# Nuclear Engineering (PhD)

## Degree Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
<th>Counts towards</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Core Courses</strong></td>
<td></td>
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<tr>
<td></td>
<td>Select 500 - 796 level courses approved in conjunction with the academic committee</td>
<td>21</td>
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<tr>
<td></td>
<td><strong>Research Courses</strong></td>
<td></td>
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<tr>
<td>NE 893</td>
<td>Doctoral Supervised Research</td>
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<tr>
<td>NE 895</td>
<td>Doctoral Dissertation Research</td>
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<tr>
<td>NE 899</td>
<td>Doctoral Dissertation Preparation</td>
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<tr>
<td></td>
<td><strong>Additional Courses</strong></td>
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<tr>
<td></td>
<td>&quot;Additional Courses&quot; are approved in conjunction with the academic committee to meet 72 total hours</td>
<td>30</td>
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</tbody>
</table>

**Total Hours** 72

1. Students are required to take two courses above the 750 level.
2. "Additional Courses" may include NE courses, Research courses, and Interdisciplinary courses.

## Faculty

### Emeritus Faculty

- Dmitriy Y. Anistratov
- Yousry Y. Azmy
- Mohamed Abdelhay Bourham
- Nam Truc Dinh
- Joseph M. Doster
- Jacob Eapen
- John G. Gilligan
- Ayman I. Hawari
- Kostadin Nikolov Ivanov
- John Kelly Mattingly
- Korukonda Linga Murty
- Steven Christopher Shannon
- Maria Nikolova Avramova

- Igor A. Bolotnov
- Robert Bruce Hayes
- Djamel Kaoumi
- Alexander William Bataller
- Benjamin Warren Beeler
- Mihai Aurelian Diaconeasa
- Jia Hou
- Katharina Stapelmann
- Xu Wu
- Ge Yang
- Eric Paul Loewen
- Abderrafi M. Ougouag
- Abderrafi Mohammed El-Amine Ougouag
- Scott Parker Palmtag
- Sebastian Schunert
- Bernard Wehring
- John Frederick Zino
- Robin Pierce Gardner
- Steven Hamilton
- Pavel Bokov
- Shannon Michelle Bragg-Sitton
- Erik Matthews Brubaker
- Jon Dahl
- Jeffrey Alan Favorite
- David Lindsay Green
- Vincent Joseph Jodoin
- Philip Allan Kraus
- Nilesh Kumar
- Jeffrey William Lane
- Elijah H. Martin
- William David Pointer
- Curtis Lee Smith
- Rene Van Geemert
- Louise Gail Worrall
- Robert Joseph Zerr
Associate Professor
Lingfeng He

Assistant Professors
Wen Jiang
Florian Laggner
Amanda Lietz

Teaching Assistant Professor
Zeinab Yousef Alsmadi