

# **Mycology – 10395 - BIOL 415C - A01**

**Fall Term 2024**

## **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 Wednesday September 4<sup>th</sup> and last lecture on Wednesday, December 4<sup>th</sup>

**Reading Break:** Monday, November 11<sup>th</sup> to Wednesday, November 13<sup>th</sup>

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

**Pre-requisites required for students:** BIOL 215, BIOL 225, and BIOL 230

**Course Objectives:** Welcome to Mycology! The course will provide an introduction to fungal taxonomy, describe the importance of fungi to human activities, and provide an overview of the role of fungi in human-modified and natural ecosystems.

**Intended Learning Outcomes:** This course is an introduction to Mycology and will cover a range of topics. By the end of the course, students will have a broad knowledge of the following:

- Fungal taxonomy;
- Fungal morphology and development;
- Ecological strategies of fungi (e.g., pathogens, parasites, saprophytes and symbionts);
- Fungal genetics and mating systems;
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**Territorial Acknowledgement:** *We acknowledge and respect the L'k'w'ich'w' (Songhees and Esquimalt) Peoples on whose territory the university stands, and the L'k'w'ich'w' and WSÁNEĆ Peoples whose historical relationships with the land continue to this day.*

**Textbook and lecture material:** There is no official textbook for the course, although there may be assigned readings from the primary literature. Lectures will be posted on BrightSpace for all students. The primary source of course content

The course will include a written scientific critique of a published mycological research paper selected by each student and a fungal field-collection project. Details concerning the selection of a paper for the critique and the field collection assignment will be provided in advance, along with details of the written format and evaluation process.

|                             |     |
|-----------------------------|-----|
| Midterm Exam                | 30% |
| Written Scientific Critique |     |

reports or critiques (<https://www.uvic.ca/library/research/citation/plagiarism/>). And if you are still not clear on these details, I would be happy to discuss this further.

As well, please be aware of UVic policy on Academic Integrity found in the calendar: ([https://www.uvic.ca/calendar/undergrad/index.php#/policy/Sk\\_0xsM\\_V?bc=true&bcCurrent=08%20-%20Policy%20on%20Academic%20Integrity&bcGroup=Undergraduate%20Academic%20Regulations&bcItemType=policies](https://www.uvic.ca/calendar/undergrad/index.php#/policy/Sk_0xsM_V?bc=true&bcCurrent=08%20-%20Policy%20on%20Academic%20Integrity&bcGroup=Undergraduate%20Academic%20Regulations&bcItemType=policies))

## **UVic Services:**

### **Student Supports for Online Technology**

Learn Anywhere: <https://onlineacademiccommunity.uvic.ca/LearnAnywhere/>

**New Student Mental Health Supports** - In addition to providing both face to face and online mental health resources through our new Student Wellness Centre, a new 24x7 phone & online student mental health resource and support program is now available for all UVic students, no matter where they are located, at any time.

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

**Counselling Services** - Counselling Services can help you make the most of your university experience. They offer free professional, confidential, inclusive support to currently registered UVic students.

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

**Health Services** - University Health Services (UHS) provides a full-service primary health clinic for students and coordinates healthy student and campus initiatives. UVic Health has transitioned to offering services almost entirely by telehealth.

<http://www.uvic.ca/services/health/>

**Centre for Accessible Learning** - The CAL staff are available by appointment to assess specific needs, provide referrals and arrange appropriate accommodations.

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

**Elders' Voices** - The Office of Indigenous Academic and Community Engagement (IACE) has the privilege of assembling a group of Elders from local communities to guide students and others in Indigenous ways of knowing and being.

<https://www.uvic.ca/services/indigenous/students/programming/elders/index.php>

**Sexualized Violence Prevention and Response** - UVic takes sexualized violence