*Degree Plan for a Bachelor of Science in Computer Information Systems*

| UNIVIVERSITY CORE REQUIREMENTS (44-45 Credits) | Credits |
|---|---|
| **I. Communications (6 Credits)** | |
| ENG 1301 English Composition I | 3 |
| ENG 1302 English Composition II | 3 |
| | |
| **II. Mathematics (3-4 Credits)** *Select one course* | |
| MTH 1301 College Algebra | 3 |
| MTH 1303 Pre-Calculus | 3 |
| MTH 1401 Calculus I | 4 |
| | |
| **III. Mathematics Reasoning (3 Credits)** | |
| MTH 1300 Statistics I | 3 |
| | |
| **IV. Natural Sciences (8 Credits)** *Select a two-course sequence* | |
| BIO 1401 Principles of Biology I | 4 |
| BIO 1402 Principles of Biology II | 4 |
| CHE 1401 Principles of Chemistry I | 4 |
| CHE 1402 Principles of Chemistry II | 4 |
| ENV 1401 Environmental Science I | 4 |
| ENV 1402 Environmental Science II | 4 |
| PHY 1401 Principles of Physics I | 4 |
| PHY 1402 Principles of Physics II | 4 |
| | |
| **V. Humanities (3 Credits)** *Select one course* | |
| See List of Humanities Courses | 3 |
| | |
| **VI. Government (6 Credits)** | |
| POL 1301 Introduction to American Government | 3 |
| POL 2315 Global Issues | 3 |
| | |
| **VII. History (6 Credits)** | |
| HIS 1305 Introduction to African & African-American History | 3 |
| HIS 2305 Survey of US History | 3 |
| | |
| **VIII. Visual and Performing Arts (3 CR)** *Select one course* | |
| ART 1302 History of Western Art | 3 |
| ART 1303 Art of Africa, Oceania and Americas | 3 |
| ART 2301 Contemporary African Art | 3 |
| ART 2305 Introduction to Theater | 3 |
| | |
| **IX. Social Sciences (3 Credits)** *Select one course* | |
| See List of Social Science Courses | 3 |
| | |
| **X. Writing (3 Credits)** | |
| COM 2301 Technical Communication | 3 |
| | |
| **BSS REQUIREMENTS (9 Credits)** *Select three courses* | **Credits** |

| | |
|---|---|
| CIS 2301 Introduction to Computer-Based Information Systems | 3 |
| BUS 3300 Globalization and Business Practices | 3 |
| BUS 3320 Business Ethics | 3 |
| PHL 3310 Contemporary Moral Problems | 3 |
| POL 3325 Global Ethics | 3 |
| MGS 4315 Principles of Leadership | 3 |
| | |
| **MAJOR REQUIREMENTS (40 Credits)** | **Credits** |
| CSC 2301 Principle of Computer Programming | 3 |
| CIS 3301 Managing IT Projects | 3 |
| CIS 3305 Advanced Spreadsheet | 3 |
| CIS 3310 System Analysis | 3 |
| CIS 3315 Telecommunication for Business | 3 |
| CIS 3322 Management of Information Services | 3 |
| CIS 3325 Database Management Systems | 3 |
| CIS 3326 Internet Applications Development | 3 |
| CIS 4301 Information System Infrastructure and Network | 3 |
| CIS 4305 Introduction to Business Intelligence | 3 |
| CIS 4310 Enterprise Application Development | 3 |
| CIS 4398 Internship | 3 |
| CIS 4499 Capstone | 4 |
| | |
| **BUSINESS REQUIREMENTS (18 Credits)** | **Credits** |
| *Mandatory courses* | |
| ACT 2301 Principles of Accounting I | 3 |
| FIN 3305 Corporate Finance | 3 |
| MGS 3301 Principles of Management | 3 |
| MKT 3301 Principles of Marketing | 3 |
| *Select two courses* | |
| ACT 2302 Principles of Accounting II | 3 |
| MGS 3305 Business and Entrepreneurship | 3 |
| MGS 3310 Business Analysis | 3 |
| MGS 3315 Organizational Behavior | 3 |
| | |
| **GENERAL ELECTIVES (9 Credits)** | **Credits** |
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| **TOTAL NUMBER OF CREDITS** | **120-121** |