

# Course Schedule - Fall 2007

## Electrical and Computer Engineering

467 **Biophotonics** credit: 3 hours.

An overview of the field of biophotonics, divided into three segments: (1) fundamental principles of light, optics, lasers, biology, and medicine; (2) diagnostic biophotonics including imaging, spectroscopy, and optical biosensors; (3) therapeutic applications of biophotonics including laser ablation and photodynamic therapies. Includes student review and presentation of current scientific literature and tours of microscopy facilities. Same as BIOE 467.

Prerequisite: One of ECE 455, ECE 460, PHYS 402.

CRN	Type	Section	Time	Days	Location	Instructor
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