

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

Environmental Studies, Geographic Information Systems Concentration B.A.

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](#)

ENVIRONMENTAL STUDIES, GEOGRAPHIC INFORMATION SYSTEMS CONCENTRATION B.A.

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

ADMISSION SELECTION CRITERIA

To be considered for admission to the Environmental Studies B.A. major, transfer students must pass equivalents of the following courses with a C (2.0) or better by the end of spring term for students planning to enter in the fall:

ENVS 23: The Physical and Chemical Environment **OR** a general chemistry course

Plus one of the following:

ENVS 24: General Ecology **OR** BIOE 20C: Ecology and Evolution

Plus one of the following:

AM 3: Precalculus for the Social Sciences

AM 11A/ECON 11A: Mathematical Methods for Economists I

AM 11B/ECON 11B: Mathematical Methods for Economists II

MATH 3: Precalculus

MATH 11A: Calculus with Applications

MATH 11B: Calculus with Applications

MATH 19A: Calculus for Science, Engineering, and Mathematics

MATH 19B: Calculus for Science, Engineering, and Mathematics

MATH 22: Introduction to Calculus of Several Variables

MATH 23A: Vector Calculus

Plus one of the following options:

ENVS 25: Environmental Policy and Economics **OR**

ECON 2: Introductory Macroeconomics: Aggregate Economic Activity **AND** a course in national or international politics **OR**

ECON 1: Introductory Microeconomics: Resource Allocation and Market Structure **AND** a course in national or international politics

Prospective transfer students are also encouraged to complete the Intersegmental General Education Transfer Curriculum (IGETC) or to complete all UC Santa Cruz general education requirements before matriculation.

THIS IS A SCREENING MAJOR. For more information on screening major requirements please visit the Admissions website:

<https://admissions.ucsc.edu/posts/screening-major-selection-criteria>

MAJOR PREPARATION COURSES REQUIRED FOR TRANSFER

ENVS 23 - The Physical and Chemical Environment (5.00)

← No Course Articulated

--- Or ---

A course in general chemistry

← **CHEM 1A** - General Chemistry (5.00)

--- Or ---

CHEM 1AH - General Chemistry - HONORS (5.00)

ENVS 24 - General Ecology (5.00)

← **BIOL 6C** - Ecology and Evolution (6.00)

--- Or ---

BIOL 6CH - Ecology and Evolution - HONORS (6.00)

--- Or ---

BIOE 20C - Ecology and Evolution (5.00)

← **BIOL 6C** - Ecology and Evolution (6.00)

--- Or ---

BIOL 6CH - Ecology and Evolution - HONORS (6.00)

Select 1 Course(s) from the following

AM 3 - Precalculus for the Social Sciences (5.00)

←

MATH 31 - Precalculus I (5.00)

- UC credit limitation applies; refer to UC-transferability list

--- And ---

MATH 32 - Precalculus II (5.00)

- UC credit limitation applies; refer to UC-transferability list

--- Or ---

MATH 31A - Precalculus I (Part 1) (2.50)

- UC credit limitation applies; refer to UC-transferability list

--- And ---

MATH 31B - Precalculus I (Part 2) (2.50)

- UC credit limitation applies; refer to UC-transferability list

--- And ---

MATH 32 - Precalculus II (5.00)

- UC credit limitation applies; refer to UC-transferability list

--- Or ---

MATH 31H - Precalculus I - HONORS (5.00)

--- And ---

MATH 32H - Precalculus II - HONORS (5.00)

--- Or ---

AM 11A - Mathematical Methods for Economists I (5.00)

Same-As: ECON 11A

←

MATH 12 - Introductory Calculus for Business and Social Science (5.00)

--- Or ---

AM 11B - Mathematical Methods for Economists II (5.00)

Same-As: ECON 11B

←

No Course Articulated

--- Or ---

MATH 3 - Precalculus (5.00)



MATH 31 - Precalculus I (5.00)

- *UC credit limitation applies; refer to UC-transferability list*

--- And ---

MATH 32 - Precalculus II (5.00)

- *UC credit limitation applies; refer to UC-transferability list*

--- Or ---

MATH 31H - Precalculus I - HONORS (5.00)

- *UC credit limitation applies; refer to UC-transferability list*

--- And ---

MATH 32H - Precalculus II - HONORS (5.00)

- *UC credit limitation applies; refer to UC-transferability list*

--- Or ---

MATH 31A - Precalculus I (Part 1) (2.50)

