

Articulation Guide by Major
Effective during the 18-19 Academic Year

===Aerospace Science and Engineering B.S.===

Special Advising Note:

ARTICULATION FOR THIS MAJOR IS UNDER REVIEW. You may view the previous year's agreement, but be advised that articulation is subject to change from year to year.

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

College of Engineering applicants to fall 2019 should view the majors guide effective for the 2017-18 academic year. (Go to ASSIST.org and click on the red notice that appears at the top of the page after you enter a college or university). Admission selection for fall 2019 will be based upon ALL courses published as REQUIRED FOR ADMISSION on the 2017-18 majors guide for the major. You may also view this information as published in the College of Engineering Transfer Credit Agreement at

<http://engineering.ucdavis.edu/transfer-credit-agreements/>

Special Advising Note:

All majors in the College of Engineering are selective and require preparatory coursework for admission. Transfer applicants must earn an overall transfer GPA of 3.10 or higher to be competitive candidates for admission to any engineering major. Strive to achieve your highest possible GPA in order to be most competitive. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents.

Transfer applicants must also complete all lower-division courses required for their specific engineering major as listed below under courses "Required for Admission" with a cumulative GPA of 3.20 or higher for those courses completed at the time of application and through the transfer academic update filing period. Before submitting a UC application, students must have already achieved a cumulative GPA of 3.20 or higher in required lower-division major coursework completed. If one course from the group is completed at the time the application is submitted, the grade for that one course must be B+ or better. If two or more courses from the group are completed at the time the application is submitted, the GPA for those courses combined must be a 3.20 or higher.

Any required courses that are offered at your current college must be completed by the close of spring term for fall enrollment at UC Davis. If required courses are not offered at your California Community College (i.e. those identified on ASSIST as NO COMPARABLE COURSE or NO COURSE ARTICULATED), you must complete them after enrolling at UC Davis.

In addition to completing preparatory courses for the major, students must also meet UC transfer admission requirements by the close of spring term for fall enrollment at UC Davis. 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. See the UC Davis [transfer admission website](#) for details.

IGETC: Transfer students should place highest priority on completing all requirements for their chosen engineering major. By completing the

Intersegmental General Education Transfer Curriculum(IGETC)however, the General Education (GE) requirement at UC Davis will be totally satisfied for all UC Davis GE requirements that may be met with lower-division courses. Completing IGETC is not required, nor does it improve the likelihood you will be admitted. See additional GE information below.

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 our website for details regarding [UC Davis TAG](#).

General Education (GE) Note:

For information concerning satisfaction of UC Davis GE requirements, please go to the For General Education/Breadth section of ASSIST and select any GE area from the pull-down menu or view the "General Education" section of the 2018-19 [UC Davis General Catalog](#) online.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-2019 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

When there are more applicants than spaces available in the College of Engineering, priority is given to California community college transfers who have an overall UC transferable GPA of 3.10 or higher and who have completed all lower-division engineering major requirements available at the student's community college with a minimum GPA of 3.20 in these required courses. Contact your counselor or the UC Davis College of Engineering Undergraduate Office at(530)752-1979, or consult the [College of Engineering website](#) if you have any questions.

END OF MAJOR

====African American and African Studies A.B.====

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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

ONE COURSE FROM THE FOLLOWING:

AF-AMST 10	Af-Am Culture & Soc	(4)	NO COMPARABLE COURSE
AF-AMST 12	Intro Afro Studies	(4)	NO COMPARABLE COURSE

ONE COURSE FROM THE FOLLOWING:

AF-AMST 15	Intro Afro Amer Hum	(4)	NO COMPARABLE COURSE
AF-AMST 17	Women in Africa	(4)	NO COMPARABLE COURSE
AF-AMST 18	Intro Caribbean Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AF-AMST 50	Blk Images Pop Cult	(4)	NO COMPARABLE COURSE
AF-AMST 51	History Af-Amr Dance	(4)	NO COMPARABLE COURSE
AF-AMST 52	Afr Tradit Relig	(4)	NO COMPARABLE COURSE
AF-AMST 80	Black Politics	(4)	NO COMPARABLE COURSE

ONE COURSE FROM THE FOLLOWING:

ANTHRO 2	Cultural Anthropology	(5)	ANTHR 3	Introduction to Social and Cultural Anthropology	(3)
ECON 1A	Princ of Microecon	(4)	ECON 2	Principles of Economics (Micro-Economics)	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 1	Principles of Economics (Macro-Economics)	(3)
SOCIOL 1	Intro Sociology	(5)	SOC 1	Introduction to Sociology	(3)
POL SCI 1	Amer Natl Govt	(4)	POSCI 1	Government and Politics in the United States	(3)
POL SCI 2	Intro Comp Politics	(4)	POSCI 2	Comparative Government	(3)
PSYCH 1	General Psychology	(4)	PSYCH 1A	Introduction to General Psychology	(3)

ONE COURSE FROM THE FOLLOWING:

CHICANO 10	Intro to Chic Std	(4)	NO COMPARABLE COURSE
N A STD 1	Intro NA Studies	(4)	NO COURSE ARTICULATED: College has not

N A STD 10	NA Experience	(4)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AMR STD 10	Intro American Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
A A STD 1	Hist Exp Asian Am	(4)	NO COMPARABLE COURSE
A A STD 2	Contemp Issues of Asian Americans	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
d) WOM STD 50	Intro Gender Studies	(4)	WS 1 Introduction to Women's (3) Studies

TWO COURSES FROM THE FOLLOWING:

HISTORY 15A	Africa to 1900	(4)	NO COURSE ARTICULATED
HISTORY 15B	Africa Today	(4)	NO COURSE ARTICULATED
HISTORY 17A	U.S. History	(4)	HIST 7A History of the United (3) States (to 1877)
HISTORY 17B	U.S. History	(4)	HIST 7B History of the United (3) States (since 1865)

4 QUARTER UNITS FROM THE FOLLOWING:

AF-AMST 16	African Verbal Arts	(4)	NO COMPARABLE COURSE
AF-AMST 51	History Af-Amr Dance	(4)	NO COMPARABLE COURSE
DRAMART 41A	Beg Jazz Dance	(2)	NO COMPARABLE COURSE
DRAMART 41B	Inter Jazz Dance	(2)	NO COMPARABLE COURSE
DRAMART 44A	Beg Hip Hop Dance	(2-4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
DRAMART 44B	Inter Hip Hop Dance	(2-4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MUSIC 28	Introduction to African American Music	(4)	NO COMPARABLE COURSE

END OF MAJOR

d) **Berkeley City College's WS 1 must be taken for a letter grade in order to receive credit for UC Davis's WOM STD 50.**

====Agricultural & Environmental Education B.S.====

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. See the [UC Transfer Admission website](http://ucdavis.edu/transfer) for details. UC Davis requires that students complete the minimum transfer admission requirement 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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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 (A&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 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (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 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC 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. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

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 Transfer Admission website](#). The courses used for the A&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 CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

HISTORY 17A	U.S. History	(4)	HIST 7A	History of the United States (to 1877)	(3)
	OR			OR	
POL SCI 1	Amer Natl Govt	(4)	POS CI 1	Government and Politics in the United States	(3)

A MINIMUM OF 8 QUARTER UNITS FROM EACH OF THE FOLLOWING AREAS:

AN SCI 1	Domest Ani & People	(4)	NO COMPARABLE COURSE
AN SCI 2	Intro Animal Sci	(4)	NO COMPARABLE COURSE
AN SCI 21	Livestock&Dairy Jdg	(2)	NO COMPARABLE COURSE
AN SCI 41	Domestic Ani Prod	(2)	NO COMPARABLE COURSE

ABIOSYT 16	Metal Prop & Fabr	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
ABIOSYT 49	Fld Equip Oper	(2)	NO COMPARABLE COURSE
ABIOSYT 52	Field Equip Welding	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation

AGRESEC 15	Pop,Envr,World Agri	(4)	NO COMPARABLE COURSE
AND			AND
ECON 1A	Princ of Microecon	(4)	ECON 2 Principles of Economics (3) (Micro-Economics)
OR			OR
ECON 1B	Princ of Macroecon	(4)	ECON 1 Principles of Economics (3) (Macro-Economics)

ENVHORT 1	Intro Envhort/Urb For	(3)	NO COMPARABLE COURSE
ENVHORT 6	Intro Environ Plants	(4)	NO COMPARABLE COURSE
PL SCI 5	Plants Gard, Orch & Land	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

ENV S&P 10	Current Issues in Environment	(3)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
ENV S&P 10 not open for credit to students who have completed ENV S&P 1			
ENV TOX 10	Intro Environ Toxicology	(3)	NO COMPARABLE COURSE
HYDRO S 10	Water, Power, Society	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
Same as: SCI&SOC 10			

PL SCI 1	Agr Nature & Society	(3)	NO COMPARABLE COURSE
PL SCI 2	Bot Physio Cul Plt	(4)	NO COMPARABLE COURSE
PL SCI 15	Intro Sustainable Agriculture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PL SCI 49	Org Crop Prod Prac	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
VIT-ENO 2	Intro to Viticult	(2)	NO COMPARABLE COURSE
VIT-ENO 3	Intro Winemaking	(3)	NO COMPARABLE COURSE

ALL OF THE FOLLOWING COURSES:

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1A General Biology (5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1B General Biology (5)

CHEM 2A	Genl Chemistry	(5)	CHEM 1A General Chemistry (5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A & General Chemistry (5)
			CHEM 1B General Chemistry (5)

b) GEOLOGY 1	The Earth	(4)	GEOL 10 Introduction to Geology (3)
GEOLOGY 20	California Geology	(2)	NO COMPARABLE COURSE
SOILSCI 10	Soils in Our Environment	(3)	NO COMPARABLE COURSE

MATH 16A	Short Calculus	(3)	MATH 16A Calculus for Business (3) and the Life and Social Sciences
			OR
			MATH 3A Calculus I (5)

MATH 16B	Short Calculus	(3)	MATH 16B	Calculus for Business and the Life and Social Sciences	(3)
			<u>OR</u>		
	<u>OR</u>		MATH 3B	Calculus II	(5)
MATH 17A	Calculus for BioSci	(4)	<u>OR</u>		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
	<u>OR</u>		NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
MATH 21A	Calculus	(4)	<u>OR</u>		
MATH 21B	Calculus	(4)	MATH 3A	Calculus I	(5)
			MATH 3B	Calculus II	(5)

h) PHYSICS 7A	General Physics	(4)	PHYS 3A &	General Physics	(5)
			PHYS 3B	General Physics	(5)
h) PHYSICS 7B	General Physics	(4)	PHYS 3A &	General Physics	(5)
			PHYS 3B	General Physics	(5)

It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

----- END OF MAJOR

- b) If a student takes GEOL 10 at Berkeley City College, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.
h) This articulation is series-for-series only.

====American Studies A.B.====

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](http://ucdavis.edu/transfer-admission). 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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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.

Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

AMR STD 10	Intro American Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
------------	------------------------	-----	---

ONE COURSE FROM THE FOLLOWING:

AMR STD 1A	Science and American Culture	(4)	NO COMPARABLE COURSE
AMR STD 1B	Relig in Am Lives	(4)	NO COMPARABLE COURSE
AMR STD 1C	American Lives	(4)	NO COMPARABLE COURSE
AMR STD 1E	Nat&Cult Amr	(4)	NO COMPARABLE COURSE
AMR STD 5	Tech in Amr Lives	(4)	NO COMPARABLE COURSE
AMR STD 21	Objects & Everyday Life	(4)	NO COMPARABLE COURSE
AMR STD 25	U.S. as Business Culture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AMR STD 30	Amr Images Pop Cult	(4)	NO COMPARABLE COURSE
AMR STD 55	Food in Amer Culture Same as: FD S&T 55	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AMR STD 59	Music and American Culture	(4)	NO COURSE ARTICULATED: College has not submitted courses for articulation

ONE COURSE FROM THE FOLLOWING:

AF-AMST 10	Af-Am Culture & Soc	(4)	NO COMPARABLE COURSE
A A STD 1	Hist Exp Asian Am	(4)	NO COMPARABLE COURSE
CHICANO 10	Intro to Chic Std	(4)	NO COMPARABLE COURSE
N A STD 1	Intro NA Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

ONE COURSE FROM THE FOLLOWING:

ANTHRO 2	Cultural Anthropology	(5)	ANTHR 3 Introduction to Social and Cultural Anthropology (3)
SOCIOL 2	Self and Society	(4)	NO COURSE ARTICULATED: College has not

d) WOM STD 50	Intro Gender Studies (4)	submitted course(s) for articulation WS 1 Introduction to Women's Studies (3)
---------------	--------------------------	--

ONE COURSE FROM THE FOLLOWING:

HISTORY 17A	U.S. History	(4)	HIST 7A	History of the United States (to 1877)	(3)
HISTORY 17B	U.S. History	(4)	HIST 7B	History of the United States (since 1865)	(3)
HISTORY 72A	Am Women & Gender	(4)	NO COMPARABLE COURSE		
HISTORY 72B	Am Women & Gender	(4)	NO COMPARABLE COURSE		

ONE COURSE FROM THE FOLLOWING:

ENGLISH 3	Intro to Lit	(4)	ENGL 1B	Composition and Reading	(4)
ENGLISH 10A	Literatures in English I: To 1700	(4)	ENGL 85A	Literature in English through Milton	(4)
ENGLISH 10B	Literatures in English II: 1700-1900	(4)	ENGL 85B	Literature in English: Late 17th Century through Mid-19th Century	(4)
ENGLISH 10C	Literatures in English III: 1900 to Present	(4)	ENGL 85C	Literature in English: Mid-19th Century through the 20th Century	(4)
FILM ST 1	Intro to Film Studies	(4)	HUMAN 21	Film: Art and Communication	(3)

Formerly Humanities 10

END OF MAJOR

d) **Berkeley City College's WS 1 must be taken for a letter grade in order to receive credit for UC Davis's WOM STD 50.**

====Animal Biology B.S.====

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. See the [UC Transfer Admission website](http://ucdavis.edu/transfer) for details. UC Davis requires that students complete the minimum transfer admission requirement 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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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 (A&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 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (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 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC 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. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

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 Transfer Admission website](#). The courses used for the A&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 CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 1A	General Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1B	General Biology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 1A & 1B	General Biology	(5)
				General Biology	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)

CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
<hr/>					
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
	OR		OR		
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 12A	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 12A &	Organic Chemistry	(5)
			CHEM 12B	Organic Chemistry	(5)
<hr/>					
MATH 16A	Short Calculus	(3)	MATH 16A	Calculus for Business and the Life and Social Sciences	(3)
			OR		
MATH 16B	Short Calculus	(3)	MATH 3A	Calculus I	(5)
			MATH 16B	Calculus for Business and the Life and Social Sciences	(3)
			OR		
MATH 16C	Short Calculus	(3)	MATH 3B	Calculus II	(5)
			MATH 16B	Calculus for Business and the Life and Social Sciences	(3)
			OR		
	OR		MATH 3B	Calculus II	(5)
MATH 17A	Calculus for BioSci	(4)	OR		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR		OR		
MATH 21A	Calculus	(4)	MATH 3A	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 3B	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 3C	Calculus III	(5)
<hr/>					
h) PHYSICS 7A	General Physics	(4)	PHYS 3A &	General Physics	(5)
			PHYS 3B	General Physics	(5)
h) PHYSICS 7B	General Physics	(4)	PHYS 3A &	General Physics	(5)
			PHYS 3B	General Physics	(5)
h) PHYSICS 7C	General Physics	(4)	PHYS 3A &	General Physics	(5)
			PHYS 3B	General Physics	(5)
It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.					
<hr/>					
STATIST 13	Elementary Statistics	(4)	MATH 13	Introduction to Statistics	(4)
	Same as: STATIST 13Y				
<hr/>					
AN BIOL 50A	Animal Biol Lab	(2)	NO COMPARABLE COURSE		
AN BIOL 50B	Animal Biology	(3)	NO COMPARABLE COURSE		
AN BIOL 50C	Animal Biology	(3)	NO COMPARABLE COURSE		

END OF MAJOR

h) **This articulation is series-for-series only.**

====Animal Science and Management B.S.====

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. See the [UC Transfer Admission website](#) for details. UC Davis requires that students complete the minimum transfer admission requirement 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.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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 (A&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 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (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 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC 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. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

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 Transfer Admission website](#). The courses used for the A&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 CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

AN SCI 1	Domest Ani & People	(4)	NO COMPARABLE COURSE	
AN SCI 2	Intro Animal Sci	(4)	NO COMPARABLE COURSE	
<hr/>				
BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 1A	General Biology (5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1B	General Biology (5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 1A &	General Biology (5)
			BIOL 1B	General Biology (5)
<hr/>				
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry (5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry (5)
			CHEM 1B	General Chemistry (5)
<hr/>				
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE	
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE	
<hr/>				
PL SCI 21	Computers in Technology	(3)	NO COMPARABLE COURSE	
	OR		OR	
B) ENG CS 15	Intro to Computers	(4)	CIS 1	Introduction to Computer Information Systems (4)
			OR	
			CIS 5	Introduction to Computer Science (5)
<hr/>				
ECON 1A	Princ of Microecon	(4)	ECON 2	Principles of Economics (3) (Micro-Economics)
ECON 1B	Princ of Macroecon	(4)	ECON 1	Principles of Economics (3) (Macro-Economics)
<hr/>				
MGMT 11A	Elem Accounting	(4)	BUS 1A &	Financial Accounting (4)
			BUS 1B	Managerial Accounting (4)
MGMT 11B	Elem Accounting	(4)	NO COMPARABLE COURSE	
<hr/>				
MATH 16A	Short Calculus	(3)	MATH 16A	Calculus for Business (3) and the Life and Social Sciences

MATH 16B	Short Calculus	(3)	<u>OR</u>	
			MATH 3A	Calculus I (5)
			MATH 16B	Calculus for Business (3)
				and the Life and Social Sciences
MATH 16C	Short Calculus	(3)	<u>OR</u>	
			MATH 3B	Calculus II (5)
			MATH 16B	Calculus for Business (3)
				and the Life and Social Sciences
MATH 17A	Calculus for BioSci	(4)	<u>OR</u>	
			MATH 3B	Calculus II (5)
MATH 17B	Calculus for Biosci	(4)	<u>OR</u>	
			NO COURSE ARTICULATED:	College has not submitted course(s) for articulation
MATH 17C	Calculus for BioSci	(4)	<u>OR</u>	
			NO COURSE ARTICULATED:	College has not submitted course(s) for articulation
MATH 21A	Calculus	(4)	<u>OR</u>	
			MATH 3A	Calculus I (5)
MATH 21B	Calculus	(4)	MATH 3B	Calculus II (5)
MATH 21C	Calculus	(4)	MATH 3C	Calculus III (5)

AREAS OF SPECIALIZATION:

AQUATIC ANIMALS SPECIALIZATION

AN SCI 18 Intro Aquaculture (4) | NO COMPARABLE COURSE

COMPANION ANIMALS SPECIALIZATION

AN SCI 42 Intro Comp Ani Bio (4) | NO COMPARABLE COURSE

DAIRY SPECIALIZATION

AN SCI 41 Domestic Ani Prod (2) | NO COMPARABLE COURSE
AN SCI 41L Domest An Prod Lab (2) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation

EQUINE SPECIALIZATION

AN SCI 15 Intro Horse Husb (3) | NO COMPARABLE COURSE

LIVESTOCK SPECIALIZATION

AN SCI 41 Domestic Ani Prod (2) | NO COMPARABLE COURSE
AN SCI 41L Domest An Prod Lab (2) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation

POULTRY SPECIALIZATION

AV SCI 11 Intro Poultry Sci (3) | NO COMPARABLE COURSE

RESTRICTED ELECTIVES (12 QUARTER UNITS):

AGRESEC 18 Business Law (4) | BUS 2 Introduction to Business (3)
| Law

END OF MAJOR

B) UCD ENG CS 15 not intended for Computer Science or Computer Science Engineering majors. Only two units of credit allowed to students who have completed PLT SCI 21.

