

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 <sup>3</sup>	_____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_____

**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 <sup>5</sup>	
Lecture	_____3_____
Lab	_____1_____
SCI SEQ II <sup>5</sup>	
Lecture	_____3_____
Lab	_____1_____

BIOL [See Note]

Lecture	_____3_____
Lab	_____1_____

CHEM/PHYS [See Note]

Lecture	_____3_____
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**OTHER (14 hrs.)**

ART/MUS	
ELEC <sup>1</sup>	_____3_____
HIST	
ELEC	_____3_____
SOC SCI	
ELEC <sup>2</sup>	_____3_____
SOC SCI	
ELEC <sup>2</sup>	_____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):

**INFO TECH ELECTIVE (Pick 1)**

†CMPS 389 <sup>4</sup>	_____3_____
†CMPS 394	_____3_____
†CMPS 409	_____3_____
†CMPS 455	_____3_____
†CMPS 494	_____3_____

**THEORY ELECTIVE (Pick 1)**

†CMPS 391 <sup>4</sup>	_____3_____
†CMPS 401	_____3_____
†CMPS 434 <sup>4</sup>	_____3_____
†CMPS 441	_____3_____
†CMPS 443 <sup>4</sup>	_____3_____
†CMPS 479	_____3_____
†CMPS 493	_____3_____

**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.

<sup>1</sup> Visual Arts, Music, Dance or Theatre

<sup>2</sup> Anthropology, Economics, Geography, Psychology, Political Science or Sociology. Once course must be at 200 level or higher.

<sup>3</sup> Mathematics 223 may be substituted for Computer Science 257

<sup>4</sup> Students are required to take additional mathematics if they wish to pursue some Computer Science electives.

<sup>5</sup> 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<sup>5</sup>.