

Computer Science Major Checklist (Fall 2019)

Course(s)	Suggested Year	Done	Need
Introductory Course (CHOOSE ONE)			
CPSC 120 Fundamentals of Computer Science I	FR		
CPSC 150 Scientific Computing	FR		
Core Courses (8 Units)			
CPSC 170 Fundamentals of Computer Science II	FR		
CPSC 250 Data Structures and Algorithms	SO		
CPSC 270 Software Engineering and Project Design	SO		
CPSC 350 Databases and Web Programming	JR		
CPSC 370 Data Mining	JR		
CPSC 450 Theory of Computation	SR		
CPSC 470 Senior Project	SR		
MATH 131 Discrete Mathematics	FR/SO		
Statistics Course (CHOOSE ONE)			
STAT 210 Statistical Methods I	SO/JR		
STAT 220 Statistical Methods II	SO/JR		
Electives (CHOOSE THREE, SEE GUIDELINES BELOW)			
First Elective: _____	JR/SR		
Second Elective: _____	JR/SR		
Third Elective: _____	JR/SR		
- Any CPSC course not in the core, at the 300-level or above, can count as an elective.			
- One elective must be a CPSC course at the 400-level.			
- At most one elective may be a MATH course at the 200-level or above with coordinator approval.			