====Animal Science B.S.====

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. See the [UC Transfer Admission website](#) for details. UC Davis requires that students complete the minimum transfer admission requirement 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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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 (A&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 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (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 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC 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. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

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 Transfer Admission website](#). The courses used for the A&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 CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

AN SCI 1	Domest Ani & People	(4)	NO COMPARABLE COURSE
AN SCI 2	Intro Animal Sci	(4)	NO COMPARABLE COURSE
AN SCI 41	Domestic Ani Prod	(2)	NO COMPARABLE COURSE
AN SCI 41L	Domest An Prod Lab	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 1A	General Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1B	General Biology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 1A & BIOL 1B	General Biology	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A & CHEM 1B	General Chemistry	(5)

CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
OR			OR		
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 12A	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 12A <u>&</u>	Organic Chemistry	(5)
			CHEM 12B	Organic Chemistry	(5)

MATH 16A	Short Calculus	(3)	MATH 16A	Calculus for Business and the Life and Social Sciences	(3)
			OR		
MATH 16B	Short Calculus	(3)	MATH 3A	Calculus I	(5)
			MATH 16B	Calculus for Business and the Life and Social Sciences	(3)
			OR		
	OR		MATH 3B	Calculus II	(5)
MATH 17A	Calculus for BioSci	(4)	OR		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

			submitted course(s) for articulation
	OR		OR
MATH 21A	Calculus	(4)	MATH 3A Calculus I (5)
MATH 21B	Calculus	(4)	MATH 3B Calculus II (5)

AREAS OF SPECIALIZATION:

AQUATIC ANIMALS

AN SCI 18 Intro Aquaculture (4) | NO COMPARABLE COURSE

AVIAN SCIENCES

AV SCI 13 Birds, Humans & Env (3) | NO COMPARABLE COURSE

COMPANION AND CAPTIVE ANIMALS

AN SCI 42 Intro Comp Ani Bio (4) | NO COMPARABLE COURSE

EQUINE SCIENCE

AN SCI 15 Intro Horse Husb (3) | NO COMPARABLE COURSE

LABORATORY ANIMALS

AN SCI 42 Intro Comp Ani Bio (4) | NO COMPARABLE COURSE

POULTRY

AV SCI 11 Intro Poultry Sci (3) | NO COMPARABLE COURSE

END OF MAJOR

====Anthropology A.B.====

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](http://ucdavis.edu/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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

EVOLUTIONARY EMPHASIS:

ANTHRO 1	Human Evol Biol	(4)	ANTHR 1	Introduction to Physical Anthropology	(3)
ANTHRO 2	Cultural Anthropology	(5)	ANTHR 3	Introduction to Social and Cultural Anthropology	(3)
ANTHRO 3	Intr to Archaeology	(4)	ANTHR 2	Introduction to Archaeology and Prehistory	(3)

ONE COURSE FROM THE FOLLOWING:

ANTHRO 15	Human Life Cycle	(5)	NO COMPARABLE COURSE
ANTHRO 23	Intr World Prehist	(4)	NO COMPARABLE COURSE
ANTHRO 24	Ancient Crops and People	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ANTHRO 50	Evolution and Human Nature	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
ANTHRO 54	Intro to Primatology	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation

ONE COURSE FROM THE FOLLOWING:

ANTHRO 13	Sci Method in Physical Anthropology	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE
STATIST 13	Elementary Statistics	(4)	MATH 13 Introduction to Statistics (4)
Same as: STATIST 13Y			
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE

SOCIOCULTURAL EMPHASIS:

ANTHRO 2	Cultural Anthropology	(5)	ANTHR 3	Introduction to Social and Cultural Anthropology	(3)
----------	-----------------------	-----	---------	--	-----

TWO COURSES FROM THE FOLLOWING:

ANTHRO 1	Human Evol Biol	(4)	ANTHR 1	Introduction to	(3)
ANTHRO 3	Intr to Archaeology	(4)	ANTHR 2	Physical Anthropology	(3)
ANTHRO 4	Anthro Linguistics	(4)		Introduction to	(3)
				Archaeology and	
				Prehistory	
			ANTHR 18	Introduction to	(3)
				Anthropological	
				Linguistics	

SELECT ONE OF THE FOLLOWING TWO OPTIONS:

1) Two additional quarters of the foreign language used to meet the L & S language requirement.

2) Two courses from the following list:

ANTHRO 20	Comparative Cultures	(4)	NO COMPARABLE COURSE
ANTHRO 30	Sexualities	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ANTHRO 32	Drugs, Science and Culture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
Same as: SCI&TEC 32			
ANTHRO 34	Cultures of Consumerism	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

END OF MAJOR

====Anthropology B.S.====

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. See the [UC Transfer Admission website](#) for details. UC Davis requires that students complete the minimum transfer admission requirement 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.

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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

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.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

ANTHRO 1	Human Evol Biol	(4)	ANTHR 1	Introduction to Physical Anthropology	(3)
ANTHRO 2	Cultural Anthropology	(5)	ANTHR 3	Introduction to Social and Cultural Anthropology	(3)
ANTHRO 3	Intr to Archaeology	(4)	ANTHR 2	Introduction to Archaeology and Prehistory	(3)
<hr/>					
BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 1A	General Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1B	General Biology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 1A & BIOL 1B	General Biology	(5)
<hr/>					
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A & CHEM 1B	General Chemistry	(5)
<hr/>					
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
OR			OR		
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 12A	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 12A & CHEM 12B	Organic Chemistry	(5)
<hr/>					
MATH 16A	Short Calculus	(3)	MATH 16A	Calculus for Business and the Life and Social Sciences	(3)
			OR		
MATH 16B	Short Calculus	(3)	MATH 3A	Calculus I	(5)
			MATH 16B	Calculus for Business and the Life and Social Sciences	(3)
			OR		
MATH 16C	Short Calculus	(3)	MATH 3B	Calculus II	(5)
			MATH 16B	Calculus for Business and the Life and Social Sciences	(3)
			OR		
OR			MATH 3B	Calculus II	(5)
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
OR			OR		
MATH 21A	Calculus	(4)	MATH 3A	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 3B	Calculus II	(5)

ONE COURSE FROM THE FOLLOWING:

ANTHRO 13	Sci Method in Physical Anthropology	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE
STATIST 13	Elementary Statistics	(4)	MATH 13 Introduction to Statistics (4)
Same as:	STATIST 13Y		
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE

END OF MAJOR

====Applied Mathematics B.S.====

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. See the [UC Transfer Admission website](#) for details. UC Davis requires that students complete the minimum transfer admission requirement 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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

Recommended Language Preparation Note:

Bachelor of Science degree candidates are advised, but not required, to satisfy the same language requirement as that for a Bachelor of Arts degree candidate, and to fulfill it in French, German or Russian. View the [UC Davis General Catalog](#) for additional information about the Foreign Language and Area Requirements, College of Letters and Science.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for **AP** and **IB** are also

available from our TAG website.

MATH 21A	Calculus	(4)	MATH 3A	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 3B	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 3C	Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH 3C	Calculus III	(5)
MATH 22B	Differntl Equations	(3)	MATH 3F	Differential Equations	(3)
MATH 22AL	Lin Alg Comp Lab	(1)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

or equivalent basic knowledge of MATLAB.

BOTH OF THE FOLLOWING COURSES:

MATH 22A	Linear Algebra	(3)	MATH 3E	Linear Algebra	(3)
AND			AND		
MATH 108	Intro Abstract Math	(4)	This course must be taken at UC Davis		

OR SELECT THE FOLLOWING COURSE:

MATH 67	Modern Linear Algebra	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
---------	-----------------------	-----	---	--	--

NOTE: Basic knowledge of MATLAB is required for both MATH 67 and 22A. Students can learn it on their own, enroll in Engineering 6, Mechanical Engineering 5 or in the one unit course Mathematics 22AL (may be taken concurrently).

ENG CS 32A	Intro to Programming	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	Formerly ENG CS 10				
ENGIN 6	Engr Prob Solving	(4)	NO COMPARABLE COURSE		

Please note that the community college's computer science courses may not be identical to UC Davis courses. Community college students, upon transfer to UC Davis, may need to make up any topic or language deficiencies.

STUDENTS WILL NEED TO CHOOSE ONE OF THE FOLLOWING TWO-COURSE SEQUENCES:

BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 1A	General Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1B	General Biology	(5)
OR			OR		
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry	(5)
OR			OR		
ECON 1A	Princ of Microecon	(4)	ECON 2	Principles of Economics (Micro-Economics)	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 1	Principles of Economics (Macro-Economics)	(3)
OR			OR		
q) PHYSICS 9A	Classical Physics	(5)	PHYS 4A &	General Physics with Calculus	(5)
			PHYS 4B &	General Physics with Calculus	(5)
			PHYS 4C	General Physics with Calculus	(5)
q) PHYSICS 9B	Classical Physics	(5)	PHYS 4A &	General Physics with Calculus	(5)
			PHYS 4B &	General Physics with Calculus	(5)
			PHYS 4C	General Physics with Calculus	(5)
OR			OR		
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		
STATIST 100	Applied Stats for Bio	(4)	This course must be taken at UC Davis		

OR

OTHER APPROVED APPLIED PREPARATORY COURSES

END OF MAJOR

q) This is a series-by-series articulation, not course-by-course. If students do not complete the entire series of 4A, 4B, and 4C at Berkeley City College, they may make up missing material by taking Physics 49 at UC Davis.

====Applied Physics B.S.====

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 a calculus-based physics series, a calculus series through linear algebra and differential equations, and a formal course in C programming before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree. As a result, students who expect to graduate in two years will need the recommended courses upon entry.

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.

Special Advising Note for future applicants:*

Beginning fall 2020, the major applied physics will become selective and will require preparatory coursework for admission. Any required courses that are offered at your current campus will need to be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses will not be offered at your college, you must complete them after enrolling at UC Davis.

Transfer students must earn an overall GPA of 2.80 or higher to be competitive candidates for admission to this major (3.20 or higher for TAG applicants).

Strive to achieve your highest possible GPA in order to be most competitive. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 3.00 for the selective major course group. It is recommended that candidates have a cumulative GPA of at least 3.00 for the group of courses below that have been completed at the time of application and through the transfer academic update filing period. Whether planning for the general application or TAG process, courses must be taken for a letter grade, with no grade less than C. (Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC course equivalents).

-Physics 9A/B/C/D or Physics 9HA/HB/HC/HD/HE
-Mathematics 21A/B/C/D
-Mathematics 22A/B

*Information for future applicants is subject to change

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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

q) PHYSICS 9A	Classical Physics	(5)	PHYS 4A &	General Physics with Calculus	(5)
			PHYS 4B &	General Physics with Calculus	(5)
			PHYS 4C	General Physics with Calculus	(5)
q) PHYSICS 9B	Classical Physics	(5)	PHYS 4A &	General Physics with Calculus	(5)
			PHYS 4B &	General Physics with Calculus	(5)
			PHYS 4C	General Physics with Calculus	(5)
q) PHYSICS 9C	Classical Physics	(5)	PHYS 4A &	General Physics with Calculus	(5)
			PHYS 4B &	General Physics with Calculus	(5)
			PHYS 4C	General Physics with Calculus	(5)
PHYSICS 9D	Modern Physics	(4)	NO COMPARABLE COURSE		
	OR			OR	
PHYSICS 9HA	Honors Physics	(5)	NO COMPARABLE COURSE		
PHYSICS 9HB	Honors Physics	(5)	NO COMPARABLE COURSE		
PHYSICS 9HC	Honors Physics	(5)	NO COMPARABLE COURSE		
PHYSICS 9HD	Honors Physics	(5)	NO COMPARABLE COURSE		
PHYSICS 9HE	Honors Physics	(5)	NO COMPARABLE COURSE		
MATH 21A	Calculus	(4)	MATH 3A	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 3B	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 3C	Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH 3C	Calculus III	(5)
MATH 22A	Linear Algebra	(3)	MATH 3E	Linear Algebra	(3)
MATH 22B	Differntl Equations	(3)	MATH 3F	Differential Equations	(3)

ATMOSPHERIC PHYSICS CONCENTRATION

PHYSICS 40 Intr Physics Computation (4) | NO COURSE ARTICULATED

CHEMICAL PHYSICS CONCENTRATION

CHEM 2A Genl Chemistry (5) | CHEM 1A General Chemistry (5)

CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
PHYSICS 40	Intr Physics Computation	(4)	NO COURSE	ARTICULATED	

COMPUTATIONAL PHYSICS CONCENTRATION

ENG CS 36A	Programming	(4)	CIS 6	Introduction to Computer	(5)
	Formerly ENG CS 30			Programming	
ENG CS 36B	Object-Oriented Program	(4)	CIS 25	Object Orientated	(4)
	Formerly ENG CS 40			Programming Using C++	
			<u>OR</u>		
			CIS 36A	Java Programming	(4)
				Language I	
			<u>OR</u>		
			CIS 36B	Java Programming	(4)
				Language II	

Please note that the community college's computer science courses may not be identical to UC Davis courses. Community college students, upon transfer to UC Davis, may need to make up any topic or language deficiencies.

GEOPHYSICS CONCENTRATION

PHYSICS 40	Intr Physics Computation	(4)	NO COURSE	ARTICULATED
------------	--------------------------	-----	-----------	-------------

MATERIALS SCIENCE CONCENTRATION

PHYSICS 40	Intr Physics Computation	(4)	NO COURSE	ARTICULATED
------------	--------------------------	-----	-----------	-------------

PHYSICAL ELECTRONICS CONCENTRATION

ENGIN 17	Circuits I	(4)	NO COMPARABLE	COURSE
PHYSICS 40	Intr Physics Computation	(4)	NO COURSE	ARTICULATED
PHYSICS 80	Experimental Techniques	(4)	NO COURSE	ARTICULATED

PHYSICAL OCEANOGRAPHY CONCENTRATION

PHYSICS 40	Intr Physics Computation	(4)	NO COURSE	ARTICULATED
------------	--------------------------	-----	-----------	-------------

END OF MAJOR

q) **This is a series-by-series articulation, not course-by-course. If students do not complete the entire series of 4A, 4B, and 4C at Berkeley City College, they may make up missing material by taking Physics 49 at UC Davis.**

====Art History A.B.====

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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

FOUR COURSES FROM THE FOLLOWING:

ARTHI 1A	Ancient Mediterranean Art	(4)	NO COMPARABLE COURSE
ARTHI 1B	Mediev&Renaiss Art	(4)	NO COMPARABLE COURSE
ARTHI 1C	Baroque to Modern Art	(4)	NO COMPARABLE COURSE
ARTHI 1D	Arts of Asia	(4)	NO COMPARABLE COURSE
ARTHI 1E	Islamic Art & Architecture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ARTHI 5	Visual Culture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ARTHI 25	Understanding Architecture	(4)	NO COMPARABLE COURSE

ONE ART STUDIO COURSE FROM:

ART 2	Beginning Drawing	(4)	ART 20	Beginning Drawing and Composition	(3)
ART 5	Beginning Sculpture	(4)	NO COMPARABLE COURSE		
ART 7	Beginning Painting	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
ART 8	Beginning Ceramic Sculpture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ART 9	Beginning Photography	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ART 11	Beginning Printmaking	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ART 12	Beginning Video	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ART 24	Intro Experimental Video and Film	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

END OF MAJOR

====Art Studio A.B.====

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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

FOUR COURSES FROM THE FOLLOWING:

ART 2	Beginning Drawing	(4)	ART 20	Beginning Drawing and Composition	(3)
ART 5	Beginning Sculpture	(4)	NO COMPARABLE COURSE		
ART 7	Beginning Painting	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
ART 8	Beginning Ceramic Sculpture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ART 9	Beginning Photography	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

ART 11	Beginning Printmaking	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ART 12	Beginning Video	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
TWO LECTURE COURSES CHOSEN FROM THE FOLLOWING:			
ART 24	Intro Experimental Video and Film	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ART 30	Contemp Vis Culture	(4)	NO COMPARABLE COURSE
ARTHI 1A	Ancient Mediterranean Art	(4)	NO COMPARABLE COURSE
ARTHI 1B	Mediev&Renaiss Art	(4)	NO COMPARABLE COURSE
ARTHI 1C	Baroque to Modern Art	(4)	NO COMPARABLE COURSE
ARTHI 1D	Arts of Asia	(4)	NO COMPARABLE COURSE
ARTHI 1E	Islamic Art & Architecture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ARTHI 5	Visual Culture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ARTHI 25	Understanding Architecture	(4)	NO COMPARABLE COURSE
END OF MAJOR			

====Asian American Studies A.B.====

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](http://ucdavis.edu/transfer-admission). 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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more

information.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

A A STD 1	Hist Exp Asian Am	(4)	NO COMPARABLE COURSE
A A STD 2	Contemp Issues of Asian Americans	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
A A STD 3	Social & Psychological Perspectives of Asian Americans	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
A A STD 4	Asian Amer Cultural Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

AT LEAST TWO COURSES FROM THE FOLLOWING:

AF-AMST 10	Af-Am Culture & Soc	(4)	NO COMPARABLE COURSE
AF-AMST 12	Intro Afro Studies	(4)	NO COMPARABLE COURSE
AF-AMST 15	Intro Afro Amer Hum	(4)	NO COMPARABLE COURSE
AF-AMST 16	African Verbal Arts	(4)	NO COMPARABLE COURSE
AF-AMST 17	Women in Africa	(4)	NO COMPARABLE COURSE
AF-AMST 18	Intro Caribbean Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AF-AMST 50	Blk Images Pop Cult	(4)	NO COMPARABLE COURSE
AF-AMST 51	History Af-Amr Dance	(4)	NO COMPARABLE COURSE
AF-AMST 52	Afr Tradit Relig	(4)	NO COMPARABLE COURSE
AF-AMST 80	Black Politics	(4)	NO COMPARABLE COURSE
AMR STD 1A	Science and American Culture	(4)	NO COMPARABLE COURSE
AMR STD 1B	Relig in Am Lives	(4)	NO COMPARABLE COURSE
AMR STD 1C	American Lives	(4)	NO COMPARABLE COURSE
AMR STD 1E	Nat&Cult Amr	(4)	NO COMPARABLE COURSE
AMR STD 5	Tech in Amr Lives	(4)	NO COMPARABLE COURSE
AMR STD 10	Intro American Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AMR STD 21	Objects & Everyday Life	(4)	NO COMPARABLE COURSE
AMR STD 25	U.S. as Business Culture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AMR STD 30	Amr Images Pop Cult	(4)	NO COMPARABLE COURSE
AMR STD 55	Food in Amer Culture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
Same as: FD S&T 55			
AMR STD 59	Music and American Culture	(4)	NO COURSE ARTICULATED: College has not submitted courses for articulation
CHICANO 10	Intro to Chic Std	(4)	NO COMPARABLE COURSE
CHICANO 21	Hlth Care Issues	(4)	NO COMPARABLE COURSE
CHICANO 30	US Poli & Chicanos	(4)	NO COMPARABLE COURSE
CHICANO 40	Comparative Health	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHICANO 50	Chicano Culture	(4)	NO COMPARABLE COURSE
CHICANO 60	Chicana and Chicano Representn in Cinema	(4)	NO COMPARABLE COURSE
CHICANO 65	New Latin American Cinema	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHICANO 70	Survey Chic Art	(4)	NO COMPARABLE COURSE
CHICANO 73	Art Expr Silk Scr	(4)	NO COMPARABLE COURSE
N A STD 1	Intro NA Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
N A STD 5	Intro NA Literature	(4)	HIST 33 History of Native American Thought and Literature (3)

