

CURRICULUM IN COMPUTER SCIENCE
 Bachelor of Science – Information Technology Concentration

ADVISOR: _____

STUDENT PHONE NUMBER: _____

Name: _____

W#: _____

COMPUTER SCIENCE (58 hrs.)

- ✦CMPS 161 _____ 3 _____
- ✦CMPS 257³ _____ 3 _____
- ✦CMPS 280 _____ 3 _____
- ✦CMPS 294 _____ 3 _____
- ✦CMPS 285 _____ 3 _____
- ✦CMPS 293 _____ 3 _____
- ✦CMPS 309 _____ 3 _____
- ✦CMPS 315 _____ 3 _____
- ✦CMPS 319 _____ 3 _____
- ✦CMPS 375 _____ 3 _____
- ✦CMPS 383 _____ 3 _____
- ✦CMPS 390 _____ 3 _____
- ✦CMPS 411 _____ 3 _____
- ✦CMPS 420 _____ 3 _____
- ✦CMPS 431 _____ 3 _____
- ✦CMPS 439 _____ 3 _____
- ✦CMPS 481 _____ 1 _____

INFO TECH ELECTIVE (3 hrs.)

- ✦CMPS 320 _____ 3 _____
- ✦CMPS 389⁴ _____ 3 _____
- ✦CMPS 394 _____ 3 _____
- ✦CMPS 409 _____ 3 _____

THEORY ELECTIVES (6 hrs.)

- ✦CMPS 391⁴ _____ 3 _____
- ✦CMPS 393⁴ _____ 3 _____
- ✦CMPS 401 _____ 3 _____
- ✦CMPS 432 _____ 3 _____
- ✦CMPS 441 _____ 3 _____
- ✦CMPS 443⁴ _____ 3 _____
- ✦CMPS 479 _____ 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 (12 hrs.)

- SCI SEQ I⁵ _____ 4 _____
- SCI SEQ II⁵ _____ 4 _____

- BIOL _____ 4 _____
- [See Note]

OTHER (13 hrs.)

- ART/MUS
- ELEC¹ _____ 3 _____
- HIST
- ELEC _____ 3 _____
- SOC SCI
- ELEC² _____ 3 _____
- ART/SOC
- SCI^{1,2} _____ 3 _____
- SE 101* _____ 3 _____

ELECTIVES (18 hrs.)

- _____ 3 _____
- _____ 3 _____
- _____ 3 _____
- _____ 3 _____
- _____ 3 _____
- _____ 3 _____

Students must use electives to learn an “application area” to which they can apply their information technology skills. This can be any published minor, or they may use a custom area by getting their advisor’s approval on a curriculum of at least 18 semester hours. (Note that students wishing to pursue graduate school may be advised to include additional math courses.)

TOTAL SEMESTER HOURS: 121-124

TOTAL MAJOR HOURS: 58

(✦) 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.

¹ Visual Arts, Music, Dance or Theatre

² Anthropology, Geography, Psychology, Political Science, or Sociology

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 221, 222, 223, 224) or (Biology 151, 152, 153, 154) or (Chemistry 121, 122, 123, 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.