

Course Schedule - Spring 2007

Agricultural and Biological Engineering

222 ***Agr & Bio Engineering II*** Credit: 4 hours.

Introduction to biomaterials and bioprocess design. Includes structure and composition of biomaterials, mass balances, force-deformation of biomaterials and non-Newtonian fluid flow. Principles of environmental control for biological structures, psychrometrics, mass and heat transfer through buildings, and ventilation requirements.

Prerequisite: One of MATH 220, MATH 221, MATH 234.

| CRN | Type | Section | Time | Days | Location | Instructor |
|-------|------------|---------|---------------------|------|---|---------------------------|
| 31031 | laboratory | AB1 | 08:00 AM - 09:50 AM | R | room 242 Agricultural Engr Sciences Bld | Zhang, Y; Rodriguez, L |
| 31029 | laboratory | AB2 | 10:00 AM - 11:50 AM | R | room 242 Agricultural Engr Sciences Bld | Zhang, Y; Rodriguez, L |
| 29862 | lecture | AL1 | 10:00 AM - 10:50 AM | MWF | room 204 Agricultural Engr Sciences Bld | Zhang, Y; Rodriguez, L |