CS core A → B means A is a prerequisite of B

Intro to CS
one of:
103: Taming Big Data
104: Robots Rule!
105: Game Development
106: Can Comp. Think?
107: Creative Computing
108: Scientific Computing

109: Can Comp. Think?
110: Programming on Purpose
111: Computer Organization
112: Algorithms
113: Large-Scale Software Development
114: Data Structures
115: Introduction to Computing

MTH 197 or 199

250: Algorithms
260: Large-Scale Software Development

251: Data Structures

120: Programming on Purpose

270: Computer Organization

261: Algorithms

151: Data Structures

206: Text Analytics
233: Data Analytics
234: Visualization
235: Modeling and Simulation
240: Web Programming
243: Bioinformatics
245: CS of games

Requires just CSC 10x
206: Text Analytics
233: Data Analytics
234: Visualization
235: Modeling and Simulation
240: Web Programming
243: Bioinformatics
245: CS of games

Requires CSC 120
236: Network Protocols
Alternate prereqs: CSC 10x & 118
237: Data Communication
Alternate prereqs: CSC 10x & 118

Requires CSC 151
320: AI
321: Data Mining & Machine Learning
325: Robotics
329: Neural Networks
330: Theory of Computing
340: Databases
350: Theory of Computing
360: Software Engineering
370: Programming Languages
375: Compilers

Requires CSC 120
326: Network Protocols
Alternate prereqs: CSC 10x & 118
327: Data Communication
Alternate prereqs: CSC 10x & 118

330: Theory of Computing
333: Parallel Computing
335: Operating Systems
Additional prereq: 270

360: Software Engineering

Alternate prereqs: CSC 10x & 118

Theory Group
350: Theory of Computing
370: Programming Languages
380: User Interfaces
385: Graphics

Systems Group
333: Parallel Computing
335: Operating Systems
Additional prereq: 270

360: Software Engineering

Requires CSC 260
360: Software Engineering

Additional prereq: 270

Capstone Sequence: 497 + 498 + 499 or 497 + 498 + add’n 3xx

All CS core courses + 1 from Theory + 1 from Systems + 2 courses > 300 + 1 course > 110 + Capstone Sequence: 497 + 498 + 499 or 497 + 498 + add’n 3xx =