

BYU Computer Science Minor

(19-20 Credit Hours)

Fall 2025

Grades below C- are not allowed in minor courses

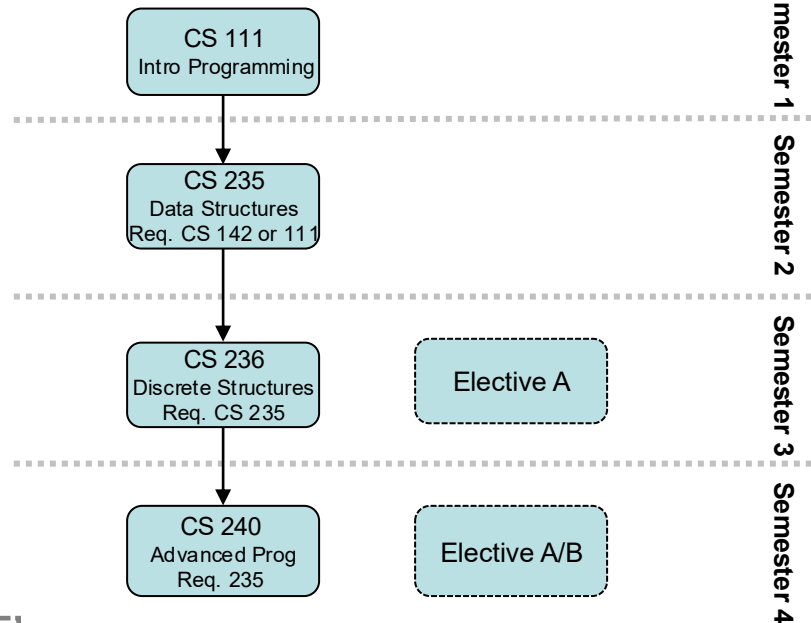
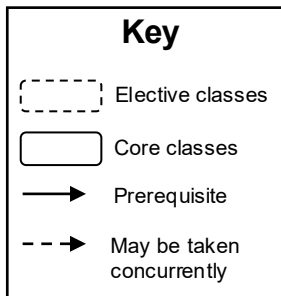
Core Requirements

1. Complete the following courses:
CS 111, 235, 236, 240

Elective Course Requirements: Complete a total of 2 courses from the following options (6 credits)

2. Complete up to six hours from the following courses:
CS 180, 201R*, 252, 256, 260, 270, 301R*, 312, 324, 329, 330, 340, 345, 355, 356, 393, 401R*, 412, 416, 428, 430, 431, 450, 452, 453, 455, 456, 460, 462, 465, 466, 470, 471, 473, 474, 479, 486
 3. Complete up to three hours from the following courses:
CS 224 or EC EN 224
- * Note: if these classes are chosen, they must be taken for three credit hours.

Guide only – Consult MyMap for your major/minor requirements



Elective A Complete 3 credit hours, or up to 6

CS 180 Intro to Data Science	CS 312 Algorithm Analysis Req: CS 236	CS 356 Advs Tech in HCI Req: CS 256 & 260	CS 431 Alga Lang & Compilers Req: CS 340	CS 462 Distributed Systems Req: CS 260 or 324	CS 479 Intro to Machine Translation
CS 201R** Topics in CS	CS 324 Systems Programming Req: CS 224	CS 393 Collaborative Problem Solving Req: CS 240 and CS 312	CS 450 Computer Vision Req: 312, & MATH 213, 215	CS 465 Computer Security Req: CS 324	CS 486 Verification & Valid. Req: CS 312
CS 252 Intro Comp Theory Req: CS 236	CS 329 QA & Dev Ops Req: CS 240 & 260	CS 401R** Topics in CS	CS 452 Database Modeling Req: CS 240	CS 466 Blockchain Technologies CS 312	
CS 256 Intro to HCI	CS 330 Programming Lang. Req: CS 236 and 260 or 224 Or CS 235 and Math 299	CS 412 Convex Optimization Req: CS 240, Math 213 & 215	CS 453 Info Retrieval Req: CS 240	CS 470 Artificial Intelligence Req: 312, Math 215, Stat 121	
CS 260 Web Programming Req: CS 142 or 111	CS 340 Software Design Req: CS 240 & CS 260	CS 416 Adv. Algorithms Req: CS 240 & CS 312	CS 455 Computer Graphics CS 355, MATH 213, 215	CS 471 Voice User Interfaces	
CS 270 Intro to Machine Learning Req: CS 111 & Math 113	CS 345 Operating Sys Design Req: CS 224, 240	CS 428 Software Engineering Req: CS 340	CS 456 Mobile & Ubiquitous HCI Req: CS 240 & CS 356	CS 473 Avd. Machine Learning CS 270 & Math 213 & 215	
CS 301R** Topics in CS	CS 355 Interactive Graphics Req: CS 240, MATH 213, 215	CS 430 Formal Verification Req: CS 330 or Math 290	CS 460 Comp. Comm & Networking Req: CS 235	CS 474 Deep Learning CS 270 or CS 312 or Math 320	

