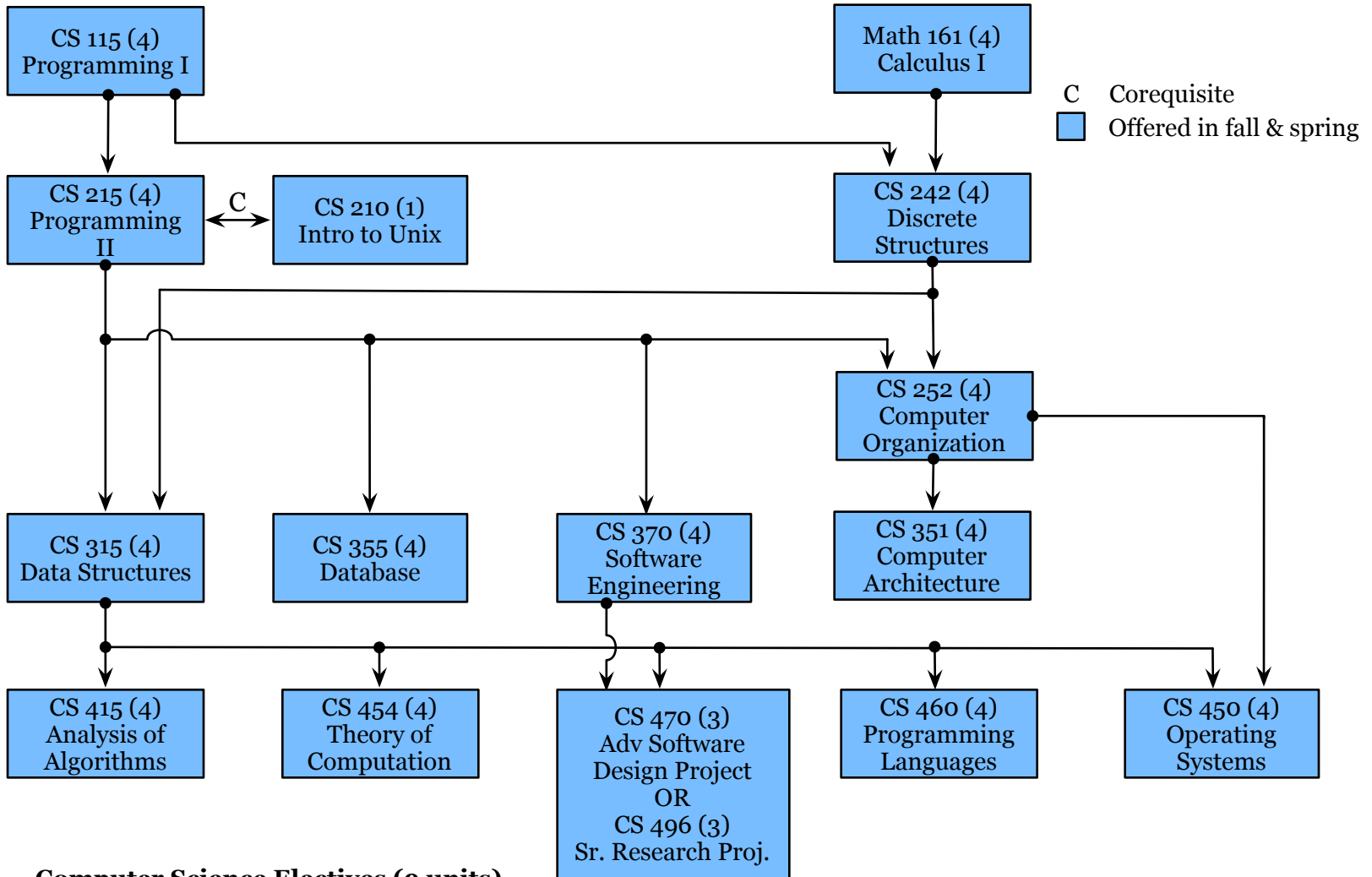


Sonoma State University CS Degree Requirements

Updated Summer 2018



Computer Science Electives (9 units)

CS 349 and CS 390 can be taken multiple times.
 CS 385 can be taken multiple times if the topics are different.
 No more than 3 elective units can be satisfied by a combination of CS 349, 390, 495, 497.

CS 330 Game Programming	3
CS 340 Computer Security & Malware	3
CS 349 Problem Solving in a Team Env.	1
CS 360 Object-Oriented Programming	3
CS 365 Computer Networking & the Internet	3
CS 375 Computer Graphics	3
CS 385 Selected Topics in CS	1-4
CS 386 Selected Topics w Lab	3
CS 390 Computer Science Colloquium	1
CS 425 Parallel Computing	3
CS 452 Compiler Design & Construction	3
CS 465 Data Communication	3
CS 480 Artificial Intelligence	3
CS 495 Special Studies	1-4
CS 497 Internship	2

Support Courses (choose 2)

Most common choices:

MATH 165 Elementary Statistics	4
MATH 211 Differential & Integral Calculus	4
MATH 222 Elementary Applied Linear Algebra	3
MATH 241 Differential Equations w/ Linear Algebra	4
MATH 316 Graph Theory & Combinatorics	4

Other options:

MATH 306 Number Theory	4
MATH 352 Numerical Analysis	4
MATH 416 Graph Theory & Combinatorics	4
MATH 430 Linear Systems Theory	3
MATH 470 Mathematical Models	4
PHYS 214 Introduction to Physics II	4

Contact rivoire@sonoma.edu for more information.