

Cybersecurity (A.A.S. Degree)

REMEDIAL SEQUENCE (if required)

<input type="checkbox"/> ESL 1 (8) ▶▶	<input type="checkbox"/> ESL 2 (6) ▶▶	<input type="checkbox"/> ESL 3 (6) ▶▶	<input type="checkbox"/> ENG 9 (4)
<input type="checkbox"/> ENG 1 (4) ▶▶	<input type="checkbox"/> ENG 2 (4)		
<input type="checkbox"/> RDL 1 (4) ▶▶	<input type="checkbox"/> RDL 2 (6)		
<input type="checkbox"/> MTH 1 (4) ▶▶	<input type="checkbox"/> MTH 5 (6)	<input type="checkbox"/> MTH 6 (6)	
<input type="checkbox"/> CHM 2 (4)			

GRADUATION REQUIREMENTS

<input type="checkbox"/> CAT-R	<input type="checkbox"/> CAT-W	<input type="checkbox"/> CAT-M	<input type="checkbox"/> GPA ≥ 2.0
<input type="checkbox"/> Writing Intensive I		<input type="checkbox"/> Writing Intensive II	

FRESHMAN SEMINAR

<input type="checkbox"/> FYS11	First Year Seminar	1
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PATHWAYS REQUIRED CORE (course list available online)

<input type="checkbox"/> <input type="checkbox"/> A	English Composition – ENG 110/111 and ENG 112/113/114/115/116	6
<input type="checkbox"/> B	Mathematical and Quantitative Reasoning MTH 23 OR MTH 30	3-4
<input type="checkbox"/> C	Life and Physical Sciences PHY 11	4

PATHWAYS FLEXIBLE CORE (course list available online)

<input type="checkbox"/> A-E	Any Flexible Core Course ²	3
<input type="checkbox"/> D	Individual and Society COMM 11	3
<input type="checkbox"/> E	Scientific World PHY 12	4

Pathways Total: 23-24

¹ It is highly recommended that students take FYS 11 in their first or second semester. Students must take FYS 11 prior to earning 24 equated or degree credits. Students who have earned 24 or more credits are permitted to use the one credit as a free elective.

² MTH 6 is a pre-requisite for PHY 11

³ HIS 10 or HIS 11 is strongly recommended. Students with remedial placement above ENG 1 & RDL 1 will take HIS 11.

TWO-YEAR ACADEMIC PLAN

SEMESTER I Freshman

		Credits
<input type="checkbox"/> ENG 110 OR ENG 111	Fundamentals of Composition and Rhetoric OR Composition and Rhetoric I (Required Core A)	3
<input type="checkbox"/> CSN 100	Introduction to Cybersecurity (Major Requirement)	3
<input type="checkbox"/> CSN 105	Computer Hardware and Software (Major Requirement)	4
<input type="checkbox"/> MTH 30 OR MTH 23	Pre-Calculus Mathematics (Required Core B)	3-4
<input type="checkbox"/> FYS 11 ¹	First Year Seminar (Major Requirement)	1
<input type="checkbox"/> Free Elective	Free elective credit (If MTH 23 is taken above)	0-1
Subtotal:		14

SEMESTER II Freshman

<input type="checkbox"/> ENG 113 ² OR ENG 112 OR ENG 114 OR ENG 115 OR ENG 116	Writing About Literature OR Composition and Rhetoric II OR Written Composition and Prose Fiction OR Written Composition and Drama OR Written Composition and Poetry	3
<input type="checkbox"/> PHY 11 ²	College Physics I (Required Core C) ²	4
<input type="checkbox"/> COMM 11	Fundamentals of Interpersonal Communication (Required Flexible Core D)	3
<input type="checkbox"/> CSN 110	Network Fundamentals (Major Requirement)	3
<input type="checkbox"/> CSN 130	Network Operating Systems I (Major Requirement)	3
Subtotal:		16

SEMESTER III

Sophomore

<input type="checkbox"/> Flexible Core A-E ³	Select ONE course from any Flexible Core A-E ³	3
<input type="checkbox"/> CSN 120	CSN 120 Network Switching and Routing (Major Requirement)	3
<input type="checkbox"/> CSN 132	CSN 132 Network Operating Systems II (Major Requirement)	3
<input type="checkbox"/> CSN 140	Network Scripting (Major Requirement)	4
<input type="checkbox"/> CSN 170	Internet and Cloud Computing (Major Requirement)	3
Subtotal:		16

SEMESTER IV Sophomore

<input type="checkbox"/> PHY 12	College Physics II (Required Flexible Core E)	4
<input type="checkbox"/> CSN 150	Cybersecurity (Major Requirement)	4
<input type="checkbox"/> CSN 160	Ethical Hacking and Network Penetration Testing (Major Requirement)	3
<input type="checkbox"/> CSN 190	Cybersecurity Project (Major Requirement)	1
<input type="checkbox"/> ART 10 OR MUS 10	Art Survey OR Music Survey (Major Requirement)	1
<input type="checkbox"/> PEA	Physical Education (Major Requirement)	1
Subtotal:		14

TOTAL: 60