

# Agriculture

Suggested Course of Study for University Transfer Students (64-67 Credit Hours)

Freshman Year	Sophomore Year
AGRI (9 Credit Hours)*	AGRI (9 Credit Hours)*
AGRI 1309	ECON 2302
ENGL 1301	GOVT 2305
ENGL 1302	GOVT 2306
HIST 1301	Lab Science (8 Credit Hours)***
HIST 1302	Literature (3-6 Credit Hours)**
MATH 1314	SPCH 1315 or 1321
PHED 1134	Visual/Fine Arts (3 Credit Hours)
PHED Activity (1 Credit Hour)	

\* Assigned by Agriculture Advisor.

\*\* Twelve semester hours of English are required for the Associate of Arts degree; nine semester hours of English are required for the Associate of Science degree.

\*\*\* Recommended: BIOL 1406 & 1407 or CHEM 1411 & 1412.

Note: Completion of the Field of Study may require an additional term(s).

<b>AGRI 1131</b>	<b>The Agricultural Industry</b>	<b>1.1.0</b>
	An overview of Agriculture: orientation, career guidance, and current trends	
<b>AGRI 1309</b>	<b>Computers in Agriculture</b>	<b>3.2.2</b>
	Use of computers in agricultural applications. Introduction to programming languages, word processing, electronic spreadsheets and agricultural software.	
<b>AGRI 1311</b>	<b>Introductory Dairy Science</b>	<b>3.2.3</b>
	A study of dairy breeds, the secretion of milk, composition of milk, sanitary handling of milk, and its products, and the food value of milk products. Laboratory work in testing milk for butterfat adulteration and bacteria, and in inspecting dairies and milk plants. Fee charged.	
<b>AGRI 1325</b>	<b>Marketing of Agricultural Products</b>	<b>3.3.0</b>
	Operations in movement of agricultural commodities from producer to consumer. Essential marketing functions of buying, selling, transporting, storing, financing, standardizing, pricing and risk bearing. Prerequisites: A basic economics or agricultural economic course. Special consideration may be given with the approval of the instructor.	
<b>AGRI 1329</b>	<b>Science of Food and Agriculture</b>	<b>3.3.0</b>
	Technological and scientific aspects of modern industrial food supply systems.	

Food classification, modern processing and quality control.

- AGRI 1407 Introduction to Agronomy** 4.3.3  
Principles and practices in development, production and management of field crops; plant breeding; plant diseases; soils; and insect and weed control.
- AGRI 1413 Plant Protection** 4.3.3  
The principles and practices of controlling and preventing economic loss caused by plant pests and related environmental protection measures. Includes instruction in entomology, plant pathology, weed science, crop science and environment toxicology. Fee charged.
- AGRI 1415 Horticulture** 4.3.3  
An introductory course in horticulture including the fundamental principles and practices of home and commercial orcharding and vegetable gardening. Emphasis on such factors as soil, site, varieties, propagation, fertilizers, insect and disease control, gardening and marketing. Fee charged.
- AGRI 1419 Basic Animal Science** 4.3.3  
The importance of livestock farming in the United States and in Texas: types, breeds, market classes and grades of stock, feeding, management and exhibition of livestock. Laboratory work in scoring and judging typical animals. Fee charged.
- AGRI 2317 Intro to Agriculture Economics** 3.3.0  
A general introductory course covering all the operations involved in the movement of agricultural commodities from the farmer to the final consumer including a detailed study of the essential marketing system.
- AGRI 2321 Livestock Evaluation** 3.2.3  
Selection, evaluation and classification of livestock and livestock products. Fee charged.
- AGRI 2322 Livestock Evaluation II** 3.2.3  
Selection, evaluation and classification of livestock and livestock products. Fee charged.
- AGRI 2330 Wildlife Conservation & Management** 3.2.3  
Principles and practices used in the production and improvement of wildlife resources. Aesthetic, ecological and recreational uses of public and private lands.
- AGRI 2403 Agricultural Construction** 4.3.4  
Woodwork; selection, use and maintenance of hand and power tools; arc and oxy-acetylene welding; construction materials and principles. Fee charged.