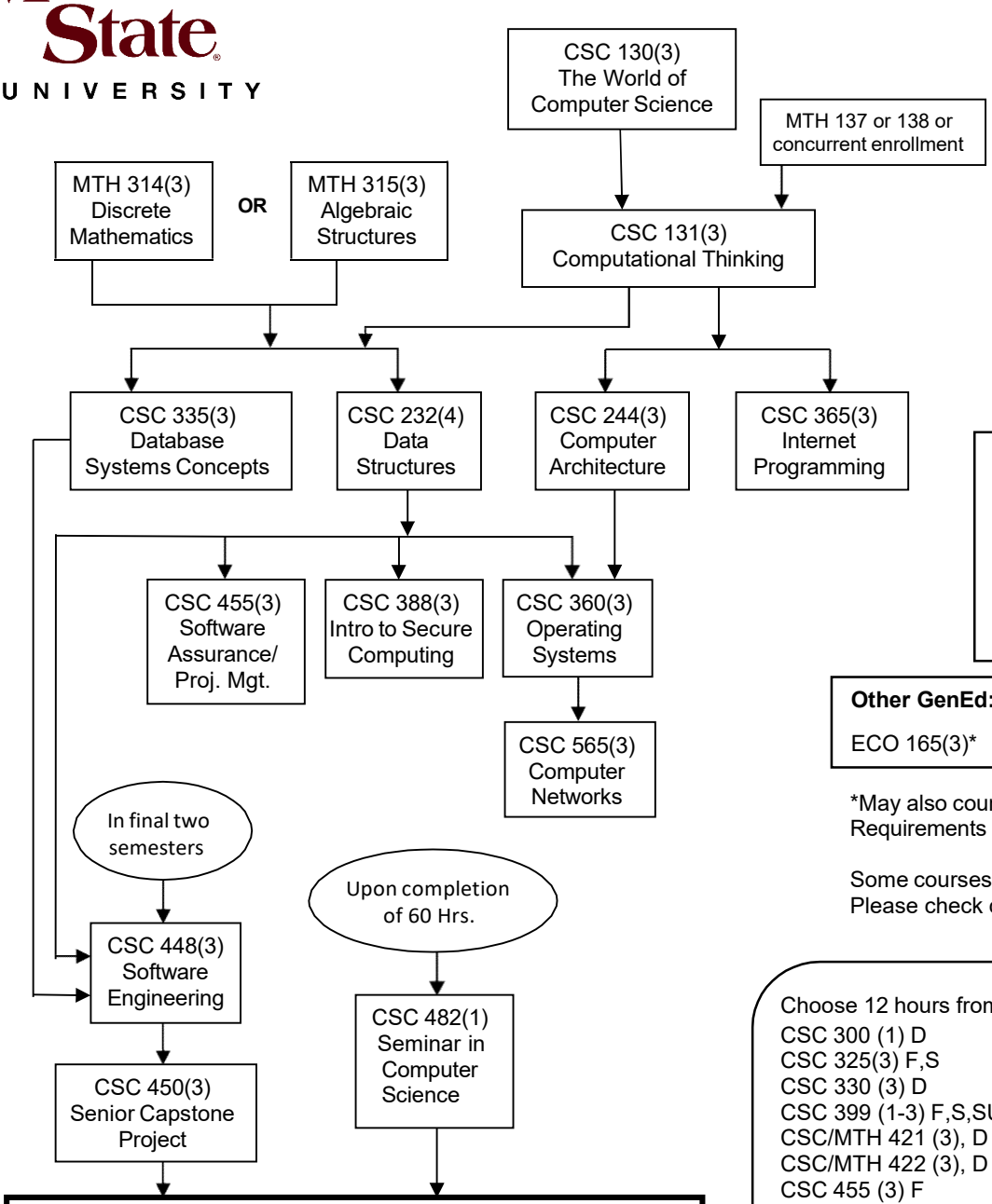
Computer Science Degree Program

Software Development Option

Revised 4/17/2026

Missouri State University



GRADUATE**

Successful completion of the computer science major field test (MFT) with at least a score of 140 is required

** To graduate at least 120 hours of courses must be taken including at least 40 hours of courses numbered 300 and above

MINOR IS REQUIRED

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

Declare your minor by emailing registrar@missouristate.edu

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

One Course in:

MKT 350(3)	PSY 305(3)
MGT 340(3)	PSY 481(3)
COM 315(3)	

Other courses may be acceptable with department approval.

Choose one course from each group (at least one of the courses with a lab:
BIO 121(4)*, BMS 110(3)*, BMS 110/BMS 111(4)*, CHM 116(4)*, CHM 116/117(5)*, CHEM 160(4)*, CHM 160/161(5)*, GLG 110(4)*, GLG 171(3)*, GRY 135(4)*, GRY 142(4)*, PHY 123(4)*, PHY 203(%)*, AST 113(3)*, AST 114(4)*, and AST 115(4)*

Other GenEd:

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

*May also count toward General Education Requirements

Some courses have prerequisites that aren't shown. Please check catalog.

Choose 12 hours from among:

CSC 300 (1) D	Service Learning in CS
CSC 325(3) F,S	Algorithms & Adv. Data Structures
CSC 330 (3) D	Intro to Data Science
CSC 399 (1-3) F,S,SU	Cooperative Education
CSC/MTH 421 (3), D	Numerical Analysis I
CSC/MTH 422 (3), D	Numerical Analysis II
CSC 455 (3) F	Software Quality Assurance
CSC 515 (3) S	Advanced Internet Programming
CSC 521 (3) D	Compiler Construction
CSC 525 (3) F	Computer Graphics
CSC 526 (3) D	Methods of Optimization
CSC 534 (3) S	Big Data Analytics
CSC 535 (3) D	Data Mining
CSC 537 (3) D	Deep Learning
CSC 538 (3) D	Parallel & Distributed Computing
CSC 540 (3) S	Intro. to Artificial Intelligence
CSC 545 (3) S	Computer Speech, Music & Images
CSC 567 (3) S	Mobile Computing Applications
CSC 590 (1-4) D	Adv. Topics in Computer Science
CSC 596 (1-3) D	Special Readings

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

Note: No more than three hours can count from CSC 399 and no more than 3 hours can count from CSC 596.

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

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