# ENERGY SYSTEMS CONCENTRATION

for the degree of Master of Engineering: Major in Engineering, Energy Systems Concentration

<table>
<thead>
<tr>
<th>Requirements</th>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Core Courses</strong></td>
<td></td>
<td></td>
<td>12</td>
</tr>
<tr>
<td>ENG 471</td>
<td>Seminar Energy &amp; Sustain Engrg</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENG 571</td>
<td>Theory Energy &amp; Sustain Engrg</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ABE 436</td>
<td>Renewable Energy Systems</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NPRE 480</td>
<td>Energy and Security</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Electives (approved by academic advisor)</strong></td>
<td></td>
<td></td>
<td>16</td>
</tr>
<tr>
<td><strong>Professional Development (choose from these 3 options):</strong></td>
<td></td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>ENG 572</td>
<td>Professional Practicum (4 hours)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENG 573</td>
<td>Capstone Project (4 hours)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Select a different course with professional development components in consultation with advisor</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total Hours</strong></td>
<td></td>
<td></td>
<td>32</td>
</tr>
</tbody>
</table>

Other Requirements and Conditions (may overlap): ¹

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A minimum of 20 credit hours must be taken from the University of Illinois Urbana-Champaign campus.</td>
<td></td>
</tr>
<tr>
<td>A minimum of 12 500-level credit hours, with a minimum of 8 hours of ENG or NPRE 500-level coursework.</td>
<td></td>
</tr>
<tr>
<td>A maximum of one 1-credit-hour course may be applied toward the minimum 12 500-level credit-hour requirement.</td>
<td></td>
</tr>
<tr>
<td>No courses used to fulfill any degree requirement may be taken using the “Credit/No Credit” option.</td>
<td></td>
</tr>
<tr>
<td>Minimum GPA:</td>
<td>3.0</td>
</tr>
</tbody>
</table>

¹ For additional details and requirements refer to the department's printed handbook and the Graduate College Handbook (http://grad.illinois.edu/gradhandbook).

Information listed in this catalog is current as of 04/2019