

# ASSOCIATE DIPLOMA IN AGRICULTURE

This program provides a practical, skills-oriented approach to agricultural production systems and affords its students an opportunity to improve their business and managerial skills. Diploma in Agriculture students integrate practical experience in agricultural production with the technical and scientific information that is required to successfully operate modern food production enterprises. Business management, computer skills, and problem solving activities provide students with the abilities they require as self-employed managers of production systems, and as technical/sales employees of agri-business firms, commodity boards, and other agencies related to the agri-food system.

## Areas of Study

- Agri-business Management
- Animal Production
- Field and Horticultural Crop Production

## Required Courses

Code	Title	Credits
<b>Semester 1 - Fall</b>		
DAGR*1000	Livestock Systems	0.50
DAGR*1070	Introduction to Business Management	0.50
DAGR*1090	Communications & Software Applications I	0.50
DAGR*1200	Applied Plant Science	0.50
DAGR*1300	Soil Principles	0.50
DAGR*1600	Applied Mathematics	0.50
<b>Semester 2 - Winter</b>		
DAGR*1350	Agricultural Mechanization and Safety	0.50
DAGR*2020	Financial Management	0.50
DAGR*2090	Communications & Software Applications II	0.50
DAGR*2210	Applied Weed Science	0.50
1.00 restricted electives		1.00
<b>Semester 3 - Fall</b>		
DAGR*3070	Introduction to Agricultural Economics & Marketing	0.50
DAGR*3200	Corn and Oilseed Management	0.50
DENM*3150	Agriculture and Environmental Stewardship	0.50
1.50 electives or restricted electives		1.50
<b>Semester 4 - Winter</b>		
DAGR*4600	Human Resource Management	0.50
2.50 electives or restricted electives		2.50

## Restricted Electives

Students must take a total of at least 3.00 restricted electives from the following five lists:

Some restricted elective courses require prerequisites. Students should check the course descriptions for prerequisite requirements and consult with their program advisor when planning their program.

Code	Title	Credits
1. Select at least 0.50 credits of the following:		
DAGR*4610	Business Project	0.50
DAGR*4650	Farm Analysis Project	0.50
2. Select at least 0.50 credits of the following:		
DAGR*3080	Marketing	0.50
DAGR*3130	Sales and Sales Management	0.50
DAGR*4100	Commodity Marketing	0.50
3. Livestock Production		
DAGR*2000	Animal Science	0.50
DAGR*3000	Beef Production	0.50
DAGR*3040	Pork Production	0.50
DAGR*3370	Dairy Production Management	0.50
DAGR*4010	Animal Health	0.50
DAGR*4020	Poultry Production	0.50
DAGR*4040	Small Ruminant Production	0.50
DAGR*4180	Dairy Herd Management	0.50
DAGR*4190	Ruminant Nutrition	0.50
DAGR*4370	Advanced Topics in Dairy Production	0.50
4. Plant Production		
DAGR*2200	Cereal and Forage Management	0.50
DAGR*3210	Insect and Disease Management	0.50
DAGR*3250	Fruit Production	0.50
DAGR*3260	Vegetable Production	0.50
DAGR*4200	Cropping Systems	0.50
DAGR*4210	Crop Diagnostics and Recommendations	0.50
DHRT*2000	Greenhouse Management	0.50
DHRT*2200	Plant Propagation	0.50
DHRT*4190	Greenhouse Vegetable Production	0.50
5. General Agriculture		
DAGR*2150	Precision Agriculture	0.50
DAGR*2220	Viticulture and Oenology	0.50
DAGR*2360	Machinery Maintenance	0.50
DAGR*4090	Leadership	0.50
DAGR*4150	Renewable Energy and Agriculture	0.50
DAGR*4220	Organic Production	0.50
DAGR*4350	Farm Structures and Environment	0.50
DENM*4210	Nutrient Management	0.50

## Elective Experiential Learning Courses

Students may take a maximum of 1.00 credits from the following experiential learning courses as electives.

Code	Title	Credits
DAGR*2170	Introduction to US Agriculture	0.00
DAGR*2180	Belize Study Tour	0.50
DAGR*3170	US Agriculture Study Tour	0.50
DAGR*3180	Dairy Study Tour	0.50
DAGR*3510	Experiential Learning in Agriculture	0.50
DAGR*3900	Special Project	0.50