COMPUTER SCIENCE

The following is a guide to graduation with a bachelor's degree in **Computer Science** by completing two years at MSU-WP and three years at MSU-Springfield.

Year 1 and Year 2 at MSU-WP

Note: Only by taking several Computer Science courses within the first two years is it possible to complete a Computer Science degree within four years. At the same time, the decision to take those science courses during the first two years makes it impossible to complete either an Associate's degree from MSU-WP or the General Education Transfer Block in the two years. The courses shown below during the first two years at MSU-WP will contribute to a B.S. degree in Computer Science, but the MSU-WP courses will neither complete an Associate of Arts degree, an Associate of Applied Science Degree, or the General Education Transfer Block. The selection and schedule of the general education courses are flexible and are shown below as examples only.

MSU-WP course	MSU-Springfield equivalent
ENG 150 (3)	ENG 110 (3)
COM 115 (3)	COM 115 (3)
ENG 221 (3)	ENG 221 (3)
HST 121 or 122 (3)	HST 121 or 122 (3)
PLS 101 (3)	PLS 101 (3)
15 hours of General Education (many options)*	(many options)* (15)
MTH 138 Pre-Calculus (5) MTH 261 Calculus I (5) MTH 280 Calculus II (5) CS-approved Science course (many options)** (4) General Electives (6)	MTH 138 Pre-Calculus (5) MTH 261 Calculus I (5) MTH 280 Calculus II (5) (many options)* (4) General Electives (6)
Total hours: 55	Total hours: 55

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

*** CS science courses are shown at http://computerscience.missouristate.edu/undergraduate/ProgramRequirements.htm*

Year 3 at MSU-Springfield			
Fall semester	**Hours**	**Spring semester**	**Hours**
PHY 203 Found. of Physics I, GEP 8	5	CSC 131 Intro to Computer Science I	4
CSC 130 The World of Computer Science	3	MTH 215 Discrete Math	3
General or Science Elective	6	Science Elective	4
		General or Science Elective	3
Total hours	**14**	**Total hours**	**14**

Year 4 at MSU-Springfield			
Fall semester	**Hours**	**Spring semester**	**Hours**
CSC 232 Intro to Computer Science II	4	CSC 333 Languages and Machines	4
CSC 320 Computer Architecture	4	CSC 325 Algor. & Adv. Data Structures	3
MTH 345 Stat. for Sci. and Engineers	3	CSC 335 Database Sys. Concepts	3
General or Science Elective	3	General or Computer Science Elective	3
Total hours	**14**	**Total hours**	**13**

Year 5 at MSU-Springfield			
Fall semester	**Hours**	**Spring semester**	**Hours**
CSC 365 Internet Programming	3	CSC 450 Software Engineering	3
CSC 460 Operating Systems	3		
CSC 482 Seminar in Computer Science	1		
General or Computer Science Elective	3		
General or Computer Science Elective	3		
Total hours	**13**	**Total hours**	**3**

Important notes about this MSU major

- A total of 125 hours are required for graduation; consider this requirement when selecting courses.

- This information is provided as a guide. Students are required to fulfill MSU-Springfield graduation requirements to receive a degree and should consult their MSU-Springfield advisor and the MSU-Springfield undergraduate catalog for details, including the policy under which a transfer student who remains continuously enrolled may follow MSU-Springfield graduation requirements in effect when the student first enrolled at their transfer institution (MSU-WP).

- Courses required for a Computer Science major will satisfy a Mathematics minor.

Important resources for Computer Science majors

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

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

Online resources for prospective transfer students

Specific information for MSU-WP students   www.missouristate.edu/transferwp
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 information was last updated on June 14, 2013 and is subject to change.