

	Required Course	Pre-Req	CR	Done (X)	(write number of credit hours in boxes below)								Later (X)	
					F 09	W 10	Sp 10	Su 10	F 10	W 11	Sp 11	Su 11		
COMPUTER SCIENCE - COMPUTER SYSTEMS	CS 160		4		4									
	CS 161	MTH 112 or MPT>=33	4				4							
	CS 162	CS 161, con=MTH 231/ECE 271	4					4						
	CS 261	CS 162, MTH 231	4						4					
	CS 275	CS 261	4							4				
	MTH 231	MTH 112	4					4						
	MTH 232	MTH 231, Take After CS 261	4											X
	ECE 271	con=MTH 251/231	3								3			
	MTH 111	MTH 095 or equivalent	4			4								
	MTH 112	MTH 111	4				4							
	MTH 251	MTH 112	4					4						
	MTH 252	MTH 251	4						4					
	MTH 254	MTH 252	4							4				
	MTH 306	MTH 252	4							4				
	ST 314	MTH 252	3											X
	PH 211 & PH 221	MTH 251	5								5			
	PH 212 & PH 222	MTH 252, PH 211	5											X
	PH 213 & PH 223	MTH 254, PH 212	5											X
	COMM 111 or COMM 114		3				3							
	WR 121 - By Last Name (A-G=Fall, H-N=Winter, O-Z=Spring)		3			3								
	WR 214 or WR 222	WR 121	3					3						
	WR 327	WR 121	3											X
	CS 311	CS 261, (CS 271 or ECE 271)	4											X
	CS 321	CS 261, MTH 232	3											X
	CS 325	CS 261, MTH 232	4											X
	CS 361	CS 261	4											X
	CS 362	CS 361	4											X
	CS 372	CS 261, (CS 271 or ECE 271)	4											X
	CS 381	CS 261, MTH 232, CS 321 - Rec	4											X
	CS 391	Junior Standing	3											X
	ECE 375	ECE 271, C Program	4											X
	MTH 351	MTH 306	3											X
	CS 411	CS 311, (CS 271 or ECE 375)	4											X
CS 461	CS 361 (CS 461-463 in same year)	2											X	
CS 462	CS 361, con=CS 362, CS 461	2											X	
CS 463	CS 361, CS 362, CS 462	2											X	
CS/ECE 472	ECE 375	4											X	
CS 480	CS 311, 321	4											X	
	CS Elective = Enter Course Here	3-4											X	
	CS Elective = Enter Course Here	3-4											X	
	HHS Lecture	2				2								
	HHS Lab or PAC	1				1								
	Biology + Lab	4				4								
	Perspective (Western Culture)	3			3									
	Perspective (Cultural Diversity)	3				3								
	Perspective (Literature & Arts)	3					3							
	Perspective (Social Processes & Institutions)	3						3						
	Difference, Power, & Discrimination	3							3					
	Synthesis (Contemporary Global Issues)-Junior	3											X	
	Lib Arts Elective = Enter Course Here	3											X	
	Lib Arts Elective = Enter Course Here	3											X	
	Lib Arts Elective = Enter Course Here	3											X	
	Lib Arts Elective = Enter Course Here	3											X	
	Unrestricted Electives	3											X	
	CREDITS FROM BACK PAGE					0	0	0	0	0	0	0	0	
						14	14	14	0	15	15	15	0	

P Winter 2010: _____
 I Spring 2010: _____
 N Fall 2010: _____

Reviewed by: _____ Date: _____

Course	(write number of credit hours in boxes below)							
	F 09	W 10	Sp 10	Su 10	F 10	W 11	Sp 11	Su 11
O T H E R								

PRO-SCHOOL REQUIREMENTS

Course		Pre-Req
CS 160	Computer Science Orientation	
MTH 231	Elements of Discrete Mathematics	MTH 112
CS 161	Introduction to Computer Science I	MTH 112 or MPT \geq 33
CS 162	Introduction to Computer Science II	CS 161, con=MTH 231
CS 261	Data Structures	CS 162, MTH 231
CS 275	Introduction to Databases	CS 261
MTH 251	Differential Calculus	MTH 112
MTH 252	Integral Calculus	MTH 251
MTH 254	Vector Calculus	MTH 252
MTH 306	Matrix & Power Series	MTH 252
ECE 271	Digital Logic Design	con=MTH 231/251
COMM 111/114	Public Speaking	
WR 121	English Composition	

CS ELECTIVES (Information Subject to Change)

Course	Title	CR	Pre-Req	Term
CS 312	Linux System Administration	4	CS 311	Check Catalog
CS 321	Intro to Theory of Computation (non-CSO)	3	CS 261, MTH 232	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	Programming Experience (CS 261)	Spring
CS 419	ST/CS Skills/Sim & Game Development	4	CS 261, Senior Standing	Fall 2009
CS 420	Graph Theory with CS Applications	3	CS 325, MTH 232	Check Catalog
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 306	Fall
CS/ECE 472	Computer Architecture (non-CSO)	4	ECE 375	Spring, Fall
CS 475	Intro to Parallel Computing	4	CS 325	Check Catalog
CS 480	Translators (non-CSO)	4	CS 311, 321	Winter
CS/ECE 476	Advanced Computer Networking	4	ECE/CS372/ECE 465	Winter
ECE 471	Advanced Digital & Integrated Circuit Design	4	ECE 322, ECE 323, ECE 375	Winter
ECE 473	Microprocessor System Design	4	CS 261, ECE 322, 375	Fall
ECE 474	VLSI System Design	4	ECE 322, 375	Spring 10
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	Check Catalog