Plant Biology, B.S.
Major: 99-112 units
College of Biological Sciences
Graduation Requirements: Min. 180 units total, including 64 upper division units; Min. 2.0 GPA req. in major, depth, and cumulative
Residence Requirement: 35 of last 45 units must be completed at UC Davis
All major courses must be taken for a letter grade (excl. courses offered as P/NP)

Preparatory Requirements (56-66 units)

___ BIS 2ABC Biological Sciences
   ___ 5 BIS 2A (F, W, S)
   ___ 5 BIS 2B (F, W, S)
   ___ 5 BIS 2C (F, W, S)

___ CHE 2ABC General Chemistry
   (CHE 4ABC is also accepted)
   ___ 5 CHE 2A (F, W)
   ___ 5 CHE 2B (W, S)
   ___ 5 CHE 2C (F, S)

___ CHE 8AB or CHE 118ABC Organic Chemistry
   ___ 2 CHE 8A (F, S)
   ___ 4 CHE 8B (F, W)

   OR
   ___ 4 CHE 118A (F, W)
   ___ 4 CHE 118B (W, S)
   ___ 4 CHE 118C (F, S)

___ MAT 17ABC or MAT 21AB Calculus for Bio/Med
   ___ 4 MAT 17A or MAT 21A (F, W, S)
   ___ 4 MAT 17B or MAT 21B (F, W, S)
   ___ 4 MAT 17C (F, W, S)
   MAT 21C recommended if taking MAT 21 series

___ PHY 7ABC General Physics
   (PHY 9ABC is also accepted)
   ___ 4 PHY 7A (F, W, S)
   ___ 4 PHY 7B (F, W, S)
   ___ 4 PHY 7C (F, W, S)

Depth Requirements (43-46 units)

___ 4 STA 100 Applied Statistics for Bio. Sci. (F, W, S)
___ 4 BIS 101 Genes and Expression (F, W, S)
___ 3 BIS 102 Structure and Function of Biomolecules (F, W, S)
___ 3 BIS 103 Bioenergetics and Metabolism (F, W, S)
___ 3 BIS 105* Biomolecules and Metabolism (F, W, S)
   OR
___ 3 BIS 105* Biomolecules and Metabolism (F, W, S)
   *If do not take BIS 102 AND 103

___ 3 BIS 104 Cell Biology (F, W, S)
___ 5 PLB 105 Developmental Plant Anatomy (F)
___ 3 PLB 111 Plant Physiology (F)
___ 3 PLB 112 Plant Growth and Development (W)
___ 3 Research Internship: Choose PLB 92, 99, 189, 192, 199, or equivalent
___ 15 Restricted Elective Units
   Choose courses from ecology, evolution and diversity, plant genetics, plant physiology, and development and molecular biology—see approved course options in UCD catalog

For detailed course information such as course titles, descriptions, and prerequisites, please see the UC Davis General Catalog. For current course offerings, please use Schedule Builder. Please note course offerings and degree requirements are subject to change; please consult with a BASC advisor to ensure graduation requirements are fully met.