

# Computer Science Core Curriculum

## COE Required

E 101: Introduction to Engineering & Problem Solving  
 E 102: Engineering in the 21<sup>st</sup> Century

## CSC + COE Required

E 115: Introduction to Computing Environments

## Software Engineering & Programming Languages

CSC 116: Introduction to Programming – Java  
 CSC 216: Programming Concepts – Java  
 CSC 230: C and Software Tools  
 CSC 326: Software Engineering  
 CSC 492: Senior Design

## Theory and Algorithms

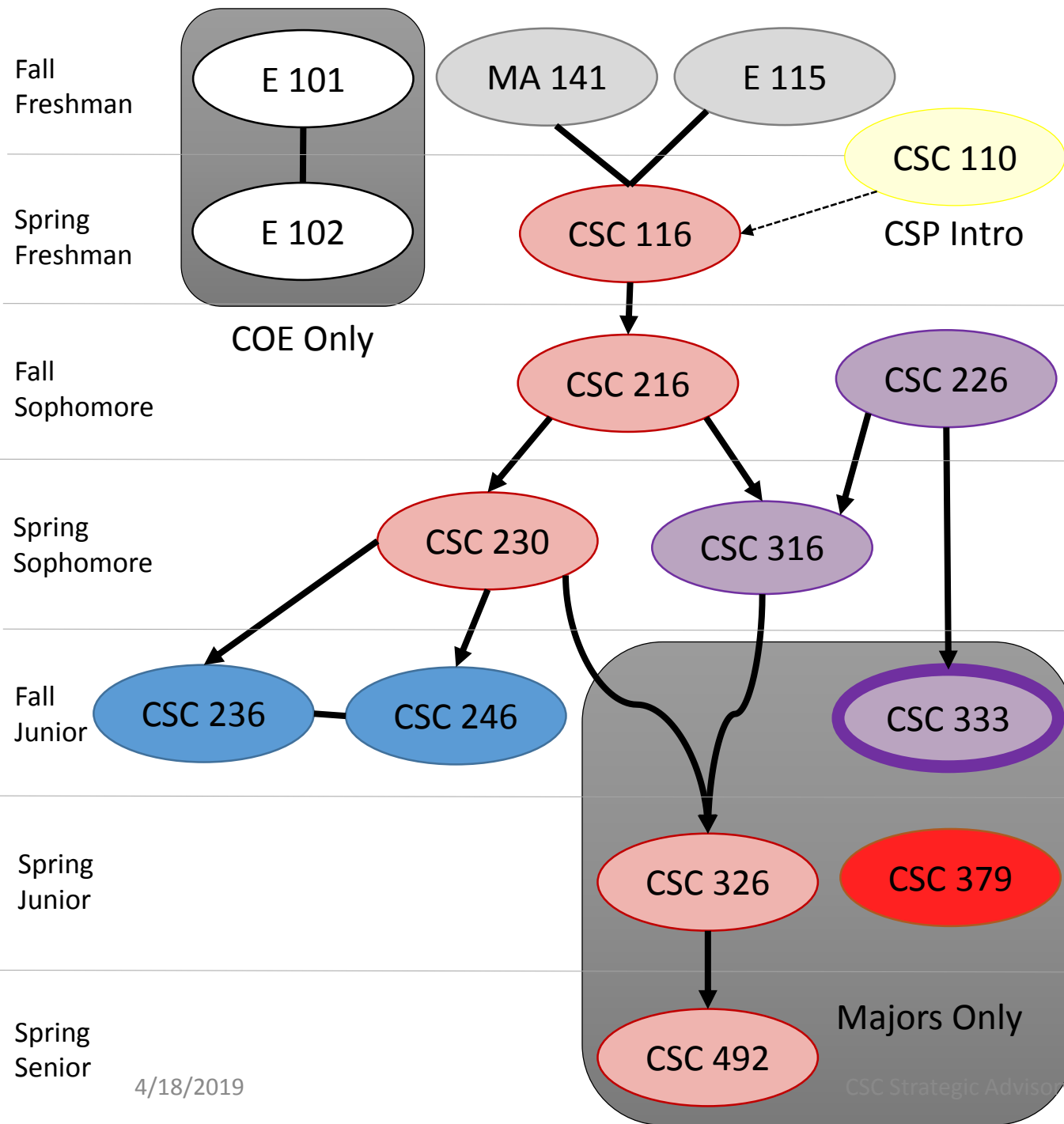
CSC 226: Discrete Math  
 CSC 316: Data Structures  
 CSC 333: Automata, Grammars, and Computability

## Systems

CSC 236: Computer Organization & Assembly Language  
 CSC 246: Concepts and Facilities of Operating Systems

## Security

CSC 379: Ethics in Computing



Fall  
Freshman

Spring  
Freshman

Fall  
Sophomore

Spring  
Sophomore

Fall  
Junior

Spring  
Junior

Spring  
Senior

COE Only

Majors Only