

Name: \_\_\_\_\_

ID: \_\_\_\_\_

Revised 04/28/2008

	Required Course	Pre-Req	CR	Done (X)	(write number of credit hours in boxes below)								Later (X)	
					Su 08	F 08	W 09	Sp 09	Su 09	F 09	W 10	Sp 10		
COMPUTER SCIENCE	CS 160		4											
	MTH 231	MTH 112	4											
	MTH 232	MTH 231	4											
	CS 161	con=MTH 231	4											
	CS 162	CS 161, MTH 231	4											
	CS 261	CS 162, MTH 232	4											
	CS 271	CS 161	4											
	CS 275	CS 261	4											
	MTH 111	MTH 095 or equivalent	4											
	MTH 112	MTH 111	4											
	MTH 251 (MTH 241 < F06)	MTH 112	4											
	MTH 252 (MTH 245 < F06)	MTH 251	4											
	ST 314 (n/a < F06)	MTH 252	3											
	COMM 111/114		3											
	WR 121 - By Last Name (A-G=Fall, H-N=Winter, O-Z=Spring)		3											
	WR 214/222	WR 121	3											
	WR 327	WR 121	3											
	CS 311	CS 261, (CS 271 or ECE 271)	4											
	CS 325	CS 261, MTH 232	4											
	CS 361	CS 261	4											
	CS 362	CS 361	4											
	CS 372	CS 261, (CS 271 or ECE 271)	4											
	CS 381	CS 261, (CS 321 recommended)	4											
	CS 391	Junior Standing	3											
	CS 411	CS 311, (CS 271/ECE 375)	4											
	CS 440	CS 261, CS 275	4											
	CS 461	CS 361 (CS 461-463 in same year)	2											
	CS 462	CS 361, con=CS 362, CS 461	2											
CS 463	CS 361, CS 362, CS 462	2												
	CS Elective =	3-4												
	CS Elective =	3-4												
<b>BUSINESS MINOR (28 Total Credits)</b>														
ECON 201	MTH 111	4												
	BA Course =	4												
	BA Course =	4												
	BA Course =	4												
	BA Course =	4												
	BA Course =	4												
	BA Course =	4												
HHS Lecture (Last Name: O-Z=Fall, A-G=Winter, H-N=Spring)		2												
HHS Lab		1												
Biology + Lab		4												
Perspective (Physical Science)		4												
Perspective (2nd Bio+Lab or Physical Science)		4												
Perspective (Western Culture)		3												
Perspective (Cultural Diversity)		3												
Perspective (Literature and Arts)		3												
Difference, Power, & Discrimination		3												
Synthesis (Contemporary Global Issues)-Junior		3												
Unrestricted Electives		18												
<b>CREDITS FROM BACK PAGE</b>														
<b>TOTAL CREDITS PER TERM</b>														

Su 08 F 08 W 09 Sp 09 Su 09 F 09 W 10 Sp 10

P Fall 2008: \_\_\_\_\_  
 I Winter 2009: \_\_\_\_\_  
 N Spring 2009: \_\_\_\_\_

Reviewed by: \_\_\_\_\_ Date \_\_\_\_\_  
 (Advisor Signature)

Course	(write number of credit hours in boxes below)							
	Su 08	F 08	W 09	Sp 09	Su 09	F 09	W 10	Sp 10
<b>O T H E R</b>								

**PRO-SCHOOL REQUIREMENTS**

Course	Title	Pre-Req
CS 160	Computer Science Orientation	
MTH 231	Elements of Discrete	MTH 112
MTH 232	Elements of Discrete	MTH 231
CS 161	Introduction to Computer	con=MTH 231
CS 162	Introduction to Computer	CS 161, MTH 231
CS 261	Data Structures	CS 162, MTH 232
CS 271	Computer Arch. & Assembly	CS 161
CS 275	Introduction to Databases	CS 261
MTH 251	Differential Calculus	MTH 112
MTH 252	Integral Calculus	MTH 251
COMM 111/114	Public Speaking	
WR 121	English Composition	
WR 214/222	Business Writing/English Comp	WR 121
ECON 201	Microeconomics	MTH 111

**CS ELECTIVES (Information Subject to Change)**

Course	Title	CR	Pre-Req	Term
CS 321	Intro to Theory of Computation (non-CSO)	3	CS 261	Fall, Summer
CS 331	Intro to Artificial Intelligence	4	CS 325	Spring
CS 352	Intro to Usability Engineering (non-ACSO)	4	CS 161/295	Winter, Summer
CS 419	ST/Open Source Software	4	Programing Experience (CS 261)	Spring
CS 420	Graph Theory with CS Applications	3	CS 325, MTH 232	Winter 2009
CS 434	Machine Learning & Data Mining	4	CS 325	Fall
CS 440	Database Mgt Systems (non-ISO)	4	CS 261, 275	Winter
CS 450	Introduction to Computer Graphics	4	MTH 254	Fall
CS/ECE 472	Computer Architecture (non-CSO)	4	ECE 375	Spring, Fall
CS 475	Intro to Parallel Computing	4	CS 325	Winter 2008
CS 480	Translators (non-CSO)	4	CS 311, 321, 325	Winter
CS/ECE 476	Advanced Computer Networking	4	ECE/CS372/ECE 465	Winter
ECE 471	Advanced Digital & Integrated Circuit Design	4	ECE 271, 375, Beginning Verilog/Vhdl	Winter
ECE 473	Microprocessor System Design	4	CS 261, ECE 322, 375	Fall
ECE 474	VLSI System Design	4	ECE 322, 375	Winter
ECE 477	Multimedia Systems	4	ECE 375	Spring
MTH 351	Intro to Numerical Analysis (non-CSO)	3	MTH 306	All
MTH 440	Computational Number Theory	3	MTH 231/343/Instructor Approval	Fall
MTH 451	Numerical Linear Algebra	3	MTH 341, Programming	Fall
MTH 452	Numerical Solutions-Ordinary Diff Equation	3	MTH 256, 451/551	Winter
MTH 453	Numerical Solutions-Partial Diff Equations	3	MTH 452/552	Spring
ST 441	Intro to Modeling and Simulation	4	ST 422/522	Not Offered