ENERGY SYSTEMS ENGINEERING, MASTER OF ENGINEERING (M.ENG.)

Non-thesis only: 30 credits required

All Professional Master of Engineering Programs consist of 10 courses/30 credits. All students are expected to complete a preliminary course plan for their intended degree program. Degree planning worksheets can be found here: https://advancedengineering.umd.edu/degree-planning-sheets

Students choose five core courses, and five elective courses. All electives must be approved by the student’s advisor.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Select five of the following core courses:</td>
<td>15</td>
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<tr>
<td>ENCH648</td>
<td>Special Problems in Chemical Engineering (ENCH648K - Advanced Fuel Cells and Batteries)</td>
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<tr>
<td>ENCH648</td>
<td>Special Problems in Chemical Engineering (ENCH648L - Photovoltaics: Solar Energy)</td>
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<tr>
<td>ENME701</td>
<td>Sustainable Energy Conversion and the Environment</td>
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<td>or ENPM624 Renewable Energy Applications</td>
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<tr>
<td>ENPM622</td>
<td>Energy Conversion I - Stationary Power</td>
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<td>ENPM627</td>
<td>Environmental Risk Analysis</td>
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<td>ENPM656</td>
<td>Energy Conversion II -- Mobile Power</td>
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<tr>
<td>Select five electives approved by advisor</td>
<td>15</td>
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<tr>
<td>Total Credits</td>
<td>30</td>
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