

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.*