

Bioinformatics updated 04/12/17

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 3 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: 14 units

- 1) **CS 32 4 units** OR **Pic 10C 4units**
- 2) ***Life Sci 3 4 units** AND ****Life Sci 23L 2 units**
- 3) **Math 33A 4 units**

*Students may petition LS 7A for LS 3. **Students may also petition to waive LS 23L if you don't need the units to have at least 20 units only counting towards the minor.

Upper division Requirements: 18 units minimum from the following requirements

- 1) **CS M184 2 units** - Fall Quarter only
- 2) **CS 180 4 units** (requires Math 61 but offered every quarter) OR **Math 182 4units** - Offered once a year, 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 (cs.ugrads@seas.ucla.edu).

- 3) **2 courses 8 units** from
 - **CSM121** (Same as Chemistry CM160A) **4 units**
 - **CS CM122** (Same as Chemistry CM160B) **4 units**
 - **CS CM124** (Same as Human Genetics CM124) **4 units** - Spring Quarter only

Note: CS CM121 and CS CM122 can sometimes alternate from year to year and are only offered once a year in Fall or Winter Quarter.

At least 1 bioinformatics Elective from the following list: Requisites vary, please check catalog:

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

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. Student must maintain a minor GPA of 2.000 to graduate and not grades below a C-.