

# PLANT BIOLOGY (PLBIO)

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PLBIO 512: Plant Resource Acquisition and Utilization

4 Credits

Advanced study of plant resource acquisition and utilization considering molecular, physiological, and whole plant perspectives through lectures and problem solving.

PLBIO 513: Integrative Plant Communication and Growth

4 Credits

Advanced study of plant communication, growth, and development considering molecular, physiological, and whole plant perspectives through lectures and problem solving.

PLBIO 514: Modern Techniques and Concepts in Plant Ecophysiology

2 Credits

An intensive introduction to concepts of plant ecophysiology and modern techniques used in this field.

**Prerequisite:** BIOL 220W

Cross-listed with: HORT 514

PLBIO 515: Modern Techniques and Concepts in Plant Cell Biology

2 Credits

An intensive introduction to concepts of plant cell biology and modern techniques used in this field.

**Prerequisite:** introductory course in plant physiology

Cross-Listed

PLBIO 516: Modern Techniques and Concepts in Plant Molecular Biology

2 Credits

An intensive introduction to contemporary molecular biology methods as applied to the study of plants.

**Prerequisite:** general biology and plant physiology at the undergraduate level

Cross-Listed

PLBIO 590: Colloquium

1-3 Credits/Maximum of 3

Continuing seminars which consist of a series of individual lectures by faculty, students, or outside speakers.

PLBIO 596: Individual Studies

1-9 Credits/Maximum of 9

Creative projects, including nonthesis research, which are supervised on an individual basis and which fall outside the scope of formal courses.

PLBIO 600: Thesis Research

1-15 Credits/Maximum of 999

No description.

PLBIO 601: Ph.D. Dissertation Full-Time

0 Credits/Maximum of 999

No description.

PLBIO 610: Thesis Research Off Campus

1-15 Credits/Maximum of 999

No description.

PLBIO 611: Ph.D. Dissertation Part-Time

0 Credits/Maximum of 999

No description.