

**BACHELOR OF SCIENCE DEGREE PROGRAM (2002-2003 CATALOG)  
COMPUTER SCIENCE/INFORMATION SYSTEMS (7074)**

NAME	STUDENT NO.:
ADDRESS	TELEPHONE NO.:
	E-MAIL

COMMENTS:

COURSE #	COURSE DESCRIPTIONS	CR.	YEAR	GRADE
<b>FRESHMAN YEAR – FALL SEMESTER</b>				
BUS 2303	Macroeconomics (Prerequisite: MTH 1000 or MTH 1001 or MTH 1701 or MTH 1702)	3		
COM 1101	Composition and Rhetoric (Prerequisite: COM 1100 or a passing grade on the placement test)	3		
CSE 1000	Introduction to Information Systems	3		
EDS 1031	Survey of Science 1	3		
MTH 2051	Discrete Mathematics (Prerequisite: MTH 1000 or MTH 1001, or MTH 1702 or passing score on placement test)	3		
	<b>TOTAL</b>	<b>15</b>		
<b>FRESHMAN YEAR – SPRING SEMESTER</b>				
BUS 2304	Microeconomics (Prerequisite: MTH 1000 or MTH 1001 or MTH 1701 or MTH 1702)	3		
COM 1102	Writing about Literature (Prerequisite: COM 1101)	3		
CSE 1001	Fundamentals of Software Development 1 (MUST PASS WITH “C” OR BETTER)	4		
EDS 1032	Survey of Science 2	3		
MTH 1001	Calculus 1 (Prerequisites: MTH 1000 or High school algebra, trigonometry and a passing score on the placement test) (Graphics Calculator required)	4		
	<b>TOTAL</b>	<b>17</b>		
<b>SOPHOMORE YEAR – FALL SEMESTER</b>				
BUS 2201	Accounting Principles 1 (Prerequisite: MTH 1001 or MTH 1701 or MTH 1702)	3		
BUS 2703	Statistics for Business (Prerequisite: MTH 1701)	3		
COM 2501	Introduction to Visual Communication	3		
CSE 1002	Fundamentals of Software Development 2 (Prerequisite: CSE 1001 and AT LEAST A “C” OR BETTER)	4		
MTH 1002	Calculus 2 (Prerequisite: MTH 1001)	4		
	<b>TOTAL</b>	<b>17</b>		
<b>SOPHOMORE YEAR – SPRING SEMESTER</b>				
BUS 2202	Accounting Principles 2 (Prerequisite: BUS 2201)	3		
COM 2224	Business and Professional Writing (Prerequisite: COM 1102)	3		
CSE 2010	Algorithms and Data Structures (Prerequisite: CSE 1002 and AT LEAST A “C” OR BETTER; co-requisite: MTH 2051)	4		
HUM 2051	Civilization 1: Ancient Through Medieval (Prerequisite: COM 1102)	3		
	Social Science Elective	3		
	<b>TOTAL</b>	<b>16</b>		
<b>JUNIOR YEAR – FALL SEMESTER</b>				
BUS 3401	Corporate Finance (Prerequisite: BUS 2202)	3		
BUS 3501	Management Principles	3		
CSE 2050	Programming in a Second Language (Prerequisite: CSE 1002, or permission of the instructor)	3		
CSE 2410	Introduction to Software Engineering (Prerequisites: CSE 2010 or CSE 2502 or ECE 2552)	3		
HUM 2052	Civilization 2: Renaissance Through Modern (Prerequisite: COM 1102)	3		
	<b>TOTAL</b>	<b>15</b>		
<b>JUNIOR YEAR – SPRING SEMESTER</b>				
BUS 3503	Human Resources Management (Prerequisite: BUS 3501)	3		
BUS 3601	Marketing Principles	3		
COM 4026	Publishing and the Internet (Prerequisites: CSE 1301, COM 2223 or COM 2224)	3		
CSE 4020	Database Systems (Prerequisites: CSE 2010)	3		
CSE 4232	Computer Network Programming (Prerequisite: CSE 2010 or CSE 2050 or ECE 2552)	3		

	Humanities Elective	3		
	<b>TOTAL</b>	<b>18</b>		
<b>SENIOR YEAR – FALL SEMESTER</b>				
BUS 3704	Quantitative Analytical Methods (Prerequisites: MTH 1702 or MTH 1001 and BUS 2703)	3		
COM 3070	Professional Communication for Executives	3		
CSE 3030	Legal, Ethical and Social Issues in Computing (Prerequisites: COM 2102, COM 2223 or COM 2224 and at least one of CSE 1002, CSE 1502, CSE 1503, ECE 2551)	3		
CSE 4220	Systems Analysis and Design (Prerequisite: CSE 4020)	3		
	Computer Science Elective	3		
	<b>TOTAL</b>	<b>15</b>		
<b>SENIOR YEAR – SPRING SEMESTER</b>				
COM 3440	Public Relations (Prerequisite: COM 2223 or COM 2224)	3		
COM 4424	Advanced Business and Professional Communication (Prerequisite: COM 2223 or COM 2224)	3		
CSE 4221	Systems Development Workshop (Prerequisite: CSE 4220)	3		
CSE 4410	Software Project Management (Prerequisite: CSE 2410)	3		
	Humanities Elective	3		
	<b>TOTAL</b>	<b>15</b>		
	<b>TOTAL CREDITS REQUIRED</b>	<b>128</b>		
<b>TRANSFER CREDITS AND OTHER COURSES</b>				
Advisor	Department Head			
Date	Date			