Catalogue 2017-18

Bachelor of Science in Computer Science

Student:

CS Advisor:

Course # Description	Course Credits	Credits Earned	Grade		Course # Description	Credits Earned	Satisfies University Requirement?
Required Courses					**Elective & Distributional Requirements**		
						Credits	D1/D2/W/S*
CS 21 Programming I	3						
CS 50 Sem for new CS majors*	1						
CS 64 Discrete Structures	3						
CS 110 Intermediate Prog.	4						
CS 120 Advanced Programming	3						
CS 121 Computer Org	3						
CS 124 Data Structures	3						
CS 125 Computability & Cmplxty	3						
CS 201 Operating Sys	3						
CS 224 Algorithm Design + Analysis	3						
CS 292 Senior Seminar	1						
CS Electives							
CS ≥ 0xx	3						
CS ≥ 1xx	3						
CS ≥ 2xx	3						
CS ≥ 2xx	3						
CS ≥ 2xx	3						
CS ≥ 2xx	3						
CS ≥ 2xx	3						
Subtotal CS (min 50, max 60):							
MATH/STAT:							
Math 21 Calc I	4						
Math 22 Calc II	4						
STAT 143 Statistics for Engineers	3						
CS 128 or STAT 151	3						
Select two of the following:							
Math 121 Calc III	4						
Math 122 or 124 Linear Algebra	3						
Math 173 Combinatorial Theory	3				**Subtotal:**		
Math 271 Appl M Eng/Sci	3						
Subtotal Math & Stat (min 20):							
Choose three of the following:							
Physics 51 (or 31)	4						
Physics 152 (or 125 & 022)	4						
Chem 31 (or 47)	4						
Chem 32 (or 48)	4						
Biol 1 (or BCOR 11)	4						
Biol 2 (or BCOR 12)	4						
Subtotal Natural Science (min 12):							

*Students must also complete the 4 University Req's   (indicate above)

D1 diversity

D1 or D2 diversity

FWIL: Writing (e.g., Engl 1)

SU: Sustainability

Credit Summary

Left column credits (82 min):	
Right column credits (38 min):	
Total Credits Required (120 min)	

*CS 50 is recommended for new majors taking CS 21 or 110, but is not required.

- Students must achieve a minimum GPA of 2.0 in all courses with a CS prefix. The minimum 2.0 GPA also includes courses without a CS prefix that are substituted for a CS course requirement.

- Grade of C- or higher required in CS 021 and CS 110.