

**Quantitative Biology and Bioinformatics Minor****(2020-2021)**

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

**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/MAT 107 or MAT 124**NOTE: BIS/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

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

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

BIM 105; BIS/MAT 107; ECS 122A, 130, 171; MAT 128A, 128B, 128C, 135A; STA 101, 130A, 131A, 141A

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

**NOTE: BIS/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, 151; BIS 132, 134, 180L, 181, 183; BIT 150; ECS 165A; ESP 121\*; EVE 102, 103, 104, 175; MCB 123, 143, 182; MIC^ 105, 117; NPB 166, 167; WFC 122\* **Only one (\*) course can be applied to restricted electives.**

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

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

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

**NOTES:**

- 1) No more than two upper division courses from a single department may be taken in satisfaction of the minor requirements.
- 2) Only one course used to satisfy a requirement for the minor may be applied toward a student's major.

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

^NOTE: MIC courses are in the process of transitioning to MMG courses within 1 year.

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.