

**Catalogue 2018-19**  
**Bachelor of Science**  
**Computer Science & Information Systems**  
**Student:**

**CS Advisor:**

Course #	Description	Course Credits	Credits Earned	Grade***	Course #	Desc.	Credits Earned	
<b>Required Courses</b>					<b>Elective &amp; Distributional Requirements</b>			
CS 008	Intro to Web Development	3						
CS 21	Prog 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 148	Database Design for web	3						
CS 224	Algorithm Design + Analysis	3						
CS ≥ 1xx	+(recommend 125 for grad sch)	3						
CS ≥ 1xx		3						
CS ≥ 2xx		3						
CS ≥ 2xx		3						
CS ≥ 2xx		3						
CS 292	Senior Seminar	1						
<b>Subtotal CS (min: 44, max: 60):</b>								
BSAD 30	Decision Analysis	3						
BSAD 60	Accounting	3						
BSAD 61	Accounting	3						
BSAD 120	Management & Org. Behavior	3						
BSAD 150	Marketing Management	3						
BSAD 173	Production & Operations Analysis	3						
BSAD 180	Managerial Finance	3						
BSAD 1XX		3						
<b>Subtotal BSAD (min: 24):</b>								
Economics 11		3						
Economics 12		3						
<b>Subtotal Econ (min: 6):</b>								
Math 021	Calculus I	4						
Math 022	Calculus II	4						
STAT 143	Statistics for Engineers	3						
STAT 151 or CS 128		3						
<b>Subtotal Math &amp; Stat (min: 14):</b>								
Natural Science		3						
Natural Science w/lab		4						
<b>Subtotal Natural Science (min 7):</b>								
					<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)  
SU: Sustainability

**Credit Summary**

Left col required credits (83 min):	
<b>Total Credits Required (120 min)</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 [CS 021](#) and [CS 110](#).  
-Natural Science Requirements are as defined by CAS.