400) to reach 45 total upper-level credits.
	Total post-transfer credits:	57-62	
	Pathway total:	120-123	

Footnotes:

- Students placed directly into MTH 263 should complete MTH 266 and third lab science selected from: BIO 101, BIO 102, CHM 111, CHM 112, GOL 105, GOL 106, PHYS 241 or PHY 242. The third Natural Science will fulfill the additional approved lab science requirement in the Computer Science, BS. The Computer Science, BS requires 12 total credits of approved Natural Science coursework and must include an approved two-course sequence.
- To confirm George Mason equivalencies, visit: [George Mason Transfer Credit Matrix](#).
- Students must earn at least B in CSC 222 or CSC 223, AND earn at least a B in one of the following: MTH 263, MTH 264, MTH 288, or CSC 208 to be admitted to the Computer Science, BS.

Additional Academic Information:

- Students who complete a VCCS transfer associate degree (AS, AA, AA&S, or 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

George 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.

- When a course fulfills a Mason Core requirement and a major or college requirement (e.g. Major & Quant), students must complete the course listed on the pathway to fulfill the major/college requirement. Courses that fulfill only Mason Core Foundation and Exploration categories are recommendations. In most pathways, ADVANCE students must complete a Quantitative Reasoning course to matriculate through ADVANCE.
- ADVANCE students must complete the associate degree indicated on their pathway (see the Transfer Requirements listed above). Students who withdraw from ADVANCE and transfer without the associate degree or UCGS are required to complete each Mason Core general education category.
- All students seeking a bachelor's degree must apply at least 45 credits of upper-level courses (numbered 300 or above) toward graduation.
- For academic policies and procedures relating to the associate degree, please navigate to your specific catalog year using the Archive Catalog link: [College Catalog Archive](#)
- For academic policies and procedures relating to the bachelor's degree, please visit: [George Mason Catalog](#). Navigate to your specific catalog year requirements using the catalog archive: [George Mason Catalog Archive](#).