

PLANT BIOLOGY (PLBIO)

Any experimental courses offered by PLBIO can be found at:

registrar.iastate.edu/faculty-staff/courses/explistsings/ (<http://www.registrar.iastate.edu/faculty-staff/courses/explistsings/>)

Courses primarily for graduate students, open to qualified undergraduates:

PLBIO 513: Plant Metabolism

(Cross-listed with GDCB). (2-0) Cr. 2. Alt. F., offered even-numbered years.

Prereq: BIOL 330, PHYS 111, CHEM 331; one semester of biochemistry recommended

Photosynthesis, respiration, and other aspects of plant metabolism.

PLBIO 545: Plant Molecular, Cell and Developmental Biology

(Cross-listed with GDCB, MCDB). (3-0) Cr. 3. Alt. F., offered odd-numbered years.

Prereq: Biol 313, BIOL 314, BIOL 330 or BBMB 405

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.

Courses for graduate students:

PLBIO 696: Research Seminar

(Cross-listed with AGRON, BBMB, FOR, GDCB, HORT). Cr. 1. Repeatable.

F.S.

Research seminars by faculty and graduate students. Offered on a satisfactory-fail basis only.

PLBIO 699: Research

Cr. arr. Repeatable.