Aerospace Engineering (PhD)

Degree Requirement

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Required Courses</td>
<td></td>
<td>39</td>
</tr>
<tr>
<td>Select a minimum of twelve 500- to 700-level courses</td>
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<td></td>
</tr>
<tr>
<td>Minor Courses (Optional)</td>
<td></td>
<td>9</td>
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<tr>
<td>&quot;Minor Courses&quot; are approved in conjunction with the academic committee</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Research Courses</td>
<td></td>
<td>24</td>
</tr>
<tr>
<td>MAE 895</td>
<td>Doctoral Dissertation Research</td>
<td>1</td>
</tr>
<tr>
<td>Total Hours</td>
<td></td>
<td>72</td>
</tr>
</tbody>
</table>

1 “Required Courses” must consist of a minimum of two 700-level courses, and may consist of up to five non-MAE courses approved in conjunction with the academic committee.

Additional Requirements

- Students with a previous MS degree from NCSU:
  - without minor – may transfer up to 18 credit hours
  - with minor – may transfer up to 30 credit hours
- Students with a previous MS from outside NCSU:
  - without minor – may transfer up to 18 credit hours
  - with minor – may transfer up to 18 credit hours

Faculty

**Full Professors**

- Gregory D. Buckner
- Tarek Echekki
- Srinath Varadarajan Ekkad
- Tiegang Fang
- Ashok Gopalarathnam
- Richard David Gould
- Xiaoning Jiang
- Richard F. Keltie
- Clement Kleinstreuer
- Andrey Valerevich Kuznetsov
- James Woodrow Leach
- Hong Luo
- Kevin M. Lyons
- Gracious Ngaile

**Associate Professors**

- Kara Jo Peters
- Afsaneh Rabiei
- Lawrence M. Silverberg
- Juei Feng Tu
- Fen Wu
- Fuh-Gwo Yuan
- Yong Zhu
- Mohammed A. Zikry

**Assistant Professors**

- Michael A. Boles
- Matthew Bryant
- Jeffrey W. Eischen
- Scott M. Ferguson
- Charles Edward Hall Jr.
- Hsiao-Ying Shadow Huang
- Andre P. Mazzoleni
- Marie Muller
- Venkateswaran Narayanaswamy
- Brendan Timothy O'Connor
- Mark R. Pankow
- Katherine Saul
- Alexei V. Saveliev
- Christopher Raymond Vermillion
- Chengying Xu

**Emeritus Faculty**

- Thomas A. Dow
Herbert Martin Eckerlin
Hassan A. Hassan
David S. McRae
Robert T. Nagel
John S. Strenkowski