

BIOL 435 Learning Outcomes

At the end of this course, you should be able to:

1. contrast the features that distinguish fungi from plants, animals and bacteria
2. describe the phyla of fungi and their life histories
3. describe the characteristic morphology of a fungal mycelium and explain its pattern of differentiation with development
4. explain the links between fungal lifestyle and reproductive biology
5. explain the ecological roles and global importance of fungi as saprotrophs, symbionts, and sources of food, antibiotics, allergens and toxins
6. work safely with fungal cultures using sterile technique
7. critically read research articles about fungi; interpret and explain figures/tables from such articles
8. work effectively as part of a team and provide constructive feedback to team members
9. communicate effectively both in writing and orally