**REQUIREMENTS FOR THE DOCTOR OF PHILOSOPHY**

**GALLOGLY COLLEGE OF ENGINEERING**

**THE UNIVERSITY OF OKLAHOMA**

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### Academic Year
For Students Entering the Oklahoma State System for Higher Education
Summer 2023 through Spring 2024

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### Minimum Total Hours: 90

**Program Code:** D010

### Program Requirements

**Concentrations:**
- Aerodynamics (R026)
- Aerospace Engineering Standard (R028)
- Composites (R136)
- Fluid Mechanics (R256)
- Structures (R631)

**Course Requirements**

<table>
<thead>
<tr>
<th>Course Requirements</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>Advanced engineering graduate courses at the 5000-level or higher (minimum 24 hours)</td>
<td>24</td>
</tr>
<tr>
<td>Graduate-level math-related coursework (minimum 3 hours)</td>
<td>3</td>
</tr>
<tr>
<td>Graduate-level math-related or science coursework (minimum 3 hours)</td>
<td>3</td>
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<tr>
<td>Additional coursework as needed to reach 42 hours</td>
<td>0-12</td>
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**Dissertation Research**

| AME 6980 Research for Doctoral Dissertation (42 hours minimum) | 42 |

**Total Credit Hours:** 90

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1 As determined by the student’s doctoral advisory conference.

2 Students enrolled in the thermal science program are required to take the following: AME 5333, AME 5803, AME 5973Computational Heat and Fluid Flow.

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### Coursework Requirements

- The program requires satisfactory completion of at least 42 course credit hours beyond the baccalaureate degree for a total of 90 credit hours.
- A maximum of 9 credit hours of Special Projects, Guided Individual Studies, or other non-competitively graded courses (including 6 credit hours of MS thesis) may be included.
- Students may include up to 42 credit hours from previous graduate work as follows:
  - All of a M.S. degree up to 30 hours but including no more than 6 thesis hours
  - All of a M.S. non-thesis degree up to 36 hours
  - Up to 12 hours of post-master’s work

### General Requirements for Doctoral Degrees

A student should expect to spend at least the equivalent of three full academic years beyond the bachelor’s degree to obtain the doctoral degree. During this period the student will take appropriate graduate coursework, successfully complete the general examination, and successfully defend and submit the final dissertation.

All coursework applied to the doctoral degree must carry graduate credit.