Elective B Complete up to 3 hours

CS 224 Comp Systems Req: CS 235	EC EN 224 Intro to Computer Sys Req: CS 11, 142
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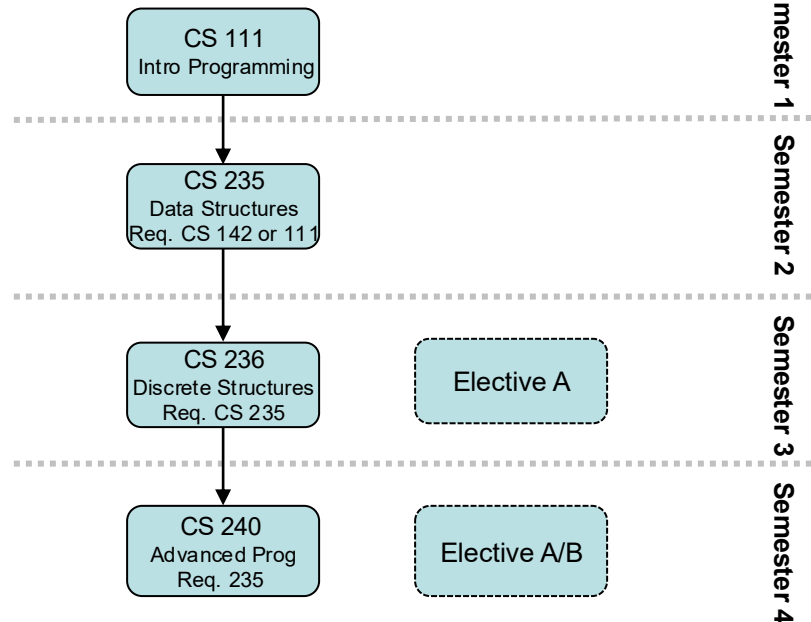
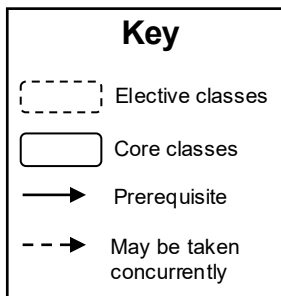
