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

Earth Sciences, Ocean Sciences Concentration B.S.

GENERAL INFORMATION FOR ALL MAJORS

All transfer applicants must satisfy University of California admissions eligibility requirements as well as meet campus selection criteria. All admission requirements must be completed by the end of spring prior to transfer. For more information on UC admissions eligibility requirements and admission to UC Santa Cruz, please visit the Admissions website: https://admissions.ucsc.edu/attend-ucsc/transfer-students.

This articulation agreement lists course-to-course, sequence-to-sequence or requirement substitutions for preparation in the major. Transfer students are strongly encouraged to complete as many major preparatory courses as possible prior to enrolling at UCSC. Completion of all major preparatory courses is not an admissions requirement, but some majors require certain courses to be completed prior to transfer with a specified GPA, and completion or near completion of major preparatory courses will help students move more efficiently toward graduation after transfer.

UC Santa Cruz Advanced Placement (AP) and International Baccalaureate (IB) credit policies are detailed in the link below:

UC Santa Cruz AP/IB Chart 2022-2023

EARTH SCIENCES, OCEAN SCIENCES CONCENTRATION B.S.

Please visit the department's website to learn more about this major: https://eps.ucsc.edu

The Ocean Sciences concentration is intended to provide quantitative preparation for career pathways that include oceanography and biogeochemistry. Additional biology and chemistry courses are required for this concentration along with other distributions of upper-division requirements and electives.

PREPARATION FOR THE MAJOR

BIOE 20C: Ecology and Evolution

CHEM 1A: General Chemistry

CHEM 1B/1M: General Chemistry and General Chemistry Laboratory

CHEM 1C/1N: General Chemistry and General Chemistry Laboratory

PHYS 6A: Introductory Physics I AND PHYS 6L: Introductory Physics I Laboratory

PHYS 6B: Introductory Physics II AND PHYS 6M: Introductory Physics II Laboratory

One of the following options:

EART 5: California Geology AND EART 5L: California Geology Laboratory

EART 10: Geologic Principles AND EART 10L: Geologic Principles Laboratory

EART 20: Environmental Geology AND EART 20L: Environmental Geology Laboratory

One of the following options:

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

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

One of the following options:

MATH 22: Introduction to Calculus of Several Variables

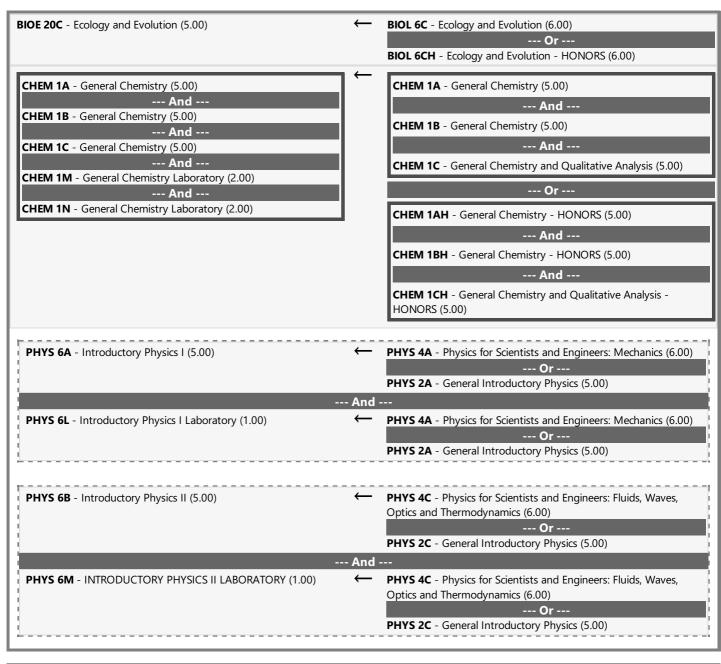
MATH 23A: Vector Calculus

EART 111: Mathematics in the Earth Sciences

THIS IS A NON-SCREENING MAJOR. While completion of specific major courses is not required prior to transfer, students are encouraged to complete as much of the lower-division major preparation as possible as this may affect time to degree.

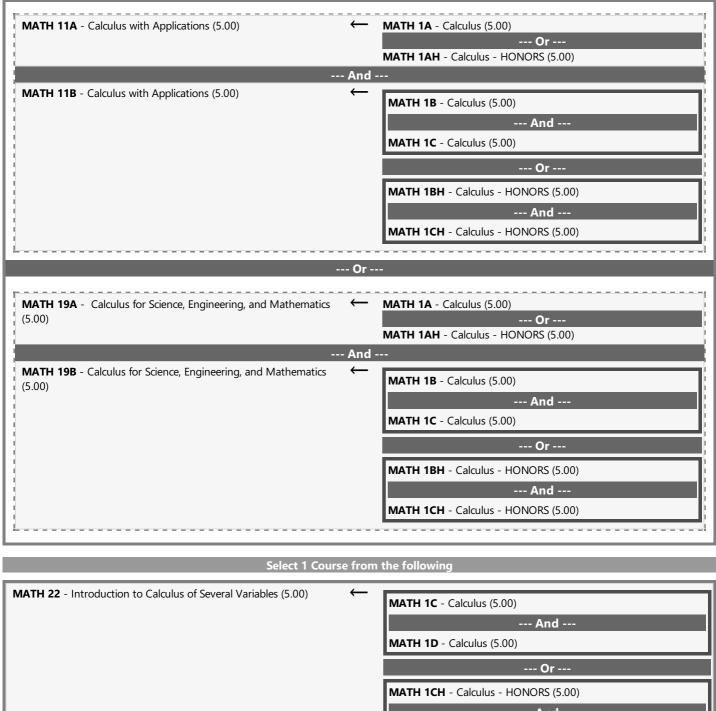
For more information on major requirements please visit the Admissions website: https://admissions.ucsc.edu/posts/non-screening-majors

PREPARATION FOR THE MAJOR



Select 1 Series from the following

FART C. C. C. C. L. (500)	— N. C Art bud
EART 5 - California Geology (5.00)	← No Course Articulated
	And
EART 5L - California Geology Laboratory (1.00)	← No Course Articulated
	Or
EART 10 - Geologic Principles (5.00)	← GEOL 10 - Introductory Geology (5.00)
	And
EART 10L - Geologic Principles Laboratory (1.00)	← GEOL 10 - Introductory Geology (5.00)
	Or
FART 20 Environmental Coology (5.00)	← No Course Articulated
EART 20 - Environmental Geology (5.00)	
	And
EART 20L - Environmental Geology Laboratory (1.00)	← No Course Articulated



--- Or -- MATH 1CH - Calculus - HONORS (5.00) --- And -- MATH 1DH - Calculus - HONORS (5.00) --- Or -- MATH 1D - Calculus (5.00) --- Or -- MATH 1DH - Calculus (5.00) --- Or -- MATH 1DH - Calculus (5.00) --- Or -- MATH 1DH - Calculus - HONORS (5.00) --- Or -- MATH 1DH - Calculus - HONORS (5.00) --- Or -- MATH 1DH - Calculus - HONORS (5.00)

END OF AGREEMENT