

**Quantitative Biology and Bioinformatics Minor****(2021-2022)**

College of Biological Sciences

Graduation Requirements: 18-26 units, Minimum 2.0 GPA in all required minor courses, Minimum 2.0 cumulative GPA

Residency 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 ONE course from each of the three areas): 8-12 units****Programming:** ECS 32A, 36A, or the equivalent\*

Course \_\_\_\_\_ Units \_\_\_\_\_ Grade \_\_\_\_\_

*\*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.***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**

Course \_\_\_\_\_ Units \_\_\_\_\_ Grade \_\_\_\_\_

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

Course \_\_\_\_\_ Units \_\_\_\_\_ Grade \_\_\_\_\_

**QUANTITATIVE AND COMPUTATIONAL PREPARATION (Choose ONE course): 4 units**

BIM 105; BIS 107 (same as MAT 107); ECS 122A, 130, 165A, 171; MAT 128A, 128B, 128C, 135A; STA 101, 108, 130A, 131A, 141A

Course \_\_\_\_\_ Units \_\_\_\_\_ Grade \_\_\_\_\_

**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 TWO OR MORE courses): 5-10 units**BIM 102, 117, 140, 141, 143, 151; BIS 134, 180L, 181, 183; BIT 150; ESP 121\*; EVE 102, 103, 104, 175; MCB 123, 143, 182; MIC or MMG 105, 117; NPB 166, 167; PLS 123; WFC 122\* **Only one (\*) course can be applied to restricted electives.**

Course \_\_\_\_\_ Units \_\_\_\_\_ Grade \_\_\_\_\_

Course \_\_\_\_\_ Units \_\_\_\_\_ Grade \_\_\_\_\_

Course \_\_\_\_\_ Units \_\_\_\_\_ Grade \_\_\_\_\_

Total Units: \_\_\_\_\_

**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.*