

MASTER OF MATERIALS ENGINEERING, PLAN C

Requirements Effective Spring 2025

Code	Title	Credits
Required Courses:		
MSE 501	Materials Technology Transfer	1
MSE 502A	Materials Science and Engineering Methods: Materials Structure and Scattering	1
MSE 502B	Materials Science and Engineering Methods: Computational Materials Methods	1
MSE 502C	Materials Science and Engineering Methods: Materials Microscopy	1
MSE 503	Mechanical Behavior of Materials	3
MSE 504	Thermodynamics of Materials	3
MSE 505	Kinetics of Materials	3
MSE 523	Electronic Properties of Materials	3
Select 2 credits from the following:		2
MSE 793A	Professional Development Seminar: MSE, Diversity, Equity, and Inclusion	
MSE 793B	Professional Development Seminar: Materials and Society	
MSE 793C	Professional Development Seminar: Materials Science Engineering Careers	
Electives ¹		12
Program Total Credits:		30

A minimum of 30 credits are required to complete this program. At least 24 credits must be MSE subject coursework.

¹ 6 credits of electives: Select 500 level and up courses with approval of advisor. Only one 3-credit 400-level course may count towards the total minimum requirements.