

Standard Course Sequence - Materials Science and Engineering

Yr1	Fall	Winter	Spring
	EA-1 Math 220 Chemistry MatSci 190 (elective)	EA-2 Math 224 Chemistry DTC-1	EA-3 Math 230 Chemistry DTC-2 OR Chem 1X1 → MatSci 301
Yr2	EA-4 MSE 301 MSE 314 Thermo	Phys 135-2 E&M CE 216 Mechanics MSE 315 Phase Equi	Phys 135-3 Waves, QM Math 234 (Vector calc.) MSE 316-1 Microstruct Dynamics
Yr3	MSE 316-2 Micro. Dynamics MSE 351-1 Quantum	MSE 331 Polymers 314, 315, 316-1, 316-2	MSE 390 Matls. Design MSE 351-2 Solid State
Yr4	MSE 391 Proc. Design MSE 361 Diffraction	MSE 332 Mech. Beh. MSE 396-1 Project MSE 361 Diffraction	MSE 396-2 Project

Other courses: Speech (1), Basic Engineering (1), Humanities (7), Tech elec.(5), Unrestricted elec. (5)

Coop sequence – Materials Science and Engineering

	Fall	Winter	Spring
1	EA-1 Math 220 Chemistry	EA-2 Math 224 DTC-1 Chemistry	EA-3 Math 230 DTC-2 Chemistry
2	EA-4 MSE 301 MSE 314 Thermo	Phys 135-2 E&M CE 216 Mechanics MSE 315 Phase Equil	Phys 135-3 Waves, QM Math 234 (Vector calc.) MSE 316-1 Micro. Dyn.
3	MSE 316-2 Micro. Dyn. MSE 332 Mech. Beh.	MSE 331 Polymers MSE 351-1 Quantum	COOP
4	MSE 391 Proc. Design	COOP	MSE 351-2 Solid State MSE 390 Matls. Design
5	COOP	MSE 396-1 Project MSE 361 Diffraction	MSE 396-2 Project