

CURRICULUM IN COMPUTER SCIENCE  
LEADING TO THE DEGREE OF BACHELOR OF SCIENCE  
INFORMATION TECHNOLOGY CONCENTRATION

First Year

FALL SEMESTER	S.H.		SECOND SEMESTER	S.H.
✦Mathematics 165	3		✦Mathematics 241	3
English 101	3		English 102	3
History Elective	3		✦Computer Science 257 <sup>3</sup>	3
✦Computer Science 161	3		✦Computer Science 280	3
*SE 101	0-3		Art/Music Elective <sup>1</sup>	3
Arts / Social Sci Elective <sup>1,2</sup>	<u>3</u>			
	15-18			<u>15</u>

Second Year

FIRST SEMESTER	S.H.		SECOND SEMESTER	S.H.
✦Computer Science 285	3		✦Computer Science 294	3
✦Computer Science 293	3		✦Computer Science 375	3
Communications 211	3		✦Computer Science 390	3
Science Sequence I <sup>5</sup>	4		English 322	3
English 230 or 231 or 232	<u>3</u>		Social Science Elective <sup>2</sup>	<u>3</u>
	16			<u>15</u>

Third Year

FIRST SEMESTER	S.H.		SECOND SEMESTER	S.H.
✦Computer Science 309	3		✦Computer Science 383	3
✦Computer Science 315	3		✦Computer Science 431	3
✦Computer Science 319	3		Biology Elective <sup>5</sup>	4
Science Sequence II <sup>5</sup>	4		<sup>χ</sup> Electives	6
<sup>χ</sup> Elective	<u>3</u>			
	16			<u>16</u>

Fourth Year

FIRST SEMESTER	S.H.		SECOND SEMESTER	S.H.
✦Computer Science 411	3		✦Computer Science 439	3
✦Computer Science 420	3		✦Computer Science 481	1
<sup>α</sup> ✦Computer Science <sup>4</sup>	3		<sup>β</sup> ✦Computer Science <sup>4</sup>	3
<sup>β</sup> ✦Computer Science <sup>4</sup>	3		<sup>χ</sup> Electives	6
<sup>χ</sup> Elective	<u>3</u>			
	15			<u>13</u>

Total semester hours required 121-124

✦Students must earn a grade of “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.

<sup>α</sup>Must be selected from CMPS 320, 389, 394, 409

<sup>β</sup>Must be selected from CMPS 391, 393, 401, 432, 441, 443, 479

<sup>χ</sup>Must be selected to meet the “application area” requirement (a minor or an approved 18-hour minimum customized curriculum).

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

<sup>2</sup> Anthropology, Geography, Psychology, Political Science, or Sociology

<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 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.