2020-2021 Biotechnology B.A.

Lower Division Courses
To declare the Biotechnology major, students must have completed four of the following lower-division courses. All of the following lower division courses are required for the major.

- MATH 3 or math placement of 300 or higher
- CHEM 1A General Chemistry
- BIOL 20A Cell and Molecular Biology
- BME 105 Genetics in the Genomics Era
- BME 80G Bioethics in the 21st Century: Science, Business, and Society
- BME 108 The Human Genome
- ECE 80B Engineering Innovations for Medicine and Natural Sciences
- CHEM 1A
- BIOL 20A
- BME 105

Lower Division Courses
Complete all of the following courses.

- BME 20A
- BME 105 Genetics in the Genomics Era
- BME 110 Computational Biology Tools
- BME 160 (6 units) Research Programming in the Life Sciences
- ELWR and BIOL 20A
- BME 185 Technical Writing for Biomolecular Engineers
- BME 175 Entrepreneurship in Biotechnology

Upper Division Courses
Complete three of the following:

- BME 122H, BME 128*, BME 130, BME 132, BME 140, BME 177, BME 178*

*Classes have additional prerequisites not covered by the major requirements

Students may petition to have one upper-division biology or microbiology course count as an elective, but most such courses have prerequisites that are not required for the major.

1. _______________________
2. _______________________
3. _______________________

Exit Requirements
Exit requirements are expected to be completed by the end of a student's final quarter

1. Exit Portfolio:
2. Exit Survey
3. Exit Interview

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The Bachelor of Arts in Biotechnology is intended for students who plan to be involved in the biotechnology industry as writers, artists, ethicists, executives, sales force, regulators, lawyers, politicians, and other roles that require an understanding of the technology, but not the intensive training needed for technicians, research scientists, engineers, and bioinformaticians.

Student Name:

Adviser Name/Notes: