

**Transfer Plan**  
**Community College of Baltimore County**  
**A.A.S in Cybersecurity to American Public University Bachelor of Science in Cybersecurity**

1. Students in and graduates of the Associate of Applied Science degree in Cybersecurity at Institution that apply to APUS and satisfy all APUS admission requirements may be admitted to APUS (“APUS Students”). APUS Students will receive transfer credit for those specific Institution courses (each a “Course”) as set forth in the Course Equivalency table below.
2. The number of credits transferred may not exceed 90 credit hours, which contribute to the fulfillment of credit hours required for Bachelor of Science degree in Cybersecurity completion at APUS.
3. An Institution student must earn a grade of “C” (2.0 on a 4.0 scale) or better in each Institution course for which the student desires transfer credits from APUS.
4. The maximum number of credits that will be accepted by APUS toward degree requirements from non-direct classroom instruction (including CLEP, AP, and other nationally recognized standardized examination scores) is based on annually published national scores with recommended credits. Credit awarded for prior learning assessments (“PLA”) is not recognized by APUS without verification through the APUS PLA process.
5. In the event of a conflict, the following documents shall control (in descending order of priority): the Education Partnership Agreement (EPA), followed by the Articulation Agreement (ART), and lastly this Appendix A.

**Course by Course Equivalency (APUS Catalog, 2020-2021; CCBC Catalog, 2020-2021)**

<b>CCBC Course</b>	<b>Credits</b>	<b>APUS Equivalent</b>	<b>Credits</b>	<b>Notes</b>
<b>General Education Requirements</b> *Students must complete all courses with a C or better.				
ENGL 101-College Composition I	3	ENGL 110-Making Writing Relevant	3	Communication Writing, Oral, and Multimedia General Education Requirement
<b>General Education Electives</b> *Choose courses from the list of approved <u>General Education Courses</u> . One course must be a Diversity course.				
Arts and Humanities CMNS 101-Fundamentals of Communication	3	Arts and Humanities General Education course	3	General Education Requirement

Associate of Applied Science in Cybersecurity to Bachelor of Science in Cybersecurity

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recommended by department				Will complete an additional 3 credits in Arts and Humanities General Education upon transferring
Biological and Physical Sciences- choose any non-lab General Education Biological and Physical Sciences course	3	Natural Science General Education course	3	Natural Science General Education Requirement
Information Technology Choose one: CSIT 101-Technology and Information Systems, CSIT 111-Logic and OO Design, or CSIT 120-Diversity in a Technological Society	3		3	Elective Requirement
Mathematics (APUS recommends MATH 135-Applied Algebra and Trigonometry or MATH 163- Pre-Calculus I)	3	MATH 110-College Algebra	3	Math and Applied Reasoning General Education Requirement
Social and Behavioral Sciences	3	Civics, Political and Social Sciences General Education course	3	Civics, Political and Social Sciences General Education Requirement  Will complete an additional 3 credits in Civics, Political and Social Sciences General Education upon transferring
<b>Program Requirements</b>				
DCOM 101-Introduction to Data Communications	3	No direct equivalent	3	Elective Requirement
DCOM 142-Introduction to Linux/UNIX	3	No direct equivalent	3	Elective Requirement
DCOM 211-Introduction to Firewalls	3	No direct equivalent	3	Elective Requirement
DCOM 212-Introduction to Intrusion	3	ISSC 368-IT Security: Physical and Peripheral Defense	3	General Concentration Requirement

Associate of Applied Science in Cybersecurity to Bachelor of Science in Cybersecurity

CCBC Course	Credits	APUS Equivalent	Credits	Notes
Detection/Prevention Systems				
DCOM 214-Operating Systems Security	4	ISSC 242-Hardening Operating Systems	3 1	Major Requirement Additional credit will count towards Elective Requirement
DCOM 215-Ethical Hacking and System Defense	4	ISSC 262-Red and Blue Team Security	3 1	Major Requirement Additional credit counted towards Elective Requirement
DCOM 217-CCNA I: Introduction to Networks	4	ISSC 231-Networking Concepts	3 1	Major Requirement Additional credit will count towards Elective Requirement
DCOM 218-CCNA II: Switching, Routing, and Wireless Essentials	4	ISSC 343-Wireless Networks	3 1	General Concentration Requirement Additional credit will count towards Elective Requirement
DCOM 219-CCNA III: Enterprise Networking, Security, and Automation	4	No direct equivalent	3	Elective Requirement
DCOM 224-Advanced Linux Administration	4	No direct equivalent	3	Elective Requirement
DCOM 258-Introduction to Information Security	3	ISSC 422-Information Security	3	Major Requirement
<b>Program Electives</b>				
Any DCOM course	3	Depends upon course	3	Elective Requirement
<b>Other</b>				
CCBC's National Security Administration-Center Academic Excellence Designation Curriculum	3	COMM 120-Information and Digital Literacy	3	Communication Writing, Oral, and Multimedia General Education Requirement
<b>Total</b>	<b>63</b>		<b>63</b>	

**Remaining Courses**

## Associate of Applied Science in Cybersecurity to Bachelor of Science in Cybersecurity

Listed below are the APUS courses that a student must complete to meet their graduation requirements. Students who transfer before completing the **Associate of Applied Science in Cybersecurity** may have additional program and graduation requirements to take and fewer free electives.

### Major Requirements

All transfer students will be required to take a minimum of 30 credits of coursework at APUS. To complete the degree, a student must complete a minimum of 120 credits in total. Completion of the **Bachelor of Science in Cybersecurity** requires students to successfully complete the following course work:

APUS Course	Credits	Explanation
APUS General Education COMM Course	3	General Education Requirement Communication: Writing, Oral, & Multimedia (COMM)
APUS General Education Arts & Humanities Course	3	General Education Requirement
APUS General Education History Course	3	General Education Requirement
APUS General Education Civics, Political & Social Sciences Course	3	General Education Requirement
ENTD 261-Scripting Languages for the Administrator	3	Major Requirement
INTL 440-Cyber Warfare	3	Major Requirement
ISSC 325-Biometrics	3	Major Requirement
ISSC 266-Cryptography Concepts	3	Major Requirement
ISSC 421-Computer and Network Security	3	Major Requirement
ISSC 290-Security Databases	3	Major Requirement
ISSC 451-Cybercrime	3	Major Requirement
ISSC 452-Cybersecurity	3	Major Requirement
ISSC 481-IT Security: Planning and Policy	3	Major Requirement

Associate of Applied Science in Cybersecurity to Bachelor of Science in Cybersecurity

ITMG 281-Law, Privacy, and Digital Data	3	Major Requirement
MATH 302-Statistics	3	Major Requirement
ITMG 481-Ethics in Information Technology	3	General Concentration Requirement
INFO 222-Database Concepts	3	General Concentration Requirement
ISSC 456-Digital Forensics: Investigating Wireless Networks and Devices	3	General Concentration Requirement
ISSC 499-Senior Seminar in Cybersecurity	3	Final Program Requirement Must be taken as final course
<b>Total credits to be taken at University</b>	57	120 Credits Needed for Graduation

**Additional Provisions**

Credit mapped toward the General Concentration. Other available concentrations for this program: 1) Wireless and Mobile Security

Credit variances in academic placement and credit award can occur based on student course selections and APUS' program requirements.

Any transferable course not used to fulfill General Education or Major/Concentration requirements may be taken. Please note remedial/developmental and vocational credit is not transferrable.

Note: In order to transfer courses to APUS, the student must earn a grade of "C" or better.