

# PATHOLOGY (PATH)

---

## **PATH\*3040 Principles of Parasitology Winter Only (LEC: 3, LAB: 3) [0.50]**

Parasitism is the most common biological association on the planet; virtually all organisms are parasitized by numerous parasites and many, such as the protists that cause malaria, are responsible for serious medical and/or veterinary diseases. This course will provide an in depth introduction to parasites and parasitism by exploring common protists, helminths and arthropods that infect animals and humans globally. The nature of parasitism will be explored by examining the development and transmission of many common parasitic agents, including their pathogenesis, zoonotic potential, diagnosis and treatment options.

**Prerequisite(s):** 10.00 credits including at least 1.50 credits in biology.

**Department(s):** Department of Pathobiology

**Location(s):** Guelph

## **PATH\*3610 Principles of Disease Summer, Fall, and Winter (LEC: 3) [0.50]**

A course designed for students with particular interests in nutrition and biology. The course presents basic concepts of disease in the cells, tissues, organs and fluids of the body. Emphasis will be on disease processes resulting from physical, toxic and microbiological and other causes.

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

**Prerequisite(s):** 1.50 credits in biology

**Restriction(s):** PATH\*3600

**Department(s):** Department of Pathobiology

**Location(s):** Guelph

## **PATH\*4100 Diseases of Aquatic Animals Fall Only (LEC: 2, LAB: 2) [0.50]**

A course designed to familiarize the fisheries manager, researcher or veterinarian with the basic principles of diagnosis, prevention, and control of disease of free living and captive aquatic animals, with emphasis on fish.

**Offering(s):** Offered in odd-numbered years.

**Prerequisite(s):** PATH\*3610

**Department(s):** Department of Pathobiology

**Location(s):** Guelph