

General Education							
Art (3 credits required at UWM)							
Art	105	Art Survey	3	GenEd	110	World of the Arts	3
Music	XXX	(Meets UWM Cultural Diversity Requirement)	3	Music	144	Cultural Music of the Americas	3
Humanities (6 credits required at UWM)							
Commun	103	Public Speaking	3	Comm	110	Fundamentals of Speech	3
L&S	XXX			GenEd	390	World of Ideas	3
Social Science (6 credits required at UWM)							
Econ	104	Macroeconomics	3	Econ	211	Economic Prin/Pblms/Policies	3
Hist	XXX		3	History	120	The US Experience in World Context	3
Psych	XXX		3	GenEd	130	Individual and Society	3
L&S	XXX		3	GenEd	140	Global Perspectives	
English							
English	101	Intro to College Writing	3	English	101	Freshman English	3
English	102	College Writing and Research	3	English	102	Freshman English	3
English	206	Technical Writing (Grp D Tech Elective)	3	English	372	Technical and Seicneific Writing	3

*Some courses may not be direct equivalents but will be allowed as substitutions for the Materials Engineering Major.

**UW-Whitewater/UW-Milwaukee
Physics/Engineering Dual Degree Program**

Sample 2-year Study Plan at UWM

Materials Engineer

Year Four (senior year)							
Fall Semester			Credits	Spring Semester			Credits
EAS	200	Professional Seminar	1	Matl Eng	443	Transport Phenom in Matl Processing	3
Ind Eng	360	Engineering Economic Analysis	3	Matl Eng	330	Materials Processing	3
Civ Eng	303	Strength of Materials I	4	Matl Eng	442	Thermodynamics of Materials	3
Matl Eng	201	Engineering Materials	4	Matl Eng	410	Mechanical Behavior of Materials	3
Physics	411	Mechanics I	<u>4</u>	Approved Technical Electives			<u>3</u>
			16				15
Fifth Year							
Fall Semester				Spring Semester			
Matl Eng	402	Physical Metallurgy	3	Matl Eng	490	Senior Design Projects	4
Matl Eng	411	Materials Laboratory	3	Matl Eng	461	Environmental Degradation of Matl	3
Matl Eng	452	Ceramic Materials	3	Approved Technical Electives			<u>6</u>
Matl Eng	453	Polymeric Materials	<u>3</u>				
			12				13