Descriptions — Agricultural Economics of Courses

431. Irrigation, Drainage and Erosion Control Systems
Fall, Spring. 3(2-2)
P: MTH 116 or MTH 120; CSS 210. R: Not open to freshmen and sophomores.
Principles of soil and water conservation engineering including: land and soil surveying, basic hydrology, soil moisture, and soil and water conservation practices with applications to irrigation, drainage and erosion control systems.

490. Independent Study
Fall, Spring, Summer. 1 to 4 credits. A student may earn a maximum of 8 credits in all enrollments for this course.
P: ATM 231 or ATM 270 or BCM 311. R: Not open to majors in Agricultural Technology and Systems Management.
Approval of department; application required.
Supervised individual student research and study in agricultural technology and systems management.

491. Special Topics in Agricultural Technology and Systems Management
Fall, Spring, Summer. 1 to 4 credits. A student may earn a maximum of 8 credits in all enrollments for this course.
P: ATM 231 or ATM 270 or BCM 311. R: Not open to majors in Agricultural Technology and Systems Management.
Special topics in agricultural technology and systems management.

494. Agricultural Mechanization in Developing Countries
Fall of odd-numbered years, 3(3-0)
R: Open only to Ph.D. students in College of Agricultur and Natural Resources or College of Engineering.
Human, animal and mechanical power for smaller farms. Machine selection, local manufacturing, ownership patterns.

807. Human Factors Engineering
Fall of even-numbered years, 3(3-0)
R: Open only to graduate students in College of Agriculture and Natural Resources or College of Engineering.

811. Water, Technology and International Development
Spring of even-numbered years, 3(3-0)
P: AB 481 or ANR 489 or ATM 431 or CSS 210. R: Open only to graduate students in College of Agriculture and Natural Resources or College of Engineering.
Water resources planning and development for irrigated agriculture. Technological, agronomic, environmental, social and political constraints. Case studies.

Agricultural Technology and Systems Management ATM

Department of Agricultural Engineering
College of Agriculture and Natural Resources

315. Occupational and Personal Safety
Spring. 2-0
P: CSS 101 or ANS 110 or ARE 101 or HFR 201. R: Open only to College of Agriculture and Natural Resources majors.

326. Principles of Animal Environments
Spring. 2-0
P: MTH 116 or MTH 120; CPS 101 or CPS 131. R: Open only to College of Agriculture and Natural Resources majors.

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