

Articulation Agreement by Major

Effective during the 2022-2023 Academic Year

To: University of California, Davis
2022-2023 General Catalog, Quarter

From: De Anza College
2022-2023 General Catalog, Quarter

Sustainable Environmental Design B.S.

INFORMATION AND ADVISORIES

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the [UC Davis Transfer Admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of Spring term prior to Fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and Mathematics by the end of Fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/UC Davis General Education (GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete undergraduate degrees at UC Davis. See additional details about IGETC in ASSIST. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Students not planning to complete IGETC should contact the Dean's Office of your undergraduate college at UC Davis who determines whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College of Agricultural and Environmental Sciences (CA&ES) General Education (GE) English Composition Requirement for the Bachelor's Degree:

The College of A&ES English Composition requirement for the Bachelor's degree is an element of the UC Davis General Education (GE) pattern. This GE requirement may be satisfied by completing either two courses emphasizing written expression **or** one course emphasizing written expression and one course emphasizing oral expression, with a grade of C- (or P) or better. The following UC Davis lower-division courses are among those that have been approved to satisfy this requirement: English 003, University Writing Program 001, 048, 049 (emphasis in writing skills); Communications 001, Comparative Literature 001, 002, 003, 004, or Native American Studies 005 (emphasis in either writing or speaking skills). The English Composition requirement may also be met by achieving a score of 4 or 5 on the Advanced Placement (AP) English examination **plus** completing any previously listed course, **except** English 003 or University Writing Program 001. See the current articulation for appropriate courses available at your California Community College.

Community College transfer students who have successfully completed the IGETC lower-division coursework are exempt from all GE requirements that may be met with lower-division courses.

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer admission. See the [UC Davis Transfer Admission website](#). The courses used for the CA&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your Community College counselor or the UC Davis College of A&ES if you have any questions.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis [General Catalog](#). Quick reference charts for AP and IB are also available [here](#).

MAJOR PREPARATION

- Please carefully review Information and Advisories and Course Articulation Details.

COURSE ARTICULATION DETAILS

- **Important note:** Due to the limitations and bugs on the ASSIST platform at this time, it is important to view both the department

and major agreements for a complete picture of the articulation arrangements. [Please refer to the appropriate department agreements in conjunction with the major agreement below.](#)

- Please check the UC Transferability Lists on ASSIST for information on any credit limitations.
- **Attention:** Articulation agreements are California Community College *specific*. Lower division courses that are taken at multiple California Community Colleges may articulate differently from what is indicated in the department or major agreements. It is recommended that series courses be completed at the same California Community College. Please contact your California Community College counselor for more information.

PREPARATION COURSES FOR THE MAJOR

BIS 002B - Introduction to Biology: Principles of Ecology & Evolution (5.00)



BIOL 6C - Ecology and Evolution (6.00)

--- Or ---

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

LDA 001 - Introduction to Environmental Design (4.00)



No Course Articulated

LDA 002 - Place, Culture & Community (4.00)



No Course Articulated

LDA 003 - Sustainable Development: Theory & Practice (4.00)



No Course Articulated

LDA 021 - Landscape Representation I (4.00)



No Course Articulated

LDA 030 - History of Environmental Design (4.00)



No Course Articulated

LDA 050 - Site Ecology (4.00)



No Course Articulated

LDA 070 - Introduction to Spacemaking (4.00)



No Course Articulated

ENGLISH COMPOSITION

Select 1 Course from the following

ENL 003 - Introduction to Literature (4.00)



EWRT 1B - Reading, Writing and Research (5.00)

--- Or ---

EWRT 1BH - Reading, Writing and Research - HONORS (5.00)

--- Or ---

EWRT 1C - Literature and Composition (5.00)

UWP 001 - Introduction to Academic Literacies (4.00)



COMM 9 - Argumentation: Analysis of Oral and Written Communication (5.00)

- *Course is articulated in more than one agreement but credit can only apply to one*

--- Or ---

COMM 9H - Argumentation: Analysis of Oral and Written Communication - HONORS (5.00)

- *Course is articulated in more than one agreement but credit can only apply to one*

--- Or ---

ESL 5 - Advanced Composition and Reading (5.00)

- *Course is articulated in more than one agreement but credit can only apply to one*

--- Or ---

EWRT 1A - Composition and Reading (5.00)

--- Or ---

EWRT 1AH - Composition and Reading - HONORS (5.00)

--- Or ---

EWRT 1B - Reading, Writing and Research (5.00)

