# Renewable and Clean Energy M. S. Degree

**PROGRAM OF STUDY**

Name/ last, first, initial: __________________________

UID #: __________________________

Option: Thesis_____ Course ______

M.S. Start Date: __________________________

Program of Study: New_____ Revised ______

Revision number (if revised): ________

Email ID: __________________________@wright.edu

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**BACKGROUND REQUIREMENTS:**

(On lines provided, enter course numbers used to meet requirements.)

- ME 5310 or equivalent: 1. ____________
- ME 5320 or ME 5750 or equivalent: 1. ____________
- ME 5350 or equivalent: 1. ____________
- ME 5360 or equivalent: 1. ____________

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**COURSE TOPIC REQUIREMENTS:**

(On lines provided, enter course numbers used to meet requirements.)

- One core course in Advanced Thermodynamics (see list): 1. ____________
- Math 6050 “Advanced Engineering Mathematics II”: 1. ____________
- Three Renewable and Clean Energy Courses (see list): 1. ____________ 2. ____________ 3. ____________

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**CREDIT HOUR REQUIREMENTS:**

(On lines provided, enter the number of credit hours used to meet requirements.)

- At least 15 credit hours must be taken at WSU: ________
- At least 15 credit hours must be taken at 7000 level: ________
- If thesis option is chosen, number of thesis credits: ________
  (Student can take up to 9 credit hours of thesis credits, ME7950, and student is not allowed to take any independent study, ME7990.)
- If course option is chosen, number of independent study credits: ________
  (3 credits of Independent Study, ME7990, are required and only 3 credits of ME7990 are allowed.)
- At least 30 credits of appropriate graduate level work must be taken:

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### PLANNED GRADUATE PROGRAM

<table>
<thead>
<tr>
<th>Semester &amp; Year</th>
<th>Institution</th>
<th>Course #</th>
<th>Course Title</th>
<th>7xxx</th>
<th>6xx</th>
<th>7950(9) or 7990 (3)</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>S16</td>
<td>ME 6330</td>
<td>Compressible Fluid Flow</td>
<td>-</td>
<td>3</td>
<td>-</td>
<td>-</td>
<td>B</td>
</tr>
<tr>
<td>F15</td>
<td>MTH 6050</td>
<td>Advanced Engineering Mathematics</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>3</td>
<td>A</td>
</tr>
<tr>
<td>R15</td>
<td>ME 7340</td>
<td>Advanced Computational Fluid Dynamics</td>
<td>3</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>A</td>
</tr>
</tbody>
</table>

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1 5000 level courses outside ME Department count as 6000 level courses for this degree, 5000 level and below inside MME department do not count towards degree.

2 500 level courses at UD or 600 level and above at AFIT count as 7000 level courses for this degree. All courses taken at UD or AFIT must be 500 level or above.

**Example:**

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Student Signature: __________________________

Adviser Signature: __________________________

Chair Signature: __________________________