



**MAJOR ACADEMIC PLAN (MAP)**  
**CYBER OPERATIONS**  
 CATALOG YEAR 2018-2019



**Sample Schedule (subject to course rotations)**

FALL		SPRING	
First Semester	CR	Second Semester	CR
Written Communication (ENGL 101)	3	CSC 134 Intro to Cyber Operations	3
CSC 105 Intro to Computers	3	CSC 250 Computer Science II	3
Oral Communication (SPCM 101 or SPCM 215)	3	CSC 363 Hardware, Virtualization & Data Comm.	3
CSC 150 Computer Science I	3	MATH 102 College Algebra	3
Gen Ed (choose from SS, AH, or NS)	3	Gen Ed (choose from SS, AH, or NS)	3
	<b>15</b>		<b>15</b>

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Third Semester	CR	Fourth Semester	CR
CIS 275 Web Application Programming I	3	CIS 375 Web App Programming II	3
CSC 234 Web Software Security	3	CSC 385 Networking II	3
CSC 383 Networking I	3	CSC 328 Operating Environments	3
CSC 300 Data Structures	3	Written Communication (ENGL 201)	3
Gen Ed (choose from SS, AH, or NS)	3	Gen Ed (choose from SS, AH, or NS)	3
	<b>15</b>		<b>15</b>

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Fifth Semester	CR	Sixth Semester	CR
CSC 314 Assembly Language	3	CSC 438 Defensive Network Security	3
CSC 321 Information Security Mgmt	3	CSC 456 Operating Systems	3
CSC 436 Off Network Security	3	CIS/CSC elective	3
MATH 201 Intro to Discrete Math	3	Gen Ed (choose from SS, AH, or NS)	3
CIS/CSC Elective	3	Gen Ed (choose from SS, AH, or NS)	3
	<b>15</b>		<b>15</b>

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Seventh Semester	CR	Eighth Semester	CR
CSC 404 Foundation of Computation	3	CSC 432 Malware Analysis	3
CSC 420 Cellular & Mobile Communications	3	CSC 437 Survey of Enterprise Syst	3
CSC 428 Reverse Engineering	3	CIS/CSC elective	3
General Elective	3	General Elective	3
General Elective	3	General Elective	3
	<b>15</b>		<b>15</b>

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Consult <https://catalog.dsu.edu/> for a list of general education options, general education requirements for each category, course descriptions, and course prerequisites.