# COMPUTERS INFORMATION SYSTEMS PLANNER 2010
## MAJOR SEQUENCE REQUIREMENTS

### Freshman

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|---|---|
| _____ CIS 106 IT Methods & Procedures | _____ CIS 117 Visual Basic Programming II |
| _____ CIS 116 Programming Concepts I | _____ CIS 119 Microcomputer Principles |
| _____ MSB 110 Introduction to Financial Accounting | _____ MSB 120 Intro to Mgt. Accounting & Planning |
| _____ CORE | _____ MATH 122 Calculus |
| _____ CORE | _____ CORE |
| _____FYE (1 credit) | |

### Sophomore

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|---|---|
| _____ CIS 244 Structured Programming | _____ CIS 251 WEB-based Information Systems |
| _____ CIS 255 Geographic GIS | _____ ECON 221 or MATH 126 Statistics |
| _____ CIS/CS Elective/Minor/Additional Mathematics/Business/Science/CORE | _____ CIS/CS Elective/Minor/Additional Mathematics/Business/Science/CORE |
| _____ CORE | _____ CORE |
| _____ CORE | _____ CORE |

### Junior

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|---|---|
| _____ CIS 351 Systems Analysis/Design/ Implementation I | _____ CIS 352 Systems Analysis/Design/ Implementation II |
| _____ CIS 385 Data Communications I | _____ CIS 386 Data Communications II |
| | _____ CIS 356 Database Management Systems |
| _____ CIS/CS Elective/Minor/Additional Mathematics/Business/Science/CORE | CIS/CS Elective/Minor/Additional Mathematics/Business/Science/CORE |
| _____ CORE | _____ CORE |
| _____ CORE | |

### Senior

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|---|---|
| _____ CIS 491 Independent Study OR CIS 499 Internship | CIS 470 Adv.Object-Oriented Programming |
| _____ CIS 472 Project Management | _____ CIS 487 Network Security |
| _____ CIS/CS Elective/Minor/ Additional Mathematics/Business/ Science CORE | _____ CIS/CS Elective/Minor/ Additional Mathematics/Business/ Science CORE |
| _____ CORE | _____ CORE |
| _____ CORE | _____ CORE |