## Nuclear Engineering (PhD)

### Degree Requirements

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

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

#### Full Professors
- 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

#### Associate Professors
- Maria Nikolova Avramova
- Igor A. Bolotnov
- Robert Bruce Hayes
- Djamel Kaoumi

#### Assistant Professors
- Alexander William Bataller
- Benjamin Warren Beeler
- Mihai Aurelian Diaconeasa
- Jia Hou
- Katharina Stapelmann
- Xu Wu
- Ge Yang

#### Practice/Research/Teaching Professors
- Eric Paul Loewen
- Abderrafi M. Ougouag
- Scott Parker Palmtag
- Sebastian Schunert
- Bernard Wehring

#### Professors Emeritus
- Robin Pierce Gardner
- Paul J. Turinsky

#### Adjunct Faculty
- Pavel Bokov
- Shannon Michelle Bragg-Sitton
- Erik Matthews Brubaker
- Jon Dahl
- Jeffrey Alan Favorite
- David Lindsay Green
- Vincent Joseph Jodoin
- Philip Allan Kraus
- David Kropaczek
- Nilesh Kumar
- Jeffrey William Lane
- Elijah H. Martin
- William David Pointer
- Curtis Lee Smith
- Rene Van Geemert
- Louise Gail Worrall
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Robert Joseph Zerr