# TAMS Computer Science/Engineering to Computer Engineering

## - Sample Unofficial Schedule

### 2023-2024 Catalog Year

#### Year One

<table>
<thead>
<tr>
<th>FALL</th>
<th>SPRING</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 1710, Calculus I</td>
<td>4 MATH 1720, Calculus II</td>
</tr>
<tr>
<td>ENGL 1315, Writing I</td>
<td>3 ENGL 1325, Writing II</td>
</tr>
<tr>
<td>CSCE 1030, Computer Science I</td>
<td>4 CHEM 1420, Chemistry II</td>
</tr>
<tr>
<td>CHEM 1410, Chemistry I</td>
<td>3 CHEM 1440, Chemistry II Lab</td>
</tr>
<tr>
<td>CHEM 1430, Chemistry I Lab</td>
<td>1 CSCE 1040, Computer Science II</td>
</tr>
<tr>
<td>Seminar</td>
<td>0 Seminar</td>
</tr>
<tr>
<td>Total hours</td>
<td>15</td>
</tr>
</tbody>
</table>

#### Year Two

<table>
<thead>
<tr>
<th>FALL</th>
<th>SPRING</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 2730, Multivar. Calculus</td>
<td>3 PHYS 2220, Electricity and Magnetism</td>
</tr>
<tr>
<td>PHYS 1710, Mechanics</td>
<td>3 PHYS 2240, Electricity and Magnetism Lab</td>
</tr>
<tr>
<td>PHYS 1730, Mechanics Lab</td>
<td>1 HIST 2620, U.S. History II</td>
</tr>
<tr>
<td>ENGL 2331, Literature</td>
<td>3 PSCI 2305 or 2306, Government</td>
</tr>
<tr>
<td>HIST 2610, U.S. History I</td>
<td>3 MATH 2700, Linear Algebra</td>
</tr>
<tr>
<td>CSCE 2100, Discrete Foundations</td>
<td>3 CSCE 2110, Data Structures Foundations</td>
</tr>
<tr>
<td>EENG 2710, Logic Design</td>
<td>3 Total hours</td>
</tr>
<tr>
<td>EENG 2711, Logic Design Lab</td>
<td>1</td>
</tr>
<tr>
<td>Total hours</td>
<td>16</td>
</tr>
</tbody>
</table>

#### Year Three

<table>
<thead>
<tr>
<th>FALL</th>
<th>SPRING</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSCE 2610, Assembly and Organization</td>
<td>3 CSCE 3600, Systems Programming</td>
</tr>
<tr>
<td>EENG 2610, Circuits</td>
<td>3 CSCE 3610, Intro. to Computer Architecture</td>
</tr>
<tr>
<td>EENG 2611, Circuits Lab</td>
<td>1 CSCE 3612, Embedded Systems</td>
</tr>
<tr>
<td>MATH 1780, Probability</td>
<td>3 EENG 3510, Electronics I</td>
</tr>
<tr>
<td>TECM 2700, Technical Writing</td>
<td>3 Social and Behavioral Sciences Core (Adv)</td>
</tr>
<tr>
<td>Creative Arts Core (Adv)</td>
<td>3 Total Hours</td>
</tr>
<tr>
<td>Total Hours</td>
<td>16</td>
</tr>
</tbody>
</table>

#### Year Four

<table>
<thead>
<tr>
<th>FALL</th>
<th>SPRING</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSCE 3010, Signals and Systems</td>
<td>3 CSCE 3020, Communications Systems</td>
</tr>
<tr>
<td>CSCE 3730, Reconfigurable Logic</td>
<td>3 CSCE 4011, Engineering Ethics</td>
</tr>
<tr>
<td>CSCE 4910, Design I</td>
<td>3 CSCE 4915, Design II</td>
</tr>
<tr>
<td>*Specialization Course</td>
<td>3 *Specialization Course</td>
</tr>
<tr>
<td>*Specialization Course</td>
<td>3 Advanced Gen. Elective to reach 42 Adv. hours</td>
</tr>
<tr>
<td>Total Hours</td>
<td>15 Total Hours</td>
</tr>
</tbody>
</table>
*Master of Science Grad Track Option Available. Completion of 9 hours of grad track during bachelor's degree plan results in 21-27 hours to earn master's degree.