- *Course is articulated in more than one agreement but credit can only apply to one*

--- Or ---

EWRT 1BH - Reading, Writing and Research - HONORS (5.00)

--- Or ---

EWRT 1AS - Intensive Composition and Reading Stretch: First Quarter (5.00)

--- And ---

EWRT 1AT - Intensive Composition and Reading Stretch: Second Quarter (5.00)

- *Complete entire sequence at same institution prior to transfer*

--- Or ---

EWRT 2 - Critical Reading, Writing and Thinking (5.00)

- *Course is articulated in more than one agreement but credit can only apply to one*

--- Or ---

EWRT 2H - Critical Reading, Writing and Thinking - HONORS (5.00)

- *Course is articulated in more than one agreement but credit can only apply to one*

UWP 048 - Style in the Essay (4.00)



No Course Articulated

UWP 049 - Writing Research Papers (4.00)



COMM 9 - Argumentation: Analysis of Oral and Written Communication (5.00)

- *Course is articulated in more than one agreement but credit can only apply to one*

--- Or ---

COMM 9H - Argumentation: Analysis of Oral and Written Communication - HONORS (5.00)

- *Course is articulated in more than one agreement but credit can only apply to one*

--- Or ---

ESL 5 - Advanced Composition and Reading (5.00)

- *Course is articulated in more than one agreement but credit can only apply to one*
- *Effective next fall, this course will no longer articulate*

--- Or ---

EWRT 2 - Critical Reading, Writing and Thinking (5.00)

- *Course is articulated in more than one agreement but credit can only apply to one*

--- Or ---

EWRT 2H - Critical Reading, Writing and Thinking - HONORS (5.00)

- *Course is articulated in more than one agreement but credit can only apply to one*

--- Or ---

PHIL 3 - Critical Thinking and Writing (5.00)

--- And ---

Select 1 Course from the following

CMN 001 - Introduction to Public Speaking (4.00)	←	COMM 1 - Public Speaking (5.00) --- Or --- COMM 1H - Public Speaking - HONORS (5.00)
COM 001 - Major Works of the Ancient World (4.00)	←	No Course Articulated
COM 002 - Major Works of the Medieval & Early Modern World (4.00)	←	No Course Articulated
COM 003 - Major Works of the Modern World (4.00)	←	No Course Articulated
COM 004 - Major Works of the Contemporary World (4.00)	←	ELIT 39 - Contemporary Literature (4.00)
NAS 005 - Introduction to Native American Literature (4.00)	←	NAIS 15 - Native American Literature (4.00)

ADDITIONAL MAJOR PREPARATION COURSES

Select 1 Course from the following

ECN 001A - Principles of Microeconomics (4.00)	←	ECON 2 - Principles of Microeconomics (4.00) --- Or --- ECON 2H - Principles of Microeconomics - HONORS (4.00)
ECN 001AV - Principles of Microeconomics (4.00)	←	No Course Articulated
ECN 001AY - Principles of Microeconomics (4.00)	←	No Course Articulated
ECN 001B - Principles of Macroeconomics (4.00)	←	ECON 1 - Principles of Macroeconomics (4.00) --- Or --- ECON 1H - Principles of Macroeconomics - HONORS (4.00)
ECN 001BV - Principles of Macroeconomics (4.00)	←	No Course Articulated

--- And ---

Select 1 Course from the following

POL 001 - American National Government (4.00)	←	POLI 1 - American Government and Politics (5.00) --- Or --- POLI 1H - American Government and Politics - HONORS (5.00)
POL 002 - Introduction to Comparative Politics (4.00)	←	POLI 2 - Comparative Politics (4.00)
POL 003 - International Relations (4.00)	←	POLI 3 - International Relations (4.00)
POL 004 - Basic Concepts in Political Theory (4.00)	←	POLI 5 - Introduction to Political Thought and Theory (4.00)
POL 005 - Contemporary Problems of the American Political System (4.00)	←	No Course Articulated
POL 007 - Contemporary Issues in Law & Politics (4.00)	←	No Course Articulated
POL 011A - America Decides: Who Will Win This Year's Election? (4.00)	←	No Course Articulated
POL 011B - Citizen Lawmaking: Direct Democracy, Public Policy & Political Representation in America (4.00)	←	No Course Articulated
POL 011C - Politics & Film (4.00)	←	No Course Articulated
POL 011D - Political Persuasion (4.00)	←	No Course Articulated
POL 012A - Politics & Sports (4.00)	←	No Course Articulated
POL 012B - Climate Change & Politics (4.00)	←	No Course Articulated
POL 012Y - Data Visualization in the Social Sciences (4.00) Same-As: CMN 012Y, PSC 012Y, SOC 012Y	←	No Course Articulated
POL 051 - Scientific Study of Politics (4.00)	←	No Course Articulated