N A STD 7	Indig & Minority Langs	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
N A STD 10	NA Experience	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
N A STD 12	Native Amer/Indigenous Film	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
N A STD 32	NA Music & Dance	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
N A STD 33	Intro NA Art	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
N A STD 34	NA Art Workshop	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
WOM STD 20	Cult Repr of Gndr	(4)	NO COMPARABLE COURSE	
WOM STD 25	Gender & Global Cinema	(4)	WS 52 Women and Cinema	(4)
			Same as:	
d) WOM STD 50	Intro Gender Studies	(4)	WS 1 Introduction to Women's Studies	(3)
WOM STD 60	Feminist Critiques	(4)	NO COMPARABLE COURSE	
WOM STD 70	Sexual:Thry&Hist	(4)	NO COMPARABLE COURSE	
AT LEAST TWO COURSES FROM THE FOLLOWING METHODS COURSES:				
ANTHRO 13	Sci Method in Physical Anthropology	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
ARTHI 5	Visual Culture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
ART 10	Fine Art Appreciation	(4)	ART 1 Introduction to Art History	(3)
ART 30	Contemp Vis Culture	(4)	NO COMPARABLE COURSE	
CHICANO 23	Qualitative Research Methods	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
ENGLISH 42	Approaches to Reading	(4)	NO COMPARABLE COURSE	
PHILOS 5	Critical Reasoning	(4)	PHIL 10 Logic	(3)
N A STD 46	Orientation to Research in NAS	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
POL SCI 51	Scientific Study of Politics	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
PSYCH 41	Research Methods	(4)	PSYCH 28 Introduction to Research Methods in Psychology	(3)
SOCIOL 46A	Intro Social Rsch	(4)	SOC 120 Introduction to Research Methods	(3)
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE	
STATIST 13	Elementary Statistics	(4)	MATH 13 Introduction to Statistics	(4)
	Same as: STATIST 13Y			

END OF MAJOR

d) **Berkeley City College's WS 1 must be taken for a letter grade in order to receive credit for UC Davis's WOM STD 50.**

====Atmospheric Science B.S.====

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. See the [UC Transfer Admission website](#) for details. UC Davis requires that students complete the minimum transfer admission requirement 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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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 (A&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 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (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 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC 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. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

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 Transfer Admission website](#). The courses used for the A&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 CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

PL SCI 2	Bot Physio Cul Plt	(4)		NO COMPARABLE COURSE	
CHEM 2A	Genl Chemistry	(5)		CHEM 1A	General Chemistry (5)
CHEM 2B	Genl Chemistry	(5)		CHEM 1A &	General Chemistry (5)
				CHEM 1B	General Chemistry (5)
ENG CS 36A	Programming	(4)		CIS 6	Introduction to Computer (5)
Formerly ENG CS 30					Programming

or a course selected with advisor's approval

MATH 21A	Calculus	(4)		MATH 3A	Calculus I (5)
MATH 21B	Calculus	(4)		MATH 3B	Calculus II (5)
MATH 21C	Calculus	(4)		MATH 3C	Calculus III (5)
MATH 21D	Vector Analysis	(4)		MATH 3C	Calculus III (5)
MATH 22A	Linear Algebra	(3)		MATH 3E	Linear Algebra (3)
MATH 22B	Differntl Equations	(3)		MATH 3F	Differential Equations (3)
ATM SCI 60	Intro to Atmospheric Science	(4)		NO COMPARABLE COURSE	
q) PHYSICS 9A	Classical Physics	(5)		PHYS 4A &	General Physics with Calculus (5)
				PHYS 4B &	General Physics with Calculus (5)
				PHYS 4C	General Physics with Calculus (5)
q) PHYSICS 9B	Classical Physics	(5)		PHYS 4A &	General Physics with Calculus (5)
				PHYS 4B &	General Physics with Calculus (5)
				PHYS 4C	General Physics with Calculus (5)
q) PHYSICS 9C	Classical Physics	(5)		PHYS 4A &	General Physics with Calculus (5)
				PHYS 4B &	General Physics with Calculus (5)
				PHYS 4C	General Physics with Calculus (5)
STATIST 13	Elementary Statistics	(4)		MATH 13	Introduction to Statistics (4)
Same as: STATIST 13Y					

PREPARATION FOR GRADUATION:

ENGIN 6	Engr Prob Solving	(4)		NO COMPARABLE COURSE
---------	-------------------	-----	--	----------------------

END OF MAJOR

q) **This is a series-by-series articulation, not course-by-course.** If students do not complete the entire series of 4A, 4B, and 4C at Berkeley City College, they may make up missing material by taking Physics 49 at UC Davis.

====Biochemical Engineering B.S.====

Special Advising Note:

ARTICULATION FOR THIS MAJOR IS UNDER REVIEW. You may view the previous year's agreement, but be advised that articulation is subject to change from year to year.

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

College of Engineering applicants to fall 2019 should view the majors guide effective for the 2017-18 academic year. (Go to ASSIST.org and click on the red notice that appears at the top of the page after you enter a college or university). Admission selection for fall 2019 will be based upon ALL courses published as REQUIRED FOR ADMISSION on the 2017-18 majors guide for the major. You may also view this information as published in the College of Engineering Transfer Credit Agreement at <http://engineering.ucdavis.edu/transfer-credit-agreements/>

Special Advising Note:

All majors in the College of Engineering are selective and require preparatory coursework for admission. Transfer applicants must earn an overall transfer GPA of 3.10 or higher to be competitive candidates for admission to any engineering major. Strive to achieve your highest possible GPA in order to be most competitive. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents.

Transfer applicants must also complete all lower-division courses required for their specific engineering major as listed below under courses "Required for Admission" with a cumulative GPA of 3.20 or higher for those courses completed at the time of application and through the transfer academic update filing period. Before submitting a UC application, students must have already achieved a cumulative GPA of 3.20 or higher in required lower-division major coursework completed. If one course from the group is completed at the time the application is submitted, the grade for that one course must be B+ or better. If two or more courses from the group are completed at the time the application is submitted, the GPA for those courses combined must be a 3.20 or higher.

Any required courses that are offered at your current college must be completed by the close of spring term for fall enrollment at UC Davis. If required courses are not offered at your California Community College (i.e. those identified on ASSIST as NO COMPARABLE COURSE or NO COURSE ARTICULATED), you must complete them after enrolling at UC Davis.

In addition to completing preparatory courses for the major, students must also meet UC transfer admission requirements by the close of spring term for fall enrollment at UC Davis. 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. See the UC Davis [transfer admission website](#) for details.

IGETC: Transfer students should place highest priority on completing all requirements for their chosen engineering major. By completing the Intersegmental General Education Transfer Curriculum (IGETC) however, the General Education (GE) requirement at UC Davis will be totally satisfied for all UC Davis GE requirements that may be met with lower-division courses. Completing IGETC is not required, nor does it improve the likelihood you will be admitted. See additional GE information below.

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 our website for details regarding [UC Davis TAG](#).

General Education (GE) Note:

For information concerning satisfaction of UC Davis GE requirements, please go to the For General Education/Breadth section of ASSIST and select any GE area from the pull-down menu or view the "General Education" section of the 2018-19 [UC Davis General Catalog](#) online.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-2019 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

When there are more applicants than spaces available in the College of Engineering, priority is given to California community college transfers who have an overall UC transferable GPA of 3.10 or higher and who have completed all lower-division engineering major requirements available at the student's community college with a minimum GPA of 3.20 in these required courses. Contact your counselor or the UC Davis College of Engineering Undergraduate Office at (530)752-1979, or consult the [College of Engineering website](#) if you have any questions.

END OF MAJOR

====Biochemistry and Molecular Biology B.S.====

Special Advising Note:

The following majors in the College of the Biological Sciences--biochemistry and molecular biology; biological sciences; cell biology; evolution, ecology, and biodiversity; genetics and genomics; marine and coastal science (marine ecology & organismal biology); microbiology; neurobiology, physiology, and behavior; and plant biology--are selective and require preparatory coursework for admission. Any required courses that are offered at your current campus must be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses are not offered at your college, you must complete them after enrolling at UC Davis.

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.

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.50 for each of the three course groups. It is recommended that candidates have already achieved the minimum required GPAs for the courses in the groups below that have been completed by the time of application and maintain them through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

Mathematics 17A/B/C or 21A/B
Chemistry 2A/B/C

Biological Sciences 2A/B/C

It is also strongly recommended that transfer students complete courses comparable to the following UC Davis courses. Completion of these courses will help you move more efficiently toward graduation. Courses should be taken for a letter grade, with no grade less than C:

Organic Chemistry series cited on ASSIST for your major*
Physics 7A/B/C or the physics series cited on ASSIST
for your intended College of Biological Sciences major (especially
useful for Neurobiology, Physiology and Behavior majors).

* Students planning for the major biochemistry and molecular biology should complete Organic Chemistry 118A/B/C rather than 8A/B. Students planning for the major marine and coastal science (marine ecology & organismal biology) should complete Organic Chemistry 8A/B; however, students may substitute Chemistry 118A/B/C.

Transfer students must also meet UC transfer admission requirements. UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. See the [UC Transfer Admission webpage](#). 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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1A	General Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1B	General Biology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 1A & 1B	General Biology	(5)
<hr/>					
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A & 1B	General Chemistry	(5)
				CHEM 1B	General Chemistry (5)

CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
	OR			OR	
CHEM 2AH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
CHEM 2BH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
CHEM 2CH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		

MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

	OR			OR	
MATH 21A	Calculus	(4)	MATH 3A	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 3B	Calculus II	(5)

h) PHYSICS 7A	General Physics	(4)	PHYS 3A &	General Physics	(5)
			PHYS 3B	General Physics	(5)
h) PHYSICS 7B	General Physics	(4)	PHYS 3A &	General Physics	(5)
			PHYS 3B	General Physics	(5)
h) PHYSICS 7C	General Physics	(4)	PHYS 3A &	General Physics	(5)
			PHYS 3B	General Physics	(5)

It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

	OR			OR	
q) PHYSICS 9A	Classical Physics	(5)	PHYS 4A &	General Physics with Calculus	(5)
			PHYS 4B &	General Physics with Calculus	(5)
			PHYS 4C	General Physics with Calculus	(5)
q) PHYSICS 9B	Classical Physics	(5)	PHYS 4A &	General Physics with Calculus	(5)
			PHYS 4B &	General Physics with Calculus	(5)
			PHYS 4C	General Physics with Calculus	(5)
q) PHYSICS 9C	Classical Physics	(5)	PHYS 4A &	General Physics with Calculus	(5)
			PHYS 4B &	General Physics with Calculus	(5)
			PHYS 4C	General Physics with Calculus	(5)

CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 12A	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 12A &	Organic Chemistry	(5)
			CHEM 12B	Organic Chemistry	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 12B	Organic Chemistry	(5)
	OR			OR	
CHEM 128A	Organic Chemistry	(3)	CHEM 12A	Organic Chemistry	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 12A &	Organic Chemistry	(5)
			CHEM 12B	Organic Chemistry	(5)
CHEM 128C	Organic Chemistry	(3)	CHEM 12B	Organic Chemistry	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 12A	Organic Chemistry	(5)
CHEM 129B	Organic Chem Lab	(2)	CHEM 12A &	Organic Chemistry	(5)
			CHEM 12B	Organic Chemistry	(5)

RECOMMENDED:

END OF MAJOR

- h) This articulation is series-for-series only.
q) This is a series-by-series articulation, not course-by-course. If students do not complete the entire series of 4A, 4B, and 4C at Berkeley City College, they may make up missing material by taking Physics 49 at UC Davis.

====Biological Sciences A.B.====

Special Advising Note:

The following majors in the College of the Biological Sciences--biochemistry and molecular biology; biological sciences; cell biology; evolution, ecology, and biodiversity; genetics and genomics; marine and coastal science (marine ecology & organismal biology); microbiology; neurobiology, physiology, and behavior; and plant biology--are selective and require preparatory coursework for admission. Any required courses that are offered at your current campus must be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses are not offered at your college, you must complete them after enrolling at UC Davis.

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.

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.50 for each of the three course groups. It is recommended that candidates have already achieved the minimum required GPAs for the courses in the groups below that have been completed by the time of application and maintain them through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

Mathematics 17A/B/C or 21A/B
Chemistry 2A/B/C
Biological Sciences 2A/B/C

It is also strongly recommended that transfer students complete courses comparable to the following UC Davis courses. Completion of these courses will help you move more efficiently toward graduation. Courses should be taken for a letter grade, with no grade less than C:

Organic Chemistry series cited on ASSIST for your major*
Physics 7A/B/C or the physics series cited on ASSIST
for your intended College of Biological Sciences major (especially
useful for Neurobiology, Physiology and Behavior majors).

* Students planning for the major biochemistry and molecular biology should complete Organic Chemistry 118A/B/C rather than 8A/B. Students planning for the major marine and coastal science (marine ecology & organismal biology) should complete Organic Chemistry 8A/B; however, students may substitute Chemistry 118A/B/C.

Transfer students must also meet UC transfer admission requirements. UC Davis requires that students complete the minimum transfer admission requirements by

the end of spring term prior to fall enrollment. See the [UC Transfer Admission webpage](#). 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.

Special Note for Transfer Students Considering an A.B. Degree in this Major:

Applicants to majors in the College of Biological Sciences apply to the major, without reference to A.B. or B.S. degrees, which are chosen after enrollment at UC Davis. All majors currently offered in the College of Biological Sciences are selective for purposes of admission; therefore, in order to be considered for admission in this selective major, transfer students who plan to pursue the A.B. degree MUST also complete Chemistry 2C and additional courses in math. At a minimum, for admission students MUST complete courses comparable to UC Davis's Biological Sciences 2A/B/C; Mathematics 17A/B/C or 21A/B; and Chemistry 2A/B/C. See the following recommended course articulation.

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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1A	General Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1B	General Biology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 1A & BIOL 1B	General Biology	(5)
<hr/>					
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A & CHEM 1B	General Chemistry	(5)

CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE	
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE	
OR			OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 12A	Organic Chemistry (5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 12A &	Organic Chemistry (5)
			CHEM 12B	Organic Chemistry (5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 12B	Organic Chemistry (5)

MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
OR			OR	
MATH 21A	Calculus	(4)	MATH 3A	Calculus I (5)
MATH 21B	Calculus	(4)	MATH 3B	Calculus II (5)

PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE	
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE	
OR			OR	
h) PHYSICS 7A	General Physics	(4)	PHYS 3A &	General Physics (5)
			PHYS 3B	General Physics (5)
h) PHYSICS 7B	General Physics	(4)	PHYS 3A &	General Physics (5)
			PHYS 3B	General Physics (5)
h) PHYSICS 7C	General Physics	(4)	PHYS 3A &	General Physics (5)
			PHYS 3B	General Physics (5)

It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

RECOMMENDED COURSES FOR THIS MAJOR:

CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry (5)

MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
OR			OR	
MATH 21C	Calculus	(4)	MATH 3C	Calculus III (5)

END OF MAJOR

h) This articulation is series-for-series only.

====Biological Sciences B.S.====

Special Advising Note:

The following majors in the College of the Biological Sciences--biochemistry and molecular biology; biological sciences; cell biology; evolution, ecology, and biodiversity; genetics and genomics; marine and coastal science (marine ecology & organismal biology); microbiology; neurobiology, physiology, and behavior; and plant biology--are selective and require preparatory coursework for admission. Any required courses that are offered at your current campus must be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses are not offered at your college, you must complete them after enrolling at UC Davis.

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.

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.50 for each of the three course groups. It is recommended that candidates have already achieved the minimum required GPAs for the courses in the groups below that have been completed by the time of application and maintain them through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

Mathematics 17A/B/C or 21A/B
Chemistry 2A/B/C
Biological Sciences 2A/B/C

It is also strongly recommended that transfer students complete courses comparable to the following UC Davis courses. Completion of these courses will help you move more efficiently toward graduation. Courses should be taken for a letter grade, with no grade less than C:

Organic Chemistry series cited on ASSIST for your major*
Physics 7A/B/C or the physics series cited on ASSIST
for your intended College of Biological Sciences major (especially
useful for Neurobiology, Physiology and Behavior majors).

* Students planning for the major biochemistry and molecular biology should complete Organic Chemistry 118A/B/C rather than 8A/B. Students planning for the major marine and coastal science (marine ecology & organismal biology) should complete Organic Chemistry 8A/B; however, students may substitute Chemistry 118A/B/C.

Transfer students must also meet UC transfer admission requirements. UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. See the [UC Transfer Admission webpage](#). 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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1A	General Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1B	General Biology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 1A &	General Biology	(5)
			BIOL 1B	General Biology	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
	OR			OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 12A	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 12A &	Organic Chemistry	(5)
			CHEM 12B	Organic Chemistry	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 12B	Organic Chemistry	(5)
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 3A	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 3B	Calculus II	(5)
h) PHYSICS 7A	General Physics	(4)	PHYS 3A &	General Physics	(5)
			PHYS 3B	General Physics	(5)
h) PHYSICS 7B	General Physics	(4)	PHYS 3A &	General Physics	(5)
			PHYS 3B	General Physics	(5)
h) PHYSICS 7C	General Physics	(4)	PHYS 3A &	General Physics	(5)
			PHYS 3B	General Physics	(5)

It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

RECOMMENDED COURSES FOR THIS MAJOR:

MATH 21C	Calculus	(4)	MATH 3C	Calculus III	(5)
----------	----------	-----	---------	--------------	-----

END OF MAJOR

h) **This articulation is series-for-series only.**

====Biological Systems Engineering B.S.====

Special Advising Note:

ARTICULATION FOR THIS MAJOR IS UNDER REVIEW. You may view the previous

year's agreement, but be advised that articulation is subject to change from year to year.

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

College of Engineering applicants to fall 2019 should view the majors guide effective for the 2017-18 academic year. (Go to ASSIST.org and click on the red notice that appears at the top of the page after you enter a college or university). Admission selection for fall 2019 will be based upon ALL courses published as REQUIRED FOR ADMISSION on the 2017-18 majors guide for the major. You may also view this information as published in the College of Engineering Transfer Credit Agreement at

<http://engineering.ucdavis.edu/transfer-credit-agreements/>

Special Advising Note:

All majors in the College of Engineering are selective and require preparatory coursework for admission. Transfer applicants must earn an overall transfer GPA of 3.10 or higher to be competitive candidates for admission to any engineering major. Strive to achieve your highest possible GPA in order to be most competitive. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents.

Transfer applicants must also complete all lower-division courses required for their specific engineering major as listed below under courses "Required for Admission" with a cumulative GPA of 3.20 or higher for those courses completed at the time of application and through the transfer academic update filing period. Before submitting a UC application, students must have already achieved a cumulative GPA of 3.20 or higher in required lower-division major coursework completed. If one course from the group is completed at the time the application is submitted, the grade for that one course must be B+ or better. If two or more courses from the group are completed at the time the application is submitted, the GPA for those courses combined must be a 3.20 or higher.

Any required courses that are offered at your current college must be completed by the close of spring term for fall enrollment at UC Davis. If required courses are not offered at your California Community College (i.e. those identified on ASSIST as NO COMPARABLE COURSE or NO COURSE ARTICULATED), you must complete them after enrolling at UC Davis.

In addition to completing preparatory courses for the major, students must also meet UC transfer admission requirements by the close of spring term for fall enrollment at UC Davis. 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. See the UC Davis [transfer admission website](#) for details.

IGETC: Transfer students should place highest priority on completing all requirements for their chosen engineering major. By completing the Intersegmental General Education Transfer Curriculum (IGETC) however, the General Education (GE) requirement at UC Davis will be totally satisfied for all UC Davis GE requirements that may be met with lower-division courses. Completing IGETC is not required, nor does it improve the likelihood you will be admitted. See additional GE information below.

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 our website for details regarding [UC Davis TAG](#).

General Education (GE) Note:

For information concerning satisfaction of UC Davis GE requirements, please go to the For General Education/Breadth section of ASSIST and select any GE area from the pull-down menu or view the "General Education" section of the 2018-19 [UC Davis General Catalog](#) online.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-2019 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

When there are more applicants than spaces available in the College of Engineering, priority is given to California community college transfers who have an overall UC transferable GPA of 3.10 or higher and who have completed all lower-division engineering major requirements available at the student's community college with a minimum GPA of 3.20 in these required courses. Contact your counselor or the UC Davis College of Engineering Undergraduate Office at (530) 752-1979, or consult the [College of Engineering website](#) if you have any questions.

END OF MAJOR

====Biomedical Engineering B.S.====

Special Advising Note:

ARTICULATION FOR THIS MAJOR IS UNDER REVIEW. You may view the previous year's agreement, but be advised that articulation is subject to change from year to year.

