

AGR - AGRICULTURE (AGR)

AGR 101 Technology and Professionalism in Agriculture 2 SHC

This course covers the use of various computer applications as well as professionalism, leadership, and job-seeking skills in the agriculture industry.

Lecture Hours: 1

Lab/Clinical Hours: 3

AGR 201 Introduction to Sustainable Agriculture 3 SHC

This course provides an evaluation of the main goals of sustainable agriculture to include environmental health, economic profitability, and social and economic equity. Students will evaluate management and technological approaches and policies that influence agricultural practices.

Lecture Hours: 2

Lab/Clinical Hours: 3

AGR 203 Introduction to Animal Science 4 SHC

This course is a survey of animal industries and their role and importance to man and society from past to present. Labs will examine the basic principles in the handling of livestock and techniques of farm animal production.

Lecture Hours: 3

Lab/Clinical Hours: 3

AGR 204 Introduction to Plant Science 3 SHC

This course will present the fundamentals of plant sciences, including agronomic and horticultural crops of the major agricultural areas of the world. Emphasis will be given to crops of the Southeastern Region of the United States.

Lecture Hours: 3

Lab/Clinical Hours: 0

AGR 205 Pest Management 3 SHC

Students will study major pests (weeds, insects and disease) of the major South Carolina crops. Theory and practices of integrated pest management will be explored and compared to conventional pest management strategies.

Lecture Hours: 3

Lab/Clinical Hours: 0

AGR 206 Basic Farm Maintenance 4 SHC

This course is a study of practical techniques for basic maintenance and repair in an agricultural environment. Students will learn applications and uses of hand tools, basic metal work and machinery maintenance.

Lecture Hours: 2

Lab/Clinical Hours: 6

AGR 207 Field Crop Production 3 SHC

This is a lecture course with a laboratory component designed to familiarize students with the basic principles and theories for modern field crop production. Emphasis is placed on the major field crops of the Southeast. All aspects of production are covered from initial planning to market.

Lecture Hours: 2

Lab/Clinical Hours: 3

AGR 208 Introduction to Agricultural Economics 3 SHC

This course is a study of agricultural economics principles. Topics include the application of these principles to the solution of agricultural economics, farm organization, land economics, farm prices, government farm policies and farm business problems related to national/international economies.

Lecture Hours: 3

Lab/Clinical Hours: 0

AGR 209 Introduction to Agricultural Marketing 3 SHC

This is a technical course of marketing methods, practices and policies in agriculture. The course emphasizes the management applications of marketing techniques in an agricultural environment.

Lecture Hours: 3

Lab/Clinical Hours: 0

AGR 211 Applied Agriculture Calculations 3 SHC

This course is a study of basic mathematical applications in crop and livestock production, agribusiness and financial management. Mastery of these concepts will assist students in understanding the importance of such applications in the agricultural industry.

Prerequisites: MAT 170.

Lecture Hours: 2

Lab/Clinical Hours: 3

AGR 212 Advanced Animal Science 4 SHC

This course is an advanced study of animal science principles used in modern animal agricultural production. Labs will examine principles and techniques used in handling, feeding, welfare, processing, breeding and housing of animals in modern agricultural production.

Prerequisites: AGR 203.

Lecture Hours: 3

Lab/Clinical Hours: 3