

Materials Science and Engineering Undergraduate Course Schedule Spring Term (2204)

Required Courses						
Subj./Catlg#	Class #	Course	Units	Days	Time	Room
ENGR 0022	13001	Materials Structure & Properties	3	MWF	12:00-12:50pm	G30 Benedum
	13002	<i>recitation</i>	0	Tu	11:00-11:50am	G29 Benedum
ENGR 0135	12932	Statics & Mechanics of Materials 1	3	MWF	3:00-3:50pm	318 Benedum
ENGR 0145	12925	Statics & Mechanics of Materials 2	3	MWF	3:00-3:50pm	157 Benedum
MEMS 0031	14584	Electrical Circuits	3	MWF	5:00-5:50pm	157 Benedum
MEMS 0031	25808	Electrical Circuits	3	MWF	9:00-9:50am	332 CL
MEMS 0040	14585	Materials & Manufacturing	3	MWF	4:00-4:50pm	157 Benedum
	14586	<i>recitation</i>	0	Tu	9:00-9:50am	157 Benedum
MEMS 0040	25810	Materials & Manufacturing	3	MWF	1:00-1:50pm	1502 WWPH
	25811	<i>recitation</i>	0	Tu	9:00-9:50am	332 CL
MEMS 0048	29027	Thermodynamics of Materials	3	MWF	2:00-2:50pm	158 Benedum
MEMS 1011	15703	Structure & Properties Lab	3	TuTh	1:00-3:50pm	G24 Benedum
MEMS 1028	15720	Mechanical Design 1	3	MWF	1:00-1:50pm	157 Benedum
MEMS 1043	16835	Senior Design Project	3	TuTh	11:00-12:25pm	318 Benedum
MEMS 1063	30551	Phase Transformations	3	MWF	3:00-3:50pm	226 Benedum
MEMS 1070	16012	Mechanical Behavior of Materials	3	TuTh	9:30-10:45am	G30 Benedum
MEMS 1079	16837	Senior Materials Research Project	1-3	TuTh	2:00-4:50pm	
MEMS 1085	15489	Departmental Seminar	0	Tu	10:00-10:50am	121 Lawrence

† Department Consent Required

‡ Instructor Consent Required

Electives						
Subj./Catlg#	Class #	Course	Units	Days	Time	Room
ENGR 1050†	12934	Product Realization†	3	Tu	6:00-8:35pm	
ENGR 1090P†	25800	Engineering Cooperative Program†	1			
ENGR 1701	13119	Fundamentals of Nuclear Reactors	3	W	6:00-8:30pm	129 Victoria
MEMS 1097†	16838	Special Projects†	1-3	TBA	TBA	
MEMS 1098†	16839	Special Projects II†	1-3	TBA	TBA	
MEMS 1101	16696	Ferrous Physical Metallurgy	3	MWF	10:00-11:50am	G24 Benedum
MEMS 1103	16840	Princ. & Appls of Steel Process/Design	3	MWF	11:00-11:50am	G27 Benedum
MEMS 1111	32234	Materials for Energy Gen & Storage	3	Th	4:00-6:30pm	229 Victoria
MEMS 1163	29816	Ceramic Materials	3	Th	4:00-6:25pm	363 CL
BIOENG 1071	13100	Intro to Cell Biology 2	3	MWF	11:00-11:50am	157 Benedum
	18035	<i>recitation</i>	0	Tu	8:00-8:50am	G27 Benedum
	13101	<i>recitation</i>	0	Tu	9:00-9:50am	G27 Benedum
	13134	<i>recitation</i>	0	Tu	12:00-12:50pm	G29 Benedum
	21311	<i>recitation</i>	0	Tu	4:00-4:50pm	G27 Benedum
	21312	<i>recitation</i>	0	Tu	5:00-5:50pm	G27 Benedum
BIOENG 1810	28591	Biomaterials and Biocompatibility	3	TuTh	9:30-10:45am	226 Benedum
CHEM 0310		Organic Chemistry 1	3	<i>See Class Search/Browse Catalog on my.pitt.edu</i>		
CHEM 0320		Organic Chemistry 2	3	<i>See Class Search/Browse Catalog on my.pitt.edu</i>		
CHEM 1600	10353	Synthesis & Characterization of Polymers	3	MW	3:00-4:15pm	228 Eberly

For the Biomaterials option, BIOSCI 0105 and 0106 can be substituted for BIOENG 1070 and 1071. CHEM 0310 Organic Chemistry 1 is also recommended, but not required.

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Communications Skills Electives						
Subj./Catlg#	Class #	Course	Units	Days	Time	Room
COMMRC 0500		Argument	3	<i>See Class Search/Browse Catalog on my.pitt.edu</i>		
COMMRC 0520		Public Speaking	3	<i>See Class Search/Browse Catalog on my.pitt.edu</i>		
ENGCOMP 0400		Written Professional Communication	3	<i>See Class Search/Browse Catalog on my.pitt.edu</i>		
ENGCOMP 0600	29441	Introduction to Technical Writing	3	TuTh	2:30-4:00pm	204 CL
ENGCOMP 0600	25736	Introduction to Technical Writing	3	TuTh	4:00-5:15pm	G20 CL