Missouri State University
Computer Science "Software Development" Option

MAT 150&162 Or MAT 171

MTH 135 (3) College Algebra
AND
MTH 181 (3) Trig
OR
MTH 138 (5) Pre-Calculus

MTH 215(3) Discrete Math (MAT 260) OR MTH 261(5) Calculus I (MAT 190)

CSC 130(3) The World of Computer Science — CPT 135 & CPT 165

CSC 131(4) Computational Thinking — CPT 182 & CPT 186

Concurrent Is OK

CPT 287 — CSC 232(4) Data Structures

CSC 335(3) Database Systems Concepts (Spring Only)

CPM 190 — CSC 365(3) Internet Programming (Fall Only)

CSC 455(3) Software Assurance/ Proj. Mgt.

CSC 344(3) Computer Systems Fundamentals

Concurrent Is OK

CSC 338(2) Parallel & Distributed Computing

60 cr. Hrs.

CSC 482(1) Seminar in Computer Science

CSC 450(3) Software Engineering

GRADUATE**

Information for St. Charles Community College transfer students – OTC Equivalent courses shown in shaded boxes.

MINOR is required
See http://www.missouristate.edu/registrar/catalog/majorsminors.htm#Minors

Declare your minor by e-mailing registrar@missouristate.edu

Use my.missouristate.edu to register and make changes to your schedule.

GenEd. Science: at least 7 hrs from:

GLG 110 (4)	BMS 110+111 (4)
GRY 135 (4)	PHY 123 (4)
GRY 142 (4)	AST 115 (4)
BIO 121 (4)	CHM 116+117 (5)

Other science or math courses may be acceptable with department approval.

Other GenEd.

ECO 165 (3)
ENG 321 (3)
PSY 121 (3)

Each of these courses may also count towards or satisfy General Education requirements. *Other courses may be acceptable with department approval.*

One Course in:

MKT 350 (3)	PSY 305 (3)
MGT430 (3)	PSY 481 (3)
COM 315 (3)	

Choose 9 hours from among:

CSC 325 (3), F,S	Algorithms & Data Structures
CSC 333 (2), F,S	Languages & Machines
CSC 399 (1--6), D	Cooperative Education
CSC 515 (3), D	Advanced Internet Programming
CSC 521 (3), D	Compiler Construction
CSC 525 (3), F	Computer Graphics
CSC 535 (3), D	Data Mining
CSC 540 (3), S (even yrs.)	Intro. to Artificial Intelligence
CSC 545 (3), S	Computer Speech, Music & Images
CSC 565 (3), F	Computer Networking
CSC 567 (3), S	Mobile Computing Applications
CSC 587 (3), D	Computing for Bioinformatics
CSC 590 (1-4), D	Adv. Topics in Computer Science
CSC 596 (1-3), F,S,SU	Special Readings

*D = Demand, F = Fall, S = Spring, SU = Summer

Note: Six hours must come from classes other than CSC 399 or CSC 596.

**To graduate at least 125 hours of courses must be taken Including at least 40 hours of courses numbered 300 and above

For further information about Computer Science at Missouri State please contact:

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St. Charles COMMUNITY COLLEGE

Missouri State

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