Articulation Agreement by Major

Effective during the 2022-2023 Academic Year

To: University of California, Santa Cruz 2022-2023 General Catalog, Quarter From: De Anza College 2022-2023 General Catalog, Quarter

Bioinformatics Minor

GENERAL INFORMATION FOR ALL MINORS

UC Santa Cruz students have the option to complete one or more minors, provided they complete all of the required coursework for the minor(s). The sponsoring department establishes the course requirements for a minor. The minor involves substantial work in the discipline and requires no fewer than 25 upper-division or graduate credits. The minor appears on the student's official transcript but not on the diploma.

Students do not apply for admission into a minor when applying to UC Santa Cruz. If interested in completing a minor, transfer students must contact the department sponsoring the minor after enrolling at UCSC.

BIOINFORMATICS MINOR

The bioinformatics minor is intended primarily for bioinformatics tool users who are majoring in a biological or chemical specialty. The bioinformatics minor is also appropriate for computer science or computer engineering majors who are considering graduate work in bioinformatics. The bioinformatics minor cannot be combined with the biomolecular engineering and bioinformatics major.

Please visit the department's website to learn more about this minor: https://www.soe.ucsc.edu/departments/biomolecular-engineering

PREPARATION FOR THE MINOR

BIOL 20A: Cell and Molecular Biology

CHEM 1A: General Chemistry

One of the following series:

MATH 19A: Calculus for Science, Engineering, and Mathematics **AND** MATH 19B: Calculus for Science, Engineering, and Mathematics

<u>OR</u>

MATH 11A: Calculus with Applications AND MATH 11B: Calculus with Applications

One of the following courses:

BME 80G/PHIL 80G: Bioethics in the 21st Century: Science, Business, and Society

BME 18: Scientific Principles of Life

PREPARATION FOR THE MINOR

BIOL 20A - Cell and Molecular Biology (5.00)

CHEM 1A - General Chemistry (5.00)

CHEM 1A - General Chemistry (5.00)

--- And --CHEM 1B - General Chemistry (5.00)

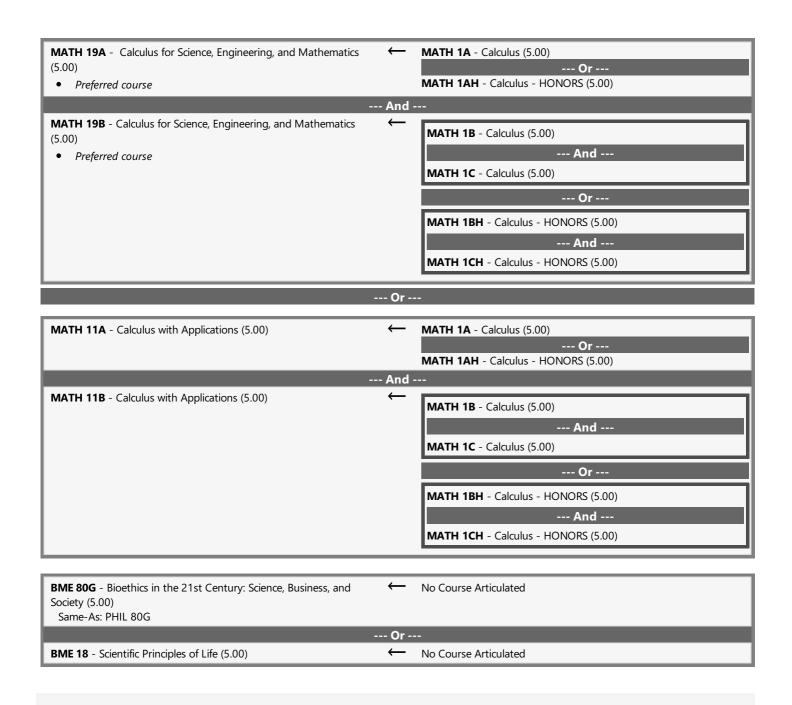
--- And --CHEM 1C - General Chemistry - HONORS (5.00)

--- And --CHEM 1BH - General Chemistry - HONORS (5.00)

--- And --CHEM 1BH - General Chemistry - HONORS (5.00)

--- And --CHEM 1BH - General Chemistry - HONORS (5.00)

--- And --CHEM 1CH - General Chemistry and Qualitative Analysis - HONORS (5.00)



END OF AGREEMENT