BIOSYSTEMS ENGINEERING
Bioprocess Engineering Emphasis

FRESHMAN YEAR

4 CH 1010 General Chemistry
3 ENGL 1030 Accelerated Composition
2 ENGR 1020 Engineering Discipline and Skills
4 MATH 1060 Calculus of One Variable I
3 Gen Ed

SOPHOMORE YEAR

2 BE 2100 Intro. to Biosystems Engineering
3 CE 2010 Statics
4 MATH 2060 Calculus of Several Variables
3 PHYS 2210 Physics with Calculus II
4 Biology Requirement

JUNIOR YEAR

3 BE 3200 Principles and Practices of Geomatics
3 BE 4100 Biol. Kinetics and Reactor Modeling
3 BIOL 4410 Ecology
4 CE 3410 Introduction to Fluid Mechanics
2 ECE 2070 Basic Electrical Engineering
1 ECE 2080 Basic Electrical Engineering Lab.

SENIOR YEAR

3 BCHM 3050 Biochemistry
3 BE 4280 Biochemical Engineering
2 BE 4740 Biosystems Engr. Design/Project Mgt.
2 BE 4750 Biosystems Engr. Capstone Design
2 BIOL 4340 Biol. Chemical Lab. Techniques
4 CE 2060 Structural Mechanics

General Education Requirements

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<th>LIT</th>
<th>Non-Lit</th>
<th>SS1</th>
<th>SS2</th>
<th>CCA</th>
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Other

Palmetto Fellows
LIFE
Honors
Athlete
RiSE
ROTC
Med School

126 Total Semester Hours

Comments:

Change of Major Checklist

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<tr>
<th>Required</th>
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<td>CH 1010</td>
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<td>PHYS 1220</td>
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GPA = 2.0; C or better required in each class