

## Guidelines for Advising Curriculum Transition (Changes Starting FALL 2022)

### Bachelors of Science in Computer Science (CS DS) MAJOR \*MINOR

This table reflects course name changes and equivalences

Old Version (Fall 2020 to Spring 2022)	New Version (Starting Fall 2022)	Minor
<b>CS 151: Introduction to Programming</b> Language: Python Pre-req: None	<b>CS 151: Introduction to Programming*</b> Language: Python Pre-req: None	<b>X</b>
<b>CS 241: Data Structures</b> Language: Python Pre-req: CS 151	<b>CS 152: Data Structures</b> Language: Python Pre-req: CS 151	<b>X</b>
<b>MATH 251W: Fndns of Advanced Math</b> Language: - Pre-req: CS 151	<b>MATH 251W: Fndns of Advanced Math</b> Language: - Pre-req: CS 151	
<b>CS 260: Software Development</b> Language: - Pre-req: -	<b>CS 261: Software Development</b> Language: JavaScript, CSS, HTML5 Pre-req: CS 152	
<b>CS Elective &gt; 100</b> (CS 399: Topics: Networks and Systems / CS 353: Architecture and Compilers)	<b>CS 271: Networks and Systems</b> Language: C Pre-req: CS 152	
<b>CS 343 Analysis of Algorithms</b> Language: Python Pre-req: CS 241 and MATH 251W	<b>CS 351 Analysis of Algorithms</b> Language: Python Pre-req: CS 152 and MATH 251W	
<b>CS Elective &gt; 100</b> (CS 399: Computers, Ethics, and Public Policy)	<b>DATA 352W: Ethics, Teamwork and Communication</b> Pre-req: CS 151	
<b>CS Elective &gt; 300</b>	<b>CS Elective or Approved Course any level*</b>	<b>X</b>
<b>CS Elective &gt; 300</b>	<b>CS Elective or Approved Course any level*</b>	<b>X</b>
<b>CS Elective &gt; 300</b>	<b>CS Elective or Approved Course any level*</b>	<b>X</b>

*\*DATA or MATH prefixed courses and  
courses with programming components are  
eligible at advisor discretion.*