

UVA College of Arts & Sciences - BACS Checklist - 2024-2025 Academic Year

Prerequisite Courses (7 credits - must be completed before declaring the major)

Course	Credits	Semester
CS 111X: Introduction to Programming	3	
CS 2100: Data Structures and Algorithms 1	4	

Computer Science Foundation Courses (20 credits)

Course	Credits	Semester
CS 2120: Discrete Mathematics and Theory 1	3	
CS 2130: Computer Systems and Organization 1	4	
CS 3100: Data Structures and Algorithms 2	3	
CS 3120: Discrete Mathematics and Theory 2	3	
CS 3130: Computer Systems and Organization 2	4	
CS 3140: Software Development Essentials	3	

CS Electives (9 credits)

Course	Cr	Semester

Integration Electives (12 credits)

Course	Cr	Semester

For more information about the BACS Degree, please go to:
<https://uvacsadvising.org/bacs>