

Column1	Column2	Column3	Column4
	<b>COMPUTER INFORMATION SYSTEM MAJORS</b>		
<b>Course</b>	<b>Title</b>	<b>Prerequisite</b>	<b>Course Offering Schedule</b>
ACCT 202	Principles of Managerial Accounting	ACCT 201 or ACCT 211	Fall, Winter, Spring & Summer
ACCT 301	Intermediate Accounting I	ACCT 202 or ACCT 212	Fall, Spring & Summer
ACCT 341	Management Accounting I	ACCT 202 or ACCT 212	Fall & Spring
ART 103	2D Process	None	Fall & Spring
ART 217	Digital Concepts: Image and Surface	ART 101 or ART 103	Fall & Spring
ART 365	Design for WWW	ART 217	Fall, Spring & Summer
CIS 211	Fundamentals of Information Systems and Technology	COSC 111 (may be taken concurrently)	Fall & Spring
CIS 212	Intro to Business Programming	COSC 111 or programming experience	Spring
CIS 239	Enterprise Systems and Architecture	COSC 236, MATH 263, and CIS 211	Fall & Spring
CIS 265	Visual Basic Programming	Programming experience required	Fall & Spring
CIS 334	Data Organization	COSC 237	Fall & Spring
CIS 350	Telecommunications	(CIS 239 and CIS 334) or (ITEC 315 and ITEC 325)	Fall & Spring
CIS 377	Information Systems Security	CIS 211	Fall & Spring
CIS 379	Systems Analysis and Design	CIS 211 AND COSC 237	Fall & Spring
CIS 397	Internship in CIS	6 units of upper-division COSC or CIS courses and consent of instructor	Fall, Spring & Summer
CIS 426	Computer Gaming Design	CIS 379 or ITEC 411	Fall
CIS 433	Select Topics in Information Systems	9 units of Computer Information Science and consent of instructor	Occasionally
CIS 435	Human-Computer Interaction	CIS 379 or ITEC 411	Fall & Spring
CIS 436	E-Government	CIS 379 or ITEC 411	Spring
CIS 440	System Development/E-Commerce	CIS 379 or ITEC 411	Fall
CIS 445	Universal Usability: Designing Computer Interfaces for Blind Users	CIS 379 or ITEC 411	Fall
CIS 458	Organizational Database Management	CIS 334 or COSC 336	Fall & Spring
CIS 468	Applied Data Mining and Visual Analytics	MATH 231, CIS 334, or consent of the instructor	Spring
CIS 475	Analysis and Design for Websites	CIS 379 or ITEC 411	Fall & Spring
CIS 479	Software Project Management	CIS 379	Fall & Spring

CIS 495	Independent Study in CIS	Senior standing in CIS and consent of instructor	Occasionally
COSC 236	Intro to Computer Science I	Demonstrable programming knowledge and experience and MATH 119 or equivalent	Fall, Spring & Summer
COSC 237	Intro to Computer Science II	COSC 236. Corequisite: MATH 211 or MATH 273	Fall, Spring & Summer
COSC 336	Data Structures and Algorithm Analysis	COSC 237. Pre- or Corequisite: MATH 274	Fall & Spring
COSC 412	Software Engineering	COSC 336	Fall & Spring
COSC 418	Ethical and Societal Concerns of Computer Scientists	Junior/Senior Standing; ENGL 317; must have previously taken a computing class	Fall, Spring & Summer
COSC 436	Object-Oriented Design and Programming	COSC 336	Fall
COSC 484	Web-Based Programming	COSC 336	Fall & Spring
DFST 101	Introduction to Deaf Culture	None	Fall & Spring
EBTM 365	Principles of Operations Management	Junior/Major standing and ECON 205 or MATH 231	Fall, Spring & Summer
EBTM 419	Supply Chain Management	EBTM/MNGT 337 and EBTM/MNGT 365. Junior/Senior major standing	Fall & Spring
EBTM 454	Business Process Management	Major standing, EBTM/MNGT 337, EBTM/MNGT 365, senior standing	Fall & Spring
ECON 201	Microeconomic Principles	None	Fall, Winter, Spring & Summer
HCMN 415	Financing and Organization of Health Care Services in the US	HLTH 207 and HCMN 305	Fall
HLTH 207	Healthcare in the US	None	Fall, Spring & Summer
ITEC 345	Scripting Languages	COSC 236	Fall & Spring
ITEC 423	Emerging Internet Technologies	ITEC 231	Fall & Spring
ITEC 427	Cloud Computing for Enterprises	ITEC 231	Spring
MATH 211	Calculus for Applications	MATH 109/ MATH 111, MATH 115 or MATH 119	Fall, Spring & Summer
MATH 231	Basic Statistics	MATH 109 or higher, except MATH 204	Fall, Spring & Summer
MATH 263	Discrete Mathematics	Four years of high school mathematics or MATH 119	Fall, Spring & Summer

MATH 273	Calculus I	MATH 119 or calculus course in high school or adequate score on placement test	Fall, Spring & Summer
MATH 330	Introduction to Statistical Methods	MATH 274	Fall, Spring & Summer
MKTG 341	Principles of Marketing	Sophomore standing; majors and eligible pre-major, BUAD majors or MKTG minor	Fall & Spring
MNGT 361	Principles of Management	Junior major standing	Fall, Spring & Summer
MNGT 421	Management of Organizational Behavior	MNGT 361; junior major standing	Fall & Spring
OCTH 211	Philosophy of Occupational Therapy	None	Fall
POSC 103	American National Government	None	Fall & Spring
POSC 207	State Government	None	Fall & Spring