Mechanical Engineering (MS)

Degree Requirements
Non-Thesis Option

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Required Courses</td>
<td>27</td>
</tr>
<tr>
<td></td>
<td>Select a minimum of nine 500- to 700-level courses *</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Project Course</td>
<td>3</td>
</tr>
<tr>
<td>MAE 586</td>
<td>Project Work In Mechanical Engineering</td>
<td></td>
</tr>
<tr>
<td>Total Hours</td>
<td></td>
<td>30</td>
</tr>
</tbody>
</table>

Thesis Option

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Required Courses</td>
<td>21</td>
</tr>
<tr>
<td></td>
<td>Select a minimum of nine 500- to 700-level courses *</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Research Course</td>
<td>9</td>
</tr>
<tr>
<td>MAE 695</td>
<td>Master's Thesis Research</td>
<td></td>
</tr>
<tr>
<td>Total Hours</td>
<td></td>
<td>30</td>
</tr>
</tbody>
</table>

* “Required Courses” may include up to three non-MAE courses approved in conjunction with the academic committee.

Faculty

Full Professors
Gregory D. Buckner
Tarek Echekki
Jack Ray Edwards Jr
Srinath Ekkad
Tiegang Fang
Ashok Gopalarathnam
Richard David Gould
Xiaoning Jiang
Richard F. Keltie
Clement Kleinstreuer
Andrey Valerevich Kuznetsov
Hong Luo
Kevin M. Lyons
Gracious Ngaile
Kara Jo Peters
Afsaneh Rabiei

Assistant Professors
Landon Grace
Kenneth Granlund
Timothy Joseph Horn
Arun Kumar Kota
Jun Liu
Marie Muller
Mark R. Pankow
Jong Eun Ryu
Pramod K. V. Subbareddy
Jie Yin

Practice/Research/Teaching Professors
Stephen D. Terry

Associate Professors
Matthew Bryant
Jeffrey W. Eischen
Scott M. Ferguson
Charles Edward Hall Jr.
Hsiao-Ying Shadow Huang
Andre P. Mazzoleni
Venkat Narayanaswamy
Brendan O’Connor
Katherine Saul
Alexei V. Saveliev
Christopher R. Vermillion
Cheryl Xu

Lawrence M. Silverberg
Juei Feng Tu
Fen Wu
Fuh-Gwo Yuan
Yong Zhu
Mohammed A. Zikry
Emeritus Faculty

John A. Bailey
Herbert Martin Eckerlin
Francis J. Hale
Franklin D. Hart
Hassan A. Hassan
Thomas H. Hodgson
Richard R. Johnson
David S. McRae
James C. Mulligan
Robert T. Nagel
Larry H. Royster
Ronald O. Scattergood
Furman Y. Sorrell Jr.
John S. Strenkowski
Carl F. Zorowski