### Environmental Engineering

#### 2012-2013 Curriculum

<table>
<thead>
<tr>
<th>FRESHMAN YEAR</th>
<th>SOPHOMORE YEAR</th>
<th>JUNIOR YEAR</th>
<th>SENIOR YEAR</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGR (CES) 1020 Engineering Disciplines &amp; Skills</td>
<td>ENGR 1300 Engineering Fundamentals</td>
<td>EES 2010 Environmental Engineering Fnd I</td>
<td>EES 4300 Air Pollution Engineering</td>
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<tr>
<td>CH 1010 General Chemistry</td>
<td>CH 1020 General Chemistry</td>
<td>BIOL 1030 General Biology</td>
<td>EES 4500 Env Engr Senior Seminar</td>
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<tr>
<td>MTHS 1060 Calculus I</td>
<td>MTHS 1080 Calculus II</td>
<td>MICRO 3050 General Microbiology</td>
<td>EES 4860 Pollution Prevention</td>
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<tr>
<td>ENGL 1030 Composition I</td>
<td>PHYS 1220 Physics I</td>
<td>Eeg Econ Req</td>
<td>Engr or Sci Req</td>
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<tr>
<td>Hum/SS Req.</td>
<td>HIST 1240 Environmental History Survey</td>
<td>Statistics Requirement</td>
<td>EES 4750 Env Engr Capstone Design</td>
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<td>Hum/SS Req.</td>
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<td></td>
<td>16</td>
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<td>128 Total Semester Hours</td>
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#### General Education Requirements:

- **LIT:**
- **Non-Lit:**
- **SS1:**
- **SS2:**
- **ENGR 5th:**
- **STSc:**
- **CCA:**

#### Other:

- **Calhoun Honors**
- **ROTC**
  - **Airforce**
  - **Army**
- **Transfer**
  - **Co-op**

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1. See the Policy on Humanities and Social Sciences for Engineering Curricula. HIST 1240 must be taken as one of the courses; it satisfies 3 credit hours of the social science requirement and the Science and Technology in Society requirement. Students are encouraged to take PHIL 345 (Environmental Ethics) to fulfill the non-literature humanities requirement.
2. ENGR 1410 may be substituted.
3. HIST 1240 satisfies 3 credit hours of the social science requirement and the Science and Technology in Society requirement in the University's General Education requirements. If a student is not able to enroll in the second semester of the freshman year, this course may be taken at another time.
4. May substitute BIOL 1100 for BIOL 1030 and BIOL 1050; BIOL 1100 is 5 hours.
5. CH 2230 & 2270 may be substituted.
6. MTHS 2080 Calculus Diff Eq
7. May substitute BIOL 2100/2110, which is 3 hours; must make up the 1 hour in any manner.
8. The following courses are acceptable: CE 3520 or IE 3840.
9. The following courses are acceptable: EXST 3010 for 3 credit hours; MTHS 3020 for 3 credit hours; or GEOL 2110 for 4 credit hours.
10. The following courses are acceptable: GEOL 1010 + GEOL 1030 or CSEN 2020.
11. Choose any combination of engineering and/or sciences courses from a department-approved list.