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

B.S. COMPUTER SCIENCE AND INFO SYSTEMS — INFORMATION SYSTEMS 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 **one** from the following courses:		
CSIS 2101 Programming & Problem Solving I	(4)	CSIS 3103 Data Structures	(4)	
CSIS 2102 Programming & Problem Solving II	(4)	CSIS 3470 Application Development		
CSIS 2210 Systems Analysis & Design	(4)	Select at least **six** from the following courses		
CSIS 3230 Computer Networking Principles	(4)	CSIS 2259 Operations Research	24 credits total	
MATH 2215 Calculus I	(5)	CSIS 3241 E-Commerce		
MATH 2225 Discrete Mathematics I	(4)	CSIS 3381 Info Assurance & Security		
ACCT 2110 Financial Accounting	(4)	CSIS 3472 Human-Computer Interface		
CSIS 3222 Database Systems	(4)	CSIS 3475 IT Project Management		
CSIS 4211 Advanced System Analysis	(4)	CSIS 4223 Advanced Database Systems		
		MGMT 2110 Intro to Management		
Transfer students may use additional transferred courses in CSIS or pre-calculus as cognates. Electives must be approved by your CSIS preceptor.		MGMT 3124 Organizational Behavior		
		CSIS elective or pre-calculus	(4)	
		CSIS elective	(4)	
		Internship or CSIS elective	(3+)	

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		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 (Information Systems Concentration)

Year 1   Year 2   Year 3

CSIS 1206
Statistics

CSIS 2101**
Programming I

CSIS 2259
Ops. Rsch.

CSIS 3103
Data Strucs.

OR

CSIS 3470
App. Dev.

ACCT 2110
Financial ACCT

CSIS 2102
Programming II

MATH 2215
Calculus I

CSIS 3381
Info. Security

MATH 2225*
Discrete Math

CSIS 2210
Syst. Anal. & Des.

CSIS 4211
Adv. Sys. Anal.

CSIS 3241
E-Commerce

CSIS 3472
Human-Comp. Int.

CSIS 3475
IT Proj. Mgmt.

CSIS 3222
Database Sys

CSIS 4223
Adv. Database. Sys.

CSIS 3230
Networking Prin.

MGMT 2110
Intro to Mgmt

*MATH 3325 can be substituted for MATH 2225
**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.

MGMT 3124
Org. Behav.