Agriculture (Ag Busi/Ag Sci) Program Learning Outcomes 2011-2012

Ag Science (Degree & Certificate)

The Agricultural Science major addresses the application of various scientific principles that are applied for the purpose of producing food, feed & fiber. The course offerings are fundamental and broad in scope so that students can prepare for continued academic training or entry into industry in the Animal, Plant or Soil Sciences.

Program Outcomes

1. Demonstrate an understanding of fundamental concepts and knowledge related to the selection, propagation and management of various plant commodities produced for food, feed & fiber.

Est. Completion Date: completion of next Comprehensive Program Review (2012)

Way(s) to assess: exams, laboratory practical, laboratory exercises, class presentations, and/or homework assignments

1. Display competency with respect to the use of standard laboratory, industry equipment and techniques commonly used in production.

Est. Completion Date: completion of next Comprehensive Program Review (2012)

Way(s) to assess: exams, lab practical, and/or laboratory exercises

1. Demonstrate understanding of scientific research and display critical thinking skills related to hypothesis development and data interpretation as applied to the decision making process related to commercial production.

Est. Completion Date:  completion of next Comprehensive Program Review (2012)

Way(s) to assess: exams,reports, class presentations and/or assignments

Ag Business (Degree & Certificate)

The Agricultural Business Management major is the application of business concepts to the agricultural industry emphasizing careers in agriculture. These careers may include management and operation of farms as well support industry firms. Focus includes processing, marketing, distribution, and sales of agricultural commodities & products. Program completion prepares students for either continued academic training or entry into industry.

Program Outcomes

1. Demonstrate an understanding of fundamental concepts and knowledge related to the management, marketing and production of various agriculture commodities produced for food, feed & fiber.

Est. Completion Date: completion of next Comprehensive Program Review (2012)

Way(s) to assess: exams, laboratory practical, laboratory exercises, class presentations, and/or homework assignments

1. Display competency with respect to understanding and use of standard business practices and strategies commonly used in production, sales, marketing distribution.

Est. Completion Date: completion of next Comprehensive Program Review (2012)

Way(s) to assess: exams, reports and/or class presentations

1. Demonstrate understanding of market trends and influential factors, display critical thinking skills related to production and marketing development, data interpretation as applied to the decision making process related to commercial production and commodity sales.

Est. Completion Date:  completion of next Comprehensive Program Review (2012)

Way(s) to assess: exams, reports, class presentations and/or assignments