

## Nanotechnology Related Courses Offered Winter, 2005\*

### Biochemistry

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No classes this quarter.

### Bioengineering

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#### BIOEN 455 BIOMEMS—Introduction to BioMEMS

Restr 1811 AA	4	MWF 1030-1120 M 1130-220	MAR 168 HST T365
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#### BIOEN 490 ENG MATLS BIOMED AP—Engineering Materials for Biomedical Applications

Restr 1815 A	3	TTH 130-250 J	MGH 288
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#### BIOEN 576 PROTEIN ENGINEERING—Laboratory Techniques in Protein Engineering

Restr 1825 AA	4	MW 1130-1220 F 1030-120	CHL 025 MOR 320
Restr 1826 AB	4	MW 1130-120 F 230-520	CHL 025 MOR 320

#### BIOEN 599 SPEC TOPICS BIOENG—Nanotechnology Seminar

Restr 1832 N	1	T 1230-220 CR/NC J	BAG 260
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#### BIOEN 599 SPEC TOPICS BIOENG—Microfabrication

1833 O	3	TTh 1030-1150	BAG 260
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#### BIOEN 599 SPEC TOPICS BIOENG—Student Seminar in Nanoscience

1834 P	1	W 1230-120 CR/NC J	FTR 106
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#### BIOEN 599 SPEC TOPICS BIOENG—Microfabrication Lab

1835 Q	3	W 1130-250	LOW 217
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### Chemical Engineering

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#### CHEM E 490 ENG MATLS BIOMED AP—Engineering Materials for Biomedical Applications

2486 A	3	TTh 130-250 J	RAI 116
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#### CHEM E 530 MOMNT, HT, MS TR I—Momentum, Heat, and Mass Transfer I

2492 A	4	MTWF 930-1020	LOW 217
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#### CHEM E 588 RES APPL MICROBIOL—Research in Applied Microbiology

2498 A	1	to be arranged CR/NC J	
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## Chemistry

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### **CHEM 453 PHYS CHEM BIOC II (NW) Prerequisites**

2437 AA	3	MWF 1030-1120	BAG 154
		Th 1030-1120	BAG 154

### **CHEM 463 SPECTRO TECHNIQUES (NW) Prerequisites**

2439 ZA	2	TTh 130-420	BAG 083
2440 ZB	2	WF 130-420	BAG 083

### **CHEM 531 ADV ORGANIC CHEM**

2446 A	3	MWF 1030-1120	BAG 106
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### **CHEM 551 INTRO QUANTUM CHEM**

2447 A	3	MWF 1230-120	BAG 106
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### **CHEM 560 CUR PROB PHYS CHEM—Current Problems in Physical Chemistry**

2448 A	1	T 1230-220	BAG 260
	CR/NC	J	Nanotechnology Seminar

## Electrical Engineering

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### **E E 531 SEMI DEV AND DEV SIMUL—Semiconductor Devices and Device Simulation**

3130 A	4	TTh 1230-220	EE1 042
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## Genomic Sciences

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No classes this quarter.

## Materials Science and Engineering

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### **MSE 498 SPECIAL TOPICS—Fabrication of Nano-materials and Characterization of Nanomaterial Systems, PNNL**

5908 F	4	to be arranged	
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### **MSE 512 TRANSM ELC MICRSCPYPY—Experimental Transmission Electron Microscopy**

5911 A	3	TTh 900-1020	MUE 155
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### **MSE 513 TEM LAB—Transmission Electron Microscopy Laboratory**

5912 ZN	2	TTh 1030-1220	MUE 155
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### **MSE 565 ELECTRON THEORY MTL—Electron Theory of Materials**

5917 A	3	TTh 1030-1150	LOW 222
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### **MSE 599 SPEC TPCS MATLS SCI—Fabrication of Nano-Materials and Characterization of Nanomaterial Systems, PNNL**

5922 B	4	to be arranged	
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## **Medicinal Chemistry**

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No classes this quarter.

## **Microbiology**

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### **MICROM 527 GENE REGULATION—Genetic Approach to Complex Biological Problems**

Restr 5801 A            1            to be arranged  
                                 CR/NC

### **MICROM 528 SALMONELLA GENETICS—Salmonella Genetics**

5802 A                 1            to be arranged  
                                 CR/NC

## **Physics**

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### **PHYS 441 QUANTUM PHYSICS—Quantum Physics**

7195 U                 4            MW 700-850P        PAA A114

### **PHYS 567 THEORY OF SOLIDS—Theory of Solids**

Restr 7207 A           3            TTh 1130-120        PAA A110  
                                 CR/NC

### **PHYS 586 SMNR CONDENSED MATT—Seminar in Condensed Matter Physics**

7215 A                 VAR        T 330-520            PAA A110  
                                 CR/NC

## **Physiology and Biophysics**

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### **P BIO 520 PHYSIOLOGY SEMINAR—Physiology Seminar**

6666 A                 VAR        to be arranged

\* For more specifics, check the UW Winter 2005 Course Catalog.