

# AGRICULTURE DIPLOMA (DAGR)

## **DAGR 0410 Skills for Agricultural Communication and Decision Making 4 cr**

(Lab required) A course designed to improve critical thinking and abilities in written and oral communication to support student success in their academic careers and as agricultural industry professionals.

## **DAGR 0430 Crop Production Specialization and Innovation 4 cr**

(Lab required) Tools and research to support sound agronomic decision-making for production of cereals, oilseeds, pulses and upcoming innovative special crops in Manitoba. The course will emphasize assessing the potential of incorporating innovative and specialized crops to achieve economical and ecological benefits. The course will address planning, production and harvesting of special crops as well as product quality, opportunities for processing and marketing. May not be held with the former PLNT 0760.

**PR/CR: A minimum grade of C is required unless otherwise indicated.**

Prerequisite: PLNT 0410 or the former DAGR 0420. Pre- or corequisite: DAGR 0490.

**Equiv To:** PLNT 0760

## **DAGR 0480 Introductory Farm Management 3 cr**

Students will be introduced to the various roles that are carried out by farm managers. Students will be required to attend interview sessions outside of scheduled classes with an assigned Farm Management Advisor. The Advisor will support students as they apply their management skills and knowledge to a real farm business or a case farm. There will be one full day field trip. May not be held with the former DAGR 0680.

**Mutually Exclusive:** DAGR 0680

## **DAGR 0490 Applied Farm Management 3 cr**

An introduction to an objectives-driven plan that deals with production and financial management. Students will generate and analyze enterprise budgets and financial statements. Students will be required to attend interview sessions outside of scheduled classes with an assigned Farm Management Advisor. The Advisor will support students as they apply their management skills and knowledge to a real farm business or a case farm. There will be three full day field trips. May not be held with the former DAGR 0680.

**PR/CR: A minimum grade of C is required unless otherwise indicated.**

Prerequisites: DAGR 0480 and ABIZ 0460. Pre or Co-requisite: ABIZ 0470 and DAGR 0430 (or the former PLNT 0760).

**Mutually Exclusive:** DAGR 0680

## **DAGR 0510 Farm Management Practicum 3 cr**

Students will have the opportunity for practical hands-on experience and to apply the knowledge they have acquired to intensify study of livestock or crop production management. May not be held with DAGR 0630 when titled "Glenlea."

**PR/CR: A minimum grade of C is required unless otherwise indicated.**

Prerequisite: Consent of the Director of the School of Agriculture.

## **DAGR 0540 Exploring New Opportunities in Adding On-Farm Value 4 cr**

(Lab required) A practical study of the opportunities for farm operators to increase value return for farm products with innovative approaches to production, processing and marketing. Students will learn from case studies the challenges and realities of value chain integration. Students will develop their ability to critically evaluate business plans for farm product enterprises.

**PR/CR: A minimum grade of C is required unless otherwise indicated.**

Prerequisites: ABIZ 0460 and DAGR 0480. Pre- or corequisites: ABIZ 0470 and DAGR 0490.

## **DAGR 0610 Advanced Communication and Leadership 3 cr**

A course designed to improve leadership potential and develop advanced communication skills for agricultural industry professionals.

**PR/CR: A minimum grade of C is required unless otherwise indicated.**

Prerequisite: DAGR 0410.

## **DAGR 0630 Special Project 3 cr**

This project allows a student to make practical application of scientific knowledge acquired and/or to intensify the study of a topic of particular interest. A satisfactory report is required to qualify for credit.

**PR/CR: A minimum grade of C is required unless otherwise indicated.**

Prerequisite: Consent of the Director of the School of Agriculture.

## **DAGR 0660 Special Topics in General Agriculture 3 cr**

Selected topics of current interest in General Agriculture. The course content may vary. Students can earn multiple credits for this course only when the topic subtitle is different.

**PR/CR: A minimum grade of C is required unless otherwise indicated.**

Prerequisite: Written consent of Director of the School of Agriculture.

**Mutually Exclusive:** AGRI 2500, AGRI 2510, DAGR 0520, DAGR 0550

## **DAGR 0910 Integrated Sustainable Agri-Food Systems 3 cr**

The agri-food system encompasses how food is being produced, processed, transported, marketed and consumed. The three pillars of sustainability (economic, social and environmental) will be used to evaluate and improve agricultural sustainability, and will also be applied to the agri-food system (beyond production). Sustainable solutions are unique to each agricultural situation and require long-term thinking and evidence-based decision-making. Focus will be on the balance between food production practices and protecting the natural resources on which agriculture is reliant. There will be a full-day field trip.

**PR/CR: A minimum grade of C is required unless otherwise indicated.**

Pre- or corequisite: DAGR 0980.

## **DAGR 0920 Current Issues in Agriculture and Food 3 cr**

The course will present current day and potential future issues facing Canada's agri-food sector. Students will be required to identify and optimize solutions to these issues, with a focus on the roles and responsibilities of farmers, other food producers and agri-food industry members. The impact of these issues on farms and the agri-food industry now and in the future will be emphasized as will the role farmers can play in policy development in response to these issues. An opportunity for students to engage with several guest speakers from the agri-food community. There will be two or three full-day field trips. May not be held with DAGR 0690.

**PR/CR: A minimum grade of C is required unless otherwise indicated.**

Prerequisite: DAGR 0980.

**Mutually Exclusive:** DAGR 0690

**DAGR 0980 Farm Management Project 1 3 cr**

Development of a comprehensive objectives-driven plan that deals with production and financial management. Students will be required to attend interview sessions outside of scheduled classes with an assigned Farm Management Advisor. The Advisor will support students as they apply their management skills and knowledge to a real farm business or a case farm. There will be two full-day field trips. Additionally, students must submit a satisfactory set of financial and production records for the farm they will be basing their project on by July 15th in order to enter DAGR 0980. May not be held with the former DAGR 0690.

**PR/CR: A minimum grade of C is required unless otherwise indicated.**

Prerequisites: ABIZ 0470 and DAGR 0490. Pre- or corequisite: ABIZ 0450.

**Mutually Exclusive:** DAGR 0690

**DAGR 0990 Farm Management Project 2 3 cr**

Refinement of a comprehensive objectives-driven plan that deals with production and financial management. Students will be required to attend interview sessions outside of scheduled classes with an assigned Farm Management Advisor. The Advisor will support students as they apply their management skills and knowledge to a real farm business or a case farm. Students will present and defend their plan to a panel composed of academics and industry representatives. Students must submit a satisfactory set of current financial and production records for the farm they will be basing their project on to register. May not be held with the former DAGR 0690.

**PR/CR: A minimum grade of C is required unless otherwise indicated.**

Prerequisite: DAGR 0980 and ABIZ 0450.

**Mutually Exclusive:** DAGR 0690