

Advisor: _____

Check List
CIS 5110 (Information Technology)
Total 124 credit hours (40 must be Upper Division)
2004 – 2006 Catalog

Student Name _____ SSN: _____

A. Core Curriculum (See Academic Regulations in Catalog) (51 cr. hrs.)

Grade	Area 1. Basic requirements (12 hours)	Date
_____	A. English Composition (Eng 101 and 102 or Eng 111 (WI))	_____
_____	B. Communication (Comm 100)	_____
_____	C. Mathematics (Math 130 or above) * (Math Core)	_____
Grade	Area 2. Humanities and Fine Arts (9 hours)	Date
_____	A. Fine Arts (Art 110 or Mus 110 or Th 110) (Select 1)	_____
_____	B. Literature (Eng 261, 262, 271, 272, 281, 282) (Select 1)	_____
_____	C. Humanities (Eng 150, 305, 261, 262, 271, 272, 281, 282 Phil 201, 212, Art 110, Mus 110, Th 110) (Select 1)	_____
Grade	Area 3. Natural Science and Behavioral Sciences (12 hours)	Date
_____	A. Biology (Bio 101)	_____
_____	B. Phys 100 Fundamentals of Physical Science	_____
_____	C. Behavioral Science (Psy 100 or Soc 110) (Select 1)	_____
Grade	Area 4. American Cultural Studies (9 hours)	Date
_____	A. U. S. History (Hist 110 and (Hist 120 or Hist 320))	_____
_____	B. Govt: US, State, & Local Government (PSc 120)	_____
Grade	Area 5. MSSC Special Emphasis (9 hours)	Date
_____	A. International Cultural Studies (Hist 130 or 140, 150, Geog 211, 310, Anth 155, 342, Foreign Language, IB 310, Comm 305, Soc 303, CJAd 301, Phil 320, Eng 385, IntS 201) (Select One)	_____
_____	B. Health and Wellness (Kine 101 and Kine 103)	_____
_____	C. Economics (Econ 180 or Econ 201)	_____

B. CIS Core (See CIS Department in Catalog) (33 cr. hrs.)

Grade	Courses:	Prerequisite:	Date
_____	CIS 110 Programming I (F, S)	Co-req Math 130 >	_____
_____	CIS 210 Programming II (F, S)	CIS 110	_____
_____	CIS 302 Information Systems I (S)		_____
_____	CIS 310 Database Mgmt. Sys. I (F, S)	CIS 210	_____
_____	CIS 315 Computer Networks (F, S)	CIS 110 or CIS 305 or CADD 115 or MM 237	_____
_____	CIS 345 UNIX System Admin (F)	CIS 210 and CIS 315	_____
_____	CIS 350 Data Structures (S)	CIS 210	_____
_____	CIS 410 Information Systems II (WI) (F)	CIS 302	_____
_____	CIS 425 Database Mgmt. Sys. II (WI) (S)	CIS 310 and CIS 410	_____
_____	CIS 435 Data Mining (F)	CIS 310 and (GB 321 or Math 310 or Math 361 or BIO 350)	_____
_____	CIS 450 Operating Systems (WI) (F)	CIS 350 co-req CIS 345	_____

C. Professional Electives (See CIS Department in Catalog) (12cr. hrs.) (Select 2 Groups)

Grade	Course	Prerequisite	Date
_____	CIS 230 Programming with RPG (S)	CIS 210	_____
	AND		
_____	CIS 321 Advanced RPG (F)	CIS 230	_____
_____	CIS 234 Programming with COBOL (F)	CIS 210	_____
	AND		
_____	CIS 334 Advanced COBOL (S)	CIS 234	_____
_____	CIS 308 Website Admin. I (S)	CIS 110	_____
	AND		
_____	CIS 340 Website Admin. II (F)	CIS 308 and CIS 310	_____
_____	CIS 370 Programming with Java (F)	CIS 210	_____
	AND		
_____	CIS 380 Win Programming w/ MFC (S)	CIS 210	_____
_____	CIS 325 Windows LAN Admin (S)	CIS 315	_____
	AND		
_____	CIS 440 Computer Forensics (S)	CIS 315 and CIS 345	_____

D. Supporting Concentration (See CIS Department in Catalog) (18 cr. hrs.)

Grade	Course	Prerequisite	Date
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

E. Supporting Requirements (See CIS Department in Catalog) (6 cr. hrs.)

Grade	Course	Prerequisite	Date
_____	Math 130 College Algebra (F, S)	Math 30 or equivalent	_____
_____	GB 321 Business Statistics I (F, S)	Math 130, 131 or higher, MM 237	_____
	OR		
_____	Math 310 Elementary Statistics (D)	Math 130 or equivalent	_____
	OR		
_____	Math 361 Probability and Statistics I (F)	Math 260	_____

F. General Electives (See CIS Department in Catalog) (7 cr. hrs.)

Grade	Course	Prerequisite	Date
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____