

# Materials Science & Engineering BS/MS Program 2020-2021

Junior Year		Senior Year		Graduate Year		Program Information:
Fall	Spring	Fall	Spring	Fall	Spring	
<b>MSE 3410</b> Intro Polymers (3 credits)	<b>MSE 5090</b> Case Studies (3 credit) CW	<b>MSE 5098</b> Senior Design (2.5 credits)	<b>MSE 5099</b> Senior Thesis (2.5 credits)	<b>MSE 6970</b> Thesis Research or <b>MSE 6590</b> Special Project (4 credit)	<b>MSE 6970</b> Thesis Research or <b>MSE 6590</b> Special Project (4 credit)	<b>Deadlines:</b> <ul style="list-style-type: none"> <li><b>April 1st</b> - Spring of junior year apply to the department for admission to the BS/MS program</li> <li><b>January 15th</b> - Spring of senior year apply to the Graduate School for graduate student status</li> </ul> <b>MS Degree Requirements:</b> <ul style="list-style-type: none"> <li>All courses must be passed with a "B-" grade or better</li> <li>3.0 GPA required</li> <li>Complete a total of 30 graduate (6000 or above) credit hours</li> <li>Complete a thesis or special project and defense</li> </ul> <p>See mse.utah.edu for more information on degree and application requirements</p>
<b>MSE 3032</b> Thermo (4 credits)	<b>*MSE 5034</b> Kinetics (3 credit)	<b>MET E 5450</b> Mech Behavior (3 credits)	<b>Tech Elective</b> MET E Section 2 (3 credits)	<b>MSE 7800</b> Grad Seminar I (0.5 credit)	<b>MSE 7801</b> Grad Seminar II (0.5 credit)	
<b>MSE 3010</b> Mtls Processing (3 credits)	<b>MSE 3310</b> Intro Ceramics (3 credits)	<b>Tech Elective</b> MSE Section 1 (3 credits)	<b>Tech Elective</b> Eng. Section 3 (3 credits)	<b>MSE 6____</b> Grad Elective (3 credit)	<b>MSE 6____</b> Grad Elective (3 credit)	
<b>MSE 3210</b> EPS (3 credits)	<b>MSE 3011</b> Mtls Character (4 credits)	<b>Tech Elective</b> Eng. Section 3 (3 credits)	<b>MSE 6____</b> or <b>METE 6____</b> (3 credit)	<b>MSE 6____</b> or <b>METE 6____</b> (3 credit)	<b>MSE 6____</b> Grad Elective (3 credit)	
<b>ECE 2200</b> Elect Eng (1.5 credits)	<b>Gen Ed.</b> (3 credits)	<b>MSE 6032</b> Adv. Thermo (3 credit)	<b>MSE 6____</b> or <b>METE 6____</b> (3 credit)			
<b>Gen Ed.</b> (3 credits)		<b>Gen Ed.</b> (3 credits)	<b>Gen Ed.</b> (3 credits)			
	<b>BS/MS Application Due April 1st</b>		<b>Grad School Application Due Jan. 15th</b>			
17.5 credits	16 credits	17.5 credits	17.5 credits	10.5 credits	10.5 credits	



**Key**

- Prerequisites Enforced →
- Graduate level course □
- Application Deadlines □