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

Requirements

Code	Title	Credits
Semester 1 - Fall		
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
Semester 2 - Winter		
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
Select 1.00 credits from the following:		
DAGR*2000	Animal Science	0.50
DAGR*2170	Introduction to US Agriculture [1]	0.00
DAGR*2180	Belize Study Tour [1]	0.50
DAGR*2200	Cereal and Forage Management	0.50
DAGR*2220	Viticulture and Oenology	0.50
Semester 3 - Fall		
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
Select 1.50 credits from the following:		
DAGR*2150	Site-Specific Crop Management	0.50
DAGR*2360	Machinery Maintenance	0.50
DAGR*3000	Beef Production	0.50
DAGR*3040	Pork Production	0.50
DAGR*3170	US Agriculture Study Tour [1]	0.50
DAGR*3180	Dairy Study Tour [1]	0.50
DAGR*3210	Insect and Disease Management	0.50
DAGR*3250	Fruit Production	0.50
DAGR*3260	Vegetable Production	0.50
DAGR*3370	Dairy Production Management	0.50
DAGR*4040	Small Ruminant Production	0.50
DAGR*4180	Dairy Herd Management	0.50
Semester 4 - Winter		
DAGR*4600	Human Resource Management	0.50
DAGR*3080	Marketing	0.50
or DAGR*3130	Sales and Sales Management	
or DAGR*4100	Commodity Marketing	
DAGR*4610	Business Project	0.50
or DAGR*4650	Farm Analysis Project	
Select 1.50 credits from the following:		
DAGR*4010	Animal Health	0.50
DAGR*4020	Poultry Production	0.50
DAGR*4090	Leadership	0.50
DAGR*4150	Renewable Energy and Agriculture	0.50
DAGR*4180	Dairy Herd Management	0.50
DAGR*4190	Ruminant Nutrition	0.50
DAGR*4200	Cropping Systems	0.50
DAGR*4210	Crop Diagnostics and Recommendations	0.50
DAGR*4220	Organic Production	0.50
DAGR*4350	Farm Structures and Environment	0.50
DAGR*4370	Advanced Topics in Dairy Production	0.50

[1]   A maximum of 1.00 credits may be taken in courses marked with superscript.

Co-op Requirements

The Associate Diploma in Agriculture combines hands-on experiences in agricultural production with the technical and practical skills required to successfully operate a farm or work in agribusiness. As a student you will learn about the science, technology, and business of agriculture. Students can tailor their studies to the areas of agribusiness, crop, livestock, fruit and/or vegetable production. Students in this program learn professional skills in problem solving and teamwork by analyzing current industry issues and learning how to solve them. There are opportunities to gain additional certifications, such as the Grower Pesticide Safety Course, which can be completed within the course of studies.

The Co-op option integrates academic learning with a period of paid workplace learning in a field relevant to the student's academic and personal/professional goals. The co-op work term is scheduled after the second academic semester, providing a foundation on which to build the work experience. The work term is developed in collaboration with the employer and is approved by the institution as a suitable learning environment. Students participate in a competitive employment process to secure an approved co-op work term that is relevant to the student's area of study. COOP*1120 Introduction to Co-operative Education, a mandatory, non-credit course, is a prerequisite for the co-op work term and prepares the student for the employment process. The student's performance in the workplace is supervised and evaluated by the student's employer. The student's progress during the work term is also monitored by the Experiential Learning Hub (EL Hub), which may include a site visit during the co-op work term and a review of the student's official learning goals. A work report is required for the co-op work term

and is graded by an assigned Co-op Faculty Advisor. All evaluation grades will appear on the student's official transcript.

Students must follow the academic work schedule as outlined below (also found on the Co-operative Education website: https://www.recruitguelph.ca/cecs/).

Academic and Co-op Work Term Schedule

Year	Fall	Winter	Summer
1	Academic Semester 1 COOP*1120	Academic Semester 2	COOP*1020 Work Term 1
2	Academic Semester 3	Academic Semester 4	

Please refer to the Co-operative Education program policy with respect to work term performance grading, work term report grading and program completion requirements.

For additional program information students should consult with their Co-op Co-ordinator and Co-op Faculty Advisor, listed on the Co-operative Education web site.

Credit Summary

This Diploma program will require the completion of 12.50 credits:

Code	Title	Credits
Required Core Courses		8.00
Electives		4.00
Co-op Work Terms		0.50
Total Credits		**12.5**

Recommended Program Sequence

Code	Title	Credits
Semester 1 - Fall		
COOP*1120	Introduction to Co-operative Education	0.00
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
Semester 2 - Winter		
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
Select 1.00 credits from the following:		
DAGR*2000	Animal Science	0.50
DAGR*2170	Introduction to US Agriculture [1]	0.00
DAGR*2180	Belize Study Tour	0.50
DAGR*2200	Cereal and Forage Management	0.50
DAGR*2220	Viticulture and Oenology	0.50
Summer Semester		
COOP*1020	Co-op Work Term I	0.50
Semester 3 - Fall		

Code	Title	Credits
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
Select 1.50 credits from the following:		
DAGR*2150	Site-Specific Crop Management	0.50
DAGR*2360	Machinery Maintenance	0.50
DAGR*3000	Beef Production	0.50
DAGR*3040	Pork Production	0.50
DAGR*3170	US Agriculture Study Tour [1]	0.50
DAGR*3180	Dairy Study Tour [1]	0.50
DAGR*3210	Insect and Disease Management	0.50
DAGR*3250	Fruit Production	0.50
DAGR*3260	Vegetable Production	0.50
DAGR*3370	Dairy Production Management	0.50
DAGR*4040	Small Ruminant Production	0.50
DAGR*4180	Dairy Herd Management	0.50
Semester 4 - Winter		
DAGR*4600	Human Resource Management	0.50
DAGR*3080	Marketing	0.50
or DAGR*3130	Sales and Sales Management	
or DAGR*4100	Commodity Marketing	
DAGR*4610	Business Project	0.50
or DAGR*4650	Farm Analysis Project	
Select 1.50 credits from the following:		
DAGR*4010	Animal Health	0.50
DAGR*4020	Poultry Production	0.50
DAGR*4090	Leadership	0.50
DAGR*4150	Renewable Energy and Agriculture	0.50
DAGR*4180	Dairy Herd Management	0.50
DAGR*4190	Ruminant Nutrition	0.50
DAGR*4200	Cropping Systems	0.50
DAGR*4210	Crop Diagnostics and Recommendations	0.50
DAGR*4220	Organic Production	0.50
DAGR*4350	Farm Structures and Environment	0.50
DAGR*4370	Advanced Topics in Dairy Production	0.50

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