B.S. COMPUTER SCIENCE AND INFO S	YSTEMS	COMPUTER SCIENCE CONCENTRATION	
Fall 2017 – Spring 2018			
CSIS REQUIREMENTS: A grade of "C" or b	etter is re	quired in CSIS 1206, CSIS 2101,	80 credits
CSIS 2102, CSIS 2210, and CSIS 3230.			
CSIS 1206 Statistics	(4)	Select at least six from the following course:	s:
CSIS 2101 Programming & Problem Solving I	(4)	CSIS 3381 Info. Assurance & Security	
CSIS 2102 Programming & Problem Solving II	(4)	CSIS 4104 Data Structures & Algorithms II	
CSIS 2210 Systems Analysis & Design	(4)	CSIS 4135 Web Application Engineering	
CSIS 3230 Computer Networking Principles	(4)	CSIS 4244 Programming Lang. Concepts	
MATH 2215 Calculus I	(5)	CSIS 4251 Operating Systems	
MATH 2225 Discrete Mathematics I	(4)	CSIS 4463 Artificial Intelligence	24 credits total
CSIS 2226 Foundations of Computer Science	(4)	CSIS 4466 Computer Graphics	
CSIS 3103 Data Structures & Algorithms I	(4)	CSIS 4469 Computer Architecture	
CSIS 3250 Computer Organization	(4)	CSIS 4481 Cryptography and Data Security	
MATH 2216 Calculus II	(5)	CSIS 4485 Software & Secur. Engineering	
Transfer students may use additional transferr	ed	MATH 4471 Computer Algorithms	
courses in CSIS or MATH* as cognates.		CSIS or MATH* elective	(4)
* Math electives must be precalculus or above.		CSIS or MATH* elective	(4)
Electives must be approved by your CSIS preceptor		Internship or CSIS or MATH* elective	(2+)

GENERAL STUDIES REQUIREMENTS:			48 credits
G COURSES: (32 total credits) No more that	an 12 credit	s in any "G" category may be applied towards t	the BS degree.
GEN General Interdisciplinary	(4)	GNM General Natural Science & Math	(4)
GIS-General Integration & Synthesis (Jr. yr.)	(4)	GNM General Natural Science & Math	(4)
GAH General Arts & Humanities	(4)	GSS General Social Science	(4)
GAH General Arts & Humanities	(4)	GSS General Social Science	(4)
AT SOME DISTANCE Electives: (16 total of	credits) Cou	rses unrelated to your major	
	(4)		(4)
	(4)		(4)
	EMENTS: 7	These course attributes should be completed w	ithin the 128 credits
needed to graduate.		·	120 01001kg
needed to graduate. (A) Arts		(V) Values/Ethics	120 010011
(A) Arts	•	(V) Values/Ethics (I) International/Multicultural ourses)	Tallin the 720 diodic
(A) Arts (H) Historical Consciousness GENERAL STUDIES WRITING REQUIRE	•	(V) Values/Ethics (I) International/Multicultural ourses)	
(A) Arts (H) Historical Consciousness GENERAL STUDIES WRITING REQUIRE Two W1 courses may be in transfer. W2 co	urses must	(V) Values/Ethics (I) International/Multicultural ourses) be taken at Stockton. W1/W2 W1/W2 at 3000 L	
(A) Arts (H) Historical Consciousness GENERAL STUDIES WRITING REQUIREI Two W1 courses may be in transfer. W2 co W1 W1/W2	urses must	(V) Values/Ethics (I) International/Multicultural ourses) be taken at Stockton. W1/W2 W1/W2 at 3000 L REQUIREMENT: (3 courses)	

Prerequisites must be met, check course description on the web.

