



## MSE Schedule of Classes Fall 2016 – Spring 2018

Please note: This list is intended as a guideline. Unforeseen circumstances may necessitate updating this plan with more or fewer courses. **Core Courses are highlighted.**

### Fall 2016

MSE 5001	Principles of Materials Engineering (LD)	Jackie Garofano
<b>MSE 5301</b>	<b>Thermodynamics of Materials</b>	<b>Avinash Dongare</b>
MSE 5317	Electrical & Magnetic Properties of Materials	Rampi Ramprasad
MSE 5320	Nanomaterials (LD)	Puxian Gao
<b>MSE 5322</b>	<b>Materials Characterization</b>	<b>Bryan Huey</b>
<b>MSE 5334</b>	<b>Structures and Defects in Materials</b>	<b>George Rossetti</b>
MSE 6401	Graduate Seminar	Pamir Alpay

### Spring 2017

MSE 5305	Phase Transformations in Solids	Serge Nakhmanson
<b>MSE 5309</b>	<b>Transport Phenomena in Materials Science and Engineering</b>	<b>George Rossetti</b>
MSE 5310	Modeling Materials	Rampi Ramprasad
MSE 5311	Mechanical Properties of Materials (LD)	Avinash Dongare
MSE 5320	Current Trends in Materials Science	Barry Carter
MSE 5336	Materials Selection in Mechanical Design (LD)	Greg Ojard
6401	Graduate Seminar	Lee & Nakhmanson

### Fall 2017

MSE 5001	Principles of Materials Engineering (LD)	Jackie Garofano
<b>MSE 5301</b>	<b>Thermodynamics of Materials</b>	<b>Avinash Dongare</b>
MSE 5320	Nanomaterials (LD)	Puxian Gao
MSE 5320	Current Trends in Materials Science	Barry Carter
<b>MSE 5322</b>	<b>Materials Characterization</b>	<b>Bryan Huey</b>
<b>MSE 5334</b>	<b>Structures and Defects in Materials</b>	<b>George Rossetti</b>
MSE 5364	Advanced Composites	Rajiv Naik
MSE 6401	Graduate Seminar	Lee & Nakhmanson

### Spring 2018

<b>MSE 5309</b>	<b>Transport Phenomena in Materials Science and Engineering</b>	<b>George Rossetti</b>
MSE 5310	Modeling Materials	Rampi Ramprasad
MSE 5311	Mechanical Properties of Materials	Avinash Dongare
MSE 5320	Ceramic Materials	George Rossetti
MSE 5336	Materials Selection in Mechanical Design (LD)	Greg Ojard
6401	Graduate Seminar	Lee & Nakhmanson

\*Instructor as yet unassigned

(LD) = Also offered Long Distance for MEng Students