

B.S. COMPUTER INFORMATION SYSTEMS

Fall 2024 – Spring 2025

CIS REQUIREMENTS: A grade of “C” or better is required in the CIS Core, the IS Environment Courses, and CIST 1206.

80 credits

CIS Core (all courses required):

CIST 2010 Computer Info Systems: An Overview	(4)
CSCI 2101 Programming & Problem Solving I**	(4)
CIST 2110 Programming in Python**	(4)
CIST 2210 Systems Analysis & Design	(4)
CIST 3222 Database Systems	(4)
CIST 3230 Computer Networking Principles	(4)
CIST 3259 Business Analytics	(4)
CIST 3475 Project Management	(4)
CIST 4381 IT Infrastructure Mgmt & Compliance	(2)
CIST 4600 Senior Seminar	(2)

IS Environment Courses (all courses required):

ECON 1200 Macroeconomics	(4)
MGMT 2110 Introduction to Management	(4)
MKTG 2110 Marketing Principles	(4)
ACCT 2110 Financial Accounting	(4)
Other Business Courses ***	as needed

Quantitative Analysis Courses (both required):

CIST 1206 Statistics	(4)
MATH 2225 Discrete Mathematics	(4)

CIS Electives (choose 4):

CIST 3110 Python for Data Analysis	(4)
CIST 3240 Enterprise Resource Planning	(4)
CIST 3381 Information Assurance & Security	(4)
CIST 3430 Network & System Administration	(4)
CIST 3450 Business Intelligence	(4)
CIST 3470 Application Development	(4)
CIST 3472 Human-Computer Interaction	(4)
CIST 3481 Digital Forensics	(4)
CIST 4223 Advanced Database	(4)
CIST 4520 Topics Info Systems	(4)
CIST 4800 Indep Study (with program approval)	(0-4)

Cognates (4 or more credits as needed):

CIST 4800 Independent Study	(0-4)
CIST 4900 Internship	(0-4)
Other cognates*	(4)

*Any Stockton CIST course, or CSCI 2102 may be used as a cognate. Any other course used for a cognate requires CIS preceptor approval. Transfer students may use additional transfer courses in CIST as cognates.

** CSCI 2101 and CIST 2110 may not be taken concurrently

*** 16 credits required in IS Environment (0-4 additional credits as needed)

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)
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AT SOME DISTANCE Electives: (16 total credits) Courses unrelated to your major

	(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	
(R1) Race and/or Racism Intensive		(R2) Race and Racism Education	

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	
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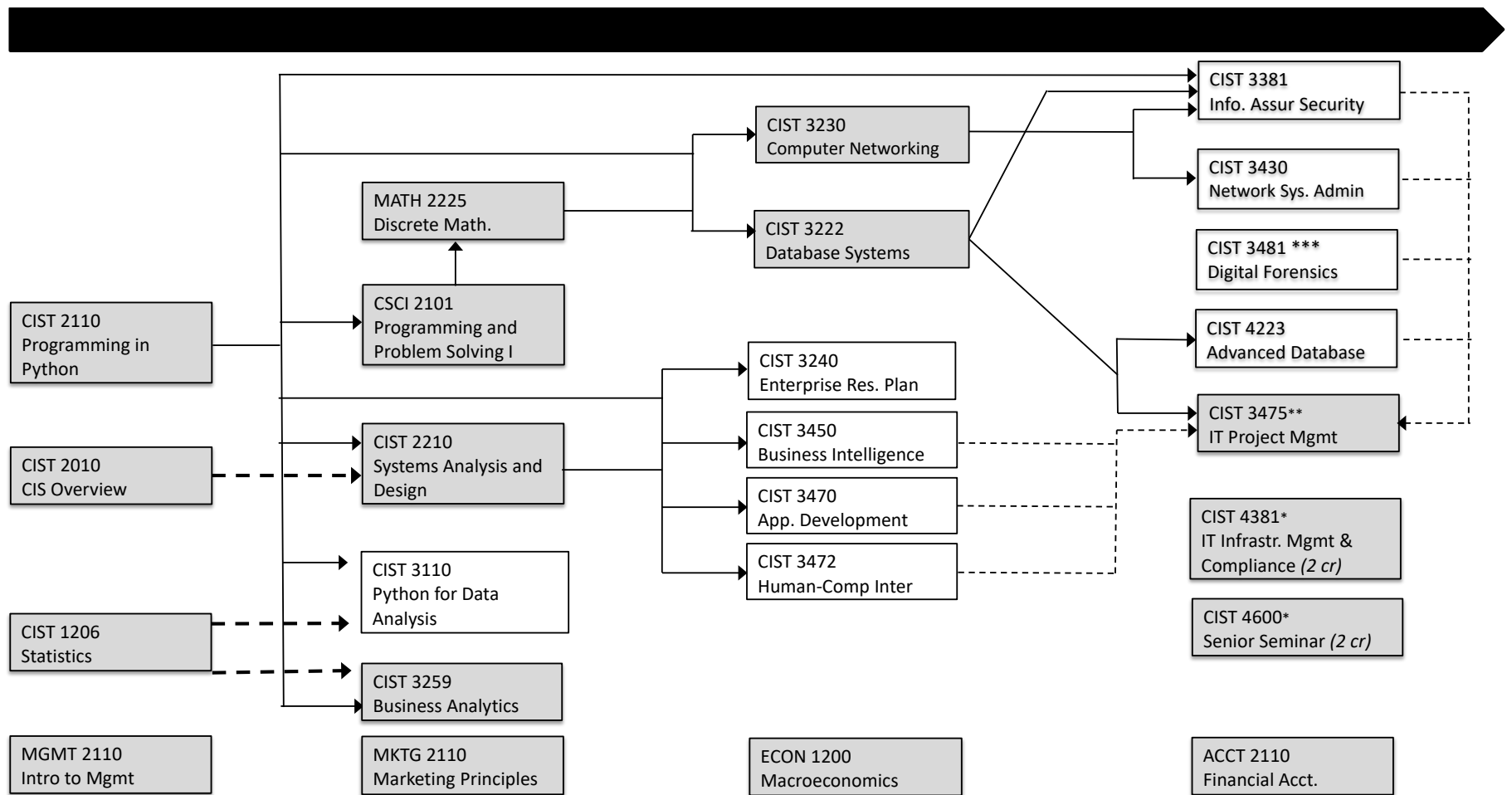
GENERAL STUDIES QUANTITATIVE REASONING REQUIREMENT: (3 courses)

Two Q1 courses may be in transfer. Q2 courses must be taken at Stockton.

Q1		Q2		Q1 or Q2	
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Prerequisites must be met, check course description on the web.

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Notes 1:

A rectangle in grey indicates a required course. A blank rectangle indicates an elective course.

A course might have other alternative prerequisite(s). Please check the course catalog for details.

Notes 2:

* CIST 4381 and CIST 4600 are open to students in the last semester.

** In addition to CIST 3222, CIST 3475 requires one of the following courses as the second prerequisite: CIST 3381, CIST 3430, CIST 3481, CIST 3450, CIST 3470, CIST 3472, or CIST 4223.

*** CIST 3481 requires permission of instructor.