Aerospace Engineering (PhD)

Degree Requirement

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
<th>Counts towards</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Required Courses</strong></td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>Select a minimum of thirteen 500-level to 700-level courses ¹</td>
<td>39</td>
<td></td>
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<tr>
<td></td>
<td><strong>Minor Courses (Optional)</strong></td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>&quot;Minor Courses&quot; are approved in conjunction with the academic committee ²</td>
<td>9</td>
<td></td>
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<tr>
<td></td>
<td><strong>Research Courses</strong></td>
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<tr>
<td>MAE 895</td>
<td>Doctoral Dissertation Research</td>
<td>24</td>
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<tr>
<td></td>
<td><strong>Total Hours</strong></td>
<td></td>
<td>72</td>
</tr>
</tbody>
</table>

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

² “Minor Courses” are limited to 500-level and 700-level courses only

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
Tasnim Hassan
He Huang
Srinath Varadarajan Ekkad
Tiegang Fang
Ashok Gopalarathnam
Richard David Gould
Xiaoning Jiang
Richard F. Kettle
Clement Kleinstreuer

**Associate Professors**

Andrey Valerevich Kuznetsov
James Woodrow Leach
Hong Luo
Kevin M. Lyons
Gracious Ngaile
Kara Jo Peters
Afsaneh Rabiei
Lawrence M. Silverberg
Juei Feng Tu
Fen Wu
Fuh-Gwo Yuan
Yong Zhu
Mohammed A. Zikry

**Assistant Professors**

Landon Grace
Kenneth Granlund
Timothy Joseph Horn
Jingjie Hu
Arun Kumar Kota
Andrew Jeungahn Lee
Jun Liu
Jason F. Patrick
Pramod Kumar Veera Subbareddy
Henry Oliver Tenadooah Ware
Chi-An Yi
Jie Yin

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