UTK ENGINEERING TRANSFER REQUIREMENTS
NUCLEAR ENGINEERING
Radiological Concentration

This program does NOT lead to an associate’s degree from Pellissippi State.¹

PELLISSIPPI STATE

<table>
<thead>
<tr>
<th>Freshman</th>
<th>fall</th>
<th>spring</th>
<th>Sophomore</th>
<th>fall</th>
<th>spring</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 1010-1020</td>
<td>3</td>
<td>3</td>
<td>¹Humanities/Arts Elective</td>
<td>3</td>
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<tr>
<td>Chemistry 1110, 1120</td>
<td>4</td>
<td>4</td>
<td>²Social Science Elective</td>
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<tr>
<td>Mathematics 1910, 1920</td>
<td>4</td>
<td>4</td>
<td>²Cultures &amp; Civilizations Electives</td>
<td>3</td>
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<tr>
<td>Computer Science 1050, 1300</td>
<td>1</td>
<td>2</td>
<td>Mathematics 2110-2120</td>
<td>4</td>
<td>3</td>
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<tr>
<td>Engineering Science 1510-1520</td>
<td>4</td>
<td>4</td>
<td>Physics 2110-2120</td>
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<td></td>
<td></td>
<td>Engineering Science 2021</td>
<td></td>
<td>2</td>
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<td></td>
<td></td>
<td>Economics 2010</td>
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<td>4</td>
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<td><strong>TOTAL</strong></td>
<td><strong>16</strong></td>
<td><strong>17</strong></td>
<td><strong>TOTAL</strong></td>
<td><strong>18</strong></td>
<td><strong>15</strong></td>
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</table>

Consideration for admission to the College of Engineering requires a minimum GPA of 2.8 or higher and a C or better in English 1010-1020, Mathematics 1910-1920, and Chemistry 1110-1020. Students should earn Cs or better in all Engineering, Mathematics, and Science courses. Individual majors may also have additional course and/or GPA requirements to fully progress into the major. See the UTK Catalog for these requirements, available online at http://catalog.utk.edu

UNIVERSITY OF TENNESSEE

**Summer:** Electrical & Computer Engineering 301 (3 credit hours)

<table>
<thead>
<tr>
<th>Junior</th>
<th>hours</th>
<th>Senior</th>
<th>hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nuclear Engineering 200, 342, 351, 401, 433 and 470</td>
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<td>Nuclear Engineering 400, 402, 406, 472 and 490</td>
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<tr>
<td>Mechanical Engineering 331</td>
<td>3</td>
<td>Technical Electives</td>
<td>6</td>
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<tr>
<td>Mathematics 403</td>
<td>3</td>
<td>Mechanical Engineering 321</td>
<td>3</td>
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<tr>
<td>Physics 341</td>
<td>3</td>
<td>Engineering Fundamentals 402</td>
<td>1</td>
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<tr>
<td>Statistics 251</td>
<td>3</td>
<td>Philosophy 241, 243, or 244</td>
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<tr>
<td></td>
<td></td>
<td>Materials Science and Engineering 201</td>
<td>3</td>
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<td><strong>Total</strong></td>
<td><strong>29</strong></td>
<td><strong>Total</strong></td>
<td><strong>30</strong></td>
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</tbody>
</table>

¹Students who wish to earn an associate’s degree and the bachelor’s degree should follow the articulation agreement in Nuclear Engineering.

²Enrollment in MATH 1910 requires completion of MATH 1730 or an ACT math score of 26 and completion of precalculus, geometry, and trigonometry.

³Chosen from: ART 1720, 1730; ENGL 2110, 2120, 2210, 2220, 2310, 2320, 2331, 2510, 2520, 2530; MUS 1030; PHIL 1030; THEA 1030.

⁴Chosen from: ANT 1300; HIST 2040; POL 1010, 1020; PSY 1010, 2400; SOC 1010, 1020; WMN 2200.

⁵Chosen from: ANT 1200; HIST 1010, 1020, 1110, 1120; PHIL 2010; or an intermediate foreign language sequence (FREN 2010-2020; GERM 2010-2020; SPAN 2010-2020).