

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

Agricultural & Environmental Technology 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. In particular, it is highly recommended that students complete Chemistry courses before transferring. 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); Communication 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, including those within a shared district, 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

Highly recommended to complete the entire series
If the entire sequence is not completed prior to transfer, students must consult the department advisor prior to enrollment
Complete entire sequence at same institution prior to transfer

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

CMN 001 - Introduction to Public Speaking (4.00)



COMM 1 - Public Speaking (5.00)

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COMM 1H - Public Speaking - HONORS (5.00)

ECN 001A - Principles of Microeconomics (4.00)



ECON 2 - Principles of Microeconomics (4.00)

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ECON 2H - Principles of Microeconomics - HONORS (4.00)

ECN 001B - Principles of Macroeconomics (4.00)



ECON 1 - Principles of Macroeconomics (4.00)

--- Or ---

ECON 1H - Principles of Macroeconomics - HONORS (4.00)

GEL 001 - The Earth (4.00)



GEOL 10 - Introductory Geology (5.00)

- Maximum credit, one course or one course plus lab

Select 1 Series from the following

Highly recommended to complete the entire series
If the entire sequence is not completed prior to transfer, students must consult the department advisor prior to enrollment
Complete entire sequence at same institution prior to transfer

MAT 017A - Calculus for Biology & Medicine (4.00)



No Course Articulated

MAT 017B - Calculus for Biology & Medicine (4.00)



No Course Articulated

MAT 017C - Calculus for Biology & Medicine (4.00)



No Course Articulated

--- Or ---

MAT 021A - Calculus (4.00)	←	MATH 1A - Calculus (5.00) <ul style="list-style-type: none"> • <i>Credit for articulated courses in one series only</i> <div>--- Or ---</div> MATH 1AH - Calculus - HONORS (5.00) <ul style="list-style-type: none"> • <i>Credit for articulated courses in one series only</i>
MAT 021B - Calculus (4.00)	←	MATH 1B - Calculus (5.00) <ul style="list-style-type: none"> • <i>Credit for articulated courses in one series only</i> <div>--- Or ---</div> MATH 1BH - Calculus - HONORS (5.00) <ul style="list-style-type: none"> • <i>Credit for articulated courses in one series only</i>
MAT 021C - Calculus (4.00)	←	MATH 1C - Calculus (5.00) <ul style="list-style-type: none"> • <i>Credit for articulated courses in one series only</i> <div>--- Or ---</div> MATH 1CH - Calculus - HONORS (5.00) <ul style="list-style-type: none"> • <i>Credit for articulated courses in one series only</i>

MGT 011A - Elementary Accounting (4.00)	←	ACCT 1A - Financial Accounting I (5.00) <div>--- Or ---</div> ACCT 1AH - Financial Accounting I - HONORS (5.00)
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<p>Highly recommended to complete the entire series</p> <p>If the entire sequence is not completed prior to transfer, students must consult the department advisor prior to enrollment</p> <p>Complete entire sequence at same institution prior to transfer</p>		
PHY 001A - Principles of Physics (3.00)	←	No Course Articulated
PHY 001B - Principles of Physics (3.00)	←	PHYS 2A - General Introductory Physics (5.00)

STA 013 - Elementary Statistics (4.00)	←	MATH 10 - Introductory Statistics (5.00) <ul style="list-style-type: none"> • <i>Course is articulated in more than one agreement but credit can only apply to one</i> <div>--- Or ---</div> MATH 10H - Introductory Statistics - HONORS (5.00) <ul style="list-style-type: none"> • <i>Course is articulated in more than one agreement but credit can only apply to one</i> <div>--- Or ---</div> MATH 17 - Integrated Statistics 2 (5.00) <ul style="list-style-type: none"> • <i>Course is articulated in more than one agreement but credit can only apply to one</i> <div>--- Or ---</div> PSYC 15 - Statistics and Research Methods in Social Science (4.00) Same-As: PSYC 15 <ul style="list-style-type: none"> • <i>Course is articulated in more than one agreement but credit can only apply to one</i> <div>--- Or ---</div> SOC 15 - Statistics and Research Methods in Social Science (4.00) Same-As: PSYC 15 <ul style="list-style-type: none"> • <i>Course is articulated in more than one agreement but credit can only apply to one</i>
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TAE 030 - Mobile Communication & Computing Technologies for Agriculture & the Environment (4.00)	←	This Course is Never Articulated
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BIOPRODUCTS & WEARABLE TECHNOLOGIES

