

Program Name**Computer Programming and Analysis****FIRST YEAR - Suggested**

| Fall Semester | Credit Hours |
|---|--------------|
| CGS 1100 Microcomputer Skills | 4 |
| ENC 1101 Composition I | 3 |
| PHI 2100 Logic | 3 |
| COP 1000 Introduction to Computer Programming | 3 |
| | |
| | |
| Total | 13 |

SECOND YEAR - Suggested

| Fall Semester | Credit Hours |
|-------------------------------------|--------------|
| CIS 2321 Data Systems & Management | 3 |
| COP 1170 Visual Basic Programming I | 3 |
| COP 1224 Programming with C++ | 3 |
| 1 Computer Elective* | 3 |
| | |
| | |
| Total | 12 |

FIRST YEAR - Suggested

| Spring Semester | Credit Hours |
|--|--------------|
| ENC 1102 Composition II | 3 |
| Gen Ed Mathematics | 3 |
| MAN 2021 Mang Princ OR SBM 2000 Small Bus. Mgmt. | 3 |
| CNT 1000 Computer Networking Essentials | 3 |
| | |
| | |
| Total | 12 |

SECOND YEAR - Suggested

| Spring Semester | Credit Hours |
|---|--------------|
| COP 2171 VB Prog II or COP 2228 Adv. Prog. with C++ | 3 |
| COP 2701 Database Programming | 3 |
| SPC 1017 OR SPC 2023 Speech | 3 |
| 1 Computer Elective* | 3 |
| | |
| | |
| Total | 12 |

FIRST YEAR - Suggested

| Summer Semester | Credit Hours |
|---|--------------|
| CGS 2260 Computer Hardware/Software Maintenance | 3 |
| SLS 1331 Personal Business Skills | 3 |
| ACG 1001 Financial Accounting I | 3 |
| | |
| | |
| Total | 9 |

SECOND YEAR - Suggested

| Summer Semester | Credit Hours |
|-----------------------|--------------|
| Gen Ed Social Science | 3 |
| 1 General Elective** | 2 |
| | |
| | |
| Total | 5 |

*Complete Computer Science electives at the 2000-level (2 courses) excluding those required in the Core.

**Take 2 hours of electives. Electives may be selected from any Business, Computer Technology, Office Systems Technology, Drafting and Design, or student internships.

SUGGESTED SEMESTER PLANNING**Degree Core Requirements**

| Course | Fall | Spring | Summer |
|---|------|--------|--------|
| CGS 1100 Microcomputer Skills | X | X | X |
| CGS 2260 Computer Hardware/Software Maintenance | X | X | X |
| CNT 1000 Computer Networking Essentials | X | X | X |
| COP 1000 Introduction to Computer Programming | X | X | X |
| CIS 2321 Data Systems & Management | X | X | X |
| COP 1170 Visual Basic Programming I | X | | |
| COP 1224 Programming with C++ | X | | |
| COP 2171 Visual Basic Programming II | | X | |
| COP 2228 Advanced Programming with C++ | | X | |
| COP 2701 Database Programming | X | | |
| SLS 1331 Personal Business Skills | X | X | X |
| ACG 1001 Financial Accounting I | X | X | X |
| MAN 2021 Management Principles | X | X | X |