

POPULATION MEDICINE (POPM)

POPM*3240 Epidemiology Fall and Winter (LEC: 3) [0.50]

The course examines the basic concepts of health and disease in populations. Methods used in descriptive and analytic epidemiological studies, including the design, analysis and interpretation of results for observational studies and field trials are presented.

Offering(s): Also offered through Distance Education format.

Prerequisite(s): (BIOL*1080 or BIOL*1090), STAT*2040

Restriction(s): This is a Priority Access Course. Some restrictions may apply during some time periods. Please see the Department of Population Medicine website for more information.

Department(s): Department of Population Medicine

Location(s): Guelph

POPM*4040 Epidemiology of Food-borne Diseases Fall Only (LEC: 3) [0.50]

This course examines the epidemiology and prevention of food-borne infections and intoxications, including those of both microbiological and chemical origin. Drawing on outbreak investigations, surveys, risk assessments, government surveillance systems and basic research, the biological, ecological, socio-economic and public health context of these diseases will be discussed.

Prerequisite(s): 1 of FOOD*3230, POPM*3240

Restriction(s): FOOD*4210

Department(s): Department of Population Medicine

Location(s): Guelph

POPM*4230 Animal Health Fall Only (LEC: 3) [0.50]

This course examines the causes and effects of important diseases of food animals in Canada, with a focus on dairy cattle. Elements of physiology, epidemiology, microbiology, nutrition, and production management are integrated into a health management approach emphasizing disease prevention. The course is directed at senior undergraduate students with interest in and knowledge of, food animal production agriculture.

Offering(s): Offered in-class in even-numbered years. Offered Distance Education format in odd-numbered years.

Prerequisite(s): ANSC*2340 or ANSC*3080

Restriction(s): This is a Priority Access Course. Enrolment may be restricted to particular programs or specializations or semester levels during certain periods. See the departmental website for more information.

Department(s): Department of Population Medicine

Location(s): Guelph