## REQUIREMENTS FOR THE MASTER OF SCIENCE
### COLLEGE OF ENGINEERING
#### THE UNIVERSITY OF OKLAHOMA

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### GENERAL REQUIREMENTS

**Minimum Total Hours** ..................... 30-31

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### REQUIRED COURSES

<table>
<thead>
<tr>
<th>Course Description</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Required Courses (12-13 hours):</td>
<td></td>
</tr>
<tr>
<td>CH E 5843 Advanced Chemical Engineering Thermodynamics</td>
<td>3</td>
</tr>
<tr>
<td>CH E 5183 Graduate Transport Phenomena</td>
<td>3</td>
</tr>
<tr>
<td>CH E 6723 Advanced Kinetics and Reaction Engineering</td>
<td>3</td>
</tr>
<tr>
<td>CH E 5971 Seminar in Chemical Engineering Research</td>
<td>3-4</td>
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<tr>
<td>(1 hour per semester; total of 3-4 hours)</td>
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</tbody>
</table>

**Core Courses (12 hours):**

- **Chemical Engineering:** Two graduate-level Chemical Engineering courses.  
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- **Science, Math or Engineering:** Two graduate-level Science, Math or Engineering courses.  
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- **CH E 5980 Research for Master’s Thesis**  
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The master’s degree requires the equivalent of at least two semesters of satisfactory graduate work and additional work as may be prescribed for the degree.

All coursework applied to the master’s degree must carry graduate credit.

Master’s degree programs which require a thesis consist of at least 30 credit hours. All non-thesis master’s degree programs require at least 32 credit hours.

Credit transferred from other institutions must meet specific criteria and is subject to certain limitations.

Courses completed through correspondence study may not be applied to the master’s degree.

To qualify for a graduate degree, students must achieve an overall grade point average of 3.0 or higher in the degree program coursework and in all resident graduate coursework attempted. A student must also have at least a 3.0 in all coursework (including undergraduate coursework if any).

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A student who has done satisfactory graduate work and has earned a 3.0 grade point average may file for master’s candidacy.