

Mechanical Engineering (MS): Industry Concentration

Degree Requirements

This concentration is only for on-campus students. Students enrolled in the distance education – Engineering Online (EOL) - are not eligible to select this concentration.

Code	Title	Hours
Required Courses ¹		27
Select a minimum of 18 credits (6 courses) of 500-level to 700-level MAE courses		
Select a maximum of 9 credits (3 courses) of non-MAE or MAE technical elective courses approved by the Director of Graduate Programs		
Internship Course ²		3
MAE 650	Internship Work	
Total Hours		30

¹ "Required Courses" may include up to three non-MAE courses approved by the Director of Graduate Programs.

² This concentration requires an internship of at least four months duration (maximum of seven months) and the student to take 3 credit hours of MAE 650 Internship Work and obtain a Satisfactory grade. An internship of at least four calendar months duration would require that it span at least one semester and possibly part of summer. The credits for MAE 650 Internship Work would be taken during the semester that includes the internship.

Faculty

Full Professors

Igor A. Bolotnov

Matthew Bryant

Gregory D. Buckner

Tarek Echehki

Farhan Saifuddin Gandhi

Ola Harrysson

Tasnim Hassan

He Huang

Jack Ray Edwards Jr

Srinath Ekkad

Tiegang Fang

Ashok Gopalarathnam

Xiaoning Jiang

Andrey Valerevich Kuznetsov

Hong Luo

Kevin M. Lyons

Andre P. Mazzoleni

Marie Muller

Venkat Narayanaswamy

Gracious Ngaile

Brendan O'Connor

Lokendra Pal

Kara Jo Peters

Afsaneh Rabiei

Katherine Saul

Rohan A. Shirwalker

Hooman Vahedi Tafreshi

Fen Wu

Chengying Xu

Jie Yin

Fuh-Gwo Yuan

Yong Zhu

Mohammed A. Zikry

Associate Professors

Sajjad Bigham

Justin M. Bradley

Scott M. Ferguson

Landon Grace

Ghadir Haikal

Timothy Joseph Horn

Chien Ching Lilian Hsiao

Hsiao-Ying Shadow Huang

Arun Kumar Kota

Jun Liu

Jong Eun Ryu

Alexei V. Saveliev

Nitin Sharma

Liming Xiong

Assistant Professors

James Braun

Darius Carter

Chuyi Chen

Curtis Congreve

Mohammad Heiranian

Jingjie Hu

Florian M. Laggner

Donggun Lee

Jaemin Lee

Seyed Mehran Mirramezani

Rohith Mittapally

Mark Moretto

Laura Paquin

Jason F. Patrick

Susmita Sarkar

Henry Oliver Tenadooah Ware

Chi-An Yeh

Teaching Professors

Anna Howard

Chau Tran

Teaching Associate Professor

Felix Ewere

Teaching Assistant Professors

Mingtai Chen

Etana A. Ferede

Lecturers

Steven Berg

William Gregory Eades

Assistant Research Professor

Huaiyu Wu

Emeritus Faculty

Herbert Martin Eckerlin

Jeffrey W. Eischen

Richard David Gould

Richard R. Johnson

Richard F. Keltie

Clement Kleinstreuer

David S. McRae

James C. Mulligan

Robert T. Nagel

Ronald O. Scattergood

Furman Y. Sorrell Jr.

Lawrence M. Silverberg

John S. Strenkowski

Stephen D. Terry