Columbia College
established 1851

BS in Cybersecurity Plan Category III (2025-2026 Catalog)

Degree Requirement	Required Semester Credits	CCAF Transfer Credits	Course Credits to take at Institution
Core/Area of Focus	**57**	**9**	**48**
CISS 201 Agile Software Development	3		3
CISS 202 Introduction to Databases	3		3
CISS 238 Java Programming	3		3
CISS 298 Web Programming	3		3
CISS 301 Operating Systems with Cloud Computing	3	3	
CISS 302 Business Data Communications & Networking	3	3	
CISS 311 Advanced Agile Software Development	3		3
COSC 350 Advanced Algorithms & Data Structures	3		3
CISS 365 Project Management	3		3
CYSC 267 Cybercrime	3		3
CYSC 391 Information Systems Security	3		3
CYSC 400 Digital Forensics	3		3
CYSC 490 Cybersecurity Capstone	3		3
MGMT 230 Principles of Management (see Notes 4 and 5)	3		3
MGMT 254W Business Communication (see Note 5)	3		3
CISS 241 C++ Programming I	3		3
CISS 242 C++ Programming II	3		3
CISS 243 C++ Programming III	3		3
Cybersecurity Elective (CYSC 200/CYSC 144)	3	3	
General Education	**33**	**15**	**18**
Written Composition Course # (see Note 2)	3	3	
Oral Communications #	3	3	
Mathematics Course #	3	3	
Social Sciences Course #	3	3	
Humanities Course #	3	3	
General Education SCIENCE Group Course # (See Note 2)	3		3
PHIL 330 (Ethics Course) #	3		3
General Education Courses (Upper Level) # (See Notes 2 & 6)	12		12
General Electives	**30**	**24**	**0**
Upper Level General Electives		**0**	**6**
Total Credits Required	**120**	**48**	**72**

SAMPLE

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Place for notes/explanations:

1. Completion of the CCAF AAS Cybersecurity results in the following course equivalencies that can be applied in transfer to the BS Cybersecurity degree:
   - CISS 144 (3 credit hours), Computer Information Systems elective
   - CISS 301 (3 credit hours), Operating Systems and Cloud Computing (lower level credit)
   - CISS 302 (3 credit hours), Business Data Communications and Networking (lower level credit)
   - CYSC 144 (6 credit hours), Cybersecurity elective
   - CYSC 200 (3 credit hours), Introduction to Cybersecurity

2. A student with a CCAF AAS degree receives up to 15 credit hours of general education courses. A total of 33 hours, to include English Composition II, must be completed from credit hours across the four groups identified below:

   - Group 1: Anthropology, Economics, Geography, Political Science, Psychology, Sociology
   - Group 2: Arts, Communications, English, History, Music, Philosophy, Religion
   - Group 3: Astronomy, Biology, Chemistry, Environmental Science, Geology, Physics
   - Group 4: Math equivalent to Beginning Algebra or higher

   NOTE: ENGL 133W is the Columbia College equivalent of English Composition II.

3. # Course counts towards the 33 credit hours needed to obtain the General Education waiver.

4. MGMT 230 is CCAF-approved for 3 credit hours of Leadership, Management, and Military Studies (LMMS) requirement for the CCAF AAS.

5. The following CCAF courses equate to required courses for the BS Cybersecurity
   - LMM 1102 Managerial Communications and LMM 2122 Managerial Communications II, (together combine for MGMT 254 Business Communication)

6. Complete at least 39 semester hours of upper level credit to satisfy the degree completion requirement. CCAF credit hours do not count towards this requirement.

7. Complete at least 30 semester hours of Columbia College coursework to satisfy the residency requirement.

8. A minimum of 60 of the 120 credit hours for degree completion must be traditional college credit. A student may transfer as many college credits as they have earned, not all transferred credit will be applied to the degree plan.

SAMPLE