

# **Mycology - 20373 - BIOL 415C - A01**

**Spring Term 2023**

## **Course Outline**

**Instructor:** **Dr. Paul de la Bastide** (pdelabas@uvic.ca)  
Office: Petch 055, Tel. (250) 721-7145  
Office hours are available by appointment

**Scheduled class time:** Tuesday, Wednesday & Friday from 12:30 pm – 1:20 pm

First lecture on Tuesday January 10<sup>th</sup> and last lecture on Wednesday, April 5<sup>th</sup>

**Reading Break:** Monday, February 20<sup>th</sup> until Friday, February 24<sup>th</sup>

**Location:** Lectures will be provided in person in Cunningham room 146

**Pre-requisites:** BIOL 215, BIOL 225, and BIOL 230

### **Welcome to Mycology! What is the course about?**

The course is designed to give you a better understanding of how different fungal taxa are related to one another, the importance of fungi to human activities, and a deeper appreciation for the role of fungi in human-modified and natural systems. We will begin with a series of lectures introducing you to the different taxa of fungi and how they differ in their growth, morphology and life strategies. We will then move on to a range of topics that include fungal genetics and mating systems, growth and biochemical processes, fungal plant pathology and the ecological roles of fungi.

The lectures will consider current research topics in mycology of general interest to the class. The course will also include short, individual presentations by students on a research paper and topic selected by the student, as well as a written critique of the published mycological research.

**Textbook:** There is no official text book for the course, although there may be assigned readings from the primary literature.

Lecture material will be posted on BrightSpace for all students. The primary source of course content will be the lecture material



**General regulations:**

Failure to complete at least 70 points of coursework (either midterm and final or all assignments and final)