ANT 002 - Cultural Anthropology (5.00)	←	ANTH 2 - Cultural Anthropology (4.00) <div>--- Or ---</div> ANTH 2H - Cultural Anthropology - HONORS (4.00)
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CHE 002C - General Chemistry (5.00)	←	CHEM 1C - General Chemistry and Qualitative Analysis (5.00) <div>--- Or ---</div> 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 118A - Organic Chemistry for Health & Life Sciences (4.00)	←	CHEM 12A - Organic Chemistry (5.00) <ul style="list-style-type: none"> Articulation applies to one series only, or one series plus labs Lower division credit only
CHE 118B - Organic Chemistry for Health & Life Sciences (4.00)	←	CHEM 12B - Organic Chemistry (5.00) <ul style="list-style-type: none"> Articulation applies to one series only, or one series plus labs Lower division credit only
CHE 118C - Organic Chemistry for Health & Life Sciences (4.00)	←	CHEM 12C - Organic Chemistry (5.00) <ul style="list-style-type: none"> Articulation applies to one series only, or one series plus labs Lower division credit only
DES 040A - Energy, Materials, & Design Over Time (4.00) Same-As: SAS 043	←	No Course Articulated
DES 077 - Introduction to Structural Design for Fashion (4.00)	←	No Course Articulated
PHY 007A - General Physics (4.00) <ul style="list-style-type: none"> Course is an approved substitute for this major only 	←	<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) <ul style="list-style-type: none"> Course is an approved substitute for this major only 	←	<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) <ul style="list-style-type: none"> Course is an approved substitute for this major only 	←	<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>
SOC 002 - Self & Society (4.00)	←	No Course Articulated

DIGITAL AGRICULTURE

BIS 002A - Introduction to Biology: Essentials of Life on Earth (5.00)	←	BIOL 6B - Cell and Molecular Biology (6.00)
BIS 002B - Introduction to Biology: Principles of Ecology & Evolution (5.00)	←	BIOL 6C - Ecology and Evolution (6.00) <div>--- Or ---</div> BIOL 6CH - Ecology and Evolution - HONORS (6.00)

PHI 013G - Minds, Brains, & Computers with Discussion (4.00)	←	No Course Articulated
SAS 002 - Feeding the World: Influences on the Global Food Supply (3.00)	←	No Course Articulated
SAS 008 - Water Quality at Risk (3.00) Same-As: ESM 008	←	No Course Articulated
SAS 009 - Crisis in the Environment (3.00)	←	No Course Articulated
SAS 010 - Water, Power, Society (3.00) Same-As: HYD 010	←	No Course Articulated
SAS 012 - Plants & Society (4.00) Same-As: PLS 012	←	No Course Articulated

SAS 014 - Forests & Society (3.00)

← No Course Articulated

SAS 020 - Genetics & Society (4.00)

← No Course Articulated

SAS 025 - Global Climate Change: Convergence of Biological, Geophysical, & Social Sciences (4.00)

← No Course Articulated

DIGITAL AGRICULTURE-ANIMAL AGRICULTURE EMPHASIS

Select 3 Quarter Unit(s) from the following

ANS 015 - Introductory Horse Husbandry (3.00)

← No Course Articulated

ANS 041 - Domestic Animal Production (2.00)

← No Course Articulated

ANS 041L - Domestic Animal Production Laboratory (2.00)

← No Course Articulated

ANS 042 - Introductory Companion Animal Biology (4.00)

← No Course Articulated

DIGITAL AGRICULTURE-PLANT AGRICULTURE EMPHASIS

BIS 002C - Introduction to Biology: Biodiversity & the Tree of Life (5.00)

← **BIOL 6A** - Form and Function in the Biological World (6.00)

--- Or ---

BIOL 6AH - Form and Function in the Biological World - HONORS (6.00)

--- Or ---

PLS 002 - Botany & Physiology of Cultivated Plants (4.00)

← No Course Articulated

ENERGY & ENVIRONMENTAL TECHNOLOGY

Restricted electives for this option Consult an adviser

ATM 005 - Global Climate Change (3.00)

← **MET 12** - Introduction to Climate Change (5.00)

BIS 002A - Introduction to Biology: Essentials of Life on Earth (5.00)

← **BIOL 6B** - Cell and Molecular Biology (6.00)

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)

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

ESM 008 - Water Quality at Risk (3.00)
Same-As: SAS 008

← No Course Articulated

ESP 001 - Environmental Analysis (4.00)

← No Course Articulated

GEL 018 - Energy & the Environment (3.00)

← No Course Articulated

GEL 018V - Energy & the Environment (3.00)

← No Course Articulated

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

← No Course Articulated

PHY 010C - Physics of California (3.00)

← No Course Articulated

PHY 010CY - Physics of California (3.00)

← No Course Articulated

POL 012B - Climate Change & Politics (4.00)

← No Course Articulated

SAS 012 - Plants & Society (4.00)
Same-As: PLS 012

← No Course Articulated

SAS 025 - Global Climate Change: Convergence of Biological, Geophysical, & Social Sciences (4.00)

← No Course Articulated

SAS 025V - Global Climate Change: Convergence of Biological, Geophysical, & Social Sciences (4.00)

← No Course Articulated

SAS 043 - Energy, Materials, & Design Over Time (4.00)
Same-As: DES 040A

← No Course Articulated

SSC 010 - Soils in Our Environment (3.00)

← No Course Articulated

END OF AGREEMENT