

This program plan outlines how students can transfer from the **Missoula College A.A.S. Network Administration and Security** program to the **Excelsior College BS Cybersecurity- General Concentration** program. Upon completion of the **A.A.S. Network Administration and Security**, the following credits will apply for students enrolling in the **BS Cybersecurity** program.

Missoula College Credits	Semester Hours	Excelsior College Requirements	Semester Hours
CSCI 105: Computer Fluency	3	Free Elective	3
ITS 150: CCNA 1: Exploration	3	Data Communications & Networking Requirement	3
ITS 165: OS Commands & Scripts	3	Not Applicable	0
M 115: Probability and Linear Mathematics	3	Arts & Science Elective	3
WRIT 101: College Writing I	3	Written English Requirement	3
BGEN 105S: Intro to Sustainable Business	3	Free Elective	3
CSCI 135: Fundamentals of Computer Science I	3	Not Applicable	0
CSCI 172: Introduction to Computer Modeling	3	General Concentration Elective	3
ITS 210: Network OS - Desktop	3	General Concentration Elective	3
ITS 280: Computer Repair & Maintenance	3	Not Applicable	0
ITS 289: Professional Certification A+	1	Not Applicable	0
COMX 111A: Oral Communications	3	Communications Requirement	3
CSCI 215E: Ethics in Computer Science	3	Ethics Requirement	3
ITS 152: CCNA 2: Exploration	3	General Concentration Elective	3
ITS 212: Network OS - Server Administration	3	General Concentration Elective	3
Security Elective- Recommended: ITS 273	4	Computer Security Requirement	4
ITS 214: Network OS - Infrastructure	3	General Concentration Elective	3
ITS 222: Enterprise Security Seminar	3	Network & Applications Security Requirement	3
ITS 250: CCNA 3: Exploration	3	Not Applicable	0
ITS 252: CCNA 4: Exploration	3	Not Applicable	0
TS 298: Internship	2	Not Applicable	0
Total Credits Required for Associate	61	Total Credits Accepted from Associate	43

* Excelsior College requires Math courses at the level of College Algebra or above. The Cyber Operations and Information Technology program includes a Statistics requirement. Depending on what the student takes at their home institution, they will need the other requirement for Excelsior College.

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

UM and Missoula College Credits	Semester Hours	Excelsior College Requirements
WRIT 201: College Writing II	3	Written English Requirement
ARTH, ARTZ, COMX, MUSI, RLST, THTR or Language Course	3	Humanities Requirement
ANTY, ECNS, GPHY, HIST, PSYX, SOCI Course	9	Social Science Requirement
M 121: College Algebra	3	Arts & Science Elective
M 122: College Trigonometry	3	Arts & Science Elective
M 171: Calculus I	4	Calculus I Requirement
M 172: Calculus II	4	Calculus II Requirement
M 225: Introduction to Discrete Mathematics	3	Discrete Structures Requirement
STAT 216: Introduction to Statistics	3	Statistics Requirement
BIOL, CHMY, GEO, PHSX Course	3	Natural Science Requirement

Arts & Science Electives	10	Arts & Science Elective
CSCI 361: Computer Architecture	3	Computer Architecture/Microprocessors Requirement
CSCI 460: Operating Systems	3	Operating Systems Requirement
Total Additional Credits	54	

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Credits To Be Taken At Excelsior College *	
Excelsior College Requirements	Semester Hours
INL 102: Information Literacy	1
CYS 245: Introduction to Cybersecurity	1
CYS 260: Governance, Legal and Compliance	3
CYS 345: Cybersecurity Defense in Depth	3
CYS 426: Cyber Attacks & Defense	3
CYS 450: Security Focused Risk Management	3
IT 406: Computer Forensics	3
IT 460: System Administration	3
CYS 496: Capstone <i>NOTE: The Capstone MUST be completed at Excelsior</i>	3
Total Credits	23

* The above credits (with the exception of the **Capstone** course) may also be transferred in or taken at another 4-year regionally accredited institution.

Evaluation Summary	Semester Hours
Credits Accepted from Associate Degree	43
Additional Credits beyond the Associate Degree	54
Credits from Excelsior *	23
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.

NOTE: Excelsior College reviews every student individually and this guide is just a sample scenario. Actual requirements will be dependent on the courses a student transfers to Excelsior.

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