

# PLANT BIOLOGY (PLBIO)

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Courses primarily for graduate students, open to qualified undergraduates:

## **PLBIO 5130: Plant Metabolism**

(Cross-listed with GDCB 5130).

Credits: 2. Contact Hours: Lecture 2.

Photosynthesis, respiration, and other aspects of plant metabolism.

Offered even-numbered years. (Typically Offered: Fall)

## **PLBIO 5450: Plant Molecular, Cell and Developmental Biology**

(Cross-listed with MCDB 5450/ GDCB 5450).

Credits: 3. Contact Hours: Lecture 3.

Plant nuclear and organelle genomes; regulation of gene expression; hormone signaling; organization, function, and development of plant cells and subcellular structures; regulation of plant growth and development.

Offered odd-numbered years. (Typically Offered: Fall)

## **Courses for graduate students:**

### **PLBIO 6960: Research Seminar**

(Cross-listed with AGRON 6960/ BBMB 6960/ FOR 6960/ GDCB 6960/ HORT 6960).

Credits: 1. Contact Hours: Lecture 1.

Repeatable.

Research seminars by faculty and graduate students. Offered on a satisfactory-fail basis only. (Typically Offered: Fall, Spring)

### **PLBIO 6990: Research**

Credits: 1-30. Repeatable.