

B.S. in COMPUTER SCIENCE

Name _____ ID# _____

Advisor _____

Effective Catalog Year: 2007-2008

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 |
| CIS 1000 | 2 | | |
| COMM 1110 | 3 | | |
| ENGL 2200 | 3 | | |
| SOCI 2295 | 2 | | |
| SOSC 1000, SOSC 1101, GEOG 1101 | 2/3 | | |
| THEA 1110 | 3 | | |
| WMST 2001 | 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) <small>Area D Lists</small> | 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, PSYC 1101, ANTH 1102, HIST 1111 or 1112 | | | |
| 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 | | |
| Additional Requirements | UNIV 1000 _____ | | |
| GA HISTORY _____ | US HISTORY _____ | | |
| GA CONSTITUTION _____ | US CONSTITUTION _____ | | |
| REGENTS' READING _____ | REGENTS' WRITING _____ | | |
| | SWIMMING _____ | | |

Prior Degree/Major: _____

Earned at: _____

Comments: _____

Completed by _____

Date _____

MAJOR/ELECTIVE REQUIREMENTS: 59 HOURS

| Major Core (35 hrs) | Hrs | Term | Grade |
|--|-----|------|-------|
| CSCI 3100 Intro Comp Organization | 3 | | |
| CSCI 3200 Unix | 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 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 | | |
| CSCI 4940 Capstone Project | 3 | | |
| Major Electives (12 hrs) | Hrs | Term | Grade |
| Select 12 hours: | | | |
| CIS 3300 Syst Anal Design & Implemt I | 3 | | |
| CIS 4200 Computer Security | 3 | | |
| CIS 4400 Info Storage & Retrieval | 3 | | |
| CSCI 4110 Intro to VLSI Design | 3 | | |
| CSCI 4210 Data Comm & Networks | 3 | | |
| CSCI 4320 Human Comp. Interact. | 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 CS 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.

Minimum grade of 'D' required in Math Electives.

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 2007-2008 do not have to meet swimming requirement.