

BYU Computer Science Animation Emphasis

Fall 2018 Requirements

- Grades below C- are not allowed in major courses
- Core Course Requirements (78.5-79.5 Hours)**
- Complete the following prerequisite courses: CS 142, CS 235, CSAnm 150
- Apply to the program
- Complete the following: CS 224, 236, 240, 252, 312, 324, 340, 355, 404, 455
- Complete the following supporting courses: CSAnm 354, Engl 316, Math 112, 113, 313, Phscs 121, TMA 102, 294 and Stat 121 or 201
- Complete either CSAnm 450R or 459R

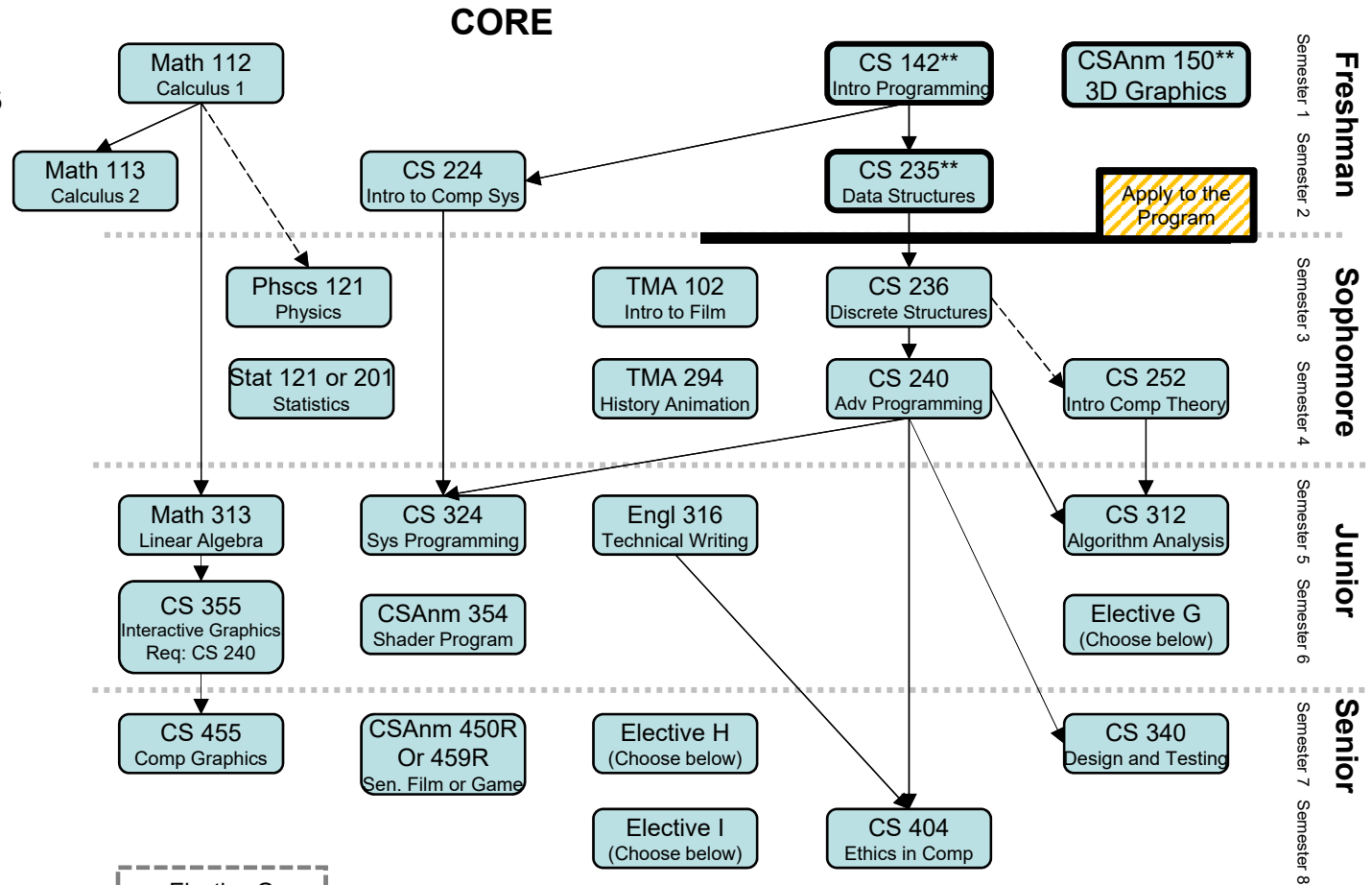
- Elective Course Requirements**
- Complete 1 course from the following: ArtHC 111 or ArtHC 202
 - Complete 1 course from the following: CS 498R*, 501R*, CSAnm 351R, 355, 452R, 458, CHEM 500, EC EN 425 or any CS 400 or 500-level course not used in above requirements
 - Complete 1 courses from the following: CS 260, 330, 345, 356, EcEn 425, or any 400-level CS courses (except CS 404, 405, 455, and 498R*)
- *CS 401R, 498R & 501R must be taken for 3 credits

Guide only – Consult MyMap for your specific requirements

Key

- Elective classes
- Core classes
- Prerequisite
- May be taken concurrently
- ** Must be completed before applying to program

Updated 4/24/2018



Elective G
(Choose 1 course)

CS 260 Web Programming Req: 142	CS 418 Bioinformatics Req: 240	CS 453 Info Retrieval Req: 240	CS 470 Artificial Intelligence Req: 312, Math 313, Stat 121
CS 330 Prog Languages Req: 240	CS 428 Software Engineer Req: 340	CS 456 UI Software Req: 240, 256	CS 478 Machine Learning Req: 312, Math 313, Stat 121
CS 345 Operating Sys Dsgn Req: 224 & 240	CS 431 Compilers Req: 340	CS 460 Networks Req: 324 or 360	CS 486 Verification & Valid Req: 312
CS 356 User Experience Req: 240	CS 450 Computer Vision Req: 312, 355, Math 313	CS 462 Distributed Systems Req: 324, 340	EC EN 425 Real Time Op Sys Req: EC EN 323 & 330
CS 401R** Topics in CS	CS 452 Database Modeling Req: 240	CS 465 Security Req: 324 or 360	

Elective H
(Choose 1 course)

CSAnm 351R Lighting for 3D	CS 498R* Special Projects Req: CS 240
CSAnm 355 Photo for Anim	CHEM 500 Business Essentials
CSAnm 452R Senior Film 2	EC EN 425 Real Time Op Sys
CSAnm 458 3D Effects	CS 4xx or 5xx

Elective I
(Choose 1 course)

ArtHC 111 Art History
ArtHC 202 World Civ 1500+

Semester 1 Freshman
 Semester 2 Freshman
 Semester 3 Sophomore
 Semester 4 Sophomore
 Semester 5 Junior
 Semester 6 Junior
 Semester 7 Senior
 Semester 8 Senior