## BS in Mathematics - Business/Actuarial Concentration

**College of Science & Technology**

### NAME: 

### W#: 

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<tr>
<th>Grade</th>
<th>Hrs</th>
<th>QP</th>
<th>Minimum Grade of D Required:</th>
<th>Grade</th>
<th>Hrs</th>
<th>QP</th>
<th>Minimum Grade of C required:</th>
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<tr>
<td>ENGL (9 hrs)</td>
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<td>ENGL 101: Freshman Comp (3 hrs)</td>
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<td>ENGL 102: Critical Reading &amp; Writing (3 hrs)</td>
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<td>ENGL 230, 231, or 232: Lit (3 hrs)</td>
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| NATURAL SCIENCE (16 hrs) | | | | | | | |
| GBIOL 151: General Biology I (3 hrs) | | | | | | | |
| BIOL 152: General Biology Lab I (1 hr) | | | | | | | |
| CHEM 121: General Chemistry I (3 hrs) | | | | | | | |
| CLAB 123: General Chem Lab I (1 hr) | | | | | | | |
| PHYS 221: General Physics (3 hrs) | | | | | | | |
| PLAB 223: General Physics Lab (1 hr) | | | | | | | |
| Science Course Lecture II¹ (3 hrs) | | | | | | | |
| Science Course Lab II¹ (1 hr) | | | | | | | |

¹Must choose Biology 153/154 or Chemistry 122/124 or Physics 222/224 to complete a one-year science sequence.

| ENGLISH (9 hrs) | | | | | | | |
| COMM 211: Introduction to Public Speaking (3 hrs) | | | | | | | |
| ECON 202: Microeconomics (3 hrs) | | | | | | | |
| ART, DNCE, MUS, or THEA (3 hrs) | | | | | | | |
| HIST Elective (3 hrs) | | | | | | | |
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| Social Science² (3 hrs) | | | | | | | |

²Social Science Choices: Anthropology, Criminal Justice, Geography, Psychology, Political Science, or Sociology.

| OTHER (28 hrs) | | | | | | | |
| FLAN 101 (3 hrs) | | | | | | | |
| FLAN 102 (3 hrs) | | | | | | | |
| SE 101 or Free Elective⁸ (2 hrs) | | | | | | | |

⁸SE 101 is not required of transfer or re-admitted Southeastern students with 30 hours or more.

| Kinesiology Laboratory (1 hr) | | | | | | | |
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| MATH (43 hrs) | | | | | | | |
| MATH 200: Calculus I (5 hrs) | | | | | | | |
| MATH 201: Calculus II (5 hrs) | | | | | | | |
| MATH 223: Discrete Math (3 hrs) | | | | | | | |
| MATH 312: Calculus III (3 hrs) | | | | | | | |
| MATH 350: Differential Equns (3 hrs) | | | | | | | |
| MATH 360: Linear Algebra (3 hrs) | | | | | | | |
| MATH 370: Abstract Algebra I (3 hrs) | | | | | | | |
| MATH 380: Math Statistics I (3 hrs) | | | | | | | |
| MATH 402: Partial DE (3 hrs) | | | | | | | |
| MATH 441: Intro Real Analysis (3 hrs) | | | | | | | |
| MATH 480: Math Statistics II (3 hrs) | | | | | | | |
| MATH 400-level elective⁴: (3 hrs) | | | | | | | |
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| CMPS (300- or 400-) or MATH (400-level) Elective⁴: (3 hrs) | | | | | | | |

⁴MATH 467, 485, and 486 may not be used to satisfy this requirement.

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<th>MINIMUM GRADE OF D REQUIRED</th>
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<tr>
<td>Academic</td>
<td>Professional</td>
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| TECHNICAL (9 hrs) | | | | | | | |
| CMPS 161: Algorithm Design & Implementation I (3 hrs) | | | | | | | |
| CMPS 280: Algorithm Design & Implementation II (3 hrs) | | | | | | | |
| ACCT 200: Intro Financial Acct (3 hrs) | | | | | | | |
| FIN 381: Business Finance (3 hrs) | | | | | | | |

| OTHER (28 hrs) | | | | | | | |
| SE 101 or Free Elective⁸ (2 hrs) | | | | | | | |

| CONCENTRATION ELECTIVES (15 hrs) | | | | | | | |
| ACCT 200: Intro Financial Acct (3 hrs) | | | | | | | |
| FIN 381: Business Finance (3 hrs) | | | | | | | |
| Concentration Elective⁸ (3 hrs) | | | | | | | |
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⁸Choose from BLAW 231, ECON 201, FIN 382, FIN 384, FIN 451, FIN 452, MGMT 351, MRKT 303, or OMIS 430.

### Total Majors Hours: 43
### Total Semester Hours: 120

(Note: ½ of all major hours must be taken at Southeastern.)

Last Updated: 06/05/2019