# Designated Emphasis in Biotechnology: 2023 Progress Report

Year in Graduate Program (1st, 2nd, 3rd…):

Campus Student ID Number:

Name (First, Middle Initial, Last):

UC Davis Email:

Department:

Graduate Group:

Major Professor/PI:

Proposed Thesis Completion Date:

Proposed Thesis Title:

**Graduate Studies Forms**

The DEB is a formal degree program and Graduate Studies forms must be filed with their office as you 1) enter the DE, 2) schedule your QE, 3) advance to candidacy/form your dissertation committee and 4) file for degree completion. The table below lists the four official forms you will file as a DEB student in order to receive the designation on your diploma/official transcripts. All four of these forms will be electronically signed by the DEB Faculty Chair, Prof. Abhaya Dandekar (cc Jacki at [jbalderama@ucdavis.edu](mailto:jbalderama@ucdavis.edu) on forms that need a signature). Please indicate which DE-related forms you have filed and when (ballpark estimate) you’ll plan to file the others. Forms may be found online here: <https://deb.ucdavis.edu/deb-program-forms> and at Grad Studies [https://grad.ucdavis.edu/financial-support/forms#](https://grad.ucdavis.edu/financial-support/forms). *(Note: the Advancement to Candidacy form varies across graduate programs and there are versions A, B and C. Work with your graduate program advisor to choose the correct form.)*

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| **Graduate Studies Forms** | **Quarter the Form was Filed w/Grad Studies** | **Estimated Quarter You Plan to File** |
| **GS323 DE Application** |  |  |
| **GS319 Qualifying Exam Application** |  |  |
| **GS320, 321 or 322 Advancement to Candidacy** |  |  |
| **GS324 DE Final Verification** |  |  |

**Required DEB Courses**

All DEB courses are described under the courses tab here: <https://deb.ucdavis.edu/>. The timing of the DEB282 internship course must be carefully planned and we recommend registering for that course during the fall quarter after the summer internship. It is possible to carry an “Incomplete” grade in that course over ~2-3 quarters and have it changed to a passing grade upon submission of a complete internship report (which may occur during a final “filing fee” quarter while dissertation-writing). See the internship webpage for more information on internship timing and options: <https://deb.ucdavis.edu/internships>. We also have an elective course, “MIC292 From Discovery to Product: An Introduction to Biotechnology at the Industrial Level” which is only offered every other Winter Quarter and may be substituted for one quarter of DEB/ECH294. **The next offering of MIC292 will be in WQ2022.**

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| **Required DEB Courses** | **Quarter(s) Completed w/ Passing Grade** | **Quarter(s) Planned** |
| **DEB 263** Biotechnology Fundamentals and Application. This core course is only offered in Winter Quarter and must be completed before the QE. |  |  |
| **DEB/ECH 294** Current Progress in Biotechnology - Friday Seminar. Please list all quarters taken to date - 3 quarters are required, or 2 quarters plus MIC 292. |  |  |
| **DEB 282** Internship**.** A ~3-6 month internship at a biotechnology company/professional organization/academic institution is required. Please contact Dr. Jamison-McClung to discuss your plans about a year before intending to intern. |  |  |
| **Bioethics Course or RCR Seminar Series** (ECH 289E, ABG 401, BIM 209, CLH 204, GGG 296)**.** See the bioethics course webpage for details <https://deb.ucdavis.edu/bioethics>. **\*Please indicate which course you took to satisfy this requirement or if you completed the RCR Seminar Series.** |  |  |

**Optional DEB Professional Development Events, Activities & Workshops**

DEB activities are described on the program website (<https://deb.ucdavis.edu/>). Events and outreach are described under the relevant tabs on the Biotech Program website (<https://biotech.ucdavis.edu/>). The types of events, outreach activities and professional development workshops on offer may vary from year-to-year, but common recurring options are listed below. If you have not participated in a particular event/activity/workshop and do not have current plans to do so, leave the space blank. Watch our DEB student listserv for announcement of special events, activities and workshops and make sure to include these items on your CV if you do choose to participate. We also recognize DEB volunteers in our annual newsletter.

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| **Optional DEB Professional Development** | **Quarter(s) Participated** | **Quarter(s) Planned** |
| **Fall Welcome Event (Fall Quarter)** |  |  |
| **Science Communication Workshop (Winter Quarter)** |  |  |
| **Internship Prep Workshop (Fall Quarter)** |  |  |
| **High School Student E-Mentoring (Fall and Winter Quarters)** |  |  |
| **Biotech Retreat - Attended, STEMTalk Oral Presentation or Poster Presentation (Winter Quarter)** |  |  |
| **Picnic Day Volunteer (Spring Quarter)** |  |  |
| **Teen Biotech Challenge Volunteer (Event or Contest Judging; Spring Quarter)** |  |  |
| **Lunchtime Chalk-Talk or Research Round-Up Talk (All Quarters)** |  |  |
| **High School Seminar and Campus Walking Tour (Winter and Spring Quarters)** |  |  |
| **Biotech Blogging** [**https://biotech.ucdavis.edu/blog**](https://biotech.ucdavis.edu/blog) **(All Quarters)** |  |  |
| **Biotech Leaders Advancing STEM Technologies Projects (All Quarters)** |  |  |
| **Other DEB/Biotech Program event, activity or workshop not listed (e.g. Science Policy Workshop – please describe):** |  |  |
| **Other DEB-affiliated campus event, activity or workshop not listed (e.g. Sheldon HS CLC research mentoring; ESTEME/STEM Squad; IFAL Science Says – please describe):** |  |  |

**Comments or Questions (Optional Response):**

Please let us know if there are any other academic highlights, items of interest or issues relevant to your degree progress that you would like to share or ask about. Dr. Jamison-McClung has “DEB office hours” on Tuesdays at 2pm if you would like to schedule a phone call. Other times are available, if needed.