

# Module Outline

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## Tree Structure and Function

### **Course Description**

This module will focus on some aspects of tree growth, anatomy, and physiological function. Specifically, this module will present an overview of both form and structure of woody plants, physiological factors which govern growth, and unique challenges facing woody plants.

### **Prerequisites**

Introductory biology or plant science course

### **Format**

This module will be delivered in a series 3-hour lectures over 4 weeks (one per week). The first 2 weeks will be professor-driven, where prepared material will be presented via powerpoint or alternative methods. The final 2 weeks will be student-driven, where students will prepare short presentations on a specific area of interest under the umbrella of “tree structure and function”.

### **Evaluation**

20% participation

30% test

50% presentations & summary

### **Proposed Dates**

Proposed meetings would be Wednesdays 2-5, though times may be set according to student availability. Preference would be to offer in January or February.

### **Instructor**

Dr. Mason MacDonald

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