--- And ---

Select 1 Course from the following

SOC 001 - Introduction to Sociology (5.00)	←	SOC 1 - Introduction to Sociology (4.00)
SOC 002 - Self & Society (4.00)	←	No Course Articulated
SOC 003 - Social Problems (4.00)	←	SOC 20 - Social Problems (4.00)
SOC 004 - Immigration & Opportunity (4.00)	←	No Course Articulated
SOC 005 - Global Social Change: An Introduction to Macrosociology (4.00)	←	INTL 8 - Sociology of Globalization and Social Change (4.00) Same-As: SOC 5
		--- Or ---
		SOC 5 - Sociology of Globalization and Social Change (4.00) Same-As: INTL 8
SOC 006 - Health & Illness (4.00)	←	No Course Articulated
SOC 007 - Race & Ethnicity (4.00)	←	No Course Articulated
SOC 011 - Sociology of Labor & Employment (4.00)	←	No Course Articulated
SOC 012Y - Data Visualization in the Social Sciences (4.00) Same-As: CMN 012Y, POL 012Y, PSC 012Y	←	No Course Articulated
SOC 025 - Sociology of Popular Culture (4.00)	←	No Course Articulated
SOC 046 - Introduction to Social Research Methods (4.00)	←	PSYC 15 - Statistics and Research Methods in Social Science (4.00) Same-As: SOC 15
		<ul style="list-style-type: none"> Course is articulated in more than one agreement but credit can only apply to one
		--- Or ---
		SOC 14 - The Process of Social Research (4.00)
		--- Or ---
		SOC 15 - Statistics and Research Methods in Social Science (4.00) Same-As: PSYC 15
		<ul style="list-style-type: none"> Course is articulated in more than one agreement but credit can only apply to one
SOC 056 - Introduction to Social Statistics (5.00)	←	No Course Articulated

--- And ---

Select 1 Course from the following		
STA 010 - Statistical Thinking (4.00)	←	No Course Articulated
STA 012 - Introduction to Discrete Probability (4.00)	←	No Course Articulated
STA 013 - Elementary Statistics (4.00)	←	MATH 10 - Introductory Statistics (5.00)
		<ul style="list-style-type: none"> Course is articulated in more than one agreement but credit can only apply to one
		--- Or ---
		MATH 10H - Introductory Statistics - HONORS (5.00)
		<ul style="list-style-type: none"> Course is articulated in more than one agreement but credit can only apply to one
		--- Or ---
		MATH 17 - Integrated Statistics 2 (5.00)
		<ul style="list-style-type: none"> Course is articulated in more than one agreement but credit can only apply to one
		--- Or ---
		PSYC 15 - Statistics and Research Methods in Social Science (4.00) Same-As: SOC 15
		<ul style="list-style-type: none"> Course is articulated in more than one agreement but credit can only apply to one
		--- Or ---
		SOC 15 - Statistics and Research Methods in Social Science (4.00) Same-As: PSYC 15
		<ul style="list-style-type: none"> Course is articulated in more than one agreement but credit can only apply to one

STA 013Y - Elementary Statistics (4.00)



MATH 10 - Introductory Statistics (5.00)

- *Course is articulated in more than one agreement but credit can only apply to one*

--- Or ---

MATH 10H - Introductory Statistics - HONORS (5.00)

- *Course is articulated in more than one agreement but credit can only apply to one*

--- Or ---

MATH 17 - Integrated Statistics 2 (5.00)

- *Course is articulated in more than one agreement but credit can only apply to one*

--- Or ---

PSYC 15 - Statistics and Research Methods in Social Science (4.00)

Same-As: SOC 15

- *Course is articulated in more than one agreement but credit can only apply to one*

--- Or ---

SOC 15 - Statistics and Research Methods in Social Science (4.00)

Same-As: PSYC 15

- *Course is articulated in more than one agreement but credit can only apply to one*

STA 015A - Introduction to Statistical Data Science I (4.00)



No Course Articulated

STA 015B - Introduction to Statistical Data Science II (4.00)



