

Materials Science & Engineering BS/MS Program 2023-2024

Junior Year		Senior Year		Graduate Year		Program Information:
Fall	Spring	Fall	Spring	Fall	Spring	
MSE 3410 Intro Polymers (3 credits)	MSE 5090 Communications (3 credit) CW	MET E 5450 Mech Behavior (3 credits)	MSE 5099 Senior Thesis (4 credits)	MSE 6970 Thesis Research or MSE 6590 Special Project (4 credit)	MSE 6970 Thesis Research or MSE 6590 Special Project (4 credit)	Deadlines: <ul style="list-style-type: none"> April 1 - Spring of junior year apply to the department for admission to the BS/MS program January 15 - Spring of senior year apply to the Graduate School for graduate student status November 1 - Supervisory Committee Due September 1 - Petition for graduate credit February 1 - Program of Study MS Degree Requirements: <ul style="list-style-type: none"> All courses in the graduate year must be passed with a "B-" grade or better All graduate courses in the undergraduate year must be passed with a "B" grade 3.0 GPA required to apply Complete a total of 30 graduate (6000 or above) credit hours 10 of the 30 hours must be MSE 6970 or MSE 6590 Complete a thesis or special project and defense
MSE 3032 Thermo (4 credits)	MSE 3061 Transport (3 credits)	Tech Elective MSE Section 1 (2-3 credits)	*MSE 5034 Kinetics (3 credit)	MSE 7800 Grad Seminar I (0.5 credit)	MSE 7801 Grad Seminar II (0.5 credit)	
MSE 3010 Mtls Processing (3 credits)	MSE 3310 Intro Ceramics (3 credits)	MSE 3210 EPS (3 credits)	Tech Elective MSE Section 1 (3 credits)	MSE 6____ Grad Elective (3 credit)	MSE 6____ Grad Elective (3 credit)	
MATH 3150 PDEs (2 credits)	MSE 3011 Mtls Character (4 credits)	MSE 6032 Adv. Thermo (3 credit)	MSE 6____ or METE 6____ (3 credit)	MSE 6____ or METE 6____ (3 credit)	MSE 6____ Grad Elective (3 credit)	
Gen Ed. (3 credits)	Tech Elective ENG Section 2 or Internship (3 credits)	MSE 6970 or MSE 6590 (1 credit)	MSE 6____ or METE 6____ (3 credit)	FORM due Nov 1 Supervisory Committee	MSE 6____ Grad Elective (3 credit)	
Students may need to take gen eds in the summer semester or take additional credits in their junior/senior semesters.	Department BS/MS Application due April 1		Grad School Application due Jan 15	FORM due Sept 1 Petition for graduate credit	FORM due Feb 1 Program of Study	
15 credits	16 credits	12-13 credits	16 credits	10.5 credits	10.5 credits	



Key

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