

**Catalogue 2015-16**  
**Bachelor of Science in Computer Science**  
**Student:**

**CS Advisor:**

**Minor:\*\***

<u>Course #</u>	<u>Description</u>	<u>Course Credits</u>	<u>Credits Earned</u>	<u>Grade</u>
<b>Required Courses</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 121	Computer Org	3		
CS 124	Data Structures	3		
CS 125	Computability & Cmplxty	3		
CS 201	Operating Sys	3		
<b>CS Theory: at least one of the pair:</b>				
CS 224	Analysis of Alg	3		
CS 243	Theory of Computation	3		
CS 292	Senior Seminar	1		
<b>CS Electives</b>				
CS ≥ 0xx		3		
CS ≥ 1xx		3		
CS ≥ 1xx		3		
CS ≥ 2xx		3		
CS ≥ 2xx		3		
CS ≥ 2xx		3		
<b>Subtotal CS (min 44, max 60):</b>				
<b>MATH/STAT:</b>				
Math 21	Calc I	4		
Math 22	Calc II	4		
<b>two of:</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		
Prob & Stat**		3-6		
<b>Subtotal Math &amp; Stat (min 17):</b>				
<b>Science: one sequence from:</b>				
Physics 51 (or 31)		4		
Physics 152 (or 125)		3-4		
Chem 31 (or 35)		4		
Chem 32 (or 36)		4		
Biol 1 (or BCOR 11)		4		
Biol 2 (or BCOR 12)		4		
other Nat Science elec***:		3-4		
<b>Subtotal Natural Science (min 10):</b>				

\*CS 50 is recommended for new majors taking CS 21 or 110, but is not required  
 \*\*Stat 143 or one course in statistics (e.g. Stat 141) and one course in probability (e.g. CS 128 or Stat 151)  
 \*\*\* Natural Sci: Astronomy, Bio/BCOR, Chem, Environ Sci, Geology, McroBio&M.Genetics, Plant Bio, Physics

<u>Course #</u>	<u>Description</u>	<u>Credits Earned</u>	<u>Satisfies University Requirement?</u>
<b>Elective &amp; Distributional Requirements</b>			
<b>HSS Requirements (18 credits):</b>			
ALANA, Anth, Art Hist., Studies, Art Studio, Classics, Comm. Sci, Dance, Econ, Eng, Film&TV, Foreign Lang, Geog, Global Studies, Hist, Holocaust, Linguistics, Music, Phil, Pol Sci, Psych, Religion, Soc, Theatre, Women & Gender St., World Lit.			
		<u>Credits</u>	<u>D1/D2/W/S*</u>
<b>Subtotal (min 18) :</b>			
<b>Credits to Reach 120 (no PEAC)</b>		<u>Credits</u>	<u>D1/D2/W/S*</u>
<b>Subtotal:</b>			

\*Students must also complete the 4 University Req's (indicate above)  
 D1 diversity  
 D1 or D2 diversity  
 W: Writing (e.g., Engl 1)  
 S: Sustainability

\*\*STUDENTS MUST SATISFY MINOR REQUIREMENTS

**Credit Summary**

Left col credits (71 min):	
Right col credits (49 min):	
<b>Total Credits Required (120 min)</b>	