No Course Articulated

STA 015C - Introduction to Statistical Data Science III (4.00)



No Course Articulated

STA 032 - Gateway to Statistical Data Science (4.00)



No Course Articulated

STA 035A - Statistical Data Science I (4.00)



No Course Articulated

STA 035B - Statistical Data Science II (4.00)



No Course Articulated

STA 035C - Statistical Data Science III (4.00)



No Course Articulated

PHYSICAL SCIENCE

Select 1 Course from the following

AST 010C - Introduction to Cosmology (3.00)



No Course Articulated

AST 010G - Introduction to Stars, Galaxies, & the Universe (3.00)



No Course Articulated

AST 010S - Astronomy of the Solar System (3.00)



ASTR 4 - Solar System Astronomy (5.00)

AST 025 - Introduction to Modern Astronomy & Astrophysics (4.00)



No Course Articulated

--- Or ---

Select 1 Course from the following

CHE 002A - General Chemistry (5.00)



CHEM 1A - General Chemistry (5.00)

- *Effective next fall, this articulation will be revised*

--- Or ---

CHEM 1AH - General Chemistry - HONORS (5.00)

- *Course is articulated in more than one agreement but credit can only apply to one*
- *Effective next fall, this articulation will be revised*

CHE 002B - General Chemistry (5.00)



CHEM 1B - General Chemistry (5.00)

- *Effective next fall, this articulation will be revised*

--- Or ---

CHEM 1BH - General Chemistry - HONORS (5.00)

- *Course is articulated in more than one agreement but credit can only apply to one*
- *Effective next fall, this articulation will be revised*

CHE 002C - General Chemistry (5.00)	←	CHEM 1C - General Chemistry and Qualitative Analysis (5.00) --- Or --- CHEM 1CH - General Chemistry and Qualitative Analysis - HONORS (5.00) <ul style="list-style-type: none"> Course is articulated in more than one agreement but credit can only apply to one
CHE 002AH - Honors General Chemistry (5.00)	←	CHEM 1AH - General Chemistry - HONORS (5.00) <ul style="list-style-type: none"> Course is articulated in more than one agreement but credit can only apply to one Effective next fall, this course will no longer articulate
CHE 002BH - Honors General Chemistry (5.00)	←	CHEM 1BH - General Chemistry - HONORS (5.00) <ul style="list-style-type: none"> Course is articulated in more than one agreement but credit can only apply to one Effective next fall, this course will no longer articulate
CHE 002CH - Honors General Chemistry (5.00)	←	CHEM 1CH - General Chemistry and Qualitative Analysis - HONORS (5.00) <ul style="list-style-type: none"> Course is articulated in more than one agreement but credit can only apply to one Effective next fall, this course will no longer articulate
CHE 003A - Chemistry for Life Sciences: Determining Structure & Predicting Properties (5.00)	←	No Course Articulated
CHE 003B - Chemistry for Life Sciences: Predicting & Characterizing Chemical Change (5.00)	←	No Course Articulated
CHE 003C - Chemistry for Life Sciences: Controlling Processes & Synthetic Pathways (5.00)	←	No Course Articulated
CHE 004A - General Chemistry for the Physical Sciences & Engineering (5.00)	←	CHEM 1AH - General Chemistry - HONORS (5.00) <ul style="list-style-type: none"> Course is articulated in more than one agreement but credit can only apply to one
CHE 004B - General Chemistry for the Physical Sciences & Engineering (5.00)	←	CHEM 1BH - General Chemistry - HONORS (5.00) <ul style="list-style-type: none"> Course is articulated in more than one agreement but credit can only apply to one
CHE 004C - General Chemistry for the Physical Sciences & Engineering (5.00)	←	CHEM 1CH - General Chemistry and Qualitative Analysis - HONORS (5.00) <ul style="list-style-type: none"> Course is articulated in more than one agreement but credit can only apply to one
CHE 008A - Organic Chemistry: Brief Course (2.00)	←	No Course Articulated
CHE 008B - Organic Chemistry: Brief Course (4.00)	←	No Course Articulated
CHE 010 - Concept of Chemistry (4.00)	←	CHEM 10 - Introductory Chemistry (5.00)
--- Or ---		