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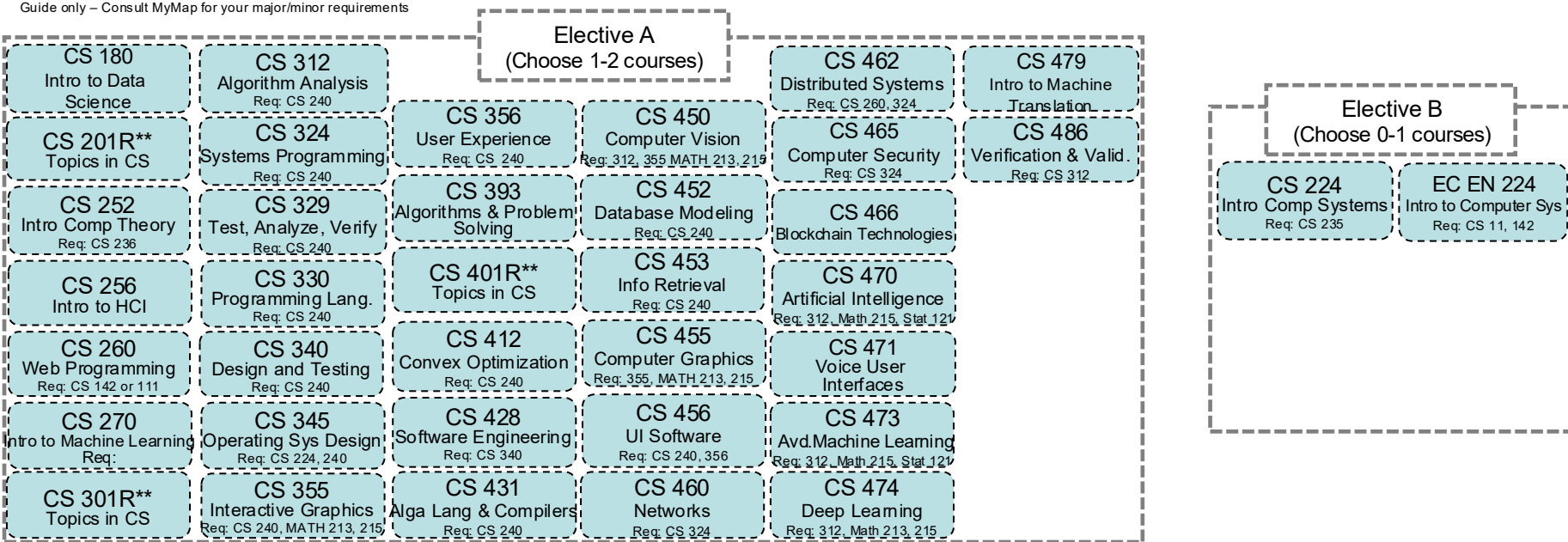
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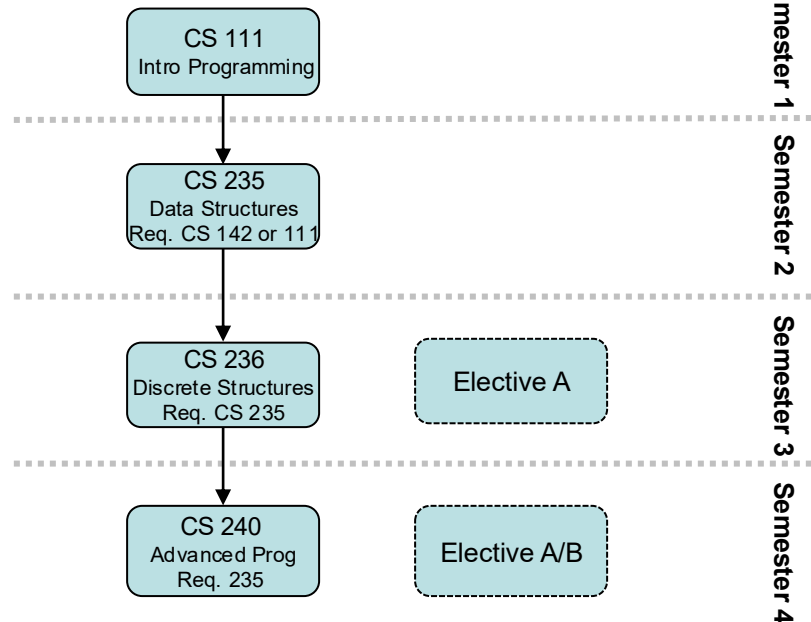
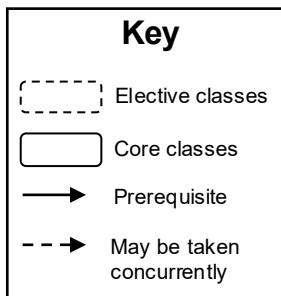
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