### 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

**Total Semester Hours**: 16

### SOPHOMORE YEAR

- 3 BIOL 1030 General Biology
- 1 BIOL 1050 General Biology Lab
- 3 CE 2010 Statics
- 3 EES 2010 Environmental Engineering Fundamentals I
- 4 MATH 2060 Calculus of Several Variables
- 3 PHYS 2210 Physics with Calculus II

**Total Semester Hours**: 17

### JUNIOR YEAR

- 2 EES 3030 Water Treatment Systems
- 2 EES 3040 Wastewater Treatment Systems
- 1 EES 3050 Water and Wastewater Treatment Lab
- 3 MATH 3020 Statistics for Science and Engineering
- 4 MICR 3050 General Microbiology
- 3 Gen Ed

**Total Semester Hours**: 15

### SENIOR YEAR

- 3 EES 4300 Air Pollution Engineering
- 1 EES 4500 Env Engr Senior Seminar
- 3 EES 4800 Environmental Risk Assessment
- 3 EES 4860 Environmental Sustainability
- 2 Engr Econ Requirement
- 3 Engr or Sci Requirement

**Total Semester Hours**: 15

**Total Semester Hours**: 127

### General Education Requirements

<table>
<thead>
<tr>
<th>LIT</th>
<th>Non-Lit</th>
<th>SS1</th>
<th>SS2</th>
<th>ENGR 5th</th>
<th>STS</th>
<th>CCA</th>
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<td>HIST 1240</td>
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### Other

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<th>LIFE</th>
<th>Palmetto Fellows</th>
<th>Honors</th>
<th>Athlete</th>
<th>RiSE</th>
<th>ROTC</th>
<th>Med School</th>
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**EES 2010 & EES 2020 are only taught once per year**

**Change of Major Checklist**

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<tr>
<th>Required</th>
<th>Completed</th>
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<tr>
<td>CH 1010</td>
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<td>ENGL 1030</td>
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<td>ENGR 1020</td>
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<td>ENGR 1410</td>
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<td>MATH 1060</td>
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<td>MATH 1080</td>
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<td>PHYS 1220</td>
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**GPA = 2.0; C or better required in each class**
2017 – 2018 General Education Worksheet for Engineering

C. **Arts and Humanities: Literature [Lit]** .........................................................3 credits
ENGL 2020, 2120, 2130, 2140, 2150, CHIN 4010, GER 2600, HON 1900, 2210, JAPN 4010, RUSS 3600, 3610

Literature taught in a foreign language: FR 3000, 3040, GER 3060, 3600, 3610, ITAL 3010, 3020, JAPN 4060, SPAN 3040, 3110, 3130

D. **Social Sciences [SS]** (must be from 2 different fields, AGRB and ECON are considered the same field) .........................6 credits

E. **Cross-Cultural Awareness [CCA]** ..........................................................3 credits
AAH 1010, ART 2100, ASL 3050, CAH 2010, CHIN 3120, (HIL) 3130, 4140, 4990, COMM 1800, 3030, 3080, 3090, 4020, ENGL (GW) 3010, 3550, 3570, ENGL (LANG) 4540, FR 3070, GW (ENGL) 3010, 4050, GER 3400, HON 1910, 2010, 2030, 2100, 2220, HUM 3010, 3020, HUM 3060, 3090, JAPN 3070, 3080, LANG 3400, 3420, 3560, (ENGL) 4540, LARC 1160, MUSC 2100, 3080, 3090, 3110, 3120, 3130, 3140, MUSC 3170, 3610, 3620, 3630, 3640, 3690, 3700, 3710, 3720, PHIL 1010, 1020, 1030, 1240, 2100, (CHIN) 3120, (HIL) 3130, 3160, 3170, 3180, PHIL 3230, 3240, 3250, 3260, 3270, 3440, 3450, REL 1010, 1020, 3010, 3020, 3030, 3060, 3070, 3090, 3120, 3130, 3150, RUSS 3400, SPAN 3070, 3080, STS 1010, 1020, 2120, 2150, 2160, 3030, THEA 2100, 2790, 3080, 3090, THEA 3150, 3160, 3170, WS 3010

F. **Science and Technology in Society [STS]** .............................................3 credits
AGED (EFD) 4800, AGRB 2050, ANTH 2010, ART 2100, ASL 3050, CAH 2010, COMM 1800, GEOG 1030, HIST 1720, 1730, 1930, HIST 1220, 1240, 3210, 3220, 3230, 3920, 4240, 4910, HLTH 4310, HON 1940, 2010, 2060, IE 4880, LARC 1160, MUSC 3180, NURS 1400, (HGC) 3330, NUTR 2030, 2100, PES (ENSP) 3150, PHIL 1240, 2100, 3240, 3260, 3280, 3400, 3450, PHYS 2450, PKSC 3680, PLPA 2130, PRMT 2110, PSYC 2750, RS (SOC) 4010, SOC (RS) 4010, 4030, STAT 2220, STS 1010, 1020, 1200, 1710, 2150, 2160, 3010, 3030, 4980, 4990

Additional A&H/SS Requirement **[5th and 6th]** .................................................. as required by engineering major

Any 1000 – 4999 course in the following rubrics: AGR, ANTH, ARAB, ART, ASL, CHIN, DANC, ECON, FR, GEOG, GER, GW, HIST, HUM, ITAL, JAPN, LANG, LAW, MUSC, PA, PAS, PHIL, PORT, POSC, PSYC, REL, RS, RUSS, SOC, SPAN, THEA, WS

Rubrics with exceptions for additional requirement: AGRB 1000-2999, CAH 2010, COMM [except 1500, 2500], EAS 1230, ENGL 2000-4999 [except 2170, 3040, 3100, 3120, except ENGL 3140, 3150, 3160, 3330], HON 1900, 1910, 1920, 2010, 2020, 2030, 2100, 2200, 2210, 2220, IS 2100, STS 1010, 1020, 3030

**Additional course (5th) only required by CHE and ENVE (CPE and EE require the additional 5th or a technical elective)

BioE, BE, CE, IE, ME, and MSE do not require 5th.

BOLD indicates no pre-reqs required  Underline indicates MUSC courses require auditions, are 1 hour, may be repeated or grouped to achieve credit required.

This is an unofficial document: Responsibility for satisfying these requirements rests with the student. Evaluation based on catalog year 2017 – 2018  Updated – September 26, 2017