

Anne Arundel Community College A.A.S. Information Assurance and Cybersecurity, Security to Excelsior College B.S. Information Technology
Revision: December 2020

This program plan outlines how students may transfer from the **Anne Arundel Community College A.A.S. Information Assurance and Cybersecurity- Security** program to the **Excelsior College B.S. Information Technology** program. Upon completion of the **A.A.S. Information Assurance and Cybersecurity -Security** the following credits may apply for students enrolling in the **B.S. Information Technology** program.

This guide is only a sample scenario. Excelsior College reviews every student individually. Actual requirements will be dependent on the courses a student transfers and the application date with Excelsior.

Anne Arundel Community College Credits	Semester Hours	Excelsior College Requirements	Semester Hours
ENG 101: Academic Writing and Research 1	3	Written English Requirement	3
ENG 102: Academic Writing and Research 2	3	Written English Requirement	3
PHI 142: Ethics	3	Ethics Requirement	3
BIO 135: Principles of Nutrition	3	Free Elective	3
MAT 137: College Algebra	3	Mathematics Requirement	3
Social and Behavioral Sciences	3	Social Sciences Requirement	3
CTS 107: Cyber Essentials	3	Technology Elective	3
CTS 110: Network Essentials	4	Business Data Communications	4
CTS 120: Introduction to UNIX/LINUX	4	N/A	0
CTS 140: Network Security Fundamentals	4	Overview of Computer Security Requirement	4
CTS 234: Windows Server	4	Free Elective	4
CTS 130: Networking 1	4	Technology Elective	4
CTS 131: Networking 2	4	Technology Elective	4
CTS 240: Advanced Network Defense	4	Technology Elective	4
CTS 242: Network Intrusion Detection and Penetration Testing	4	Excess Credit	0
CTS 222: UNIX/LINUX System Administration (4 cr)	8	System Administration	4
CTS 236: Virtualization and Cloud (4 cr)		Free Elective	4
Total Credits Required for Associate	61	Total Credits Accepted from Associate	53

Credits Beyond The Associate That Can Be Transferred OR Taken At Excelsior

Anne Arundel Community College Credits	Semester Hours	Excelsior College Requirements
COM 110: Intro Interpersonal Comm or COM 111: Fund of Oral Communication	3	Communications Requirement
Humanities Electives	3	Humanities Requirement
Social Sciences/History Electives	6	Social Sciences/History Requirement
MAT 250: Intro to Discrete Structures	3	Discrete Math Requirement
MAT 135: Statistics	3	Statistics Requirement
Arts & Sciences Electives	21	Arts & Sciences Requirement
Total Additional Credits *	39	

***See below for courses that apply as "Arts and Sciences"**

Credits To Be Taken At Excelsior College *

Excelsior College Requirements	Semester Hours
INL 102: Information Literacy (<i>MUST be completed with Excelsior</i>)	1
IND 301: Cornerstone B (Pathways) (<i>MUST be completed with Excelsior</i>)	3
IT 211: Fundamentals of Programming (Introduction to Programming Requirement)	3
IT 313: Intermediate Programming (Intermediate Programming Requirement)	3
IT 370: Database Management Systems (Database Concepts Requirement)	3
IT 361: Computer Organization and Operating Systems	3
IT 371: Web Design and Development (Web Design and Development Requirement)	3
IT 390: Project Management (Project Management Requirement)	3
IT 375: Human-Computer Interaction Design (Human Computer Interaction Design Requirement)	3
IT 495: Integrated Technology Assessment Capstone (<i>MUST be completed with Excelsior</i>)	3
Total Credits	28

*All coursework, except where noted, may be completed at Excelsior or transferred from another accredited institution.

Evaluation Summary	Semester Hours
Credits Accepted from Associate Degree	53
Additional Credits beyond the Associate Degree	39
Credits from Excelsior *	28
Total Credits Required for Bachelor's Degree	120

* Students are required to take a minimum of **12.00 online course credits** from Excelsior to qualify for partner pricing.

What are Arts and Sciences?

We offer the following definitions to help you make these determinations. Remember, however, that before you pay to take a course or examination you should always consult with your advisor to make sure that it will help meet your degree requirements.

Humanities

Humanities subjects focus on developing knowledge and skills in critical reading, logical thought, and esthetic appreciation. Here are some subject areas typically classified as Humanities:

Art, Philosophy, Music, Foreign Language, Literature, Theater, Ethics, Speech, Religion, Communication

Social Sciences and History

Social Sciences and History subjects focus on individuals and society and the processes individuals use to order their world. Here are some subject areas typically classified as Social Sciences and History:

Psychology, Economics, Sociology, Geography, Political Science, History, Anthropology

Natural Sciences and Mathematics

Natural Sciences and Mathematics subjects focus on understanding the natural world and problem-solving processes. Here are some subject areas typically classified as Natural Sciences and Mathematics:

Anatomy and Physiology, College Algebra, Microbiology, Calculus, Chemistry, Genetics, Biology, Physics