

**COMPUTERS INFORMATION SYSTEMS PLANNER 2010
MAJOR SEQUENCE REQUIREMENTS**

Freshman

_____ 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

_____ 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

_____ 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

_____ 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