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

College of Engineering applicants to fall 2019 should view the majors guide effective for the 2017-18 academic year. (Go to ASSIST.org and click on the red notice that appears at the top of the page after you enter a college or university). Admission selection for fall 2019 will be based upon ALL courses published as REQUIRED FOR ADMISSION on the 2017-18 majors guide for the major. You may also view this information as published in the College of Engineering Transfer Credit Agreement at <http://engineering.ucdavis.edu/transfer-credit-agreements/>

Special Advising Note:

All majors in the College of Engineering are selective and require preparatory coursework for admission. Transfer applicants must earn an overall transfer GPA of 3.10 or higher to be competitive candidates for admission to any engineering major. Strive to achieve your highest possible GPA in order to be most competitive. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents.

Transfer applicants must also complete all lower-division courses required for their specific engineering major as listed below under courses "Required for Admission" with a cumulative GPA of 3.20 or higher for those courses completed at the time of application and through the transfer academic update filing period. Before submitting a UC application, students must have already achieved a cumulative GPA of 3.20 or higher in required lower-division major coursework completed. If one course from the group is completed at the time the application is submitted, the grade for that one course must be B+ or better. If

two or more courses from the group are completed at the time the application is submitted, the GPA for those courses combined must be a 3.20 or higher.

Any required courses that are offered at your current college must be completed by the close of spring term for fall enrollment at UC Davis. If required courses are not offered at your California Community College (i.e. those identified on ASSIST as NO COMPARABLE COURSE or NO COURSE ARTICULATED), you must complete them after enrolling at UC Davis.

In addition to completing preparatory courses for the major, students must also meet UC transfer admission requirements by the close of spring term for fall enrollment at UC Davis. 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. See the UC Davis [transfer admission website](#) for details.

IGETC: Transfer students should place highest priority on completing all requirements for their chosen engineering major. By completing the Intersegmental General Education Transfer Curriculum(IGETC)however, the General Education (GE) requirement at UC Davis will be totally satisfied for all UC Davis GE requirements that may be met with lower-division courses. Completing IGETC is not required, nor does it improve the likelihood you will be admitted. See additional GE information below.

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 our website for details regarding [UC Davis TAG](#).

General Education (GE) Note:

For information concerning satisfaction of UC Davis GE requirements, please go to the For General Education/Breadth section of ASSIST and select any GE area from the pull-down menu or view the "General Education" section of the 2018-19 [UC Davis General Catalog](#) online.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-2019 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

When there are more applicants than spaces available in the College of Engineering, priority is given to California community college transfers who have an overall UC transferable GPA of 3.10 or higher and who have completed all lower-division engineering major requirements available at the student's community college with a minimum GPA of 3.20 in these required courses. Contact your counselor or the UC Davis College of Engineering Undergraduate Office at(530)752-1979, or consult the [College of Engineering website](#) if you have any questions.

END OF MAJOR

====Biotechnology B.S.====

Special Advising Note:

REQUIREMENTS FOR ADMISSION:
(for 2019-20)

This major is selective and requires preparatory coursework for admission. Any required courses that are offered at your current campus must be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses are not offered at your college, you must complete them after enrolling at UC Davis.

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.50 for each of the three course groups. It is required that candidates have already achieved the minimum required GPAs in course(s) from the groups below that have been completed by the time of application and maintain the GPA through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy course equivalents:

Mathematics 16A/B or 17A/B or 21A/B
Chemistry 2A/B/C
Biological Sciences 2A or 2B or 2C (series completion highly recommended)

--A minimum of one course comparable to a UC Davis Biological Sciences 2 series course must be completed with a B grade or higher for admission.

--If multiple courses are required to satisfy one UC Davis Biological Sciences 2 series course, each of those courses must be completed and the GPA for those courses must be 3.00 or higher.

--If courses comparable to two UC Davis Biological Sciences 2 series courses or the entire Biological Sciences 2 series are completed, a group GPA of 2.50 or higher is required.

We strongly encourage you to complete the entire Biological Sciences 2A/B/C series before matriculating to UC Davis, as this series is a prerequisite for many upper-division courses.

It is also strongly recommended that transfer students complete courses comparable to the following UC Davis courses. Completion of these courses will help you move more efficiently toward graduation. Courses should be taken for a letter grade with no grade less than C:

Organic Chemistry 8A/B or 118A/B/C*

*We strongly encourage students to complete the entire Organic Chemistry 8A/B or 118A/B/C series before matriculating to UC Davis, as the Organic Chemistry 8A/B or 118A/B/C series is a prerequisite for many upper-division courses. For the best transition and reduced time to degree, students should consider completing all lower-division preparatory coursework shown below.

Transfer students must also meet UC transfer admission requirements. See UC Davis [transfer admission website](#) for details. UC Davis requires that students complete the minimum 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 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 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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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 (A&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 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (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 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC 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. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

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 Transfer Admission website](#). The courses used for the A&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 CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1A	General Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1B	General Biology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 1A <u>&</u>	General Biology	(5)
			BIOL 1B	General Biology	(5)
<hr/>					
BIOTECH 1Y	Introduction to Biotechnology	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
<hr/>					
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A <u>&</u>	General Chemistry	(5)
			CHEM 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
<hr/>					
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
			<u>OR</u>		
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 12A	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 12A <u>&</u>	Organic Chemistry	(5)
			CHEM 12B	Organic Chemistry	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 12B	Organic Chemistry	(5)
<u>OR</u>			<u>OR</u>		
CHEM 128A	Organic Chemistry	(3)	CHEM 12A	Organic Chemistry	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 12A <u>&</u>	Organic Chemistry	(5)
			CHEM 12B	Organic Chemistry	(5)
CHEM 128C	Organic Chemistry	(3)	CHEM 12B	Organic Chemistry	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 12A	Organic Chemistry	(5)
<hr/>					
MATH 16A	Short Calculus	(3)	MATH 16A	Calculus for Business and the Life and Social Sciences	(3)
			<u>OR</u>		
MATH 16B	Short Calculus	(3)	MATH 3A	Calculus I	(5)
			MATH 16B	Calculus for Business and the Life and Social Sciences	(3)
			<u>OR</u>		
			MATH 3B	Calculus II	(5)
<u>OR</u>			<u>OR</u>		
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
			<u>OR</u>		
<u>OR</u>			<u>OR</u>		
MATH 21A	Calculus	(4)	MATH 3A	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 3B	Calculus II	(5)
<hr/>					
h) PHYSICS 7A	General Physics	(4)	PHYS 3A <u>&</u>	General Physics	(5)
			PHYS 3B	General Physics	(5)
h) PHYSICS 7B	General Physics	(4)	PHYS 3A <u>&</u>	General Physics	(5)
			PHYS 3B	General Physics	(5)

It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

COURSEWORK FOR BIOINFORMATICS OPTION:

ENG CS 20	C Sci/Discrete Math	(4)	NO COMPARABLE COURSE		
ENG CS 36A	Programming	(4)	CIS 6	Introduction to Computer	(5)

Formerly ENG CS 30			Programming		
RESTRICTED ELECTIVES FOR BIOINFORMATICS OPTION:					
ENG CS 36B	Object-Oriented Program	(4)	CIS 25	Object Orientated Programming Using C++	(4)
Formerly ENG CS 40			<u>OR</u>		
			CIS 36A	Java Programming Language I	(4)
			<u>OR</u>		
			CIS 36B	Java Programming Language II	(4)
ENG CS 36C	Data Structures	(4)	CIS 27	Data Structure and Algorithms	(4)
ENG CS 50	Machine Dependent Prog	(4)	CIS 20	Microcomputer Assembly Language	(4)
END OF MAJOR					

h) **This articulation is series-for-series only.**

====Cell Biology B.S.====

Special Advising Note:

The following majors in the College of the Biological Sciences--biochemistry and molecular biology; biological sciences; cell biology; evolution, ecology, and biodiversity; genetics and genomics; marine and coastal science (marine ecology & organismal biology); microbiology; neurobiology, physiology, and behavior; and plant biology--are selective and require preparatory coursework for admission. Any required courses that are offered at your current campus must be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses are not offered at your college, you must complete them after enrolling at UC Davis.

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.

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.50 for each of the three course groups. It is recommended that candidates have already achieved the minimum required GPAs for the courses in the groups below that have been completed by the time of application and maintain them through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

Mathematics 17A/B/C or 21A/B
Chemistry 2A/B/C
Biological Sciences 2A/B/C

It is also strongly recommended that transfer students complete courses comparable to the following UC Davis courses. Completion of these courses will help you move more efficiently toward graduation. Courses should be taken for a letter grade, with no grade less than C:

Organic Chemistry series cited on ASSIST for your major*
Physics 7A/B/C or the physics series cited on ASSIST
for your intended College of Biological Sciences major (especially useful for Neurobiology, Physiology and Behavior majors).

* Students planning for the major biochemistry and molecular biology should complete Organic Chemistry 118A/B/C rather than 8A/B. Students planning for the major marine and coastal science (marine ecology & organismal biology) should complete Organic Chemistry 8A/B; however, students may substitute Chemistry 118A/B/C.

Transfer students must also meet UC transfer admission requirements. UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. See the [UC Transfer Admission webpage](#). 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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1A	General Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1B	General Biology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 1A &	General Biology	(5)
			BIOL 1B	General Biology	(5)
<hr/>					
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
<hr/>					
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
	OR			OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 12A	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 12A &	Organic Chemistry	(5)
			CHEM 12B	Organic Chemistry	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 12B	Organic Chemistry	(5)
<hr/>					
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not		

MATH 17B	Calculus for Biosci	(4)	submitted course(s) for articulation	
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
OR			submitted course(s) for articulation	
MATH 21A	Calculus	(4)	MATH 3A	Calculus I (5)
MATH 21B	Calculus	(4)	MATH 3B	Calculus II (5)

h) PHYSICS 7A	General Physics	(4)	PHYS 3A & General Physics	(5)
h) PHYSICS 7B	General Physics	(4)	PHYS 3B General Physics	(5)
h) PHYSICS 7C	General Physics	(4)	PHYS 3A & General Physics	(5)
			PHYS 3B General Physics	(5)
			PHYS 3A & General Physics	(5)
			PHYS 3B General Physics	(5)

It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

RECOMMENDED:				
MATH 21C	Calculus	(4)	MATH 3C	Calculus III (5)

END OF MAJOR

h) This articulation is series-for-series only.

====Chemical Engineering B.S.====

Special Advising Note:

ARTICULATION FOR THIS MAJOR IS UNDER REVIEW. You may view the previous year's agreement, but be advised that articulation is subject to change from year to year.

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

College of Engineering applicants to fall 2019 should view the majors guide effective for the 2017-18 academic year. (Go to ASSIST.org and click on the red notice that appears at the top of the page after you enter a college or university). Admission selection for fall 2019 will be based upon ALL courses published as REQUIRED FOR ADMISSION on the 2017-18 majors guide for the major. You may also view this information as published in the College of Engineering Transfer Credit Agreement at

<http://engineering.ucdavis.edu/transfer-credit-agreements/>

Special Advising Note:

All majors in the College of Engineering are selective and require preparatory coursework for admission. Transfer applicants must earn an overall transfer GPA of 3.10 or higher to be competitive candidates for admission to any engineering major. Strive to achieve your highest possible GPA in order to be most competitive. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents.

Transfer applicants must also complete all lower-division courses required for their specific engineering major as listed below under courses "Required for

Admission" with a cumulative GPA of 3.20 or higher for those courses completed at the time of application and through the transfer academic update filing period. Before submitting a UC application, students must have already achieved a cumulative GPA of 3.20 or higher in required lower-division major coursework completed. If one course from the group is completed at the time the application is submitted, the grade for that one course must be B+ or better. If two or more courses from the group are completed at the time the application is submitted, the GPA for those courses combined must be a 3.20 or higher.

Any required courses that are offered at your current college must be completed by the close of spring term for fall enrollment at UC Davis. If required courses are not offered at your California Community College (i.e. those identified on ASSIST as NO COMPARABLE COURSE or NO COURSE ARTICULATED), you must complete them after enrolling at UC Davis.

In addition to completing preparatory courses for the major, students must also meet UC transfer admission requirements by the close of spring term for fall enrollment at UC Davis. 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. See the UC Davis [transfer admission website](#) for details.

IGETC: Transfer students should place highest priority on completing all requirements for their chosen engineering major. By completing the Intersegmental General Education Transfer Curriculum(IGETC)however, the General Education (GE) requirement at UC Davis will be totally satisfied for all UC Davis GE requirements that may be met with lower-division courses. Completing IGETC is not required, nor does it improve the likelihood you will be admitted. See additional GE information below.

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 our website for details regarding [UC Davis TAG](#).

General Education (GE) Note:

For information concerning satisfaction of UC Davis GE requirements, please go to the For General Education/Breadth section of ASSIST and select any GE area from the pull-down menu or view the "General Education" section of the 2018-19 [UC Davis General Catalog](#) online.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-2019 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

When there are more applicants than spaces available in the College of Engineering, priority is given to California community college transfers who have an overall UC transferable GPA of 3.10 or higher and who have completed all lower-division engineering major requirements available at the student's community college with a minimum GPA of 3.20 in these required courses. Contact your counselor or the UC Davis College of Engineering Undergraduate Office at(530)752-1979, or consult the [College of Engineering website](#) if you have any questions.

END OF MAJOR

====Chemical Physics B.S.====

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. See the [UC Transfer Admission website](#) for details. UC Davis requires that students complete the minimum transfer admission requirement 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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
	OR			OR	
CHEM 2AH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
CHEM 2BH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
CHEM 2CH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		

q) PHYSICS 9A	Classical Physics	(5)	PHYS 4A &	General Physics with	(5)
				Calculus	
			PHYS 4B &	General Physics with	(5)
				Calculus	
			PHYS 4C	General Physics with	(5)
				Calculus	
q) PHYSICS 9B	Classical Physics	(5)	PHYS 4A &	General Physics with	(5)
				Calculus	
			PHYS 4B &	General Physics with	(5)

				Calculus	
			PHYS 4C	General Physics with Calculus	(5)
q) PHYSICS 9C	Classical Physics	(5)	PHYS 4A &	General Physics with Calculus	(5)
			PHYS 4B &	General Physics with Calculus	(5)
			PHYS 4C	General Physics with Calculus	(5)
PHYSICS 9D	Modern Physics	(4)	NO COMPARABLE COURSE		
MATH 21A	Calculus	(4)	MATH 3A	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 3B	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 3C	Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH 3C	Calculus III	(5)
MATH 22A	Linear Algebra	(3)	MATH 3E	Linear Algebra	(3)
MATH 22AL	Lin Alg Comp Lab	(1)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 22B	Differntl Equations	(3)	MATH 3F	Differential Equations	(3)
CHEM 128A	Organic Chemistry	(3)	CHEM 12A	Organic Chemistry	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 12A &	Organic Chemistry	(5)
			CHEM 12B	Organic Chemistry	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 12A	Organic Chemistry	(5)

END OF MAJOR

q) This is a series-by-series articulation, not course-by-course. If students do not complete the entire series of 4A, 4B, and 4C at Berkeley City College, they may make up missing material by taking Physics 49 at UC Davis.

====Chemistry A.B.====

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. See the [UC Transfer Admission website](#) for details. UC Davis requires that students complete the minimum transfer admission requirement 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 Bachelor of Arts (A.B.) degrees at UC Davis. See

additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
	OR			OR	
CHEM 2AH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
CHEM 2BH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
CHEM 2CH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		

h) PHYSICS 7A	General Physics	(4)	PHYS 3A &	General Physics	(5)
			PHYS 3B	General Physics	(5)
h) PHYSICS 7B	General Physics	(4)	PHYS 3A &	General Physics	(5)
			PHYS 3B	General Physics	(5)
h) PHYSICS 7C	General Physics	(4)	PHYS 3A &	General Physics	(5)
			PHYS 3B	General Physics	(5)

It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

	OR			OR	
q) PHYSICS 9A	Classical Physics	(5)	PHYS 4A &	General Physics with	(5)
				Calculus	
			PHYS 4B &	General Physics with	(5)
				Calculus	
			PHYS 4C	General Physics with	(5)
				Calculus	
q) PHYSICS 9B	Classical Physics	(5)	PHYS 4A &	General Physics with	(5)
				Calculus	
			PHYS 4B &	General Physics with	(5)
				Calculus	
			PHYS 4C	General Physics with	(5)
				Calculus	
q) PHYSICS 9C	Classical Physics	(5)	PHYS 4A &	General Physics with	(5)
				Calculus	
			PHYS 4B &	General Physics with	(5)
				Calculus	
			PHYS 4C	General Physics with	(5)
				Calculus	

MATH 16A	Short Calculus	(3)	MATH 16A	Calculus for Business and the Life and Social Sciences	(3)
			<u>OR</u>		
MATH 16B	Short Calculus	(3)	MATH 3A	Calculus I	(5)
			MATH 16B	Calculus for Business and the Life and Social Sciences	(3)
			<u>OR</u>		
MATH 16C	Short Calculus	(3)	MATH 3B	Calculus II	(5)
			MATH 16B	Calculus for Business and the Life and Social Sciences	(3)
			<u>OR</u>		
	<u>OR</u>		MATH 3B	Calculus II	(5)
MATH 17A	Calculus for BioSci	(4)	<u>OR</u>		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	<u>OR</u>		<u>OR</u>		
MATH 21A	Calculus	(4)	MATH 3A	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 3B	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 3C	Calculus III	(5)
CHEM 128A	Organic Chemistry	(3)	CHEM 12A	Organic Chemistry	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 12A &	Organic Chemistry	(5)
			CHEM 12B	Organic Chemistry	(5)
CHEM 128C	Organic Chemistry	(3)	CHEM 12B	Organic Chemistry	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 12A	Organic Chemistry	(5)
CHEM 129B	Organic Chem Lab	(2)	CHEM 12A &	Organic Chemistry	(5)
			CHEM 12B	Organic Chemistry	(5)

END OF MAJOR

h) This articulation is series-for-series only.

q) This is a series-by-series articulation, not course-by-course. If students do not complete the entire series of 4A, 4B, and 4C at Berkeley City College, they may make up missing material by taking Physics 49 at UC Davis.

====Chemistry B.S.====

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. See the [UC Transfer Admission website](#) for details. UC Davis requires that students complete the minimum transfer admission requirement 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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
	OR			OR	
CHEM 2AH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
CHEM 2BH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
CHEM 2CH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
<hr/>					
q) PHYSICS 9A	Classical Physics	(5)	PHYS 4A &	General Physics with Calculus	(5)
			PHYS 4B &	General Physics with Calculus	(5)
			PHYS 4C	General Physics with Calculus	(5)
q) PHYSICS 9B	Classical Physics	(5)	PHYS 4A &	General Physics with Calculus	(5)
			PHYS 4B &	General Physics with Calculus	(5)
			PHYS 4C	General Physics with Calculus	(5)
q) PHYSICS 9C	Classical Physics	(5)	PHYS 4A &	General Physics with Calculus	(5)
			PHYS 4B &	General Physics with Calculus	(5)
			PHYS 4C	General Physics with Calculus	(5)
<hr/>					
MATH 21A	Calculus	(4)	MATH 3A	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 3B	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 3C	Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH 3C	Calculus III	(5)
MATH 22A	Linear Algebra	(3)	MATH 3E	Linear Algebra	(3)
MATH 22AL	Lin Alg Comp Lab	(1)	NO COURSE	ARTICULATED: College has not submitted course(s)for articulation	
MATH 22B	Differntl Equations	(3)	MATH 3F	Differential Equations	(3)

CHEM 128A	Organic Chemistry	(3)	CHEM 12A	Organic Chemistry	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 12A &	Organic Chemistry	(5)
			CHEM 12B	Organic Chemistry	(5)
CHEM 128C	Organic Chemistry	(3)	CHEM 12B	Organic Chemistry	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 12A	Organic Chemistry	(5)
CHEM 129B	Organic Chem Lab	(2)	CHEM 12A &	Organic Chemistry	(5)
			CHEM 12B	Organic Chemistry	(5)
CHEM 129C	Organic Chem Lab	(2)	CHEM 12B	Organic Chemistry	(5)

RECOMMENDED COURSES:

PHYSICS 9D Modern Physics (4) | NO COMPARABLE COURSE

END OF MAJOR

q) This is a series-by-series articulation, not course-by-course. If students do not complete the entire series of 4A, 4B, and 4C at Berkeley City College, they may make up missing material by taking Physics 49 at UC Davis.

