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

Number	Title	Crs	Term	Grade	Comment
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

Number	Title	Crs	Term	Grade	Comment
ACCT 10 1or 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

Number	Title	Crs	Term	Grade	Comment
CITA 250	Information Security[1]	3			
	Social Science Elective (GER 4,5, or 6)[7]	3			
	Program Elective[1, 5]	3			
	LA Elective[3, 4]	3			
	LA Elective[3, 4]	3			
		15			

Total credits 63

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Meets Graduation Requirements / Date

1. 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.
2. 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.
3. All graduates must have a minimum of 20 LA (liberal arts and sciences) credits.
4. 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.
5. Program Electives are from Canino SOET, the Business Department (including ACCT 102 Managerial Accounting), the Cybersecurity program and the GMMD and GAME design programs . 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.
6. ACCT101 Financial Accounting may be substituted for students interested in pursuing a business related minor or major.
7. Social Science Elective – students pursuing a baccalaureate degree should select from GER 4, 5, or 6 – see note 4 above.

Fall 2021