

Agriculture, Food & Natural Resources Cluster

Agribusiness & Management Pathway –

Agribusiness & Management – This major gives students an overview of agribusiness and management and the careers available. Students are given an introduction at the ninth grade level to agriculture, natural resources, animal/plant science, and agribusiness principles and careers. Curriculum includes fundamentals of managing and operating agricultural businesses, economic systems and business methods, entrepreneurship, legal regulations, and records and financial analysis as well as agricultural commodity and international marketing, promotion/advertising, and technology in sales and marketing. Leadership and personal development, supervised experiences, and FFA are integral components in this major.

Crop Care Professional – This major prepares students as crop care professionals who work independently or with a company servicing crop fields and pastures. Students are introduced to pesticides for crops and pasture management, soil testing and plant nutrient requirements, and proper application methods along with environmental concerns and fertilizer regulations. Curriculum includes precision agriculture and new technologies in production and application equipment including GPS/GIS technologies. Commercial, non-commercial and service technician applicator certification by Oklahoma Department of Agriculture Foods and Forestry (ODAFF) may be taught/obtained during this course.