

**BACHELOR OF SCIENCE DEGREE PROGRAM (2003-2004 CATALOG)
COMPUTER SCIENCE/INFORMATION SYSTEMS (7074)**

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|---|--|----------------|--------------------------|
| NAME | | STUDENT NO.: | |
| ADDRESS | | TELEPHONE NO.: | |
| | | E-MAIL | |
| COMMENTS: | | | |
| COURSE # | COURSE DESCRIPTIONS | CR. | YEAR GRADE |
| FRESHMAN YEAR - FALL SEMESTER | | | |
| 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 | |
| | TOTAL | 15 | |
| FRESHMAN YEAR - SPRING SEMESTER | | | |
| 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 | |
| | TOTAL | 17 | |
| SOPHOMORE YEAR - FALL SEMESTER | | | |
| 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 | |
| | TOTAL | 17 | |
| SOPHOMORE YEAR - SPRING SEMESTER | | | |
| 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 | |
| | TOTAL | 16 | |
| JUNIOR YEAR - FALL SEMESTER | | | |
| 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 | |
| | TOTAL | 15 | |
| JUNIOR YEAR - SPRING SEMESTER | | | |
| 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 | |
| | TOTAL | 18 | |

SENIOR YEAR - FALL SEMESTER

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| 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 | | |
| | TOTAL | 15 | | |

SENIOR YEAR - SPRING SEMESTER

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| 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 | | |
| | TOTAL | 15 | | |
| | TOTAL CREDITS REQUIRED | 128 | | |

TRANSFER CREDITS AND OTHER COURSES

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| Advisor | Department Head |
| Date | Date |