## Materials Engineering — MS

Code	Title	Hours
Materials Engineering (MS)		
MATL 6100	Thermodynamics of Materials Systems	3
MATL 6200	Materials Characterization	2
MATL 6300	Phase Transformations in Material Processing	3
MATL 6400	Physics of Solids	3
MATL 7050	Deformation and Failure of Engineering Materials	3
MATL 7990	Research and Thesis	4
Select 7 Credits in MATL 6000-	8999	7
Select 5 Credits in @ 6000-899	9 (Electives)	5
Total Hours		30
Code	Title	Hours
Code Materials Engineering (MS, no		Hours
		Hours 3
Materials Engineering (MS, no	on-thesis)	
Materials Engineering (MS, no MATL 6100	on-thesis) Thermodynamics of Materials Systems	3
Materials Engineering (MS, no MATL 6100 MATL 6200	on-thesis) Thermodynamics of Materials Systems Materials Characterization	3
Materials Engineering (MS, no MATL 6100 MATL 6200 MATL 6300	on-thesis) Thermodynamics of Materials Systems Materials Characterization Phase Transformations in Material Processing	3 2 3
Materials Engineering (MS, no MATL 6100 MATL 6200 MATL 6300 MATL 6400	on-thesis) Thermodynamics of Materials Systems Materials Characterization Phase Transformations in Material Processing Physics of Solids	3 2 3 3
Materials Engineering (MS, no MATL 6100 MATL 6200 MATL 6300 MATL 6400 MATL 7050	on-thesis)   Thermodynamics of Materials Systems   Materials Characterization   Phase Transformations in Material Processing   Physics of Solids   Deformation and Failure of Engineering Materials   Master Materials Engineering Project	3 2 3 3 3 3
Materials Engineering (MS, no     MATL 6100     MATL 6200     MATL 6300     MATL 6400     MATL 7050     MATL 7980	on-thesis)   Thermodynamics of Materials Systems   Materials Characterization   Phase Transformations in Material Processing   Physics of Solids   Deformation and Failure of Engineering Materials   Master Materials Engineering Project   00-8999	3 2 3 3 3 3 1-3