Biological Sciences, A.B. (2022-2023)
Major: 76-98 units
College of Biological Sciences
Graduation Requirements: 180 units, incl. 64 upper div. units; Min. 2.0 GPA req. in major, depth, and cumulative; 3 quarters of foreign lang.
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 (45-57)
__ BIS 2ABC Biological Sciences
  __ 5 BIS 2A (F, W, S)
  __ 5 BIS 2B (F, W, S)
  __ 5 BIS 2C (F, W, S)

__ CHE 2AB General Chemistry (CHE 4AB is also accepted)
  __ 5 CHE 2A (F, W)
  __ 5 CHE 2B (W, S)
  Recommended: 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 17AB 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)
  Recommended: MAT 17C (F, W, S)

__ PHY 1AB or PHY 7ABC Physics
  __ 3 PHY 1A (F, W)
  __ 3 PHY 1B (W, S)
  OR
  __ 4 PHY 7A (F, W, S)
  __ 4 PHY 7B (F, W, S)
  __ 4 PHY 7C (F, W, S)

Depth Requirements (31-41)
__ 4 STA 100 (F, W, S) or STA 013 (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)
  OR
__ 3 BIS 105* Biomolecules and Metabolism (F, W, S)
  *If do not take BIS 102 AND 103
__ 4 EVE 100 Introduction to Evolution (F, W, S)
__ 4 Ecology
  Choose one course from EVE 101 or ESP 100
__ 3 Microbiology
  Choose one course from MIC/MMG 102, 162 (W), or 170 (S)
__ 3-5 Animal Physiology, Behavior, or Development
  Choose one course from BIS 104, MCB 150, NPB 100, 101, 102, 107, or 141
__ 3-5 Plant Physiology or Development
  Choose one course from PLB 105, 111, 112, 113, 116, or 126
__ 3-5 Laboratory Requirement (Complete 1-2 courses for a total of six hours lab or field work per week—see approved 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.