

**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?
<b>Required Courses</b>					<b>Elective &amp; Distributional Requirements</b>			
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						
<b>CS Electives</b>								
CS ≥ 0xx		3						
CS ≥ 1xx		3						
CS ≥ 2xx		3						
CS ≥ 2xx		3						
CS ≥ 2xx		3						
CS ≥ 2xx		3						
CS ≥ 2xx		3						
<b>Subtotal CS (min 50):</b>								
<b>MATH/STAT:</b>								
Math 21	Calc I	4						
Math 22	Calc II	4						
STAT 143	Statistics for Engineers	3						
CS 128 or STAT 151		3						
<b>Select two of the following:</b>								
Math 121	Calc III	4						
Math 122 or 124	Linear Algebra	3						
Math 173	Combinatorial Theory	3						
Math 271	Appl M Eng/Sci	3						
<b>Subtotal Math &amp; Stat (min 20):</b>								
<b>Choose three of the following:</b>								
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						
<b>Subtotal Natural Science (min 12):</b>								
*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 <a href="#">CS 021</a> and <a href="#">CS 110</a> .					<b>*Students must also complete the 4 University Req's (indicate above)</b> D1 diversity D1 or D2 diversity FWIL: Writing (e.g., Engl 1) SU: Sustainability			
<b>Credit Summary</b>								
Left column credits (82 min):								
Right column credits (38 min):								
<b>Total Credits Required (120 min)</b>								