

# Materials Science and Engineering (PhD)

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## Degree Requirements

Code	Title	Hours	Counts towards
<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  
 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 Vashaei  
 Yaroslava Yingling  
 Xiangwu Zhang  
 Yong Zhu

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## Associate Professors

Veronica Augustyn  
 Rajeev Gupta  
 Jagannadham Kasichainula  
 Nina Wisinger

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## Assistant Professors

Bharat Gwalani  
 Timothy Horn  
 Yin Liu  
 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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## **Emeritus Faculty**

Charles Balik

Elizabeth Dickey

Carl C. Koch

Yuntian Zhu