

**AGRICULTURAL            ATM  
TECHNOLOGY AND  
SYSTEMS MANAGEMENT**

**Department of Biosystems and  
Agricultural Engineering  
College of Agriculture and  
Natural Resources**

**431    Irrigation, Drainage and Erosion Control  
Systems**

Fall. 3(2-2) RB: MTH 116 and CSS 210 R:  
Not open to freshmen or sophomores.

Principles of soil and water conservation engineering including: land and soil surveying, basic hydraulics, hydrology, soil moisture, and soil and water conservation practices with applications to irrigation, drainage and erosion control systems.

**890    Special Problems**

Fall, Spring, Summer. 1 to 4 credits. A student may earn a maximum of 4 credits in all enrollments for this course. R: Approval of department.

Individual study of selected topics.

**899    Master's Thesis Research**

Fall, Spring, Summer. 1 to 10 credits. A student may earn a maximum of 99 credits in all enrollments for this course. R: Open only to master's students in Agricultural Technology and Systems Management.

Masters thesis research.

**999    Doctoral Dissertation Research**

Fall, Spring, Summer. 1 to 24 credits. A student may earn a maximum of 99 credits in all enrollments for this course. R: Open only to Ph.D. students in Agricultural Technology and Systems Management.

Doctoral dissertation research.