

581 Computer Information Systems -- Fall 2023

Semester 1		
Course	Name	Credits
BSAD 100	INTRODUCTION TO BUSINESS	3
CITA 152	COMPUTER LOGIC	3
CITA 163	SURVEY OF INFORMATION TECHNOLOGY	3
ENGL 101	COMPOSITION & THE SPOKEN WORD	3
	GER - Mathematics and Quantitative Reasoning	3
		15
Semester 2		
Course	Name	Credits
CITA 170	COMPUTER CONCEPTS & OPERATING SYSTEMS	3
CITA 175	COMPUTER CONCEPTS & OPERATING SYSTEMS LAB	1
CITA 171	OPERATING SYSTEM USE & ADMINISTRATION	3
CITA 202	COMPUTER USER SUPPORTT CONCEPTS & SKILLS	3
SPCH 104	INTRODUCTION TO SPEECH	3
	GER Elective (Math/Science)	3
		16
Semester 3		
Course	Name	Credits
ACCT 104	SURVEY OF ACCOUNTING	3
CITA 220	DATA COMMUNICATIONS & NETWORK TECHNOLOGY	3
CITA 221	DATA COMMUNICATIONS & NETWORK TECHNOLOGY LAB	1
	CIS Program Electives: SOET, Business School, CYBR, GAME, and GMMD	3
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	ECON 101 PRINCIPLES OF MACROECONOMICS or ECON 103 PRINCIPLES OF MICROECONOMICS	3
		16
Semester 4		
Course	Name	Credits
CYBR 250	INFORMATION SECURITY	3
	GER - Social Science	3
	CIS Program Electives: SOET, Business School, CYBR, GAME, and GMMD	3
	Elective Liberal Arts	3

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GER - Diversity: Equity, Inclusion, and Social Justice	3
	15
	62

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 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, or 6 – see note 4 above.