

COMPUTER SCIENCE (BS)

Courses by Quarter

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Code	Title	Credits
Quarter 9		
CS 310	Database Systems	
CS 320	Cybersecurity with Networking	
CS 330	Discrete Math for Computer Science	
Quarter 10		
CS 340	Mobile Application Development	
CS 350	Cloud Computing	
CS 360	Algorithms and Data Structures	
Quarter 11		
CS 370	Web Programming	
CS 380	Computer Architecture	
300 or 400 level Gen Ed		
Recommended:		
PHIL 350	Ethics in Business Management	
Quarter 12		
CS 410	Software Engineering	
CS 420	Operating Systems	
300 or 400 level Gen Ed		
Recommended:		
ENVS 301	Business and Sustainability Principles and Practice	
Quarter 13		
CS 440	System Administration	
CS 490	Senior Project I	
300 or 400 level Gen Ed		
Recommended:		
MATH 205	Linear Algebra (MATH 305?)	5.0
Quarter 14		
CS 450	Machine Learning	
CS 491	Senior Project II	
300 or 400 level Gen Ed		
Recommended:		
SOC 350	Organizational Theory	

NOTE1: Winter start students should plan to complete their Quarter 11 courses in Summer Quarter.

NOTE2: 300- or 400-level alternative (5cr) at GHC is an acceptable substitute for PHIL 350 at SPSCC.

NOTE3: BASM 307 (5cr) Quantitative Design, Data, and Analysis at GHC is an acceptable substitute for ENVS 301 at SPSCC.

NOTE4: The mathematics course for Linear Algebra at GHC is an acceptable substitute for MATH 305 Linear Algebra at SPSCC.

NOTE5: BASM 309 (5cr) Project Management at GHC is an acceptable substitute for SOC 350 at SPSCC.

NOTE6: There are a very limited number of 300- and 400-level general education courses offered at GHC and SPSCC. 300- or 400-level General Education courses may transfer in from other institutions in place of PHIL 350, ENVS 301, and/or SOC 350. However, only another Linear Algebra class can substitute for Math 305 Linear Algebra.