====Chemistry B.S. (Applied Chemistry: Environmental Chemistry)====
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. See the [UC Transfer Admission website](#) for details. UC Davis requires that students complete the minimum transfer admission requirement 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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A <u>&</u>	General Chemistry	(5)
			CHEM 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
	OR			OR	
CHEM 2AH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
CHEM 2BH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
CHEM 2CH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		

h) PHYSICS 7A	General Physics	(4)	PHYS 3A <u>&</u>	General Physics	(5)
			PHYS 3B	General Physics	(5)
h) PHYSICS 7B	General Physics	(4)	PHYS 3A <u>&</u>	General Physics	(5)
			PHYS 3B	General Physics	(5)
h) PHYSICS 7C	General Physics	(4)	PHYS 3A <u>&</u>	General Physics	(5)
			PHYS 3B	General Physics	(5)

It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

	OR			OR	
q) PHYSICS 9A	Classical Physics	(5)	PHYS 4A <u>&</u>	General Physics with Calculus	(5)
			PHYS 4B <u>&</u>	General Physics with Calculus	(5)
			PHYS 4C	General Physics with Calculus	(5)
q) PHYSICS 9B	Classical Physics	(5)	PHYS 4A <u>&</u>	General Physics with Calculus	(5)
			PHYS 4B <u>&</u>	General Physics with Calculus	(5)
			PHYS 4C	General Physics with Calculus	(5)
q) PHYSICS 9C	Classical Physics	(5)	PHYS 4A <u>&</u>	General Physics with Calculus	(5)
			PHYS 4B <u>&</u>	General Physics with Calculus	(5)
			PHYS 4C	General Physics with Calculus	(5)

MATH 16A	Short Calculus	(3)	MATH 16A	Calculus for Business and the Life and Social Sciences	(3)
			OR		
MATH 16B	Short Calculus	(3)	MATH 3A	Calculus I	(5)
			MATH 16B	Calculus for Business and the Life and Social Sciences	(3)
			OR		
MATH 16C	Short Calculus	(3)	MATH 3B	Calculus II	(5)
			MATH 16B	Calculus for Business and the Life and Social Sciences	(3)
			OR		
	OR		MATH 3B	Calculus II	(5)
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not		

MATH 17B	Calculus for Biosci	(4)	submitted course(s) for articulation		
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
OR			OR		
MATH 21A	Calculus	(4)	MATH 3A	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 3B	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 3C	Calculus III	(5)

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1A	General Biology	(5)

STATIST 13	Elementary Statistics	(4)	MATH 13	Introduction to	(4)
Same as: STATIST 13Y				Statistics	
OR			OR		
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		

CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 12A	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 12A &	Organic Chemistry	(5)
			CHEM 12B	Organic Chemistry	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 12B	Organic Chemistry	(5)
OR			OR		
CHEM 128A	Organic Chemistry	(3)	CHEM 12A	Organic Chemistry	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 12A &	Organic Chemistry	(5)
			CHEM 12B	Organic Chemistry	(5)
CHEM 128C	Organic Chemistry	(3)	CHEM 12B	Organic Chemistry	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 12A	Organic Chemistry	(5)
CHEM 129B	Organic Chem Lab	(2)	CHEM 12A &	Organic Chemistry	(5)
			CHEM 12B	Organic Chemistry	(5)

END OF MAJOR

h) **This articulation is series-for-series only.**

q) **This is a series-by-series articulation, not course-by-course. If students do not complete the entire series of 4A, 4B, and 4C at Berkeley City College, they may make up missing material by taking Physics 49 at UC Davis.**

**===Chemistry B.S. (Applied Chemistry: Forensic Chemistry)===
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. See the [UC Transfer Admission website](http://ucdavis.edu/transfer) for details. UC Davis requires that students complete the minimum transfer admission requirement 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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
	OR			OR	
CHEM 2AH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
CHEM 2BH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
CHEM 2CH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		

h) PHYSICS 7A	General Physics	(4)	PHYS 3A &	General Physics	(5)
			PHYS 3B	General Physics	(5)
h) PHYSICS 7B	General Physics	(4)	PHYS 3A &	General Physics	(5)
			PHYS 3B	General Physics	(5)
h) PHYSICS 7C	General Physics	(4)	PHYS 3A &	General Physics	(5)
			PHYS 3B	General Physics	(5)

It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

	OR			OR	
q) PHYSICS 9A	Classical Physics	(5)	PHYS 4A &	General Physics with	(5)
				Calculus	
			PHYS 4B &	General Physics with	(5)
				Calculus	
			PHYS 4C	General Physics with	(5)
				Calculus	
q) PHYSICS 9B	Classical Physics	(5)	PHYS 4A &	General Physics with	(5)
				Calculus	
			PHYS 4B &	General Physics with	(5)
				Calculus	
			PHYS 4C	General Physics with	(5)
				Calculus	
q) PHYSICS 9C	Classical Physics	(5)	PHYS 4A &	General Physics with	(5)
				Calculus	
			PHYS 4B &	General Physics with	(5)
				Calculus	
			PHYS 4C	General Physics with	(5)
				Calculus	

MATH 16A	Short Calculus	(3)	MATH 16A	Calculus for Business and the Life and Social Sciences	(3)
			<u>OR</u>		
MATH 16B	Short Calculus	(3)	MATH 3A	Calculus I	(5)
			MATH 16B	Calculus for Business and the Life and Social Sciences	(3)
			<u>OR</u>		
MATH 16C	Short Calculus	(3)	MATH 3B	Calculus II	(5)
			MATH 16B	Calculus for Business and the Life and Social Sciences	(3)
			<u>OR</u>		
	<u>OR</u>		MATH 3B	Calculus II	(5)
MATH 17A	Calculus for BioSci	(4)	<u>OR</u>		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	<u>OR</u>		<u>OR</u>		
MATH 21A	Calculus	(4)	MATH 3A	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 3B	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 3C	Calculus III	(5)
<hr/>					
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1A	General Biology	(5)
<hr/>					
ENV TOX 20	Introduction to Forensic Science	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
<hr/>					
STATIST 13	Elementary Statistics	(4)	MATH 13	Introduction to Statistics	(4)
Same as: STATIST 13Y					
	<u>OR</u>		<u>OR</u>		
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		
<hr/>					
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 12A	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 12A &	Organic Chemistry	(5)
			CHEM 12B	Organic Chemistry	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 12B	Organic Chemistry	(5)
	<u>OR</u>		<u>OR</u>		
CHEM 128A	Organic Chemistry	(3)	CHEM 12A	Organic Chemistry	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 12A &	Organic Chemistry	(5)
			CHEM 12B	Organic Chemistry	(5)
CHEM 128C	Organic Chemistry	(3)	CHEM 12B	Organic Chemistry	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 12A	Organic Chemistry	(5)
CHEM 129B	Organic Chem Lab	(2)	CHEM 12A &	Organic Chemistry	(5)
			CHEM 12B	Organic Chemistry	(5)

END OF MAJOR

h) This articulation is series-for-series only.

q) This is a series-by-series articulation, not course-by-course. If students do not complete the entire series of 4A, 4B, and 4C at Berkeley City College, they may make up missing material by taking Physics 49 at UC Davis.

====Chicana/Chicano Studies A.B. (Cultural Studies)====
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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

CHICANO 10	Intro to Chic Std	(4)	NO COMPARABLE COURSE
CHICANO 50	Chicano Culture	(4)	NO COMPARABLE COURSE
<hr/>			
CHICANO 21	Hlth Care Issues	(4)	NO COMPARABLE COURSE
	OR		OR
CHICANO 40	Comparative Health	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

ONE COURSE FROM THE FOLLOWING:

CHICANO 60	Chicana and Chicano Representn in Cinema	(4)	NO COMPARABLE COURSE
CHICANO 65	New Latin American Cinema	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHICANO 70	Survey Chic Art	(4)	NO COMPARABLE COURSE

CHICANO 73	Art Expr Silk Scr	(4)	NO COMPARABLE COURSE	
SPANISH 1	Elementary Spanish	(5)	SPAN 1A	Elementary Spanish (5)
SPANISH 2	Elementary Spanish	(5)	SPAN 1A &	Elementary Spanish (5)
			SPAN 1B	Elementary Spanish (5)
SPANISH 3	Elementary Spanish	(5)	SPAN 1B	Elementary Spanish (5)
	OR			OR
SPANISH 28	Inter Conversation	(2)	NO COMPARABLE COURSE	
SPANISH 31	Int Span Nat Spk I	(5)	NO COMPARABLE COURSE	
SPANISH 32	Int Span Nat Spk II	(5)	SPAN 22A	Spanish for Bilingual Speakers I (5)
END OF MAJOR				

====Chicana/Chicano Studies A.B. (Social/Policy Studies)====

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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

CHICANO 10	Intro to Chic Std	(4)	NO COMPARABLE COURSE
CHICANO 50	Chicano Culture	(4)	NO COMPARABLE COURSE
CHICANO 21	Hlth Care Issues	(4)	NO COMPARABLE COURSE
	OR		OR
CHICANO 40	Comparative Health	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

ONE COURSE FROM THE FOLLOWING:

CHICANO 60	Chicana and Chicano Representn in Cinema	(4)	NO COMPARABLE COURSE
CHICANO 65	New Latin American Cinema	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHICANO 70	Survey Chic Art	(4)	NO COMPARABLE COURSE
CHICANO 73	Art Expr Silk Scr	(4)	NO COMPARABLE COURSE

ONE COURSE FROM THE FOLLOWING:

CHICANO 23	Qualitative Research Methods	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PSYCH 41	Research Methods	(4)	PSYCH 28 Introduction to Research Methods in Psychology (3)
SOCIOL 46A	Intro Social Rsch	(4)	SOC 120 Introduction to Research Methods (3)
SPANISH 1	Elementary Spanish	(5)	SPAN 1A Elementary Spanish (5)
SPANISH 2	Elementary Spanish	(5)	SPAN 1A & Elementary Spanish (5)
			SPAN 1B Elementary Spanish (5)
SPANISH 3	Elementary Spanish	(5)	SPAN 1B Elementary Spanish (5)
	OR		OR
SPANISH 28	Inter Conversation	(2)	NO COMPARABLE COURSE
SPANISH 31	Int Span Nat Spk I	(5)	NO COMPARABLE COURSE
SPANISH 32	Int Span Nat Spk II	(5)	SPAN 22A Spanish for Bilingual Speakers I (5)

END OF MAJOR

====Chinese A.B.====

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.

Chinese Placement Examination Note:

Students who have studied Chinese previously must take the UC Davis placement examination before enrolling in Chinese language courses at UC Davis. If placement results in duplication of articulated courses below, students might receive only subject credit, not unit credit, for UC Davis courses completed. See information related to [Chinese placement exams](#) and also information regarding [foreign language placement exams](#). For more information, check with

your UC Davis College Dean's Office or department advisor upon 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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

x) CHINESE 1	Elem Chinese	(5)	NO COMPARABLE COURSE
x) CHINESE 2	Elem Chinese	(5)	NO COMPARABLE COURSE
x) CHINESE 3	Elem Chinese	(5)	NO COMPARABLE COURSE
x) CHINESE 4	Inter Chinese	(5)	NO COMPARABLE COURSE
x) CHINESE 5	Inter Chinese	(5)	NO COMPARABLE COURSE
x) CHINESE 6	Inter Chinese	(5)	NO COMPARABLE COURSE
OR			OR
x) CHINESE 1BL	Accl Wrtn Chinese I	(5)	NO COMPARABLE COURSE
x) CHINESE 2BL	Accl Wrtn Chinese II	(5)	NO COMPARABLE COURSE
x) CHINESE 3BL	Accl Wrtn Chinese III	(5)	NO COMPARABLE COURSE
OR			OR
x) CHINESE 1CN	Mand/Cant Spkrs I	(5)	NO COMPARABLE COURSE
x) CHINESE 2CN	Mand/Cant Spkrs II	(5)	NO COMPARABLE COURSE
x) CHINESE 3CN	Mand/Cant Spkrs III	(5)	NO COMPARABLE COURSE

RECOMMENDED COURSES FOR THIS MAJOR:

CHINESE 10	Modern Lit (in Engl)	(4)	NO COMPARABLE COURSE
CHINESE 11	Gt Bks China (Engl)	(4)	NO COMPARABLE COURSE
CHINESE 50	Intro to Literature	(4)	NO COMPARABLE COURSE
Same as: JPNese 50			
COMPLIT 14	Intro Poetry	(3)	NO COMPARABLE COURSE
JPNese 10	Masterworks in English	(4)	NO COMPARABLE COURSE
LINGUIS 1	Intro Linguistics	(4)	ANTHR 18 Introduction to (3)

				Anthropological Linguistics
HISTORY 9A	East Asian Civ	(4)		NO COMPARABLE COURSE

END OF MAJOR

x) **Transfer students must take a UC Davis placement exam in Chinese language before enrolling in UC Davis Chinese language courses; duplication of coursework may result.**

====Cinema and Digital Media A.B.====

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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

CINE&TS 12 Media Computation (4)|NO COURSE ARTICULATED: College has not

Same as: ENG CS 12 | submitted course(s) for articulation

CINE&TS 20 Filmmaking Foundations (5) | NO COURSE ARTICULATED: College has not
| submitted course(s) for articulation

Select two of the following courses:

CINE&TS 40A Media History I (4) | NO COURSE ARTICULATED: College has not
Same as: SCI&TEC 40A | submitted course(s) for articulation
CINE&TS 40B Media History 2 (4) | NO COURSE ARTICULATED: College has not
Same as: SCI&TEC 40B | submitted course(s) for articulation
CINE&TS 41A Cinema Hist 1895-1945 (4) | NO COURSE ARTICULATED: College has not
| submitted course(s) for articulation
CINE&TS 41B Cinema Hist 1945 to (4) | NO COURSE ARTICULATED: College has not
the Present | submitted course(s) for articulation
FILM ST 45 Vampires (4) | NO COURSE ARTICULATED: College has not
Same as: GERMAN 45 | submitted course(s) for articulation

Select two of the following courses:

FILM ST 1 Intro to Film Studies (4) | HUMAN 21 Film: Art and (3)
| Communication
Formerly Humanities 10
TCULST 1 Intro Technocultural (4) | MMART 121 Digital Culture (3)
Studies
TCULST 5 Media Archaeology (4) | NO COURSE ARTICULATED: College has not
| submitted course(s) for articulation

END OF MAJOR

====Civil Engineering B.S.====

Special Advising Note:

ARTICULATION FOR THIS MAJOR IS UNDER REVIEW. You may view the previous year's agreement, but be advised that articulation is subject to change from year to year.

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

College of Engineering applicants to fall 2019 should view the majors guide effective for the 2017-18 academic year. (Go to ASSIST.org and click on the red notice that appears at the top of the page after you enter a college or university). Admission selection for fall 2019 will be based upon ALL courses published as REQUIRED FOR ADMISSION on the 2017-18 majors guide for the major. You may also view this information as published in the College of Engineering Transfer Credit Agreement at

<http://engineering.ucdavis.edu/transfer-credit-agreements/>

Special Advising Note:

All majors in the College of Engineering are selective and require preparatory coursework for admission. Transfer applicants must earn an overall transfer GPA of 3.10 or higher to be competitive candidates for admission to any engineering major. Strive to achieve your highest possible GPA in order to be most competitive. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents.

Transfer applicants must also complete all lower-division courses required for

their specific engineering major as listed below under courses "Required for Admission" with a cumulative GPA of 3.20 or higher for those courses completed at the time of application and through the transfer academic update filing period. Before submitting a UC application, students must have already achieved a cumulative GPA of 3.20 or higher in required lower-division major coursework completed. If one course from the group is completed at the time the application is submitted, the grade for that one course must be B+ or better. If two or more courses from the group are completed at the time the application is submitted, the GPA for those courses combined must be a 3.20 or higher.

Any required courses that are offered at your current college must be completed by the close of spring term for fall enrollment at UC Davis. If required courses are not offered at your California Community College (i.e. those identified on ASSIST as NO COMPARABLE COURSE or NO COURSE ARTICULATED), you must complete them after enrolling at UC Davis.

In addition to completing preparatory courses for the major, students must also meet UC transfer admission requirements by the close of spring term for fall enrollment at UC Davis. 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. See the UC Davis [transfer admission website](#) for details.

IGETC: Transfer students should place highest priority on completing all requirements for their chosen engineering major. By completing the Intersegmental General Education Transfer Curriculum(IGETC)however, the General Education (GE) requirement at UC Davis will be totally satisfied for all UC Davis GE requirements that may be met with lower-division courses. Completing IGETC is not required, nor does it improve the likelihood you will be admitted. See additional GE information below.

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 our website for details regarding [UC Davis TAG](#).

General Education (GE) Note:

For information concerning satisfaction of UC Davis GE requirements, please go to the For General Education/Breadth section of ASSIST and select any GE area from the pull-down menu or view the "General Education" section of the 2018-19 [UC Davis General Catalog](#) online.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-2019 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

When there are more applicants than spaces available in the College of Engineering, priority is given to California community college transfers who have an overall UC transferable GPA of 3.10 or higher and who have completed all lower-division engineering major requirements available at the student's community college with a minimum GPA of 3.20 in these required courses. Contact your counselor or the UC Davis College of Engineering Undergraduate Office at(530)752-1979, or consult the [College of Engineering website](#) if you have any questions.

END OF MAJOR

====Classical Civilization (Classical & Mediterranean) A.B.====

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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

LATIN 1	Elementary Latin	(5)	NO COMPARABLE COURSE
LATIN 2	Elementary Latin	(5)	NO COMPARABLE COURSE
LATIN 3	Intermediate Latin	(5)	NO COMPARABLE COURSE
OR			OR
GREEK 1	Elem Greek	(5)	NO COMPARABLE COURSE
GREEK 2	Elem Greek	(5)	NO COMPARABLE COURSE
GREEK 3	Intermediate Greek	(5)	NO COMPARABLE COURSE

TWO COURSES FROM THE FOLLOWING:

CLASSIC 1	N East/Early Gr	(4)	NO COMPARABLE COURSE
CLASSIC 2	Anc Gr & Near East	(4)	NO COMPARABLE COURSE

CLASSIC 3	Rome & The Mediter	(4)	NO COMPARABLE COURSE
CLASSIC 4	Late Antiquity	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation

ONE ADDITIONAL COURSE SELECTED FROM:

ARTHI 1A	Ancient Mediterranean Art	(4)	NO COMPARABLE COURSE
CLASSIC 1	N East/Early Gr	(4)	NO COMPARABLE COURSE
CLASSIC 2	Anc Gr & Near East	(4)	NO COMPARABLE COURSE
CLASSIC 3	Rome & The Mediter	(4)	NO COMPARABLE COURSE
CLASSIC 4	Late Antiquity	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
CLASSIC 10	Gr,Roman,N East Myth	(3)	NO COMPARABLE COURSE
CLASSIC 15	Women & Gender in Classical Antiquity	(4)	NO COMPARABLE COURSE
CLASSIC 20	Pompeii AD 79	(4)	NO COMPARABLE COURSE
CLASSIC 25	Classical America	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
CLASSIC 30	Word Roots	(3)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
CLASSIC 31	Technical Word Roots	(3)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
CLASSIC 40	Economy in Ancient Med	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
CLASSIC 50	Ancient Science	(4)	NO COMPARABLE COURSE
Same as: SCI&TEC 50			
COMPLIT 1	Major Books-Ancient World	(4)	NO COMPARABLE COURSE
PHILOS 21	Phil Classics: Ancient	(4)	PHIL 20A History of Ancient Greek Philosophy (3)
REL STD 21	The Bible	(4)	NO COMPARABLE COURSE
REL STD 40	New Testament	(4)	NO COMPARABLE COURSE

END OF MAJOR

====Classical Civilization (Classical Languages & Literature) A.B.====

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 UCtransfer admission requirements. For details see the UC Davis [transfer admission website](http://tag.ucdavis.edu). 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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

LATIN 1	Elementary Latin	(5)	NO COMPARABLE COURSE
LATIN 2	Elementary Latin	(5)	NO COMPARABLE COURSE
LATIN 3	Intermediate Latin	(5)	NO COMPARABLE COURSE
	AND		AND
GREEK 1	Elem Greek	(5)	NO COMPARABLE COURSE
GREEK 2	Elem Greek	(5)	NO COMPARABLE COURSE
GREEK 3	Intermediate Greek	(5)	NO COMPARABLE COURSE

CLASSIC 1	N East/Early Gr	(4)	NO COMPARABLE COURSE
	OR		OR
CLASSIC 2	Anc Gr & Near East	(4)	NO COMPARABLE COURSE
	OR		OR
CLASSIC 3	Rome & The Mediter	(4)	NO COMPARABLE COURSE
CLASSIC 4	Late Antiquity	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

END OF MAJOR

====Clinical Nutrition B.S.====

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 a series in general chemistry and a series in organic chemistry 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.

