



Missouri State University

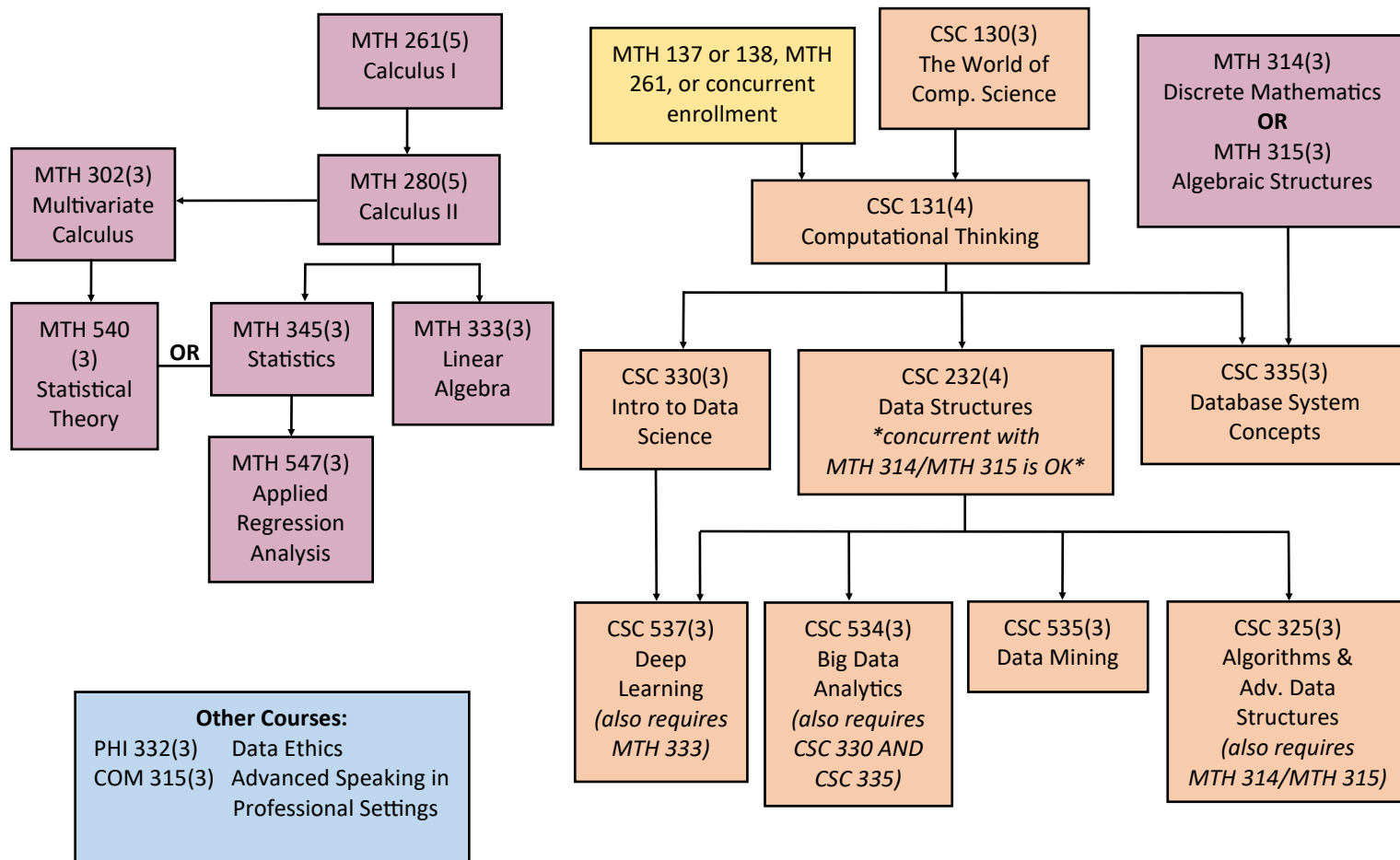
Department of Computer Science & Department of Mathematics

Interdisciplinary Bachelor of Science in Data Science



Rev. 7/1/2024

Some courses have prerequisites not listed on this flowchart. Please check the catalog.



Optional Courses:

Choose any four classes for a total of 12 credit hours from the following:

Computer Science Options:

CSC 399 (3) F,S,SU Cooperative Education
 CSC 450 (4) F,S Intro to Software Engineer.
 CSC 526 (3) D Methods of Optimization
 CSC 538 (3) D Parallel & Distributed Computing
 CSC 540 (3) S (even yrs) Intro to Artificial Intelligence
 CSC 545 (3) S Comp. Speech, Music & Images
 CSC 587 (3) D Computing for Bioinformatics
 CSC 596 (3) D Special Readings

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

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

Mathematics Options:

MTH 541 (3) F,S Statistical Theory II
 MTH 543 (3) S Stochastic Modeling
 MTH 545 (3) S Applied Statistics
 MTH 546 (3) D Analysis of Variance & Design of Experiments
 MTH 548 (3) F Applied Time Series Analysis
 MTH 580 (3) F Applied Mathematics
 MTH 596 (3) F,S Readings

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