

Computer Information Systems—AAS (581)

First Semester

Number	Title	Crs	Term	Grade	Comment
BSAD 100	Introduction to Business	3			
CITA 152	Computer Logic ¹	3			
CITA 163	Survey of IT ¹	3			
ENGL101	Composition and the Spoken Word	3			
MATH	Math Elective ²	3			
		15			

Second Semester

CITA 170	Computer Concepts & Operating Systems ¹	3			
CITA 175	Computer Concepts & Operating Systems Lab ¹	1			
CITA 171	Operating Systems Use and Administration ¹	3			
CITA 202	Computer User Support ¹ [WI]	3			
	Math or Science Elective ²	3			
SPCH 104	Introduction to Speech	3			
		16			

Third Semester

ACCT 104	Survey of Accounting ⁶	4			
CITA 220	Data Com and Network Technology ¹	3			
CITA 221	Data Com and Network Technology Lab ¹	1			
ECON101/103	Macro/Micro economics	3			
	Program Elective ^{1, 5}	3			
	Program Elective ^{1, 5}	3			
		17			

Fourth Semester

CITA 250	Information Security ¹	3			
	Social Science Elective ⁷	3			
	Program Elective ^{1, 5}	3			
	LA Elective ^{3, 4}	3			
	LA Elective ^{3, 4}	3			
		15			
Total credits		63			

Meets Graduation Requirements / Date

- Any CITA course presented for meeting degree requirements must have a grade of at least C (or transfer credit). No more than 3 CITA credits with a course number below CITA150 may be used for credit towards graduation.
- CIS minimum requirement is MATH106 Intermediate Algebra. MATH121 College Algebra and MATH141 Statistics are required in the B.Tech. in IT program. CHEM 107 / 108 Investigative Chemistry and Lab or PHYS 115 Basic Physics recommended as a science elective.
- All graduates must have a minimum of 20 LA (liberal arts and sciences) credits.
- Students pursuing a baccalaureate degree should select courses from the following GER areas when feasible.
 GER 2 Science (CHEM107/108 Investigative Chemistry/Lab recommended), GER 4 American History;
 GER 5 Western Civilization; GER 6 Other World Cultures; GER 7 Humanities;
 GER 8 The Arts; or, GER 9 Foreign Language.
- Program Electives are from Canino SOET, the Business Department (including ACCT 102 Managerial Accounting), and the GMDM Department. Students pursuing a B.Tech. in IT degree should take: CITA180 Intro to Programming, CITA204 Systems Analysis and Design, and CITA215 Database Applications and Concepts.
- ACCT101 Financial Accounting may be substituted for students interested in pursuing a business related minor or major.
- Social Science Elective – students pursuing a baccalaureate degree should select from GER 4, 5, or 6 – see note 4 above.

Fall 2020