

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

**Spring Term 2020**

## **Course Outline**

**Instructor:** Dr. Paul de la Bastide  
E-mail: [pdelabas@uvic.ca](mailto:pdelabas@uvic.ca)  
Office: Petch 055, Tel. (250) 721-7145  
Office hours by appointment

**Class time:** Tuesday, Wednesday & Friday from 11:30 am – 12:20 pm

Classes start Tuesday January 7<sup>th</sup> and will end on Friday April 3<sup>rd</sup>

**Location:** Cunningham (CUN) 146

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

### **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 role of fungi.

The lectures will consider current research topics in mycology of general interest to the class. The course will also include 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 outlines will be posted on CourseSpaces for you. I recommend that you bring the outline to class to add comments during lectures. The primary source of course information will be provided through the lecture material, as well as some assigned readings.

**Lecture Topics (including, but not limited to the following)**

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**General regulations:**

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

Please read the appropriate section of the current UVic Academic Calendar regarding your rights and obligations.

It is your responsibility to be aware of ADD/DROP dates published in the Calendar.

Course work and exams can be very stressful. You can reduce stress by avoiding last minute studying, reviewing course material every week, and discussing it with your classmates. Stay healthy, and talk to us if you have any concerns and questions. UVic Counselling Services is free and can help if you feel overwhelmed:

<https://www.uvic.ca/services/counselling/>

You are expected to observe UVic standards of scholarly integrity, especially with regards to plagiarism. See UVic's guidelines on how to avoid it:

<https://www.uvic.ca/library/research/citation/plagiarism/>

*UVic is committed to promoting, providing and protecting a supportive and safe learning and working environment for all of its members.*