COMPUTER SCIENCE

The following is a guide to graduation with a bachelor's degree in **COMPUTER SCIENCE** by completing two years at St. Charles Community College (SCCC) 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 St. Charles Community College	
Note: 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.	

SCCC course	MSU equivalent
ENG101	ENG 110 Writing I *(GenEd Foundations)*
(not ENG115)	*Recommended: ENG 310 or 321 at MSU)*
SPE 102	COM 115 Public Speaking *(GenEd Foundations)*
MAT 171	MTH 138 Pre-Calculus
MAT 180	MTH 261 Calculus I
MAT 230	MTH 280 Calculus II
BIO 101 and 103	BIO 121 General Biology I
(several options)	*General Education, Human Cultures, 12 cr. hours*
HIS 101 or 102	HST 121 or 122 *(GenEd Public Affairs)*
POL 101	PLS 101 Am Dem. & Citizenship *(GenEd Public Affairs)*
(several options)	*GenEd Public Affairs, 3 cr. hours*
CPT182 or 185	CSC 130 The World of Computer Science
CPT 186 or 186X	CSC 131 Computational Thinking

To select specific courses where there are options, use the "New General Education Worksheet,"
http://www.missouristate.edu/assets/gened/GenEdWorksheet_New_2014.pdf and
"How Credit Transfers," http://www.missouristate.edu/admissions/howcredittransfers.htm

Years 3 and 4 at MSU			
First fall semester	**Hours**	**First spring semester**	**Hours**
CSC 232 Data Structures	4	PHY 203 Found. of Physics I	5
Science or General Education Elective	3	Science or Computer Science Electives	3
MTH 215 Discrete Math	3	CSC 325 Algor. & Adv. Data Structures	3
CSC 320 Computer Architecture	3	CSC 335 Database Sys. Concepts	3
Total hours	**13**	**Total hours**	**14**

Years 3 and 4 at MSU			
Second fall semester	**Hours**	**Second spring semester**	**Hours**
Science or Computer Science Elective	3	MTH 345 Stat. for Sci. and Engineers	3
CSC 365 Internet Programming	4	CSC 450 Software Engineering	3
CSC 333 Languages and Machines	4	CSC 482 Seminar in Computer Science	1
CSC 460 Operating Systems	3	Science or Computer Science Electives	6
Total hours	**14**	**Total hours**	**13**

Important resources for COMPUTER SCIENCE majors

MSU departmental office for COMPUTER SCIENCE major
Department of Computer Science
Cheek Hall 203
417-836-4157
Email: ComputerScience@missouristate.edu
www.cs.missouristate.edu
       Specific websites:
               http://computerscience.missouristate.edu/undergraduate/129468.htm
               http://www.missouristate.edu/registrar/catalog/dept_cs.html

MSU transfer advisor
Dr. Ken Vollmar
Department Head
417-836-4157
KenVollmar@missouristate.edu

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

Dixie Williams
Assistant Director of Admissions-Transfer Coordinator
417-836-5517
DixieWilliams@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 Oct. 17, 2014 and is subject to change.