

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	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 Scientific 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

Electrical Engineer

Year Four (senior year)							
Fall Semester			Credits	Spring Semester			Credits
EAS	200	Professional Seminar	1	Elec Eng	330	Electronics I	3
Ind Eng	234	Analytical Methods in Engineering	4	Elec Eng	367	Introductioin to Microprocessors	3
Elec Eng	305	Electrical Circuits II	4	Elec Eng	361	Electromagnetic Fields	3
Elec Eng	354	Digital Logie	3	Elec Eng	310	Signals and Systems	3
Matl Eng	201	Engineering Materials	4	Approved Technical Elective			3
			16				15
Fifth Year							
Fall Semester				Spring Semester			
Elec Eng	335	Electronics II	3	Elec Eng	595	Capstone Design Project	4
Elec Eng	362	Electronmechanical Energy Conversion	4	Approved Technical Electives			9
Elec Eng	420	Random Signals and Systems	3				
Approved Technical Electives			3				13
Approved Probability & Statistics Electives			3				
			16				