

George Mason University BAS in Applied Science: Cyber Security
Brightpoint AAS in Information Systems Technology with
Cybersecurity CSC¹
2024-2025

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 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

- Students must complete both the Information Technology, AAS degree and the Cybersecurity Career Studies Certificate (CSC) to be eligible for admission to the Applied Science: Cyber Security Concentration, BAS.
- BAS programs have specialized admission criteria. In this pathway, the Mason Core Lower Level Written Communication course (ENGH 101) is completed at Mason. If English is not the student's first language or the student has taken ESL coursework, they must take ENG 112 to meet the English Language Proficiency requirement needed for admission prior to matriculating to Mason.

Associate Degree Requirements

#	Degree Requirement & Course	Credits	Mason Equivalent	Mason Degree Requirement
1	SDV 100	1	UNIV 100	General Elective
2	ENG 111	3	ENGH —	General Elective
3	MTH 154	3	MATH 106	Gen Ed: Quant Reasoning
4	ITE 152	3	IT 104	Major & Gen Ed: Info Tech
5	ITN 101	3	IT — ²	Major
6	ITP 150	3	IT —	Major
7	Cybersecurity Track: ITN 261	3	IT —	Major
8	Cybersecurity Track: ITN 262	4	IT —	Major
9	ITN 257	3	IT —	Major
10	ITE 221	3	IT — ²	Major
11	ITN 260	3	IT — ³	Major
12	ITE 140	3	IT —	Major
13	ITD 136	3	IT —	Major
14	Cybersecurity Track: ITN 263	3	IT —	Major
15	Cybersecurity Track: ITN 266	3	IT 223 ³	Major
16	Cybersecurity Track: ITN 275	3	IT —	Major
17	ITN 170	3	IT —	Major
18	ECO 201 Additional option: ECO 202	3	ECON 104 or ECON 103	Gen Ed: Social & Behavioral Science
19	PHI 111 Additional option: PHI 220	3	PHIL 173 or PHIL 151	General Elective
20	CST 110 Additional option: CST 100	3	COMM 101 or COMM 100	Gen Ed: Oral Comm
21	ITP 170	3	IT —	Major
22	Cybersecurity, CSC requirement: ITN 154	4	IT —	General Elective
	Associate degree total: <i>Students must apply to graduate by the community college graduation application deadline.</i>	66		

Bachelor's Degree Requirements — Fully online degree option available

	Degree Requirement & Course	Credits	Notes
23	Gen Ed: Written Comm: ENGH 101 ⁴	3	
24	Gen Ed: Written Comm: ENGH 302	3	
25	Gen Ed: Arts ⁵	3	
26	Gen Ed: Global History ⁵	3	
27	Gen Ed: Global Contexts, Upper level ⁵	3	
28	Gen Ed: Literature ⁵	3	
29	Gen Ed: Natural Science w/ Lab ⁵	4	
30	Gen Ed: Natural Science, Upper Level ⁵	3	
31	BAS 300	3	
32	BAS 490 or BAS 492 ⁵	3	
33	Major & Gen Ed: Apex: BAS 491 or BAS 493 ⁶	3	
34	IT 304	3	
35	IT 343	3	Writing Intensive
36	IT 357	3	
37	IT 429	3	
38	IT 481	3	
39	Technical Focus ⁷	15	
	Total post-transfer credits:	64	
	Pathway total:	130	

Footnotes:

1. Students must complete both the Information Systems Technology, AAS and the Cybersecurity, CSC to be eligible to matriculate to the Applied Science: Cyber Security, BAS program.
2. Students with a conferred Information Technology, AAS and Cybersecurity, CSC and grades of C or higher in ITE 221 and ITN 101 will be granted a substitution for IT 105. This substitution is available to BAS students only and will be processed by the BAS advisor upon matriculation to Mason.
3. Students must complete both ITN 260 and ITN 266 to earn IT 223.
4. Students who completed ENG 111 prior to Summer 2024 will earn ENGH 101 and will not need to take ENGH 101 at Mason. Students who complete ENG 111 Summer 2024 or later will need ENGH 101, unless ENG 112 is complete or ENGH 101 is earned by exam (AP, IB, etc.). Students may opt to attempt the ENGH 101 waiver by exam. If attempting the exam, students should do so before their first term of enrollment at Mason, and no later than the first term. Please note: Exam availability is limited to specific dates and delaying the completion of ENGH 101 can delay students' Mason graduation timeline. For more information, visit: <https://composition.gmu.edu/waivers/engh-101>.
5. At least two Mason Core general education courses selected must be upper level (300 or above) to meet the total 45 credit upper level requirement.
6. Students must select either BAS 490 and BAS 491 or BAS 492 and BAS 493.
7. For technical focus course options visit: [Current Applied Science: Cyber Security, BAS Catalog](#). Please use the [catalog archive link](#) to navigate to your specific catalog year requirements.

Additional Academic Information:

- 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: [Catalog and Student Handbook Archive](#)
- For academic policies and procedures relating to the bachelor's degree, please visit: <https://catalog.gmu.edu/>. Navigate to your specific catalog year requirements using the catalog archive: <https://catalog.gmu.edu/archives/>