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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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 (A&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 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (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 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC 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. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

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 Transfer Admission website](#). The courses used for the A&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 CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

ENGLISH 3	Intro to Lit	(4)	ENGL 1B	Composition and Reading (4)
	OR			OR
UWRITING 1	Expository Writing	(4)	ENGL 1A	Composition and Reading (4)

COMUNCN 1	Intro Public Spkg	(4)	COMM 45	Public Speaking	(3)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1A	General Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1B	General Biology	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
ECON 1A	Princ of Microecon	(4)	ECON 2	Principles of Economics (Micro-Economics)	(3)
	OR			OR	
ECON 1B	Princ of Macroecon	(4)	ECON 1	Principles of Economics (Macro-Economics)	(3)
PSYCH 1	General Psychology	(4)	PSYCH 1A	Introduction to General Psychology	(3)
SOCIOL 1	Intro Sociology	(5)	SOC 1	Introduction to Sociology	(3)
	OR			OR	
SOCIOL 3	Social Problems	(4)	SOC 2	Social Problems	(3)
	OR			OR	
ANTHRO 2	Cultural Anthropology	(5)	ANTHR 3	Introduction to Social and Cultural Anthropology	(3)
STATIST 13	Elementary Statistics	(4)	MATH 13	Introduction to Statistics	(4)
	Same as: STATIST 13Y				

END OF MAJOR

====Cognitive Science A.B.====

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](http://ucdavis.edu/transfer). 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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

LINGUIS 1	Intro Linguistics	(4)	ANTHR 18	Introduction to Anthropological Linguistics	(3)

COG SCI 1	Intro Cognitive Science	(4)	NO COURSE ARTICULATED		
OR			OR		
PHILOS 10	Intro Cognitive Science	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
e) PHILOS 12	Intro to Symbol Logic	(4)	PHIL 10	Logic	(3)
			OR		
			PHIL 11	Formal Logic	(3)
PHILOS 13G	Minds, Brains Comp w/Disc	(4)	NO COURSE ARTICULATED:College has not submitted course(s)for articulation		

PSYCH 1	General Psychology	(4)	PSYCH 1A	Introduction to General Psychology	(3)
PSYCH 41	Research Methods	(4)	PSYCH 28	Introduction to Research Methods in Psychology	(3)

STATIST 13	Elementary Statistics	(4)	MATH 13	Introduction to Statistics	(4)
Same as: STATIST 13Y					

END OF MAJOR

e) Students who complete PHIL 10 at Berkeley City College will receive credit at UC Davis for PHILOS 5 or 12, not both.

====Cognitive Science B.S.====

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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

Emphasis 1: Computational

ENG CS 20	C Sci/Discrete Math	(4)	NO COMPARABLE COURSE	
ENG CS 32A	Intro to Programming	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation	
	Formerly ENG CS 10			
	OR		OR	
ENG CS 36A	Programming	(4)	CIS 6	Introduction to Computer Programming (5)
	Formerly ENG CS 30			
ENG CS 34	UNIX & C++	(5)	NO COURSE ARTICULATED	
	OR		OR	
ENG CS 36B	Object-Oriented Program	(4)	CIS 25	Object Orientated Programming Using C++ (4)
	Formerly ENG CS 40			
			OR	
			CIS 36A	Java Programming Language I (4)
			OR	
			CIS 36B	Java Programming Language II (4)
ENG CS 50	Machine Dependent Prog	(4)	CIS 20	Microcomputer Assembly Language (4)
ENG CS 32B	Intro to Data Structures	(4)		
	OR		OR	
ENG CS 36C	Data Structures	(4)	CIS 27	Data Structure and Algorithms (4)
LINGUIS 1	Intro Linguistics	(4)	ANTHR 18	Introduction to Anthropological Linguistics (3)
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not	

MATH 17B	Calculus for Biosci	(4)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
OR			OR	
MATH 21A	Calculus	(4)	MATH 3A	Calculus I (5)
MATH 21B	Calculus	(4)	MATH 3B	Calculus II (5)

MATH 22A	Linear Algebra	(3)	MATH 3E	Linear Algebra (3)
MATH 22AL	Lin Alg Comp Lab	(1)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation	

COG SCI 1	Intro Cognitive Science	(4)	NO COURSE ARTICULATED	
OR			OR	
PHILOS 10	Intro Cognitive Science	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation	

e) PHILOS 12	Intro to Symbol Logic	(4)	PHIL 10	Logic (3)
			OR	
			PHIL 11	Formal Logic (3)
PHILOS 13G	Minds, Brains Comp w/Disc	(4)	NO COURSE ARTICULATED:College has not submitted course(s)for articulation	

PSYCH 1	General Psychology	(4)	PSYCH 1A	Introduction to General Psychology (3)
PSYCH 41	Research Methods	(4)	PSYCH 28	Introduction to Research Methods in Psychology (3)

STATIST 13	Elementary Statistics	(4)	MATH 13	Introduction to Statistics (4)
Same as: STATIST 13Y				

Emphasis 2: Neuroscience				
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1A	General Biology (5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1B	General Biology (5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 1A & BIOL 1B	General Biology (5) General Biology (5)

LINGUIS 1	Intro Linguistics	(4)	ANTHR 18	Introduction to Anthropological Linguistics (3)

MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
OR			OR	
MATH 21A	Calculus	(4)	MATH 3A	Calculus I (5)
MATH 21B	Calculus	(4)	MATH 3B	Calculus II (5)
MATH 21C	Calculus	(4)	MATH 3C	Calculus III (5)

COG SCI 1	Intro Cognitive Science	(4)	NO COURSE ARTICULATED	
OR			OR	
PHILOS 10	Intro Cognitive Science	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation	

PHILOS 13G	Minds, Brains Comp w/Disc	(4)	NO COURSE ARTICULATED:College has not submitted course(s)for articulation	

h) PHYSICS 7A	General Physics	(4)	PHYS 3A &	General Physics	(5)
			PHYS 3B	General Physics	(5)
h) PHYSICS 7B	General Physics	(4)	PHYS 3A &	General Physics	(5)
			PHYS 3B	General Physics	(5)
h) PHYSICS 7C	General Physics	(4)	PHYS 3A &	General Physics	(5)
			PHYS 3B	General Physics	(5)
	OR			OR	
q) PHYSICS 9A	Classical Physics	(5)	PHYS 4A &	General Physics with	(5)
				Calculus	
			PHYS 4B &	General Physics with	(5)
				Calculus	
			PHYS 4C	General Physics with	(5)
				Calculus	
q) PHYSICS 9B	Classical Physics	(5)	PHYS 4A &	General Physics with	(5)
				Calculus	
			PHYS 4B &	General Physics with	(5)
				Calculus	
			PHYS 4C	General Physics with	(5)
				Calculus	
q) PHYSICS 9C	Classical Physics	(5)	PHYS 4A &	General Physics with	(5)
				Calculus	
			PHYS 4B &	General Physics with	(5)
				Calculus	
			PHYS 4C	General Physics with	(5)
				Calculus	
<hr/>					
PSYCH 1	General Psychology	(4)	PSYCH 1A	Introduction to	(3)
				General Psychology	
PSYCH 41	Research Methods	(4)	PSYCH 28	Introduction to	(3)
				Research Methods in	
				Psychology	
<hr/>					
STATIST 13	Elementary Statistics	(4)	MATH 13	Introduction to	(4)
Same as: STATIST 13Y				Statistics	
<hr/>					

END OF MAJOR

e) Students who complete PHIL 10 at Berkeley City College will receive credit at UC Davis for PHILOS 5 or 12, not both.

h) **This articulation is series-for-series only.**

q) **This is a series-by-series articulation, not course-by-course. If students do not complete the entire series of 4A, 4B, and 4C at Berkeley City College, they may make up missing material by taking Physics 49 at UC Davis.**

====Communication A.B.====

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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

ANTHRO 4	Anthro Linguistics	(4)	ANTHR 18	Introduction to Anthropological Linguistics	(3)
	OR			OR	
LINGUIS 1	Intro Linguistics	(4)	ANTHR 18	Introduction to Anthropological Linguistics	(3)

COMUNCN 1	Intro Public Spkg	(4)	COMM 45	Public Speaking	(3)
	OR			OR	
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	COMM 20	Interpersonal Communication Skills	(3)
	OR			OR	
COMUNCN 5	Global English Comm	(4)	NO COURSE ARTICULATED:College has not submitted course(s)for articulation		
Same as: LINGUIS 5				OR	
	OR			OR	
LINGUIS 5	Global English Comm	(4)	NO COURSE ARTICULATED:College has not submitted course(s)for articulation		
Same as: COMUNCN 5					

COMUNCN 10Y	Intro to Communication	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		

B) ENG CS 15	Intro to Computers	(4)	CIS 1	Introduction to Computer Information Systems	(4)
			OR		
			CIS 5	Introduction to Computer Science	(5)

Please note that the community college's computer science courses

may not be identical to UC Davis courses. Community college students, upon transfer to UC Davis, may need to make up any topic or language deficiencies.

OR			OR		
e) PHILOS 12	Intro to Symbol Logic (4)		PHIL 10	Logic	(3)
			OR		
			PHIL 11	Formal Logic	(3)

PSYCH 1	General Psychology	(4)	PSYCH 1A	Introduction to General Psychology	(3)

SOCIOL 1	Intro Sociology	(5)	SOC 1	Introduction to Sociology	(3)

SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE		
OR			OR		
STATIST 13	Elementary Statistics	(4)	MATH 13	Introduction to	(4)
Same as: STATIST 13Y			Statistics		

END OF MAJOR

B) UCD ENG CS 15 not intended for Computer Science or Computer Science Engineering majors. Only two units of credit allowed to students who have completed PLT SCI 21.

e) Students who complete PHIL 10 at Berkeley City College will receive credit at UC Davis for PHILOS 5 or 12, not both.

====Community and Regional Development B.S.====

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](http://ucdavis.edu/transfer-admission). 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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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 (A&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 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (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 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC 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. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

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 Transfer Admission website](#). The courses used for the A&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 CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

TWO COURSES FROM THE FOLLOWING:

COMUNCN 1	Intro Public Spkg	(4)	COMM 45	Public Speaking	(3)
COMPLIT 1	Major Books-Ancient World	(4)	NO COMPARABLE COURSE		
COMPLIT 2	Major Books-Middle Ages to Enlightenment	(4)	NO COMPARABLE COURSE		
COMPLIT 3	Major Books-The Modern Crisis	(4)	NO COMPARABLE COURSE		
COMPLIT 4	Maj Books:Cont Wrld	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ENGLISH 3	Intro to Lit	(4)	ENGL 1B	Composition and Reading	(4)
N A STD 5	Intro NA Literature	(4)	HIST 33	History of Native American Thought and Literature	(3)
UWRITING 1	Expository Writing	(4)	ENGL 1A	Composition and Reading	(4)
UWRITING 48	Style in the Essay	(4)	NO COMPARABLE COURSE		
Formerly UWRITING 18					

UWRITING 49	Writing Research Papers Formerly UWRITING 19	(4)	NO COMPARABLE COURSE	
CM&RGDE 1	The Community	(4)	NO COMPARABLE COURSE	
CM&RGDE 2	Ethnicity Amer Comm	(4)	NO COMPARABLE COURSE	
PL SCI 21	Computers in Technology	(3)	NO COMPARABLE COURSE	
	OR		OR	
B) ENG CS 15	Intro to Computers	(4)	CIS 1	Introduction to Computer (4) Information Systems
			OR	
			CIS 5	Introduction to Computer (5) Science

Please note that the community college's computer science courses may not be identical to UC Davis courses. Community college students, upon transfer to UC Davis, may need to make up any topic or language deficiencies.

ECON 1A	Princ of Microecon	(4)	ECON 2	Principles of Economics (3) (Micro-Economics)
	OR		OR	
ECON 1B	Princ of Macroecon	(4)	ECON 1	Principles of Economics (3) (Macro-Economics)
ANTHRO 2	Cultural Anthropology	(5)	ANTHR 3	Introduction to Social (3) and Cultural Anthropology
	OR		OR	
SOCIOL 1	Intro Sociology	(5)	SOC 1	Introduction to Sociology (3)
STATIST 13	Elementary Statistics	(4)	MATH 13	Introduction to (4) Statistics
	Same as: STATIST 13Y			
	OR		OR	
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE	
	OR		OR	
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE	

END OF MAJOR

B) UCD ENG CS 15 not intended for Computer Science or Computer Science Engineering majors. Only two units of credit allowed to students who have completed PLT SCI 21.

====Comparative Literature A.B.====

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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

COMPLIT 1	Major Books-Ancient World	(4)	NO COMPARABLE COURSE
	OR		OR
COMPLIT 2	Major Books-Middle Ages to Enlightenment	(4)	NO COMPARABLE COURSE
	OR		OR
COMPLIT 3	Major Books-The Modern Crisis	(4)	NO COMPARABLE COURSE
	OR		OR
COMPLIT 4	Maj Books:Cont Wrld	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation

TWO COURSES FROM THE FOLLOWING:

**(CANNOT INCLUDE THE TWO REQUIRED COURSES
TAKEN FROM THE COMPARATIVE LITERATURE 1-4 SERIES ABOVE):**

COMPLIT 1	Major Books-Ancient World	(4)	NO COMPARABLE COURSE
COMPLIT 2	Major Books-Middle Ages to Enlightenment	(4)	NO COMPARABLE COURSE
COMPLIT 3	Major Books-The Modern Crisis	(4)	NO COMPARABLE COURSE
COMPLIT 4	Maj Books:Cont Wrld	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
COMPLIT 5	Fairy Tales, Fables, Parables	(4)	NO COMPARABLE COURSE
COMPLIT 6	Myths & Legends	(4)	NO COMPARABLE COURSE
COMPLIT 7	Lit:Fant,Supernatl	(4)	NO COMPARABLE COURSE

COMPLIT 8	Utopias Transform	(4)	NO COMPARABLE COURSE
COMPLIT 9	Short Story & Novella	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
COMPLIT 11	Travel and Modern World	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
Same as: GERMAN 11			
COMPLIT 12	Intro Women Writers	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
COMPLIT 13	Dramatic Lit	(3)	NO COMPARABLE COURSE
COMPLIT 14	Intro Poetry	(3)	NO COMPARABLE COURSE
COMPLIT 20	Humans & Natural World	(4)	NO COMPARABLE COURSE
COMPLIT 24	Animals in Literature	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
COMPLIT 25	Ethnic Writers	(4)	NO COMPARABLE COURSE
COMPLIT 53A	Lit of East Asia	(4)	NO COMPARABLE COURSE
COMPLIT 53B	Lit of South Asia	(4)	NO COMPARABLE COURSE
COMPLIT 53C	Lit of the Islamic World	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

NOTE: It is recommended that students who do not use a European language toward the major take one of the required lower division courses in the Comparative Literature 53A/B/C-series, preferably the Comparative Literature 53 course that relates to the region of the language the student will use to satisfy the upper division language requirement in the major.

FOREIGN LANGUAGE: SUFFICIENT PREPARATION TO ENSURE SATISFACTORY PERFORMANCE AT THE UPPER DIVISION LEVEL (0-30 QUARTER UNITS)

END OF MAJOR

====Computer Engineering B.S.====

Special Advising Note:

ARTICULATION FOR THIS MAJOR IS UNDER REVIEW. You may view the previous year's agreement, but be advised that articulation is subject to change from year to year.

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

College of Engineering applicants to fall 2019 should view the majors guide effective for the 2017-18 academic year. (Go to ASSIST.org and click on the red notice that appears at the top of the page after you enter a college or university). Admission selection for fall 2019 will be based upon ALL courses published as REQUIRED FOR ADMISSION on the 2017-18 majors guide for the major. You may also view this information as published in the College of Engineering Transfer Credit Agreement at <http://engineering.ucdavis.edu/transfer-credit-agreements/>

Special Advising Note:

All majors in the College of Engineering are selective and require preparatory coursework for admission. Transfer applicants must earn an overall transfer GPA of 3.10 or higher to be competitive candidates for admission to any engineering major. Strive to achieve your highest possible GPA in order to be most competitive. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents.

Transfer applicants must also complete all lower-division courses required for their specific engineering major as listed below under courses "Required for

Admission" with a cumulative GPA of 3.20 or higher for those courses completed at the time of application and through the transfer academic update filing period. Before submitting a UC application, students must have already achieved a cumulative GPA of 3.20 or higher in required lower-division major coursework completed. If one course from the group is completed at the time the application is submitted, the grade for that one course must be B+ or better. If two or more courses from the group are completed at the time the application is submitted, the GPA for those courses combined must be a 3.20 or higher.

Any required courses that are offered at your current college must be completed by the close of spring term for fall enrollment at UC Davis. If required courses are not offered at your California Community College (i.e. those identified on ASSIST as NO COMPARABLE COURSE or NO COURSE ARTICULATED), you must complete them after enrolling at UC Davis.

In addition to completing preparatory courses for the major, students must also meet UC transfer admission requirements by the close of spring term for fall enrollment at UC Davis. 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. See the UC Davis [transfer admission website](#) for details.

IGETC: Transfer students should place highest priority on completing all requirements for their chosen engineering major. By completing the Intersegmental General Education Transfer Curriculum(IGETC)however, the General Education (GE) requirement at UC Davis will be totally satisfied for all UC Davis GE requirements that may be met with lower-division courses. Completing IGETC is not required, nor does it improve the likelihood you will be admitted. See additional GE information below.

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 our website for details regarding [UC Davis TAG](#).

General Education (GE) Note:

For information concerning satisfaction of UC Davis GE requirements, please go to the For General Education/Breadth section of ASSIST and select any GE area from the pull-down menu or view the "General Education" section of the 2018-19 [UC Davis General Catalog](#) online.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-2019 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

When there are more applicants than spaces available in the College of Engineering, priority is given to California community college transfers who have an overall UC transferable GPA of 3.10 or higher and who have completed all lower-division engineering major requirements available at the student's community college with a minimum GPA of 3.20 in these required courses. Contact your counselor or the UC Davis College of Engineering Undergraduate Office at(530)752-1979, or consult the [College of Engineering website](#) if you have any questions.

END OF MAJOR

====Computer Science & Engineering B.S.====

Special Advising Note:

ARTICULATION FOR THIS MAJOR IS UNDER REVIEW. You may view the previous year's agreement, but be advised that articulation is subject to change from year to year.

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

College of Engineering applicants to fall 2019 should view the majors guide effective for the 2017-18 academic year. (Go to ASSIST.org and click on the red notice that appears at the top of the page after you enter a college or university). Admission selection for fall 2019 will be based upon ALL courses published as REQUIRED FOR ADMISSION on the 2017-18 majors guide for the major. You may also view this information as published in the College of Engineering Transfer Credit Agreement at <http://engineering.ucdavis.edu/transfer-credit-agreements/>

Special Advising Note:

All majors in the College of Engineering are selective and require preparatory coursework for admission. Transfer applicants must earn an overall transfer GPA of 3.10 or higher to be competitive candidates for admission to any engineering major. Strive to achieve your highest possible GPA in order to be most competitive. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents.

