ADVISOR: _____   STUDENT PHONE NUMBER: _____

CURRICULUM IN COMPUTER SCIENCE
BACHELOR OF SCIENCE – INFORMATION TECHNOLOGY CONCENTRATION

Name: _____   **W#:**_____

COMPUTER SCIENCE (51 hrs.)
✦CMPS 161 _____3_____
✦CMPS 257[3] _____3_____
✦CMPS 280 _____3_____
✦CMPS 285 _____3_____
✦CMPS 290 or 293 _____3_____
✦CMPS 294 _____3_____
✦CMPS 315 _____3_____
✦CMPS 329 _____3_____
✦CMPS 375 _____3_____
✦CMPS 383 _____3_____
✦CMPS 390 _____3_____
✦CMPS 411 _____3_____
✦CMPS 415 _____3_____
✦CMPS 420 _____3_____
✦CMPS 431 _____3_____
✦CMPS 439 _____3_____
✦CMPS 482 _____3_____

INFO TECH ELECTIVE (Pick 1)
✦CMPS 389[4] _____3_____
✦CMPS 394 _____3_____
✦CMPS 409 _____3_____
✦CMPS 455 _____3_____
✦CMPS 494 _____3_____

THEORY ELECTIVE (Pick 1)
✦CMPS 391[4] _____3_____
✦CMPS 401 _____3_____
✦CMPS 434[4] _____3_____
✦CMPS 441 _____3_____
✦CMPS 443[4] _____3_____
✦CMPS 447 _____3_____
✦CMPS 479 _____3_____
✦CMPS 493 _____3_____

ENGLISH (15 hrs.)
ENGL 101 _____3_____
ENGL 102 _____3_____
ENGL 230,
231 or 232 _____3_____
ENGL 322 _____3_____
COMM 211 _____3_____

MATHEMATICS (6 hrs.)
✦MATH 165 _____3_____
✦MATH 241 _____3_____

NATURAL SCI (15 hrs.)
SCI SEQ I[5]
Lecture_____ _____3_____
Lab_____ _____1_____
SCI SEQ II[5]
Lecture_____ _____3_____
Lab_____ _____1_____
BIOL [See Note]
Lecture_____ _____3_____
Lab_____ _____1_____
CHEM/PHYS [See Note]
Lecture_____ _____3_____

OTHER (14 hrs.)
ART/MUS
ELEC[1]_____ _____3_____
HIST
ELEC _____ _____3_____
SOC SCI
ELEC[2] _____ _____3_____
SOC SCI
ELEC[2] _____ _____3_____
SE 101* _____2_____

Students are encouraged to complete an "application area" (a cohesive group of courses that will focus on a particular application domain), to which they can apply their information technology skills. Students are encouraged to consult a Computer Science faculty member for advice on application domains, but the courses below are essentially free electives.

Application Area:

_____

Advised by:

_____

(courses specified below):

APPLICATION AREA or FREE ELECTIVES (13 hrs.)
_____ _____3_____
_____ _____3_____
_____ _____3_____
_____ _____3_____
_____ _____1_____

TOTAL SEMESTER HOURS
120

TOTAL MAJOR HOURS
57

(✦) Students are required to earn a 'C' or better in all Computer Science courses and in Math 165 and 241.

* SE 101 is not required of transfer or readmitted Southeastern students with 30 hours or more. Those students should take 2 hours of free electives instead.

[1] Visual Arts, Music, Dance or Theatre
[2] Anthropology, Economics, Geography, Psychology, Political Science or Sociology. Once course must be at 200 level or higher.
[3] Mathematics 223 may be substituted for Computer Science 257
[4] Students are required to take additional mathematics if they wish to pursue some Computer Science electives.
[5] Science sequence: Choose from (Physics 191/193 & Physics 192/194) or (Physics 221/223 & 222/224) or (Biology 151/152 & 153/154) or (Chemistry 121/123 & 122/124). Note that some of these sequences require additional math prerequisites.
Note: Because Biology 151 and 153 satisfy the Biological Science requirement, students taking biology as their science sequence must take a physics or chemistry course, with a lab, to replace it. All science courses must be taken from the list above[5].