## Catalogue 2017-18 **Bachelor of Science Computer Science & Information Systems** Student:

## **CS Advisor:**

Course # Description	Course Credits	<u>Credits</u> Earned	Grade***	Course # Desc. Credits	
Jourse # Description	Creans	Larnea	Olade		•
Required Courses				Elective & Distributional Require	ments
CS 008 Intro to Web Development	3			Credits	D1/D2/W/S*
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				
$CS \ge 1xx+(recommend 125 \text{ for grad sch})$	3				
$CS \ge 2xx$	3	1			
$CS \ge 2xx$	3	1			
$CS \ge 2xx$	3			1	
$CS \ge 2xx$	3				
CS 292 Senior Seminar	1				
Subtotal CS (min: 44,	max: 60)	:			
BSAD 30 Decision Analysis	3				
BSAD 60 Accounting	3				
BSAD 61 Accounting	3				
BSAD 120 Management & Org. Behavior	3				
BSAD 1xx (for 141 Info. Tech. & Bus. Sys.)	3				
BSAD 150 Marketing Management	3				
BSAD 173 Production & Operations Analysis	3				
BSAD 180 Managerial Finance	3				
Subtotal BSAD (min: 24):			Subtotal:		
Economics 11	3				
Economics 12	3	-		*Students must also complete the 4 University Req's (indicate abo	
Subtotal Econ (min: 6):			D1 diversity		
	<u>т.</u>	-		D1 or D2 diversity	
Math 021 Calculus I	4	-		FWIL: Writing (e.g., Engl 1)	
Math 022 Calculus II	4				
STAT 143 Statistics for Engineers	3			SU: Sustainability	
CS 128 or STAT 151	3				
Subtotal Math & Stat (min: 14):			Credit Summary		
Choose two of the following:			Left col required credits (100 min):		
Physics 51 (or 31)	4			Right col elective credits (20 min):	
Physics 152 (or 125 + 22)	4			Total Credits Required (120 min)	
Chem 31 (or 47)	4				-
Chem 32 (or 48)	4				
Biol 1 (or BCOR 11)	4				
Biol 2 (or BCOR 12)	4				

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 <u>CS 021</u> and <u>CS 110</u>.