

## Computer Science Degree Plan Catalog Start Year 2008

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

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

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

**Lower Division Requirements +(31)**

		1	2	3	GR	HR
ENGL 1311 +	Expos. English Composition					3
ENGL 1312 +	Research & Critical Writing					3
PHIL 2306+	Ethics: Phil Persp. Human Cond & Values					3
CS 1401 +	Intro. to Computer Science					4
CS 2401 +	Elem. Data Struct./Algorithms					4
CS 2302 +	Data Structures					3
EE 2369 +	Digital Systems Design I					3
EE 2169 +	Digital Systems Design I Lab					1
MATH 1411 +	Calculus I					4
MATH 2300 +	Discrete Mathematics					3

**Core Curriculum +(24)\***

		1	2	3	GR	HR
Soc. Beh. Sci						3
Vis. Perf. Arts						3
Comm						3
I.D.O.						3
HIST 1301 +	History of U.S. to 1865					3
HIST 1302 +	History of U.S. Since 1865					3
POLS 2310 +	Introduction to Politics					3
POLS 2311 +	American Government & Politics					3

**Required Mathematics Courses +(12)\***

		1	2	3	GR	HR
MATH 1312 +	Calculus II					3
MATH 3323 +	Matrix Algebra					3
MATH 4329+	Numerical Analysis					3
MATH 4370	Topic: Probability and Statistics					3

**Free Electives +(3)\***

		1	2	3	GR	HR
						3

**Quantitative Science Sequence +(8)\***

		1	2	3	GR	HR

**LAB Science Elective (4)\***

		1	2	3	GR	HR

1,2,3= Semester course was taken (1st attempt, 2nd attempt, 3rd attempt)

GR = Grade Received (precede with "T" if transfer grade) HR = Hours T = Transfer Credit

**Upper Division Requirements (26)**

		1	2	3	GR	HR
CS 3195	Jr. Professional Orientation					1
CS 3320 +	Comp Arch II: Adv. Design /Imp					3
CS 3331 +	Adv. Object-Oriented Programng					3
CS 3350	Automata/Computabi/Formal Lang.					3
CS 3360	Design/Implementation Prog. Lan.					3
CS 3432 +	Comp Arch I:Com Org/Design					4
CS 4310 +	Software Eng: Requirements Eng.					3
CS 4311	Software Eng: Design & Implmnt.					3
CS 4375	Theory of Operating Systems					3

**Technical Electives +(12)\***

		1	2	3	GR	HR
						3
						3
						3
						3

Total Lower Division Hours		/	31
Total Upper Division Hours		/	26
Total Core Curriculum Hours		/	24
Total Required Mathematics Hours		/	12
Total Free Elective Hours		/	3
Total Science Sequence Hours		/	8
Total Quantitative Science Hours		/	4
Total Technical Elective Hours		/	12

Total Hours: \_\_\_\_\_

Hours Required: 120

Overall GPA: \_\_\_\_\_

CS GPA: \_\_\_\_\_

Advisor: \_\_\_\_\_ Date: \_\_\_\_\_

CS Chair: \_\_\_\_\_ Date: \_\_\_\_\_

All 1000 level courses must be completed before 90 hours are earned