

# Materials Science and Engineering (PhD)

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## Degree Requirements

Code	Title	Hours
<b>Required Courses</b>		<b>27</b>
Select a minimum of 9 credit hours of 500- to 700-level MSE courses approved in conjunction with the academic committee		
Select a minimum of 18 credit hours of 700-level courses approved in conjunction with the academic committee		
MSE 601	Seminar	
<b>Additional Courses</b>		<b>45</b>
"Additional Courses" are approved in conjunction with the academic committee		
MSE 801	Seminar	
MSE 893	Doctoral Supervised Research	
MSE 885	Doctoral Supervised Teaching	
MSE 895	Doctoral Dissertation Research	
<b>Total Hours</b>		<b>72</b>

## Faculty

### Professors

Harald Ade

Aram Amassian

David Aspnes

Salah M.A. Bedair

Donald Brenner

Ramon Collazo

Jerome Cuomo

Jan Genzer

Reza Ghiladi

Ola Harrysson

Douglas Irving

Jacob L. Jones

Djamel Kaoumi

Frederick Kish

Thomas LaBean

James D. Martin

John F. Murth

Korukonda Murty

Jagdish Narayan

Roger Jagdish Narayan

Gregory N. Parsons

Melissa Pasquinelli

Zlatko Sitar

Franky So

Richard Spontak

Martin Thuo

Joseph B. Tracy

Daryoosh Vashaee

Yaroslava Yingling

Xiangwu Zhang

Yong Zhu

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## Associate Professors

Veronica Augustyn

Rajeev Gupta

Jagannadham Kasichainula

Raymond Unocic

Kinga Unocic

Nina Wisinger

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## Assistant Professors

Bharat Gwalani

Timothy Horn

Yin Liu

Martin Seifrid

Ruijuan Xu

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## Research Professor

Christopher Rock

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## Teaching Assistant Professor

Alexey Gulyuk

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## **Adjunct Professors**

Barry Farmer

John Prater

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## **Adjunct Associate Professor**

Charles Guarnieri

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## **Practice/Research/Teaching Professor**

Albert Kwansa

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## **Emeritus Faculty**

Charles Balik

Elizabeth Dickey

Carl C. Koch

Yuntian Zhu