<table>
<thead>
<tr>
<th>Year One</th>
<th>Year Two</th>
<th>Year Three Fall</th>
<th>Year Four Fall</th>
<th>Year Five</th>
</tr>
</thead>
<tbody>
<tr>
<td>PB Calc I MATH-181 (4) All</td>
<td>PB Calc II MATH-182 (4) All</td>
<td>Diff Eq MATH-231 (3) F,Sp</td>
<td>Prob &amp; Stats I MATH-251 (3) F,Sp</td>
<td>Comm Sys EEEE-484* (3) F,Sp</td>
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<tr>
<td>General Chem for Engr CHMG-131 (3) F,Sp</td>
<td>University Physics I PHYS-211 (4) F,Sp</td>
<td>University Physics II PHYS-212 (4) F,Sp</td>
<td>Mult &amp; Vect Calc MATH-221 (4) All</td>
<td>Power Electronics EEEE-546* (3)</td>
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<tr>
<td>Note: One General Education Course must be Writing Intensive</td>
<td>Ckts I EEEE-231* (3) F,Sp</td>
<td>Linear Sys EEEE-353 (3) F,Sp</td>
<td>Classical Controls EEEE-414* (3) F,Sp</td>
<td>Immersion-1 xxxx-nnn (3) F, Sp</td>
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<tr>
<td>RIT 365 YOPS-10 (0) F</td>
<td>Dig Sys I EEEE-120* (3) Sp</td>
<td>Dig Sys II EEEE-220* (3) F,Sp</td>
<td>Energy Conversion EEEE-221 (3) F,Sp</td>
<td>Total Credits</td>
</tr>
</tbody>
</table>

**Legend**

- Math
  - Biomedical: EEEE-530 Biomedical Instrumentation
  - Digital & Computer Systems
    - EEEE-520 Design of Digital Systems*
  - EEEE-531 Biomedical Sensors & Transducers I
    - EEEE-521 Design of Computer Systems*

- Phys
  - Electromagnetic Waves and Antennas
    - EEEE-517 Microwave Circuit Theory

- Chem
  - EEEE-592 Communication Networks
    - EEEE-515 Antenna Theory & Design

- First Year
  - EEEE-594 Digital Data Communications
    - EEEE-505 Modern Optics for Engineers

- Co-op
  - Control/RoboticsSystems
    - EEEE-536 Birobotics & Cybernetics*

- Comp Science
  - MEMs
    - EEEE-689 Fundamentals of MEMS

- Elect Engr
  - EEEE-594 Sens Array Proc for Wireless Comm
    - EEEE-595 Optimization Methods for Engineers

**Professional Electives:**

- At least two of the professional electives must be taken from Electrical Engineering Curriculum
- An approval is required from your student advisor for any professional elective from other engineering programs.
- Refer to your advisement report in SIS for a full list of professional electives

**Co-op Requirements:**

- 48 Weeks
- EEEE-499: Spring of 3rd year & Summer of 3rd year
- Spring of 4th year & Summer of 4th year