



MAJOR ACADEMIC PLAN (MAP)
COMPUTER SCIENCE
 CATALOG YEAR 2018-2019



Sample Schedule (subject to course rotations)

FALL		SPRING	
First Semester	CR	Second Semester	CR
CSC 105 Introduction to Computers	3	CSC 250 Computer Science II	3
CSC 150 Computer Science I	3	MATH 201 Intro to Discrete Math	3
Written Communication (ENGL 101)	3	Gen Ed (choose from SS, AH, or NS)	3
MATH 102 – College Algebra	3	Gen Ed (choose from SS, AH, or NS)	3
Oral Communications (SPCM 101 or SPCM 215)	3	Gen Ed (choose from SS, AH, or NS)	3
	15		15

30

Third Semester	CR	Fourth Semester	CR
CSC 300 Data Structures	3	CSC 260 Object Oriented Design	3
CSC 314 Assembly Language	3	CSC 310 Advanced Data Structures	3
CSC 234 Software Security	3	Gen Ed (choose from AS, SS, or NS)	3
Written Communication (ENGL 201)	3	Gen Ed (choose from SS, AH, or NS)	3
MATH 120 Trigonometry	3	MATH 123 Calculus I	4
	15		16

31

Fifth Semester	CR	Sixth Semester	CR
CSC 383 Networking I	3	CIS 332- Systems Analysis & Design	3
CSC 410 Parallel Computing	3	CIS/CSC 300-400 Elective (#1)	3
CSC 461 Programming Languages	3	CIS/CSC 300-400 Elective (#2)	3
MATH 316 Discrete Math	3	MATH Elective (#1)	3
Elective	3	Gen Ed (choose from AS, SS, or NS)	3
	15		15

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Seventh Semester	CR	Eighth Semester	CR
CSC 470 Software Engineering	3	CSC 456 Operating Systems	3
CSC 482 Algorithms & Optimization	3	CSC 404 Foundations of Computation	3
CIS/CSC 300-400 Elective (#3)	3	Elective	2
MATH 281 Introduction to Statistics	3	Elective	3
MATH Elective (#2)	3	Elective	3
	15		15

29

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