

# AGRICULTURE ENTERPRISE MANAGEMENT (AEM)

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## **AEM-1150 Western Canada Livestock (3 Credits)**

An introduction to livestock production and marketing in western Canada. Includes common production concerns, product quality, consumer perception and marketing. Also includes comparison of interactions between food safety, consumer satisfaction, food processing, value added products, animal welfare, human health impacts, technology, as well as economic and environmental sustainability.

Instruction (3)

## **AEM-1160 Foundations of Agricultural Enterprise (3 Credits)**

An introduction to principles of agricultural enterprise, including the function, responsibilities, and roles of management. Practical approaches will be applied to achieve foundational skills.

Instruction (3)

## **AEM-1170 Western Canada Plants and Soils (3 Credits)**

Includes evaluation of current agricultural issues and challenges relating to crop production in western Canada. Includes interactions between soil types, cropping rotations, production requirements, production quality, consumer perception, alternative and value added production methods, marketing opportunities and the economic and environmental sustainability of such interactions.

Instruction (3)

## **AEM-2250 Legal Aspects of Agriculture (3 Credits)**

An exploration of legal issues and frameworks within agricultural enterprises. Includes regulation of land and water use, Indigenous land rights and agricultural practices, ownership and succession planning in conjunction with business modelling and decision making. Comprehensive analysis of legal frameworks will provide a guided approach to navigating legalities within agricultural enterprises.

Instruction (3)

## **AEM-2260 Sustainable Agricultural Management (3 Credits)**

A focus on the ecological, social and economic impacts of agriculture. Includes influences of community, national and international approaches to sustainable agricultural management, as well as planning and decision-making regarding methods of food production for livestock and grains. Examination of historical processes and contemporary methods of agriculture will provide opportunities to understand how sustainable agriculture contributes to improved ecological systems, strengthens social connections, and contributes to national and international economies.

Instruction (3)

## **AEM-2270 Canadian and World Agriculture (3 Credits)**

An examination of domestic and international agriculture with a focus on the role of Canadian agriculture within a global context. Agriculture policies, concessions and trade barriers, market stabilization and international price determination will be explored to further define the international role of Canadian agriculture.

Instruction (3)

Equivalent to AGS-2250.

## **AEM-2280 Agricultural Policy (3 Credits)**

An analysis of the policies involved in agricultural enterprises. Includes economic principles, national and international trade agreements, land tenure, water management, livestock and grain policies, as well as policies related to agricultural marketing boards. Aspects of risk, trade, innovation, and development of provincial, federal, and international policy-based initiatives will be examined.

Instruction (3)

Equivalent to AGS-2251.

Requisite courses: Take ECN-1180 (Required, Previous).