COMPUTER INFORMATION SYSTEMS CONCENTRATION - 24 Credits

COURSE: TITLE	PREREQUISITE(S)	SEMESTER OFFERED	CREDIT
REQUIRED			
CIS240: Application Design & Development.....................................[No Freshmen] (CIS200)		[Fall, Spring]	3
CIS320: Project Management for Information Systems..............................(CIS200 or CS165)		[Fall, Spring]	3
CIS355: Business Database Systems...*(CIS200)		[Fall, Spring]	3
CIS360: Systems Analysis & Design ....* (CIS240 or CS253)		[Fall, Spring]	3
Group 1: Choose 4			
CIS310: Data Preparation for Business Analytics... (CIS200)		[Fall, Spring]	3
CIS340: Advanced Application Design & Development.................................... (CIS240)		[Fall, Spring]	3
CIS350: Operating Systems & Networks..* (CIS240)		[Fall Only]	3
CIS410: Web Application Development..* (CIS240, CIS355)		*[Fall Only]* Differs from Catalog	3
CIS411: Enterprise Resource Planning Systems...............................* (ACT220, CIS200)		[Fall, Spring]	3
CIS413: Advanced Networking & Security..* (CIS350)		[Fall Only]	3
CIS455: Advanced Database Management... (CIS355)		[Spring Only]	3
CIS563: Information Assurance and Security............................ (Department Approval)		[Fall Only]	3
CIS575: Applied Data Mining & Analytics in Business................................... (STAT204)		[Fall Only]	3
CIS576: Business Data Visualization.. (Department Approval)		[Spring Only]	3

LEGEND • UD = Upper Division (300+ level) • Eligible Coursework • ~~Current Term Courses in Progress~~ • * Juniors or Seniors Only

RECOMMENDED COURSE SEQUENCE FOR 4-YEAR GRADUATION

FRESHMAN YEAR	SOPHOMORE YEAR	JUNIOR YEAR	SENIOR YEAR
Arts and Humanities (3B) Biological and Physical Sci. w/lab (3A) CO150 (1A) ECON202 (3C) MATH (1B)	Biological and Physical Sciences (3A) ECON204 (3C) Historical Perspectives (3D) STAT204	Students MUST complete CO150 and MATH (3 credits) by the time they complete 60 credits to avoid a registration hold.	Diversity, Equity, and Inclusion (1C)
BUS100, BUS201 or BUS225 (3B), CIS200	ACT210, ACT220, BUS220 (3B)	BUS260, BUS300 (2), CIS370, FIN300	BUS479, MGT301, MGT320, MKT300
	CIS240	**CIS320, CIS355, CIS360, Two CIS Group 1**	**Two CIS Group 1**
9 Credits of Electives	6 Credits of Electives	3 Credits of Electives	9 Credits of Electives

Electives Credits = 27

This is __ONLY__ a guide, you should work with your advisor to determine what is best for you!

• Courses may be restricted to specific class levels, use the Course Schedule/registration system (via Ram Web) to view restrictions.
• Terms listed are when the College of Business anticipates each course will be offered and should be utilized with the guidance of your academic advisor for future planning purposes. Courses may be offered in terms different than those listed.