- *UC credit limitation applies; refer to UC-transferability list*

--- And ---

MATH 31B - Precalculus I (Part 2) (2.50)

- *UC credit limitation applies; refer to UC-transferability list*

--- And ---

MATH 32 - Precalculus II (5.00)

- *UC credit limitation applies; refer to UC-transferability list*

--- Or ---

MATH 11A - Calculus with Applications (5.00)



MATH 1A - Calculus (5.00)

--- Or ---

MATH 1AH - Calculus - HONORS (5.00)

--- Or ---

MATH 11B - Calculus with Applications (5.00)



MATH 1B - Calculus (5.00)

--- And ---

MATH 1C - Calculus (5.00)

--- Or ---

MATH 1BH - Calculus - HONORS (5.00)

--- And ---

MATH 1CH - Calculus - HONORS (5.00)

--- Or ---

MATH 19A - Calculus for Science, Engineering, and Mathematics (5.00)



MATH 1A - Calculus (5.00)

--- Or ---

MATH 1AH - Calculus - HONORS (5.00)

--- Or ---

MATH 19B - Calculus for Science, Engineering, and Mathematics (5.00)



MATH 1B - Calculus (5.00)

--- And ---

MATH 1C - Calculus (5.00)

--- Or ---

MATH 1BH - Calculus - HONORS (5.00)

--- And ---

MATH 1CH - Calculus - HONORS (5.00)

--- Or ---

MATH 22 - Introduction to Calculus of Several Variables (5.00)	←	MATH 1C - Calculus (5.00) --- And --- MATH 1D - Calculus (5.00) --- Or --- MATH 1CH - Calculus - HONORS (5.00) --- And --- MATH 1DH - Calculus - HONORS (5.00)
--- Or ---		
MATH 23A - Vector Calculus (5.00)	←	MATH 1D - Calculus (5.00) --- Or --- MATH 1DH - Calculus - HONORS (5.00)

ENVS 25 - Environmental Policy and Economics (5.00)	←	No Course Articulated
--- Or ---		
ECON 2 - Introductory Macroeconomics: Aggregate Economic Activity (5.00)	←	ECON 1 - Principles of Macroeconomics (4.00) --- Or --- ECON 1H - Principles of Macroeconomics - HONORS (4.00)
--- And ---		
A course in national or international politics	←	POLI 1 - American Government and Politics (5.00) --- Or --- POLI 3 - International Relations (4.00) --- Or --- POLI 5 - Introduction to Political Thought and Theory (4.00)
--- Or ---		
ECON 1 - Introductory Microeconomics: Resource Allocation and Market Structure (5.00)	←	ECON 2 - Principles of Microeconomics (4.00) --- Or --- ECON 2H - Principles of Microeconomics - HONORS (4.00)
--- And ---		
A course in national or international politics	←	POLI 1 - American Government and Politics (5.00) --- Or --- POLI 3 - International Relations (4.00) --- Or --- POLI 5 - Introduction to Political Thought and Theory (4.00)

STRONGLY RECOMMENDED ADVANCED PREPARATION COURSES

Select 1 Course from the following		
ANTH 2 - Introduction to Cultural Anthropology (5.00)	←	ANTH 2 - Cultural Anthropology (4.00) --- Or --- ANTH 2H - Cultural Anthropology - HONORS (4.00)
--- Or ---		
BME 80G - Bioethics in the 21st Century: Science, Business, and Society (5.00) Same-As: PHIL 80G	←	No Course Articulated
--- Or ---		
PHIL 22 - Introduction to Ethical Theory (5.00)	←	PHIL 8 - Ethics (4.00)
--- Or ---		
PHIL 24 - Introduction to Ethics: Contemporary Moral Issues (5.00)	←	No Course Articulated
--- Or ---		
PHIL 28 - Environmental Ethics (5.00)	←	No Course Articulated
--- Or ---		

SOCY 1 - Introduction to Sociology (5.00)



SOC 1 - Introduction to Sociology (4.00)

--- Or ---

SOCY 10 - Issues and Problems in American Society (5.00)



SOC 20 - Social Problems (4.00)

--- Or ---

SOCY 15 - World Society (5.00)



No Course Articulated

ADDITIONAL MAJOR PREPARATION COURSES

STAT 7 - Statistical Methods for the Biological, Environmental, and Health Sciences (5.00)



No Course Articulated

--- And ---

STAT 7L - Statistical Methods for the Biological, Environmental, and Health Sciences Laboratory (2.00)



No Course Articulated

END OF AGREEMENT