

Course Schedule - Fall 2005

Bioengineering

120 **Introduction to Bioengineering** Credit: 1 hours.

(BIOEN 120) Lecture and discussion of recent trends in bioengineering; topics typically include the biological interaction with ultrasound and microwave radiation, modeling, instrumentation, biomaterials, biomechanics, biological heat and mass transfer, and medical imaging techniques.

CRN	Type	Section	Time	Days	Location	Instructor
41732	lecture-discussion	1	03:00 PM - 03:50 PM	T		Pijanowski, G
41732: Meets 11-Oct-05 - 09-Dec-05.						
	lecture-discussion	1	04:00 PM - 04:50 PM	T	room ARR Digital Computer Laboratory	Pijanowski, G
: Meets 24-Aug-05 - 09-Dec-05.						
	lecture-discussion	1	04:00 PM - 04:50 PM	R	room 1320 Digital Computer Laboratory	Pijanowski, G
: This section, comprised of 3 meeting sessions, is restricted to Bioengineering freshmen only. The Tuesday ARR sessions meet in 2240 DCL. The 3:00 p.m. Tuesday session meets 11-OCT-05 - 09-DEC-05. The 4:00 p.m. Tuesday and Thursday sessions meet for the full semester. Ignore the auto-generated sentence that follows:Meets 24-Aug-05 - 09-Dec-05.						
45137	lecture-discussion	100	04:00 PM - 04:50 PM	R	room 1320 Digital Computer Laboratory	Pijanowski, G
45137: BIOE 120 will only be offered in the Fall semester. This section is for non-Bioengineering majors.						

397 **Individual Study** Credit: 0 to 4 hours.

(BIOEN 270) Individual projects. Prerequisite: Consent of instructor.

CRN	Type	Section	Time	Days	Location	Instructor
10412	independent study		ARRANGED			
10412: Instructor Approval Required						

414 **Biomedical Instrumentation** Credit: 3 hours.

(BIOEN 314) Same as ECE 414. See ECE 414.

CRN	Type	Section	Time	Days	Location	Instructor
40017	lecture	B	09:00 AM - 09:50 AM	MWF	room 165 Everitt Elec and Comp Engr Lab	Fish, R
40017: 3 hours						

415 *Biomedical Instrumentation Lab* Credit: 2 hours.
 (BIOEN 315) Same as ECE 415. See ECE 415.

CRN	Type	Section	Time	Days	Location	Instructor
43863	laboratory	AB1	01:00 PM - 03:50 PM	T	room ARR Digital Computer Laboratory	Xiong, J
43867	laboratory	AB2	09:00 AM - 11:50 AM	R	room ARR Digital Computer Laboratory	Qian, Z
43868	laboratory	AB3	01:00 PM - 03:50 PM	R	room ARR Digital Computer Laboratory	Zhou, C
43869	laboratory	AB4	01:00 PM - 03:50 PM	W	room ARR Digital Computer Laboratory	Fish, R
43870	lecture	AL1	09:00 AM - 09:50 AM	T	room 106B1 Engineering Hall	Fish, R

480 *Magnetic Resonance Imaging* Credit: 3 or 4 hours.
 (BIOEN 380) Same as ECE 480. See ECE 480.

CRN	Type	Section	Time	Days	Location	Instructor
45267	lecture	S	02:30 PM - 03:50 PM	TR	room 305 Materials Science and Eng Bld	Liang, Z

597 *Individual Study* Credit: 1 to 8 hours.
 (BIOEN 498) Individual projects. Prerequisite: Consent of instructor.

CRN	Type	Section	Time	Days	Location	Instructor
10413	independent study		ARRANGED			

10413: Instructor Approval Required

599 **Thesis Research** Credit: 0 to 16 hours.
Bioengineering graduate thesis research. May be repeated. Approved for S/U grading only.

CRN	Type	Section	Time	Days	Location	Instructor
42809	independent study		ARRANGED			
42809: Instructor Approval Required						