Requirements Effective March 2012 COMPLETED _____ DATE _____

COMPUTER SCIENCE

_____	_____	_____	B.S.
NAME	I.D.#	Expected Grad Date	Degree

General Education Requirements

has	needs	
	3	THEO 101 Christian Formation
	3	BLIT 202 Christian Scriptures I
	3	BLIT 303 Christian Scriptures II
	3	THEO 404 Christian Faith
	3-4	ENGL 108 or 109 College Writing I
	3	ENGL 210 College Writing II
	3	COMM 105 Fundamentals of Communication
	3	FINA 101 Intro to Fine Arts
	3	HIST 200 Western Civilization
	3	LIT 205 Studies in Literature
	3	Select from: ECON 110, PSCI 101, PSCI 223, PSYC 101, SOCY 120
	3-8	Elementary I, II Foreign Language OR approved International Culture courses _____
	3-4	BIOL 201 General Biological Science OR approved biological Science lab course _____
	3	PHED 126 Nutrition or PHED 190 Wellness

A minimum GPA of 2.00 in all CSIS coursework is required for graduation.

Major: 54 hours

has	needs	
	.5	CSIS 104 Seminar I
	3	CSIS 105 First Time Programming OR CSIS 131 Intro to Web Programming
	3	CSIS 115 Computing and Society
	4	CSIS 245 Database and Information Systems
	4	CSIS 251 Principles of Programming I
	.5	CSIS 304 Seminar II
	4	CSIS 326 Network Administration and Theory
	1	CSIS 404 Senior Seminar

Additional Required Computer Science courses:

	3	CSIS 252 Principles of Programming II
	3	CSIS 255 Systems Administration
	3	CSIS 311 Discrete Mathematics
	4	CSIS 366 Computer Organization/Design
	3	CSIS 381 Systems Programming
	3	CSIS 453 Design Patterns
	3	CSIS 457 Software Engineering
	3	CSIS 475 Theory of Computation
	3	CSIS 485 Great Issues of Computing
	3	CSIS 491 Research Problems
	3	Additional Computer Science numbered above 200 _____

Required Supporting Courses:

	3	ENGN 270 Digital Systems
	4	MATH 147 Calculus I
	1	MATH 151 Freshman Seminar in Mathematics
	4	MATH 241 Statistics
	3	MATH 351 Linear Algebra

One of the following sequences:

	8	CHEM 103/104 General Chemistry I and II
	10	PHYS 201/202 General Physics I and II
	8	BIOL 125/126 Gen Biology I and II

OR two of the following:

	4	GEOL 105 Physical & Historical Geology
	4	GEOL 121 Physical Geography
	4	GEOL 130 Astronomy

Plus one additional science course from those listed _____

Recommended Supporting Courses (one or more)

	3	BSNS 367 Organizational Behavior
	3	COMM 347 Organizational Communication
	3	ENGL 315 Business and Technical Writing