Select 1 Course from the following

GEL 001 - The Earth (4.00)	←	GEOL 10 - Introductory Geology (5.00) <ul style="list-style-type: none"> Maximum credit, one course or one course plus lab
GEL 002 - Earth System Science (3.00)	←	No Course Articulated
GEL 003 - History of Life (3.00)	←	No Course Articulated
GEL 004 - Evolution: Science & World View (3.00)	←	No Course Articulated
GEL 010 - Modern & Ancient Global Environmental Change (3.00)	←	No Course Articulated
GEL 016 - The Oceans (3.00)	←	GEOL 20 - General Oceanography (4.00)
GEL 016V - The Oceans (3.00)	←	No Course Articulated
GEL 018 - Energy & the Environment (3.00)	←	No Course Articulated
GEL 018V - Energy & the Environment (3.00)	←	No Course Articulated
GEL 025 - Geology of National Parks (3.00)	←	No Course Articulated
GEL 025V - Geology of National Parks (3.00)	←	No Course Articulated
GEL 028 - Astrobiology (3.00)	←	No Course Articulated

GEL 030 - Fractals, Chaos & Complexity (3.00) Same-As: PHY 030	←	No Course Articulated
GEL 032 - Volcanoes (3.00)	←	No Course Articulated
GEL 035 - Rivers (3.00)	←	No Course Articulated
GEL 036 - The Solar System (4.00)	←	No Course Articulated
GEL 050 - Physical Geology (3.00)	←	GEOL 10 - Introductory Geology (5.00) <ul style="list-style-type: none"> Maximum credit, one course or one course plus lab
GEL 053 - Introduction to Geobiology (3.00)	←	No Course Articulated
GEL 055 - Introduction to Geochemistry (3.00)	←	No Course Articulated
GEL 056 - Introduction to Geophysics (4.00)	←	No Course Articulated
GEL 060 - Earth Materials: Introduction (4.00)	←	No Course Articulated

--- Or ---

Select 1 Course from the following		
PHY 001A - Principles of Physics (3.00)	←	No Course Articulated
PHY 001B - Principles of Physics (3.00)	←	PHYS 2A - General Introductory Physics (5.00)
PHY 007A - General Physics (4.00)	←	<div> PHYS 2B - General Introductory Physics (5.00) <div>--- And ---</div> PHYS 2C - General Introductory Physics (5.00) <ul style="list-style-type: none"> Complete entire sequence at same institution prior to transfer </div>
PHY 007B - General Physics (4.00)	←	<div> PHYS 2B - General Introductory Physics (5.00) <div>--- And ---</div> PHYS 2C - General Introductory Physics (5.00) <ul style="list-style-type: none"> Complete entire sequence at same institution prior to transfer </div>
PHY 007C - General Physics (4.00)	←	<div> PHYS 2B - General Introductory Physics (5.00) <div>--- And ---</div> PHYS 2C - General Introductory Physics (5.00) <ul style="list-style-type: none"> Complete entire sequence at same institution prior to transfer </div>
PHY 009A - Classical Physics (5.00)	←	PHYS 4A - Physics for Scientists and Engineers: Mechanics (6.00)
PHY 009B - Classical Physics (5.00)	←	PHYS 4C - Physics for Scientists and Engineers: Fluids, Waves, Optics and Thermodynamics (6.00)
PHY 009C - Classical Physics (5.00)	←	PHYS 4B - Physics for Scientists and Engineers: Electricity and Magnetism (6.00)
PHY 009D - Modern Physics (4.00)	←	PHYS 4D - Physics for Scientists and Engineers: Modern Physics (6.00)
PHY 009HA - Honors Physics (5.00)	←	No Course Articulated
PHY 009HB - Honors Physics (5.00)	←	No Course Articulated
PHY 009HC - Honors Physics (5.00)	←	No Course Articulated
PHY 009HD - Honors Physics (5.00)	←	No Course Articulated
PHY 009HE - Honors Physics (5.00)	←	No Course Articulated
PHY 010 - Topics in Physics for Nonscientists (4.00)	←	PHYS 10 - Concepts of Physics (5.00)
PHY 010C - Physics of California (3.00)	←	No Course Articulated
PHY 010CY - Physics of California (3.00)	←	No Course Articulated
PHY 012 - Visualization in Science (3.00)	←	No Course Articulated
PHY 030 - Fractals, Chaos & Complexity (3.00) Same-As: GEL 030	←	No Course Articulated

PHY 040 - Introduction to Physics Computation (4.00)



No Course Articulated

PHY 080 - Experimental Techniques (4.00)



No Course Articulated

--- Or ---

SSC 010 - Soils in Our Environment (3.00)



No Course Articulated

END OF AGREEMENT