Agriculture and Agri-Food Canada

General education courses are offered in the following areas:

- Agriculture
- Food Science
- Environmental Science
- Natural Resources Management
- Sustainability
- Policy and Regulation
- Business and Economics

Courses are offered at various levels, including undergraduate and graduate, and are designed to provide students with a foundation in agriculture and agri-food systems. Courses cover topics such as crop production, animal science, soil science, environmental science, and policy. Students can choose from a range of courses that cater to their interests and career goals.

For more information on course offerings and requirements, please refer to the Agriculture and Agri-Food Canada's website or contact your local educational institution.

Note: The information provided is for general guidance and may be subject to change. Always consult the latest course catalog or academic advisor for the most accurate and up-to-date information.
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Sem. hrs. of credit

Prereq.: ANSC 3033. 1 hr. lecture; 4 hrs. lab

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Prereq.: consent of department head. May be taken for a max. of 6 hrs.

3050 Companion Animal Health Maintenance and Disease (3) F Prereq.: ANSC 2060, BIOL 1201 and 1202, VET 1000. Basic disease pro

diagnostics, diagnostic tests and tools used in animal health professions, etiology, clinical findings, diagnosis, prevention and treatment of common animal diseases and disorders, zoonotic disease transmission, and prevention.

3070 Small Animal Anatomy and Physiology (3) S Prereq.: ANSC 1011. Anatomy and physiology of small companion animals and exotic species.

4001 Parasite Effects on Animal Performance (2) F Prereq.: ANSC 4450, 1 hr. lecture, 2 hrs. lab. Endo- and ecto-parasites that affect performance of domestic animals and birds.

4009 Animal Nutrition (3) F Prereq.: CHEM 2060 or equivalent. Basic principles of nutrition including chemical composition of feedstuffs, digestion, metabolism, and functions and values of nutrients.

4018 Principles of Animal Genetics (4) F Prereq.: DARY 2072 or BIOL 2153 and EXST 2201; or equivalent. 3 hrs. lecture; 2 hrs. lab. Concepts of animal breeding and genetics as they relate to farm livestock.

4040 Quality Assurance in the Food Industry (4) S See DARY 4044.

4045 Reproductive Physiology of Farm Animals (3) See DARY 4045.

4050 Animal Biotechnology (3) F Prereq.: at least 8 hrs. of biological sciences; orig. and animal bio-
technology; development of methods to increase the efficiency of growth, reproduction, and lactation; improvement of resistance to diseases and parasites in farm animals.

4060 Contemporary Issues in the Animal Sciences (3) Prereq.: ANSC 1011 or equivalent. Discussion and evaluation of contemporary issues and policies related to animal biology and agriculture; development of reasoning and interpersonal skills; preparation of subject matter for distribution to the public.

4081 Swine Production (3) S-E Prereq.: credit or registration in ANSC 4009 or DARY 3010 or equivalent. 2 hrs. lecture; 2 hrs. lab. General care of swine. Aims at the origin, growth, and spread of metalworking, rise of ancient civilizations, and development of the modern world.

2015 Introduction to Archaeology (3) Archaeological goals, methods, techniques, and interpretations; particular periods and cultural developments or projects; relationships of archaeology with other social, life, and earth sciences.

2016 Field Methods in Archaeology (3-6) Prereq.: ANTH 2015 or equivalent. May be taken for a max. of 6 sem. hrs. of credit. Techniques of survey, mapping, excavation, and recording; participation in one or more archaeological excavations.

2050 World Archaeology (3) Survey of human culture history from the stone age to the present; spread of human culture around the globe; major cultural developments including hunting and gathering, origins of agriculture, discovery and spread of metallurgy, rise of ancient civilizations, and development of the modern world.

1001 Introduction to Physical Anthropology and Prehistory (3) Origin and evolution of people; evolution and its physiological bases; human prehistory; human diversity and the development of human culture through the rise of civilization.

1003 Introduction to Cultural and Social Anthropology (3) The cultural values of human communities; factors influencing social organization, subsistence patterns, economics, law, politics, religion, language, and other institutions of culture variously cross-cultural perspective.

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