Quantitative Biology and Bioinformatics Minor  
(2022-2023)
Total Units: 18-26
College of Biological Sciences
Graduation Requirements: Minimum 2.0 GPA in all required minor courses, Minimum 2.0 cumulative GPA
Residence Requirement: 35 of last 45 units must be completed at UC Davis

NOTE: Only one course used to satisfy a requirement for the minor may be applied toward a student’s major.

CORE COURSES
Choose 1 course from each of the 3 areas below.

___ 0-4 Programming: ECS 32A, 36A, or the equivalent*  
*The programming requirement may be satisfied by previous experience and therefore may not entail college course credit. Please see your minor advisor for this determination and its possible impact on your unit requirements for the minor.

___ 4 Quantitative Biology: BIS 107 (same as MAT 107) or MAT 124  
NOTE: BIS 107 (same as MAT 107) has a prerequisite of BIS/MAT 27A (preferred) or MAT 22A. MAT 124 has a prerequisite of MAT 27A & 27B (preferred) or MAT 22A & 22B.

___ 4 Bioinformatics: ECS 124 or 129  
NOTE: The prerequisites of ECS 124 and ECS 129 both include BIS 2A (preferred) or MCB 10.

QUANTITATIVE AND COMPUTATIONAL PREPARATION
Choose 1 course from the list below.

NOTE: BIS 107 (same as MAT 107) can only be used to fulfill either the Quantitative Biology Core requirement or the Quantitative and Computational Preparation requirement, not both.

RESTRICTED ELECTIVES
Choose at least 2 courses from the list below.

___ 5-10 BIM 102, 140, 141, 143, BIS 134, 180L, 181, 183, ESP 121*, EVE 102, 103, 104, 175, MCB 123, 143, 182, MIC or MMG 105, 117, NPB 166, 167, PLS 123, WFC 122*  
NOTE: Only one (*) course can be applied to restricted electives.

To view more details about this minor, including a minor description, restrictions, and advising information, please visit the Quantitative Biology and Bioinformatics Minor Catalog listing.

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.