

**Foundations Advising Master List**  
Fall Semester

	2022 Instr.	Nanoscience	Nanoengineering	Nanobioscience	Nanoeconomics
<b>8W1</b>					
504 Chemical Principles	Brainard	A/N		A/N	
506E Crystallinity & Diff.	Thiel	Y	X	Y	
506A Phase Equilibria	Dunn	Y	Y	X	
506F Principles of NanoBio	Paluh			X	
507C Quantum 1A	Xue	X	X		X
<b>8W2</b>					
506B Kinetics & Transport	Eisenbraun	X	Y	Y	
507D Molecular Materials	Brainard	X		X	
508E Quantum 1B	Xue	Y	Y		Y
509D Intro to MEMS/NEMS	Tokranova			X	
<b>Full Semester Courses</b>					
680 Friday Colloquium		Y	Y	Y	Y
681 Nanobio Seminar	Boivin			X	
683 Nanoengr Seminar	Efstathiadis		Y		
513 Economics Management	U. Pillai				X
695 Intro to Research I		Y	Y	Y	Y
500-level Math (External Credit)					

X = Required for Qualifying Exam

Y = Recommended

A/N = As Needed (e.g., if no organic background, need Chemical Principles before Molecular Materials)

**Foundations Advising Master List**  
Spring Semester

	2023 Instr.	Nanoscience	Nanoengineering	Nanobioscience	Nanoeconomics
<b>8W1</b>					
506D Mechanics of Materials	Lloyd	X	X	Y	
508C Electronic/Mag Prop	Oktyabrsky	Y	Y		
509A Thin Films	Eisenbraun	Y	X		
509E Surfaces & Interfaces	Xue	X	X	Y	X
508D Optical/Photonic Prop	Denbeaux			Y	
<b>8W2</b>					
509F Polymer/Amorph Mat'l	Cady			X	
508B Analytic Techniques	Thiel	Y	Y	Y	
509B Device Principles	Galis	X	X		X
<b>Full Semester Courses</b>					
680 Friday Colloquium		Y	Y	Y	Y
681 Nanobio Seminar	Boivin			X	
683 Nanoengr Seminar	Efstathiadis		Y		
514 Economics Foundations					X
696 Intro to Research II		Y	Y	Y	Y
500-level Math (External Credit)					

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Y = Recommended