

Computer Information Systems (CIS) Major

Suggested 4 year plan
Individualized programs are available

Freshman			<u>Fall Semester</u>	<u>Spring Semester</u>		
Number	Course Name	Cr.		Number	Course Name	Cr.
CS201	Web Design	3		CS202	Web Development	3
Hixxx	CORE (such as History)	3		PHILxxx	CORE (such as Philosophy)	3
ENWR102	College Composition	4		CO101	Basic Communication	3
LAS101	Alpha Seminar	3		TH101	Theological Foundations	3
		<u>13</u>		ARTxxx	CORE (such as Fine Arts)	<u>3</u>
						15
Sophomore						
CS110	Introduction to CS & Java	4		CS120	Data Structures & Program Design	4
CS330	Computer Networking I	4		CS331	Computer Networking II	4
CO206	Small Group Communication (Fall odd-numbered years or May term)	3		MA207	Probability and Statistics I	3
BA203	Principles of Accounting I	3		EC203	Project Management	3
SSxxx	CORE (Social Science)	3		GDxxx	CORE (such as Global Diversity)	3
		<u>17</u>				<u>17</u>
Junior						
CS230	Software Engineering (Writing Intensive)	4		ENLTxx	CORE (such as Literature)	3
CS410	Operating Systems	4		CS213	Computer Applications in Business or BA365 Advanced Spreadsheets (usually summer) or BA380 E-Commerce (usually summer)	3
PHILxxx	CORE (such as Philosophy)	3		PHYSxx	CORE (Natural Science with lab)	4
BA301	Business Law I	3		BA360	Accounting and Finance Information Systems (highly recommended but usually only available in the summer.)	3
THxxx	CORE (such as Theology)	3		CS421	Computer & Network Security	4
		<u>17</u>				<u>17</u>
Senior						
CS310	Database Design & Implement I	4		CS311	Database Design & Implement II	4
ENWR305	Technical Writing (Writing Intensive) or ENWR301 Business Writing (WI)	3		NDxxx	CORE (such as National Diversity)	3
BA375	Fundamentals of Management	3		CS487	Internship	3
XXXxxx	Elective	3		XXXxxx	Elective	3
		<u>13</u>				<u>13</u>

The "CORE" refers to the required college courses that give a person a well-rounded liberal arts experience.
Note: EC203 counts as a Social Science CORE class. (Latest revision: March 2007)

Recommended classes for entering an MBA program: BA204 Managerial Accounting, BA308 Marketing, BA313 Business Finance

Recommended classes for graduated work in CS: MA131 Calculus, MA328 Discrete Math, CS309 Computer Architecture