

Transfer Pathway/Articulated Courses
Traditional Undergraduate
Associate of Science (A.A.S.) in Cybersecurity and Bachelor of Science (B.S.) in Cybersecurity

2019-2020 Catalog

MSMU Emmitsburg <i>(Degree requirements in italics)</i>	Montgomery College (60 credits)
	Foundation Courses
General Elective	English Foundation (ENGL 102 or ENGL 103) (3)
<i>Math/Quantitative Analysis (Core)</i>	Math Foundation (MATH 115, 117, 120, 130, 150, 165,170, or 181) (3 or 4)
	Distribution Courses
<i>Arts/Humanities or History or Language (Core)</i>	Arts or Humanities Distribution (3) (ARTD or HUMD)
<i>Social Science</i>	Behavioral & Social Sciences Distribution (BSSD) (3)
<i>Natural Science with Lab (Core)</i>	Natural Sciences Lab Distribution with Lab(NSLD)(4)
General Elective	General Education Elective (GEEL): (3) PHIL 140 Introduction to the Study of Ethics
	Program Requirements
<i>College Writing</i>	ENGL 101 or ENGL 101A (3)
General Elective	CMSC 135 Introduction to Scripting (3)
<i>CYBER 161 - UNIX and Windows Operating Systems (3)</i>	CMSC 253 UNIX/LINUX System Administration (4)
General Elective	NWIT 127 Microcomputer Essentials (3)
<i>CYBER 160 Networking Administration (3)</i>	NWIT 151 Introduction to Networking (3)
	NWIT 252 Cisco Networking 2 (3)
<i>CYBER 210 Systems Operations Management (3)</i>	NWIT 173 Network Security (3)
	NWIT 245 Defending the Network (3)
General Elective	NWIT 230 Intro to Cyber Ops (3)
<i>CYBER 201 Secure Systems Design and Risk Management (3)</i>	NWIT 246 Attacker Tools and Techniques (3)
	NWIT 247 Introduction to Incident Response (3)
General Elective	NWIT 263 Introduction to Digital Forensics (3)
General Elective	NWIT 275 Wireless Security (3)
General Elective	NWIT 291 Cybersecurity Capstone (1)

Transfer Pathway/Articulated Courses (Continued)**Traditional Undergraduate****Associate of Science (A.A.S.) in Cybersecurity and Bachelor of Science (B.S.) in Cybersecurity**

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MSMU Emmitsburg Degree Completion Requirements (60 credits)
<i>PHIL 103 Foundations of Philosophy (3) (core)</i>
<i>THEOL 220 Belief in Today's World (3) (core)</i>
<i>THEOL 320 Encountering Christ (3) (core)</i>
<i>AMER 202 America in the World (3) (core)</i>
<i>Modernity in Literature, Art, Music, or Theatre (3) (core)</i>
<i>PHIL 300 or THEO 300 Ethics and the Human Good (3) (core)</i>
<i>Global Encounters (3) (core)</i>
<i>CYBER 357 Network Security (3)</i>
<i>CYBER 400 Cybersecurity Capstone (3)</i>
<i>CMSCI 120 Introduction to Computer Science I (3)</i>
<i>CMSCI 125 Introduction to Computer Science II (3)</i>
<i>CMSCI 277 Computer Architecture (3)</i>
<i>CMSCI 355 Network Systems and Design (3)</i>
<i>CMSCI 356 Operating Systems and Design (3)</i>
<i>CMSCI 358 Computer Security I (3)</i>
<i>CMSCI 359 Data Base Management Systems (3)</i>
<i>4 Electives selected from list below (12)</i>

* Electives: CIUST 130, CIUST 314, CIUST 319, BUS 270, ACCT 311, ACCT 312, DATA 200, MATH 228, CMSCI 349, CMSCI 359, CMCSI 459, CYBER 492