



Nanotechnology Course List-Autumn 2008

Bioengineering

BIOEN 490	ENG MATLS BIOMED AP						
11004	A	3	TTh	1230-150	BAG	261	HORBETT, THOMAS A.
BIOEN 518	NANOTECH SEMINAR						
11010	A	1	T	1230-220	SWS	B014	CASTNER, DAVID G.
			CR/NC				
BIOEN 579	HOST RESP BIOMAT						
11012	A	3	TTh	1100-1220	HST	T360A	GIACHELLI, CECILIA

Chemical Engineering

CHEM E 355	BIO FOR ENGINEERS						
11766	A	3	M	130-220	BNS	115	SHEN, HONG
			W	130-320	CMU	226	
			BIOLOGY FOR ENGINEERS				
CHEM E 445	SURF COLL SCI LAB						
19956	A	3	MW	1130-1220	BNS	203	POZZO, DANILO C.
19959	AA	LB	T	130-520	BNS	123	
19960	AB	LB	W	130-520	BNS	123	
19961	AC	LB	Th	130-520	BLD	286	
CHEM E 484	ELECTRONIC POLYMERS						Prerequisites
11778	A	3	ThF	230-350	BNS	115	JENEKHE, SAMSON A.
CHEM E 490	ENG MATLS BIOMED AP						
11779	A	3	TTh	1230-150	BAG	261	HORBETT, THOMAS A.
CHEM E 584	ELECTRONIC POLYMERS						
11789	A	3	ThF	230-350	BNS	115	JENEKHE, SAMSON A.

Chemistry – Nano-relevant for any/all students

CHEM 484	MATERIALS CHEMISTRY						Prerequisites
11729	A	3	MWF	230-320	BAG	261	RASCHKE, MARKUS
CHEM 597	NANOTECH SEMINAR						
11756	A	1	T	1230-220	SWS	B014	
			CR/NC				

Chemistry – Nano-relevant for non-Chemistry majors only

CHEM 460	SPECT MOLEC IDENT				Prerequisites (cancellation in effect)		
11722	A	3	MWF	1230-120	BAG	261	SASAKI, TOMIKAZU
CHEM 475	H-PHYSICAL CHEM						Prerequisites
11728	A	3	MWF	830-920	BAG	108	GINGER JR, DAVID S.

University of Washington
CENTER FOR NANOTECHNOLOGY



			Th	830-920	BAG	260	GINGER JR, DAVID S.	
CHEM 530			ADV ORGANIC CHEM					
11746	A	3	MWF	130-220	BAG	261	LALIC, GOJKO	
CHEM 550			INTRO QUANTUM CHEM					
11747	A	3	MWF	830-920	BAG	108	GINGER JR, DAVID S.	
			Th	830-920	BAG	260	GINGER JR, DAVID S.	

Electrical Engineering

E E 502			INTRO TO MEMS					
12543	A	4	TTh	330-520	MEB	246	BOHRINGER, KARL F.	
			GRADS ONLY					
E E 528			PHYSICS VLSI FAB					
19652	A	4	MW	1030-1220	MEB	242	DUNHAM, SCOTT T.	

Materials Science and Engineering

MSE 484			MATERIALS CHEMISTRY					Prerequisites
15907	A	3	MWF	230-320	BAG	261	RASCHKE, MARKUS	
MSE 501			ADV PROC. INORG MAT					
19779	A	3	TTh	1000-1120	JHN	175	CAO, GUOZHONG	
MSE 504			INTRO TO MEMS					
15916	A	4	TTh	330-520	MEB	246		
MSE 555			BIOMIMETICS					
15920	A	4	TTh	230-420	MEB	245	SARIKAYA, MEHMET	

Physics

PHYS 423			SOLID STATE PHYSICS					Prerequisites
17392	A	3	TTh	930-1050	PAA	A214	SEIDLER,	
PHYS 431			MODERN PHYSICS					
LAB								
17394	A	3	MW	130-420	PAB	B248	PENGR, DAVID B.	
17395	B	3	T	230-520	PAB	B248	PENGR, DAVID B.	
			Th	130-420	PAB	B248	PENGR, DAVID B.	
PHYS 586			SMNR CONDENSED MATT					
17418	A	1-3	T	330-520	PAB	B109		
			CR/NC					
			CLASS MEETS IN PAT C-421.					

Physiology and Biophysics

P BIO 521			BIOPHYSICS SEMINAR					
16789	A	VAR	to be arranged					

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EC HSD G424