

Bioinformatics updated 05/20/19

Name: _____ UID: _____ Quarter: _____ Date: _____

Current Major: _____ Cumulative GPA: _____ Total Units completed*: _____

***If you are an L&S student with 150 units or more, you must meet with College Academic Counseling in Murphy Hall and get approval before applying for the minor.**

***Eligibility:* Good Standing & Completed 2 of the 4 Lower Division requirements with a C or better. At least 20 units must be unique to Bioinformatics and not counting towards any other major or minor. Supplement with Elective options below if necessary.**

Lower Division Requirements: 17-18 units

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|--|----------------------------|
| 1) CS 32 4 units OR Pic 10C 5 units | 3) Math 33A 4 units |
| 2) Lifesci 7A 5 units | 4) Math 61 4 units |

Upper division Requirements: 18 units minimum from the following requirements

- 1) **CS M184 2 units** - only offered once a year, check with CS dept: <http://www.seasoasa.ucla.edu/cs-tentative-offerings/>
- 2) **CS 180 4 units** (offered every quarter) **OR** **Math 182 4units** – [Offering vary check with the Math dept](#)

Please note that with Pic 10C credit, you meet the CS 32 requisite for CS 180, but that you will need to send your first and last name, UID, and 10 digit course number for the section you would like to add to CS counselors on Message Center:

[CS_CSE_Message_Center](#)

- 3) **2 courses 8 units** from
 - **CSM121** (Same as Chemistry CM160A) **4 units** (typically Fall Qtr)
 - **CS CM122** (Same as Chemistry CM160B) **4 units** (typically Spring Qtr)
 - **CS CM124** (Same as Human Genetics CM124) **4 units** (typically Winter Qtr)

4) **At least 1 bioinformatics Elective from the following list:** Requisites vary, please check catalog.
Faculty recommended electives in blue.

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|--|---|
| • Chem C100 5 units | • El Engr 102 4 units |
| • Chem 153B 4 units | • El Engr 141 4 units |
| • Com Sci CM186 5 units | • Human Genetics C144 4 units |
| • Com Sci CM121 4 units (highly recommended) | • MCD Bio 144 5 units |
| • Com Sci CM122 4 units (highly recommended) | • MCD Bio 172 5 units (seldom offered, check schedule of classes) |
| • Com Sci CM 124 4 units (highly recommended) | • MCD Bio 187AL 5 units |
| • Com Sci 170A 4 units | • MIMG 132 4 units |
| • C&S Bio CM187 2-4 units | • Phy Sci 125 4 units |
| • EEBio 135 4 units | • Stats 100A , El Engr 131A, C&EE 110, or Math 170A 4 units |
| | • Stats 100B 4 units |

Elective may not be fulfilling any of the requirements above. 8 units of either CS 194 or 199 or Bioinformatics 199 may apply as an elective by petition in Boelter Hall 6426. 4 units of 199 in your home department may also be petitioned. Student must maintain a minor GPA of 2.000 to graduate and no grades below a C-.