Transfer applicants must also complete all lower-division courses required for their specific engineering major as listed below under courses "Required for Admission" with a cumulative GPA of 3.20 or higher for those courses completed at the time of application and through the transfer academic update filing period. Before submitting a UC application, students must have already achieved a cumulative GPA of 3.20 or higher in required lower-division major coursework completed. If one course from the group is completed at the time the application is submitted, the grade for that one course must be B+ or better. If two or more courses from the group are completed at the time the application is submitted, the GPA for those courses combined must be a 3.20 or higher.

Any required courses that are offered at your current college must be completed by the close of spring term for fall enrollment at UC Davis. If required courses are not offered at your California Community College (i.e. those identified on ASSIST as NO COMPARABLE COURSE or NO COURSE ARTICULATED), you must complete them after enrolling at UC Davis.

In addition to completing preparatory courses for the major, students must also meet UC transfer admission requirements by the close of spring term for fall enrollment at UC Davis. 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. See the UC Davis [transfer admission website](#) for details.

IGETC: Transfer students should place highest priority on completing all requirements for their chosen engineering major. By completing the Intersegmental General Education Transfer Curriculum (IGETC) however, the General Education (GE) requirement at UC Davis will be totally satisfied for all UC Davis GE requirements that may be met with lower-division courses. Completing IGETC is not required, nor does it improve the likelihood you will be admitted. See additional GE information below.

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 our website

for details regarding [UC Davis TAG](#).

General Education (GE) Note:

For information concerning satisfaction of UC Davis GE requirements, please go to the For General Education/Breadth section of ASSIST and select any GE area from the pull-down menu or view the "General Education" section of the 2018-19 [UC Davis General Catalog](#) online.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-2019 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

We recommend that Computer Science and Engineering majors have an exposure to UNIX prior to transfer.

When there are more applicants than spaces available in the College of Engineering, priority is given to California community college transfers who have an overall UC transferable GPA of 3.10 or higher and who have completed all lower-division engineering major requirements available at the student's community college with a minimum GPA of 3.20 in these required courses. Contact your counselor or the UC Davis College of Engineering Undergraduate Office at (530)752-1979, or consult the [College of Engineering website](#) if you have any questions.

END OF MAJOR

====Computer Science B.S.====

Special Advising Note:

REQUIREMENTS FOR ADMISSION:
(for 2018-19)

This major is selective and requires preparatory coursework for admission. Any required courses that are offered at your current campus must be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses are not offered at your college, you must complete them after enrolling at UC Davis.

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Strive to achieve your highest possible GPA in order to be most competitive. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 3.40 for each of two course groups. It is recommended that candidates have already achieved the minimum required GPAs in the course(s) from the groups below that have been completed at the time of application and through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

Mathematics 21A/B/C
Engineering Computer Science (ENG CS) 20, 30, 50, 60
(as of F18 courses ENG CS 20, 36A, 50, 36C may be used to fulfill this requirement)

Transfer students must also meet UC transfer admission requirements. See the UC Davis [transfer admission website](#). UC Davis requires that students complete the minimum 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 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.

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 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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

MATH 21A	Calculus	(4)	MATH 3A	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 3B	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 3C	Calculus III	(5)
<hr/>					
MATH 22A	Linear Algebra	(3)	MATH 3E	Linear Algebra	(3)
	OR			OR	
MATH 67	Modern Linear Algebra	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
<hr/>					
ENG CS 20	C Sci/Discrete Math	(4)	NO COMPARABLE COURSE		
ENG CS 36A	Programming	(4)	CIS 6	Introduction to Computer Programming	(5)
Formerly ENG CS 30					
ENG CS 36B	Object-Oriented Program	(4)	CIS 25	Object Orientated Programming Using C++	(4)
Formerly ENG CS 40					
			<u>OR</u>		
			CIS 36A	Java Programming Language I	(4)
			OR		

			CIS 36B	Java Programming Language II	(4)
ENG CS 36C	Data Structures	(4)	CIS 27	Data Structure and Algorithms	(4)
ENG CS 50	Machine Dependent Prog	(4)	CIS 20	Microcomputer Assembly Language	(4)

Please note that the community college's computer science courses may not be identical to UC Davis courses. Community college students, upon transfer to UC Davis, may need to make up any topic or language deficiencies.

THREE OF THE FOLLOWING COURSES:

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1A	General Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1B	General Biology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 1A &	General Biology	(5)
			BIOL 1B	General Biology	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
CHEM 2AH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
CHEM 2BH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
CHEM 2CH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
q) PHYSICS 9A	Classical Physics	(5)	PHYS 4A &	General Physics with Calculus	(5)
			PHYS 4B &	General Physics with Calculus	(5)
			PHYS 4C	General Physics with Calculus	(5)
q) PHYSICS 9B	Classical Physics	(5)	PHYS 4A &	General Physics with Calculus	(5)
			PHYS 4B &	General Physics with Calculus	(5)
			PHYS 4C	General Physics with Calculus	(5)
q) PHYSICS 9C	Classical Physics	(5)	PHYS 4A &	General Physics with Calculus	(5)
			PHYS 4B &	General Physics with Calculus	(5)
			PHYS 4C	General Physics with Calculus	(5)

END OF MAJOR

q) This is a series-by-series articulation, not course-by-course. If students do not complete the entire series of 4A, 4B, and 4C at Berkeley City College, they may make up missing material by taking Physics 49 at UC Davis.

====Design A.B.====

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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

DESIGN 1	Intro to Design	(4)	NO COMPARABLE COURSE
DESIGN 14	Design Drawing	(4)	NO COMPARABLE COURSE
	OR		OR
DESIGN 21	Drafting and Perspective	(4)	NO COMPARABLE COURSE
DESIGN 15	Form & Color	(4)	NO COMPARABLE COURSE
	AND		AND
DESIGN 16	Graphics & The Computer	(4)	NO COMPARABLE COURSE
DESIGN 40A	Energy, Materials, Design	(4)	NO COMPARABLE COURSE
	OR		OR
DESIGN 40B	Ideologies of Design	(4)	NO COMPARABLE COURSE
	OR		OR
DESIGN 40C	Design Aesthetics/Exper	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation

TWO COURSES FROM THE FOLLOWING:

Note: Courses listed twice may be used only once for major preparation

ART 12	Beginning Video	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
DESIGN 40A	Energy, Materials, Design	(4)	NO COMPARABLE COURSE
DESIGN 40B	Ideologies of Design	(4)	NO COMPARABLE COURSE
DESIGN 40C	Design Aesthetics/Exper	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
DESIGN 50	Intro to 3-D Design	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
DESIGN 70	Intro Textile Structure	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
DESIGN 77	Intro to Fashion Design	(4)	NO COMPARABLE COURSE

UWRITING 11	Pop Sci & Technol Wrtng	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
	OR		OR
UWRITING 12	Writing/Visual Rhetoric	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
	OR		OR
UWRITING 48	Style in the Essay	(4)	NO COMPARABLE COURSE
	Formerly UWRITING 18		
	OR		OR
UWRITING 49	Writing Research Papers	(4)	NO COMPARABLE COURSE
	Formerly UWRITING 19		
END OF MAJOR			

====East Asian Studies A.B.====

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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

HISTORY 9A	East Asian Civ	(4)	NO COMPARABLE COURSE
HISTORY 9B	East Asian Civ	(4)	NO COMPARABLE COURSE

ONE COURSE FROM THE FOLLOWING:

ARTHI 1D	Arts of Asia	(4)	NO COMPARABLE COURSE
CHINESE 7	Chinese Business Culture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHINESE 10	Modern Lit (in Engl)	(4)	NO COMPARABLE COURSE
CHINESE 11	Gt Bks China (Engl)	(4)	NO COMPARABLE COURSE
COMPLIT 53A	Lit of East Asia	(4)	NO COMPARABLE COURSE
JPNESE 10	Masterworks in English	(4)	NO COMPARABLE COURSE
JPNESE 25	Language & Culture (in English)	(4)	NO COMPARABLE COURSE
JPNESE 50	Intro to Literature	(4)	NO COMPARABLE COURSE
Same as: CHINESE 50			
E ASIAN 88	Korean Society	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
REL STD 75	Introduction to Chinese Philosophy	(4)	NO COMPARABLE COURSE

TWO COURSES (OR THE EQUIVALENT) OF EAST ASIAN LANGUAGE STUDY:

x) CHINESE 1	Elem Chinese	(5)	NO COMPARABLE COURSE
x) CHINESE 2	Elem Chinese	(5)	NO COMPARABLE COURSE
	OR		OR
y) JPNESE 1	Elem Japanese	(5)	NO COMPARABLE COURSE
y) JPNESE 2	Elem Japanese	(5)	NO COMPARABLE COURSE

END OF MAJOR

- x) Transfer students must take a UC Davis placement exam in Chinese language before enrolling in UC Davis Chinese language courses; duplication of coursework may result.
- y) Transfer students must take a UC Davis placement exam in Japanese language before enrolling in UC Davis Japanese language courses; duplication of credit may result.

====Ecological Management and Restoration B.S.====

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. See the [UC Transfer Admission website](#) for details. UC Davis requires that students complete the minimum transfer admission requirement 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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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 (A&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 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (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 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC 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. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

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 Transfer Admission website](#). The courses used for the A&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 CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to

fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 1A	General Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1B	General Biology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 1A & BIOL 1B	General Biology	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A & CHEM 1B	General Chemistry	(5)

PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE		
OR			OR		
h) PHYSICS 7A	General Physics	(4)	PHYS 3A & PHYS 3B	General Physics	(5)
h) PHYSICS 7B	General Physics	(4)	PHYS 3A & PHYS 3B	General Physics	(5)
h) PHYSICS 7C	General Physics	(4)	PHYS 3A & PHYS 3B	General Physics	(5)

It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

MATH 16A	Short Calculus	(3)	MATH 16A	Calculus for Business and the Life and Social Sciences	(3)
OR			OR		
MATH 16B	Short Calculus	(3)	MATH 3A	Calculus I	(5)
OR			MATH 16B	Calculus for Business and the Life and Social Sciences	(3)
OR			OR		
MATH 17A	Calculus for BioSci	(4)	MATH 3B	Calculus II	(5)
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
OR			OR		
MATH 21A	Calculus	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 21B	Calculus	(4)	MATH 3A	Calculus I	(5)
OR			MATH 3B	Calculus II	(5)
ENV S&P 1	Env Analysis	(4)	BIOL 13	Principles of Ecology	(3)

PREPARATION FOR GRADUATION:

SCI&SOC 18	GIS & Society	(3)	NO COURSE ARTICULATED: College has not		
------------	---------------	-----	--	--	--

END OF MAJOR

h) **This articulation is series-for-series only.**

====Economics A.B.====

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.

Beginning fall 2021, the major economics will become selective and will require preparatory coursework for admission. Any required courses that are offered at your current campus will need to be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses will not be offered at your college, you must complete them after enrolling at UC Davis.

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major (3.20 or higher for TAG applicants).

Strive to achieve your highest possible GPA in order to be most competitive. Transfer students must complete courses comparable to the following UC Davis courses with a GPA of at least 3.0 for the course group. Additionally, transfer applicants must have already achieved the required GPA in any of these courses that have been completed at the time the transfer academic update is submitted. Courses must be taken for a letter grade, with no grade less than C. (Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents).

- Mathematics 16A/B/C or Mathematics 17A/B/C or Mathematics 21A/B/C
- Economics 1A/B

We also strongly recommend that Economics applicants also complete coursework comparable to the following UC Davis course with a C or better grade before matriculating to UC Davis:

- Statistics 13

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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

ECON 1A	Princ of Microecon	(4)	ECON 2	Principles of Economics (3) (Micro-Economics)
ECON 1B	Princ of Macroecon	(4)	ECON 1	Principles of Economics (3) (Macro-Economics)

STATIST 13	Elementary Statistics	(4)	MATH 13	Introduction to (4) Statistics
Same as: STATIST 13Y				
OR			OR	
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE	

MATH 16A	Short Calculus	(3)	MATH 16A	Calculus for Business (3) and the Life and Social Sciences
			OR	
MATH 16B	Short Calculus	(3)	MATH 3A	Calculus I (5)
			MATH 16B	Calculus for Business (3) and the Life and Social Sciences
			OR	
OR			MATH 3B	Calculus II (5)
MATH 21A	Calculus	(4)	MATH 3A	Calculus I (5)
MATH 21B	Calculus	(4)	MATH 3B	Calculus II (5)

**STUDENTS CONSIDERING GRADUATE STUDY IN ECONOMICS ARE STRONGLY URGED
TO TAKE MATHEMATICS 21A/B/C AND 22A**

MATH 21C	Calculus	(4)	MATH 3C	Calculus III (5)
MATH 22A	Linear Algebra	(3)	MATH 3E	Linear Algebra (3)

END OF MAJOR

====Electrical Engineering B.S.====

Special Advising Note:

ARTICULATION FOR THIS MAJOR IS UNDER REVIEW. You may view the previous year's agreement, but be advised that articulation is subject to change from year to year.

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

College of Engineering applicants to fall 2019 should view the majors guide effective for the 2017-18 academic year. (Go to ASSIST.org and click on the red notice that appears at the top of the page after you enter a college or university). Admission selection for fall 2019 will be based upon ALL courses published as REQUIRED FOR ADMISSION on the 2017-18 majors guide for the major. You may also view this information as published in the College of Engineering Transfer Credit Agreement at

<http://engineering.ucdavis.edu/transfer-credit-agreements/>

Special Advising Note:

All majors in the College of Engineering are selective and require preparatory coursework for admission. Transfer applicants must earn an overall transfer GPA of 3.10 or higher to be competitive candidates for admission to any engineering major. Strive to achieve your highest possible GPA in order to be most competitive. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents.

Transfer applicants must also complete all lower-division courses required for their specific engineering major as listed below under courses "Required for Admission" with a cumulative GPA of 3.20 or higher for those courses completed at the time of application and through the transfer academic update filing period. Before submitting a UC application, students must have already achieved a cumulative GPA of 3.20 or higher in required lower-division major coursework completed. If one course from the group is completed at the time the application is submitted, the grade for that one course must be B+ or better. If two or more courses from the group are completed at the time the application is submitted, the GPA for those courses combined must be a 3.20 or higher.

Any required courses that are offered at your current college must be completed by the close of spring term for fall enrollment at UC Davis. If required courses are not offered at your California Community College (i.e. those identified on ASSIST as NO COMPARABLE COURSE or NO COURSE ARTICULATED), you must complete them after enrolling at UC Davis.

In addition to completing preparatory courses for the major, students must also meet UC transfer admission requirements by the close of spring term for fall enrollment at UC Davis. 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. See the UC Davis [transfer admission website](#) for details.

IGETC: Transfer students should place highest priority on completing all requirements for their chosen engineering major. By completing the Intersegmental General Education Transfer Curriculum (IGETC) however, the General Education (GE) requirement at UC Davis will be totally satisfied for all UC Davis GE requirements that may be met with lower-division courses. Completing IGETC is not required, nor does it improve the likelihood you will be admitted. See additional GE information below.

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 our website for details regarding [UC Davis TAG](#).

General Education (GE) Note:

For information concerning satisfaction of UC Davis GE requirements, please go

to the For General Education/Breadth section of ASSIST and select any GE area from the pull-down menu or view the "General Education" section of the 2018-19 [UC Davis General Catalog](#) online.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-2019 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

When there are more applicants than spaces available in the College of Engineering, priority is given to California community college transfers who have an overall UC transferable GPA of 3.10 or higher and who have completed all lower-division engineering major requirements available at the student's community college with a minimum GPA of 3.20 in these required courses. Contact your counselor or the UC Davis College of Engineering Undergraduate Office at (530) 752-1979, or consult the [College of Engineering website](#) if you have any questions.

END OF MAJOR

====English A.B.====

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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a

college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

ENGLISH 3	Intro to Lit	(4)	ENGL 1B	Composition and Reading (4)
	OR			OR
UWRITING 1	Expository Writing	(4)	ENGL 1A	Composition and Reading (4)
<hr/>				
ENGLISH 10A	Literatures in English I: To 1700	(4)	ENGL 85A	Literature in English through Milton (4)
ENGLISH 10B	Literatures in English II: 1700-1900	(4)	ENGL 85B	Literature in English: Late 17th Century through Mid-19th Century (4)
ENGLISH 10C	Literatures in English III: 1900 to Present	(4)	ENGL 85C	Literature in English: Mid-19th Century through the 20th Century (4)

ONE COURSE FROM THE FOLLOWING:

ENGLISH 40	Intro Topics in Lit	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ENGLISH 41	Intro Topics Lit & Media	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ENGLISH 43	Intro Topics in Drama	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ENGLISH 44	Intro Topics in Fiction	(4)	NO COMPARABLE COURSE
ENGLISH 45	Intro Topics in Poetry	(4)	NO COMPARABLE COURSE

END OF MAJOR

====Entomology B.S.====

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. See the [UC Transfer Admission website](#) for details. UC Davis requires that students complete the minimum transfer admission requirement 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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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 (A&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 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (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 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC 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. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

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 Transfer Admission website](#). The courses used for the A&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 CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

BIOLSCI 2A	Intro Biology:Life on Earth	(5)		BIOL 1A	General Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL 1B	General Biology	(5)
BIOLSCI 2C	Intro Biology:	(5)		BIOL 1A <u>&</u>	General Biology	(5)

	Biodiversity & the Tree of Life		BIOL 1B	General Biology	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry	(5)
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
	OR		OR		
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 12A	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 12A &	Organic Chemistry	(5)
			CHEM 12B	Organic Chemistry	(5)
MATH 16A	Short Calculus	(3)	MATH 16A	Calculus for Business and the Life and Social Sciences	(3)
			OR		
MATH 16B	Short Calculus	(3)	MATH 3A	Calculus I	(5)
			MATH 16B	Calculus for Business and the Life and Social Sciences	(3)
			OR		
MATH 16C	Short Calculus	(3)	MATH 3B	Calculus II	(5)
			MATH 16B	Calculus for Business and the Life and Social Sciences	(3)
			OR		
	OR		MATH 3B	Calculus II	(5)
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR		OR		
MATH 21A	Calculus	(4)	MATH 3A	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 3B	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 3C	Calculus III	(5)
PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE		
STATIST 13	Elementary Statistics	(4)	MATH 13	Introduction to Statistics	(4)
Same as: STATIST 13Y			OR		
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		
	OR		OR		
PL SCI 21	Computers in Technology	(3)	NO COMPARABLE COURSE		

====Environmental Engineering B.S.====

Special Advising Note:

ARTICULATION FOR THIS MAJOR IS UNDER REVIEW. You may view the previous year's agreement, but be advised that articulation is subject to change from year to year.

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

College of Engineering applicants to fall 2019 should view the majors guide effective for the 2017-18 academic year. (Go to ASSIST.org and click on the red notice that appears at the top of the page after you enter a college or university). Admission selection for fall 2019 will be based upon ALL courses published as REQUIRED FOR ADMISSION on the 2017-18 majors guide for the major. You may also view this information as published in the College of Engineering Transfer Credit Agreement at <http://engineering.ucdavis.edu/transfer-credit-agreements/>

Special Advising Note:

All majors in the College of Engineering are selective and require preparatory coursework for admission. Transfer applicants must earn an overall transfer GPA of 3.10 or higher to be competitive candidates for admission to any engineering major. Strive to achieve your highest possible GPA in order to be most competitive. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents.

Transfer applicants must also complete all lower-division courses required for their specific engineering major as listed below under courses "Required for Admission" with a cumulative GPA of 3.20 or higher for those courses completed at the time of application and through the transfer academic update filing period. Before submitting a UC application, students must have already achieved a cumulative GPA of 3.20 or higher in required lower-division major coursework completed. If one course from the group is completed at the time the application is submitted, the grade for that one course must be B+ or better. If two or more courses from the group are completed at the time the application is submitted, the GPA for those courses combined must be a 3.20 or higher.

Any required courses that are offered at your current college must be completed by the close of spring term for fall enrollment at UC Davis. If required courses are not offered at your California Community College (i.e. those identified on ASSIST as NO COMPARABLE COURSE or NO COURSE ARTICULATED), you must complete them after enrolling at UC Davis.

