

All Bachelor of Science programs require a minimum of 128 credits and a 2.00 cumulative average.

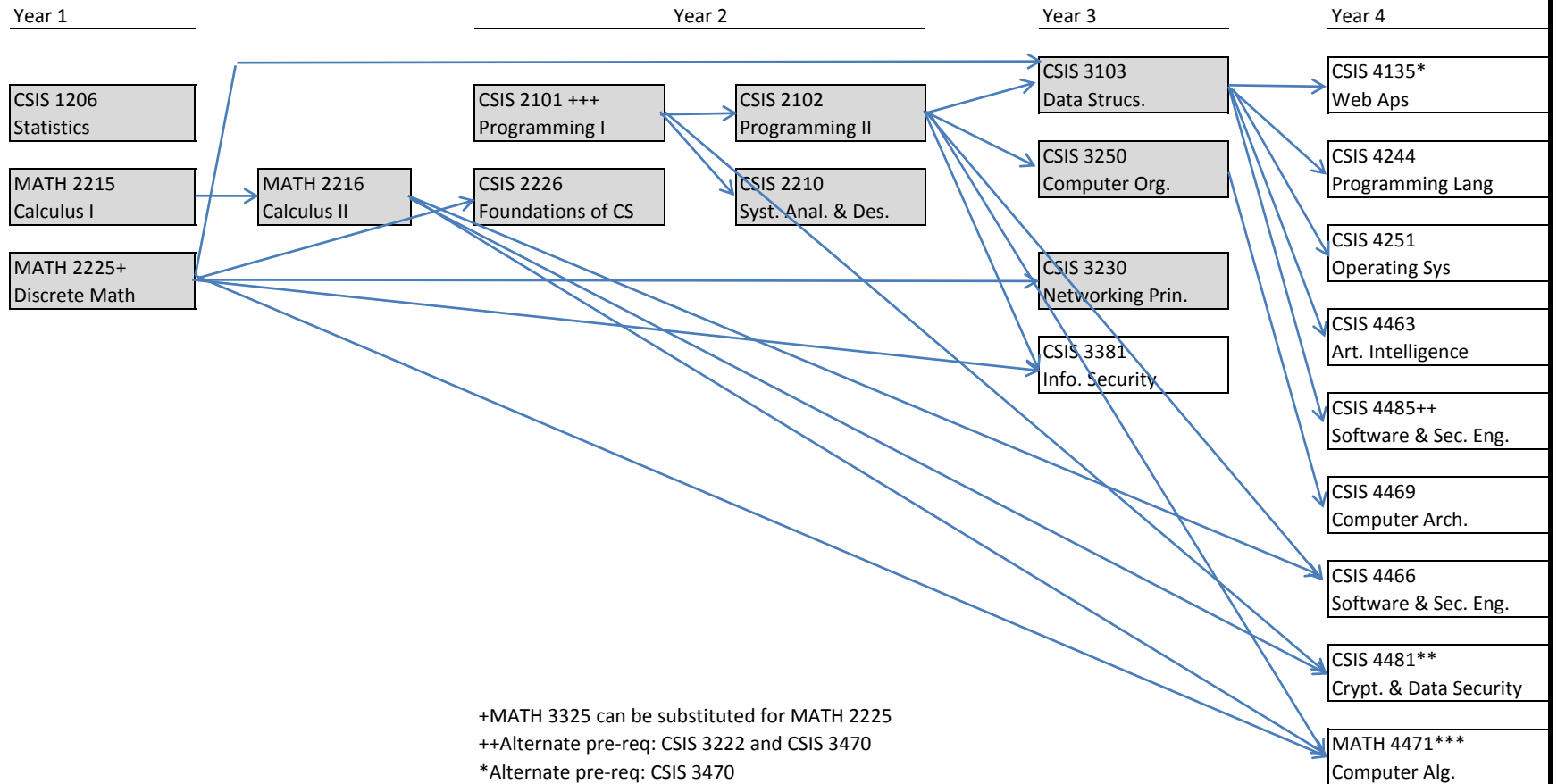
B.S. COMPUTER SCIENCE AND INFO SYSTEMS		COMPUTER SCIENCE CONCENTRATION		
Fall 2015 – Spring 2016				
CSIS REQUIREMENTS: A grade of "C" or better is required in CSIS 1206, CSIS 2101, CSIS 2102, CSIS 2210, and CSIS 3230.			80 credits	
CSIS 1206 Statistics	(4)	Select at least <u>six</u> from the following courses:		
CSIS 2101 Programming & Problem Solving I	(4)	CSIS 3381 Info. Assurance & Security	24 credits total	
CSIS 2102 Programming & Problem Solving II	(4)	CSIS 4135 Web Application Engineering		
CSIS 2210 Systems Analysis & Design	(4)	CSIS 4244 Programming Lang. Concepts		
CSIS 3230 Computer Networking Principles	(4)	CSIS 4251 Operating Systems		
MATH 2215 Calculus I	(5)	CSIS 4463 Artificial Intelligence		
MATH 2225 Discrete Mathematics I	(4)	CSIS 4466 Computer Graphics		
CSIS 2226 Foundations of Computer Science	(4)	CSIS 4469 Computer Architecture		
CSIS 3103 Data Structures	(4)	CSIS 4481 Cryptography and Data Security		
CSIS 3250 Computer Organization	(4)	CSIS 4485 Software & Secur. Engineering		
MATH 2216 Calculus II	(5)	MATH 4471 Computer Algorithms		
Transfer students may use additional transferred courses in CSIS or MATH* as cognates.		CSIS or MATH* elective		(4)
* Math electives must be precalculus or above. Electives must be approved by your CSIS preceptor		CSIS or MATH* elective		(4)
		Internship or CSIS or MATH* elective	(2+)	

GENERAL STUDIES REQUIREMENTS:		48 credits	
G COURSES: (32 total credits) No more than 12 credits in any "G" category may be applied towards 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 credits) Courses unrelated to your major (may include CSIS courses)			
	(4)		(4)
	(4)		(4)
GENERAL STUDIES OUTCOME REQUIREMENTS: These course attributes should be completed within the 128 credits needed to graduate.			
(A) Arts		(V) Values/Ethics	
(H) Historical Consciousness		(I) International/Multicultural	
GENERAL STUDIES WRITING REQUIREMENT: (4 courses)			
Two W1 courses may be in transfer. W2 courses must be taken at Stockton.			
W1		W1/W2	
			W1/W2 at 3000 Level
GENERAL STUDIES QUANTITATIVE REASONING REQUIREMENT: (3 courses)			
Two Q1 courses may be in transfer. Q2 courses must be taken at Stockton.			
Q1		Q2	
			Q1 or Q2

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

"The student is responsible for insuring that all graduation requirements are met" (Bulletin). Consult with your preceptor and/or the Center for Academic Advising on a regular basis.

B.S. In CSIS (Computer Science Concentration)



+MATH 3325 can be substituted for MATH 2225

++Alternate pre-req: CSIS 3222 and CSIS 3470

*Alternate pre-req: CSIS 3470

** & (CSIS 2226 or MATH 3325) & (CSIS 2102 or MATH 3323)

*** & (MATH 2226 or CSIS 2226 or MATH 3325 or MATH 3323)

+++ pre-req: GNM 1125 or GNM 1126 or GEN 1126 or GNM 2310 or FRST 2310 or GEN 1125 min. Grade C or SAT Math score of 550 or ACT Math score of 24 or Accuplacer score of 55 or higher.