



Computer Science Option
Software Development Option

The following is a guide to graduation with a bachelor's degree in COMPUTER SCIENCE – Computer Science Option by completing two years at Johnson County Community College followed by study at MSU. *A goal of completion at MSU within four additional semesters will require a heavy technically-intensive course load.*

Year 1 and Year 2 at Johnson County Community College	
Note: <i>The goal of completion of a Computer Science degree within four years is best approached by taking several science courses in the first two years. At the same time, the decision to take those science courses during the first two years may not complete either an Associate's degree or the General Education Transfer Block in the two years. Your General Education courses can be completed at MSU. Consult your advisor to select courses.</i>	
JCCC Course	MSU equivalent
COM 125 or ENGL 121	ENG 110 Writing I (GenEd Foundations)
(not ENGL 123 or 222)	Recommended: ENG 310 or 321 at MSU
COM 125 or SPD 121	COM 115 Public Speaking (GenEd Foundations)
MATH 173	MTH 138 Pre-Calculus I
MATH 241	MTH 261 Calculus I
BIOL 135	BIO 121 General Biology I
(several options)	General Education, Human Cultures, 12 cr. Hours
HIST 140 or 141	HST 121 or 122 (GenEd Public Affairs)
POLS 124	PLS 101 Am Dem. & Citizenship (GenEd Public Affairs) (Need MSU PLS 103)
(several options)	GenEd Public Affairs, 3 cr. hours
CS 134	CSC 130 The World of Computer Science
CS 200 or 201 or 205	CSC 131 Computational Thinking
CS 250 or 255	CSC 232 Data Structures
CS 210 and 211	MTH 215 Discrete Mathematics

To select specific courses where there are options, use the "New General Education Worksheet," http://www.missouristate.edu/assets/generaleducation/GenEdWorksheet_new.pdf and "How Credit Transfers," <http://www.missouristate.edu/admissions/howcredittransfers.htm>

Continued on next page

Years 3 and 4 at MSU			
First fall semester	Hours	First spring semester	Hours
CSC 232 Data Structures	4	Science or Computer Science Elective	3
Science or General Education Elective	3	CSC 335 Database Sys. Concepts	3
MTH 215 Discrete Math	3	CSC 4555 Software Assurance/Proj. Mgt	3
CSC 344 Comp. Sci. Fundamentals	3		
Total hours	13	Total hours	9

Years 3 and 4 at MSU			
Second fall semester	Hours	Second spring semester	Hours
Science or Computer Science Elective	3	Science or Computer Science Elective	6
CSC 365 Internet Programming	4	CSC 450 Software Engineering	3
CSC 338 Parallel & Dist. Computing	2	CSC 482 Seminar in Computer Science	1
Total hours	9	Total hours	10

Important resources for COMPUTER SCIENCE – Computer Science Option majors

MSU Departmental Office
Department of Computer Science
Cheek Hall 203
417-836-4157
Email: ComputerScience@missouristate.edu
www.cs.missouristate.edu

MSU Transfer advisor
Dr. Ajay Katangur
Department Head
417-836-6646
AjayKatangur@missouristate.edu

Specific websites:

<http://computerscience.missouristate.edu/undergraduate/software-development-flowchart.htm>
http://www.missouristate.edu/registrar/catalog/dept_cs.html

Online resources for prospective transfer students

MSU catalog www.missouristate.edu/catalog
General transfer information www.missouristate.edu/admissions/transfer
Transfer equivalency guide www.missouristate.edu/admissions/collcredit.htm

For assistance with admission and general questions

Lori Day
Transfer Student Recruiter-Evaluator
417-836-5517
LoriDay@MissouriState.edu

This document was prepared by the MSU Admissions Office, in conjunction with MSU's Department of Computer Science. This information was last updated on November 7, 2019 and is subject to change.