B.S. in COMPUTER SCIENCE

Name _____ ID# _____

Advisor _____

CORE: 61 HOURS

Area A (9 hrs)	Hrs	Term	Grade	
ENGL 1101 Composition I (min grade C)	3			
ENGL 1102 Composition II (min grade C)	3			
MATH 1113 Precalculus	3			

Area B (4 hrs min)	Hrs	Term	Grade	Test
CIS 1000	2			
SOSC 1000, SOSC 1101, GEOG 1101	2/3			
ENGL 2200	3			
COMM 1110	3			
SOCI 2295	2			
THEA 1110	3			
Foreign Language (2000 or higher)	3			

Area C (6 hrs)	Hrs	Term	Grade	
ENGL 2110 or ENGL 2120 or ENGL 2130	3			
Select one:	3			
ARTC 1100, MUSC 1100 or THEA 1100				

Area D (12 hrs) Area D Lists	Hrs	Term	Grade	
Lab Science I	4			
Lab Science II	4			
MATH 1120 Calculus I	4			

Area E (12 hrs)	Hrs	Term	Grade	
POLS 1101 American Government	3			
HIST 1111 or 1112 World Civilization I or II	3			
HIST 2111 or 2112 US History I or II	3			
Select one:	3			
ECON 2105, SOCI 1101,				
HIST 1111 or 1112				
PSYC 1101 or ANTH 1102				

Area F (18 hrs)	Hrs	Term	Grade	
CSCI 1301 Intro to Programming I	4			
CSCI 1302 Intro to Programming II	4			
CSCI 2100 Assembly Language Prog	3			
CSCI 2500 Discrete Structures	3			
MATH 2221 Calculus II	4			

Physical Education (4 hrs)	Hrs	Term	Grade	
PEDS 1010 Lifetime Fitness	1			
PEDS 2000 CPR/First Aid	2			
PEDS _____ (Activity)	1			
(Activity must be swimming if swimming test not passed)				

Additional Requirements		
GA HISTORY _____		UNIV 1000 _____
GA CONSTITUTION _____		US HISTORY _____
REGENT'S READING _____		US CONSTITUTION _____
GEOGRAPHY _____		REGENT'S WRITING_____
		SWIMMING _____

MAJOR/ELECTIVE REQUIREMENTS: 59 HOURS

Computer Science (32 hrs)	Hrs	Term	Grade
CSCI 3100 Intro Comp Organization	3		
CSCI 3300 Concepts Prog Language	3		
CSCI 3500 Data Structure & Algorithms	3		
CSCI 4100 Computer Architecture	3		
CSCI 4200 Design of Operating System	3		
CSCI 4220 Unix	3		
CSCI 4300 Software Engineering	3		
CSCI 4310 Object Oriented Prog	3		
CSCI 4400 Intro Database Systems	3		
CSCI 4500 Des & Anal of Algorithms	3		
CSCI 4910 Junior/Senior Seminar	1		
CSCI 4920 Ethics in Comp Profession	1		

Major Electives (15 hrs)	Hrs	Term	Grade
Select 15 hours:			
CIS 3300 Syst Anal Design & Implemt I	3		
CIS 4400 Info Storage & Retrieval	3		
CSCI 4110 Intro to VLSI Design	3		
CSCI 4210 Data Comm & Networks	3		
CSCI 4510 Theory of Computation	3		
CSCI 4520 Prin of Compiler Design	3		
CSCI 4820 Prin of Computer Graphics	3		
CSCI 4830 Artificial Intelligence	3		
CSCI 4930 Internship	3		
Select one:	3		
CSCI 4900 Spec Prob in CSC OR			
CIS 4900 Spec Prob in CIS			

Free Electives (6 hrs)	Hrs	Term	Grade
Free Elective	3		
Free Elective	3		

Math Electives (6 hrs)	Hrs	Term	Grade
Select two:			
MATH 2204 Elementary Statistics	3		
MATH 2222 Calculus III	4		
MATH 2223 Discrete Systems I	3		
MATH 3313 Differential Equations	3		
MATH 3320 Scientific Computation	3		
MATH 3322 Adv Math Modeling	3		
MATH 3325 Mathematical Statistics	3		

ADDITIONAL REQUIREMENTS:
Minimum grade of "C" required in **Area F** and all major classes.

UNIVERSITY REQUIREMENTS
A minimum of 120 semester hours must be completed for graduation.
39 semester hours must be upper division work at the 3000-4000 level.
Students entering prior to fall 2002 are required to pass a test of
geographic knowledge or to earn a passing grade in one of the following
courses: SOSC 1000, SOSC 1101, GEOG 1101, GEOG 4550, POLS 4550.
Students entering fall 2002 or later do not have to meet this requirement.

effective 2003-2004