

CURRICULUM GUIDE FOR COMPUTER INFORMATION SYSTEMS MAJOR

(This is an example. Not all general education courses are listed or noted.)

YEAR 1

| FALL | COURSE TITLE | CREDITS |
|----------|--------------------------|---------|
| BUMG 112 | Principles of Management | 3 |
| CIS 103 | Introduction to CIS | 3 |

| SPRING | COURSE TITLE | CREDITS |
|---------|--|---------|
| CIS 201 | Advanced Computer Applications in Business | 3 |
| CIS 211 | Introduction to Programming | 3 |
| CIS 220 | Systems Development Methodologies | 3 |

YEAR 2

| FALL | COURSE TITLE | CREDITS |
|----------|------------------------------------|---------|
| BUAC 225 | Principles of Financial Accounting | 3 |
| CIS 230 | Business Applications Development | 3 |
| CIS 250 | Java Programming | 3 |

| SPRING | COURSE TITLE | CREDITS |
|----------|---------------------|---------|
| CIS 270 | Discrete Structures | 3 |
| MATH 220 | Statistics | 3 |
| CIS XXX | CIS Elective | 3 |

YEAR 3

| FALL | COURSE TITLE | CREDITS |
|---------|------------------------------------|---------|
| CIS 336 | Database Design and Implementation | 3 |
| CIS XXX | CIS Elective | 3 |
| CIS 3XX | CIS Elective | 3 |

| SPRING | COURSE TITLE | CREDITS |
|---------|--|---------|
| CIS 327 | Distributed Systems and Communications | 3 |
| CIS 340 | Computer Security* | 3 |

YEAR 4

| FALL | COURSE TITLE | CREDITS |
|---------|--------------------------|---------|
| CIS 350 | Web Programming* | 3 |
| CIS 420 | Project Management in IT | 3 |
| CIS 445 | Operating Systems | 3 |

| SPRING | COURSE TITLE | CREDITS |
|---------|---------------------|---------|
| CIS 441 | Systems Development | 3 |
| CIS 499 | Senior Capstone | 3 |

*Students may take either CIS 340 Computer Security or CIS 350 Web Programming. Both are not required.