

**DOCTORAL DEGREE REQUIREMENTS**

General policies for all University of Oklahoma doctoral programs are available in the [Graduate College Bulletin](#).

**DOCTOR of PHILOSOPHY**

D010/R\*

**MAJOR:** Aerospace Engineering

**CONCENTRATION:** Various\*

Program effective **Summer 2004**

**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

**Specific Course Requirements**

<input type="checkbox"/> Advanced engineering graduate courses at the 5000-level or higher .....	24+ hours
As determined by the student’s doctoral advisory conference.	
<input type="checkbox"/> Graduate-level math-related coursework.....	3+ hours
<input type="checkbox"/> Graduate-level math-related or science coursework.....	3+ hours
<input type="checkbox"/> Additional coursework as needed to reach 42 hours .....	Variable
Students enrolled in the thermal science program are required to take the following:	
<input type="checkbox"/> AME 5333 Thermodynamics and Combustion.....	3 hours
<input type="checkbox"/> AME 5803 Principles of Heat Transfer .....	3 hours
<input type="checkbox"/> AME 5973 Computational Heat and Fluid Flow .....	3 hours
<b>Total</b> .....	<b>42+ hours</b>

**Dissertation Research**

<input type="checkbox"/> AME 6980 Research for Doctoral Dissertation.....	42+ hours
42 hours minimum	
<input type="checkbox"/> <b>TOTAL</b> .....	<b>90 hours</b>

**NOTE**

\*These requirements apply to the following concentrations:

- D010/R026 Aerodynamics
- D010/R028 Aerospace Engineering General
- D010/R136 Composites
- D010/R256 Fluid Mechanics
- D010/R631 Structures