In addition to completing preparatory courses for the major, students must also meet UC transfer admission requirements by the close of spring term for fall enrollment at UC Davis. 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. See the UC Davis [transfer admission website](#) for details.

IGETC: Transfer students should place highest priority on completing all requirements for their chosen engineering major. By completing the Intersegmental General Education Transfer Curriculum (IGETC) however, the General Education (GE) requirement at UC Davis will be totally satisfied for all UC Davis GE requirements that may be met with lower-division courses. Completing IGETC is not required, nor does it improve the likelihood you will be admitted. See additional GE information below.

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 our website for details regarding [UC Davis TAG](#).

General Education (GE) Note:

For information concerning satisfaction of UC Davis GE requirements, please go to the For General Education/Breadth section of ASSIST and select any GE area from the pull-down menu or view the "General Education" section of the 2018-19

[UC Davis General Catalog](#) online.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-2019 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

END OF MAJOR

====Environmental Horticulture and Urban Forestry B.S.====
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. See the [UC Transfer Admission website](#) for details. UC Davis requires that students complete the minimum transfer admission requirement 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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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 (A&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 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native

American Studies 5 (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 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC 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. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

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 Transfer Admission website](#). The courses used for the A&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 CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

ENVHORT 1	Intro Envhort/Urb For	(3)	NO COMPARABLE COURSE	
ENVHORT 6	Intro Environ Plants	(4)	NO COMPARABLE COURSE	
LND ARC 30	History Environ Design	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1A	General Biology (5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1B	General Biology (5)
PL SCI 2	Bot Physio Cul Plt	(4)	NO COMPARABLE COURSE	
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry (5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry (5)
			CHEM 1B	General Chemistry (5)
ENV S&P 1	Env Analysis	(4)	BIOL 13	Principles of Ecology (3)
	OR			OR
ENV S&P 10	Current Issues in Environment	(3)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation	
ENV S&P 10 not open for credit to students who have completed ENV S&P 1				
	OR			OR
ENV S&P 30	Global Ecosystem	(3)	NO COMPARABLE COURSE	
	Same as: ENV SC&M 30			
PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE	
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE	
PL SCI 21	Computers in Technology	(3)	NO COMPARABLE COURSE	
MATH 16A	Short Calculus	(3)	MATH 16A	Calculus for Business (3)
				and the Life and

			Social Sciences	
			<u>OR</u>	
			MATH 3A	Calculus I (5)
			<u>OR</u>	
STATIST 13	Elementary Statistics	(4)	MATH 13	Introduction to Statistics (4)
Same as: STATIST 13Y				

Select one lower division resource science course and one lower division social science/humanities course for a minimum of six quarter units in consultation with advisor

URBAN LANDSCAPE MANAGEMENT OPTION

SCI&SOC 18	GIS & Society	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
------------	---------------	-----	---	--

RECOMMENDED COURSES:

COMUNCN 1	Intro Public Spkg	(4)	COMM 45	Public Speaking (3)
-----------	-------------------	-----	---------	---------------------

END OF MAJOR

===Environmental Policy Analysis & Planning B.S.===

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. See the [UC Transfer Admission website](#) for details. UC Davis requires that students complete the minimum transfer admission requirement 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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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 (A&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 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (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 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC 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. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

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 Transfer Admission website](#). The courses used for the A&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 CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

COMUNCN 1	Intro Public Spkg	(4)	COMM 45	Public Speaking	(3)
	OR			OR	
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	COMM 20	Interpersonal Communication Skills	(3)
	OR			OR	
DRAMART 10	Intro To Acting	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 1A	General Biology	(5)
	OR			OR	
BIOLSCI 10	Everyday Biology	(4)	BIOL 10	Introduction to Biology	(4)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
	OR			OR	
CHEM 10	Concept of Chem	(4)	NO COMPARABLE COURSE		
PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
BIOLSCI 2B	Intro Biology: Ecology	(5)	BIOL 1B	General Biology	(5)

	& Evolution				
	OR			OR	
CHEM 2B	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
			CHEM 1B	General Chemistry	(5)
	OR			OR	
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE		

ONE COURSE FROM THE FOLLOWING:

PL SCI 21	Computers in Technology	(3)	NO COMPARABLE COURSE		
	OR			OR	
SCI&SOC 18	GIS & Society	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ECON 1A	Princ of Microecon	(4)	ECON 2	Principles of Economics (Micro-Economics)	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 1	Principles of Economics (Macro-Economics)	(3)

ONE COURSE FROM THE FOLLOWING:

AN SCI 1	Domest Ani & People	(4)	NO COMPARABLE COURSE		
ATM SCI 60	Intro to Atmospheric Science	(4)	NO COMPARABLE COURSE		
b) GEOLOGY 1	The Earth	(4)	GEOL 10	Introduction to Geology	(3)
PL SCI 12	Plants and Society	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	Same as: SCI&SOC 12				
FORMERLY PLANT BIO 12					
W&F BIO 51	Intro to Conservation Biology	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ENV S&P 1	Env Analysis	(4)	BIOL 13	Principles of Ecology	(3)
MATH 16A	Short Calculus	(3)	MATH 16A	Calculus for Business and the Life and Social Sciences	(3)
			OR		
MATH 16B	Short Calculus	(3)	MATH 3A	Calculus I	(5)
			MATH 16B	Calculus for Business and the Life and Social Sciences	(3)
			OR		
	OR		MATH 3B	Calculus II	(5)
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR		OR		
MATH 21A	Calculus	(4)	MATH 3A	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 3B	Calculus II	(5)
POL SCI 1	Amer Natl Govt	(4)	POSCI 1	Government and Politics in the United States	(3)
STATIST 13	Elementary Statistics	(4)	MATH 13	Introduction to Statistics	(4)
	Same as: STATIST 13Y				
	OR		OR		
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		

CLIMATE CHANGE POLICY AREA:

SCI&SOC 25	Global Climate Change	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
------------	-----------------------	-----	---	--	--

END OF MAJOR

b) If a student takes GEOL 10 at Berkeley City College, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.

====Environmental Science and Management B.S.====

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. See the [UC Transfer Admission website](#) for details. UC Davis requires that students complete the minimum transfer admission requirement 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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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 (A&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 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (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 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community

College (CCC).

CCC 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. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

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 Transfer Admission website](#). The courses used for the A&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 CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

COMUNCN 1	Intro Public Spkg	(4)	COMM 45	Public Speaking	(3)
	OR			OR	
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	COMM 20	Interpersonal Communication Skills	(3)
	OR			OR	
DRAMART 10	Intro To Acting	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1A	General Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1B	General Biology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 1A & BIOL 1B	General Biology	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A & CHEM 1B	General Chemistry	(5)
	OR			OR	
CHEM 2AH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
CHEM 2BH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
b) GEOLOGY 1	The Earth	(4)	GEOL 10	Introduction to Geology	(3)
	OR			OR	
GEOLOGY 50	Physical Geology	(3)	GEOL 10	Introduction to Geology	(3)
PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE		
	OR			OR	
h) PHYSICS 7A	General Physics	(4)	PHYS 3A & PHYS 3B	General Physics	(5)
			PHYS 3B	General Physics	(5)
h) PHYSICS 7B	General Physics	(4)	PHYS 3A & PHYS 3B	General Physics	(5)
			PHYS 3B	General Physics	(5)
h) PHYSICS 7C	General Physics	(4)	PHYS 3A & PHYS 3B	General Physics	(5)
			PHYS 3B	General Physics	(5)

It is highly recommended that students complete an entire physics series at

their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

ECON 1A	Princ of Microecon	(4)	ECON 2	Principles of Economics (3) (Micro-Economics)
MATH 16A	Short Calculus	(3)	MATH 16A	Calculus for Business (3) and the Life and Social Sciences
			OR	
MATH 16B	Short Calculus	(3)	MATH 3A	Calculus I (5)
			MATH 16B	Calculus for Business (3) and the Life and Social Sciences
			OR	
	OR		MATH 3B	Calculus II (5)
MATH 17A	Calculus for BioSci	(4)	OR	
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
	OR		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
MATH 21A	Calculus	(4)	OR	
MATH 21B	Calculus	(4)	MATH 3A	Calculus I (5)
			MATH 3B	Calculus II (5)
ENV S&P 1	Env Analysis	(4)	BIOL 13	Principles of Ecology (3)

RECOMMENDED COURSES FOR THIS MAJOR:

CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry (5)
	OR		OR	
CHEM 2CH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE	

PREPARATION FOR GRADUATION:

STATIST 13	Elementary Statistics	(4)	MATH 13	Introduction to (4) Statistics
Same as: STATIST 13Y				

ECOLOGY, BIODIVERSITY, AND CONSERVATION TRACK:

ATM SCI 60	Intro to Atmospheric Science	(4)	NO COMPARABLE COURSE
------------	------------------------------	-----	----------------------

CLIMATE CHANGE AND AIR QUALITY TRACK:

ATM SCI 60	Intro to Atmospheric Science	(4)	NO COMPARABLE COURSE
------------	------------------------------	-----	----------------------

WATERSHED SCIENCE TRACK:

HYDRO S 10	Water, Power, Society	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
Same as: SCI&SOC 10			
GEOLOGY 35	Rivers	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
LND ARC 60	Landform Grading Studio	(6)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

END OF MAJOR

- b) If a student takes GEOL 10 at Berkeley City College, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.
h) This articulation is series-for-series only.

====Environmental Toxicology B.S.====

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. See the [UC Transfer Admission website](#) for details. UC Davis requires that students complete the minimum transfer admission requirement 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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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 (A&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 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (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 3 or University Writing Program 1. See the current

articulation for appropriate courses available at your California Community College (CCC).

CCC 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. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

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 Transfer Admission website](#). The courses used for the A&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 CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1A	General Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1B	General Biology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 1A &	General Biology	(5)
			BIOL 1B	General Biology	(5)
<hr/>					
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
OR			OR		
CHEM 2AH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
CHEM 2BH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
CHEM 2CH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
<hr/>					
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 12A	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 12A &	Organic Chemistry	(5)
			CHEM 12B	Organic Chemistry	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 12B	Organic Chemistry	(5)
OR			OR		
CHEM 128A	Organic Chemistry	(3)	CHEM 12A	Organic Chemistry	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 12A &	Organic Chemistry	(5)
			CHEM 12B	Organic Chemistry	(5)
CHEM 128C	Organic Chemistry	(3)	CHEM 12B	Organic Chemistry	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 12A	Organic Chemistry	(5)
<hr/>					
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
OR			OR		
MATH 21A	Calculus	(4)	MATH 3A	Calculus I	(5)

MATH 21B	Calculus	(4)	MATH 3B	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 3C	Calculus III	(5)
<hr/>					
h) PHYSICS 7A	General Physics	(4)	PHYS 3A &	General Physics	(5)
			PHYS 3B	General Physics	(5)
h) PHYSICS 7B	General Physics	(4)	PHYS 3A &	General Physics	(5)
			PHYS 3B	General Physics	(5)
h) PHYSICS 7C	General Physics	(4)	PHYS 3A &	General Physics	(5)
			PHYS 3B	General Physics	(5)

It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

END OF MAJOR

h) **This articulation is series-for-series only.**

====Evolution, Ecology & Biodiversity A.B.====

Special Advising Note:

The following majors in the College of the Biological Sciences--biochemistry and molecular biology; biological sciences; cell biology; evolution, ecology, and biodiversity; genetics and genomics; marine and coastal science (marine ecology & organismal biology); microbiology; neurobiology, physiology, and behavior; and plant biology--are selective and require preparatory coursework for admission. Any required courses that are offered at your current campus must be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses are not offered at your college, you must complete them after enrolling at UC Davis.

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.

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.50 for each of the three course groups. It is recommended that candidates have already achieved the minimum required GPAs for the courses in the groups below that have been completed by the time of application and maintain them through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

Mathematics 17A/B/C or 21A/B
 Chemistry 2A/B/C
 Biological Sciences 2A/B/C

It is also strongly recommended that transfer students complete courses comparable to the following UC Davis courses. Completion of these courses will help you move more efficiently toward graduation. Courses should be taken for a letter grade, with no grade less than C:

Organic Chemistry series cited on ASSIST for your major*
 Physics 7A/B/C or the physics series cited on ASSIST
 for your intended College of Biological Sciences major (especially

useful for Neurobiology, Physiology and Behavior majors).

* Students planning for the major biochemistry and molecular biology should complete Organic Chemistry 118A/B/C rather than 8A/B. Students planning for the major marine and coastal science (marine ecology & organismal biology) should complete Organic Chemistry 8A/B; however, students may substitute Chemistry 118A/B/C.

Transfer students must also meet UC transfer admission requirements. UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. See the [UC Transfer Admission webpage](#). 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.

Special Note for Transfer Students Considering an A.B. Degree in this Major:

Applicants to majors in the College of Biological Sciences apply to the major, without reference to A.B. or B.S. degrees, which are chosen after enrollment at UC Davis. All majors currently offered in the College of Biological Sciences are selective for purposes of admission; therefore, in order to be considered for admission in this selective major, transfer students who plan to pursue the A.B. degree MUST also complete Chemistry 2C and additional courses in math. At a minimum, for admission students MUST complete courses comparable to UC Davis's Biological Sciences 2A/B/C; Mathematics 17A/B/C or 21A/B; and Chemistry 2A/B/C. See the B.S. degree in this major for additional course articulation information.

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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1A	General Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1B	General Biology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 1A & BIOL 1B	General Biology	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A & CHEM 1B	General Chemistry	(5)
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 3A	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 3B	Calculus II	(5)
PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE		

RECOMMENDED:

MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR	
MATH 21C	Calculus	(4)	MATH 3C	Calculus III	(5)

END OF MAJOR

====Evolution, Ecology & Biodiversity B.S.====

Special Advising Note:

The following majors in the College of the Biological Sciences--biochemistry and molecular biology; biological sciences; cell biology; evolution, ecology, and biodiversity; genetics and genomics; marine and coastal science (marine ecology & organismal biology); microbiology; neurobiology, physiology, and behavior; and plant biology--are selective and require preparatory coursework for admission. Any required courses that are offered at your current campus must be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses are not offered at your college, you must complete them after enrolling at UC Davis.

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.

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.50 for each of the three course groups. It is recommended that candidates have already achieved the minimum required GPAs for the courses in the groups below that have been completed by the time of application and maintain them through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International

Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

Mathematics 17A/B/C or 21A/B
Chemistry 2A/B/C
Biological Sciences 2A/B/C

It is also strongly recommended that transfer students complete courses comparable to the following UC Davis courses. Completion of these courses will help you move more efficiently toward graduation. Courses should be taken for a letter grade, with no grade less than C:

Organic Chemistry series cited on ASSIST for your major*
Physics 7A/B/C or the physics series cited on ASSIST
for your intended College of Biological Sciences major (especially useful for Neurobiology, Physiology and Behavior majors).

* Students planning for the major biochemistry and molecular biology should complete Organic Chemistry 118A/B/C rather than 8A/B. Students planning for the major marine and coastal science (marine ecology & organismal biology) should complete Organic Chemistry 8A/B; however, students may substitute Chemistry 118A/B/C.

Transfer students must also meet UC transfer admission requirements. UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. See the [UC Transfer Admission webpage](#). 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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1A	General Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1B	General Biology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree	(5)	BIOL 1A <u>&</u> BIOL 1B	General Biology	(5)
				General Biology	(5)

of Life								
CHEM 2A	Genl Chemistry	(5)			CHEM 1A	General Chemistry	(5)	
CHEM 2B	Genl Chemistry	(5)			CHEM 1A &	General Chemistry	(5)	
					CHEM 1B	General Chemistry	(5)	
CHEM 2C	Genl Chemistry	(5)			CHEM 1B	General Chemistry	(5)	
CHEM 8A	Organic Chem-Brief	(2)			NO COMPARABLE COURSE			
CHEM 8B	Organic Chem-Brief	(4)			NO COMPARABLE COURSE			
OR					OR			
CHEM 118A	Org Chem, Hlth & Sci	(4)			CHEM 12A	Organic Chemistry	(5)	
CHEM 118B	Org Chem, Hlth & Sci	(4)			CHEM 12A &	Organic Chemistry	(5)	
					CHEM 12B	Organic Chemistry	(5)	
CHEM 118C	Org Chem, Hlth & Sci	(4)			CHEM 12B	Organic Chemistry	(5)	
MATH 17A	Calculus for BioSci	(4)			NO COURSE ARTICULATED: College has not submitted course(s) for articulation			
MATH 17B	Calculus for Biosci	(4)			NO COURSE ARTICULATED: College has not submitted course(s) for articulation			
MATH 17C	Calculus for BioSci	(4)			NO COURSE ARTICULATED: College has not submitted course(s) for articulation			
OR					OR			
MATH 21A	Calculus	(4)			MATH 3A	Calculus I	(5)	
MATH 21B	Calculus	(4)			MATH 3B	Calculus II	(5)	
h) PHYSICS 7A	General Physics	(4)			PHYS 3A &	General Physics	(5)	
					PHYS 3B	General Physics	(5)	
h) PHYSICS 7B	General Physics	(4)			PHYS 3A &	General Physics	(5)	
					PHYS 3B	General Physics	(5)	
h) PHYSICS 7C	General Physics	(4)			PHYS 3A &	General Physics	(5)	
					PHYS 3B	General Physics	(5)	

It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

				RECOMMENDED:				
MATH 21C	Calculus	(4)			MATH 3C	Calculus III	(5)	

END OF MAJOR

h) This articulation is series-for-series only.

====Fiber & Polymer Science B.S.====

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

The undergraduate major Fiber and Polymer Science in the College of Agricultural and Environmental Sciences is suspended for 2018 and 2019 applicants, and TAGs will not be available. The minor in Fiber and Polymer Science remains available to applicants.

CHEM 2A	Genl Chemistry	(5)			CHEM 1A	General Chemistry	(5)	
CHEM 2B	Genl Chemistry	(5)			CHEM 1A &	General Chemistry	(5)	
					CHEM 1B	General Chemistry	(5)	

The undergraduate major Fiber and Polymer Science in the College of Agricultural and Environmental Sciences has been suspended for fall 2017 applicants, and fall 2017 TAGs will not be available. The minor in Fiber and Polymer Science will remain available to these applicants. Fall 2017 applicants are encouraged to consider the Textiles and Clothing major, Textile Science option.

CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
B) ENG CS 15	Intro to Computers	(4)	CIS 1	Introduction to Computer Information Systems	(4)
			<u>OR</u>		
			CIS 5	Introduction to Computer Science	(5)
	<u>OR</u>			<u>OR</u>	
ENG CS 36A	Programming	(4)	CIS 6	Introduction to Computer Programming	(5)
	Formerly ENG CS 30				

Please note that the community college's computer science courses may not be identical to UC Davis courses. Community college students, upon transfer to UC Davis, may need to make up any topic or language deficiencies.

MATH 16A	Short Calculus	(3)	MATH 16A	Calculus for Business and the Life and Social Sciences	(3)
			<u>OR</u>		
MATH 16B	Short Calculus	(3)	MATH 3A	Calculus I	(5)
			MATH 16B	Calculus for Business and the Life and Social Sciences	(3)
			<u>OR</u>		
MATH 16C	Short Calculus	(3)	MATH 3B	Calculus II	(5)
			MATH 16B	Calculus for Business and the Life and Social Sciences	(3)
			<u>OR</u>		
	<u>OR</u>		MATH 3B	Calculus II	(5)
MATH 21A	Calculus	(4)	MATH 3A	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 3B	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 3C	Calculus III	(5)
h) PHYSICS 7A	General Physics	(4)	PHYS 3A &	General Physics	(5)
			PHYS 3B	General Physics	(5)
h) PHYSICS 7B	General Physics	(4)	PHYS 3A &	General Physics	(5)
			PHYS 3B	General Physics	(5)
h) PHYSICS 7C	General Physics	(4)	PHYS 3A &	General Physics	(5)
			PHYS 3B	General Physics	(5)

It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

	<u>OR</u>			<u>OR</u>	
q) PHYSICS 9A	Classical Physics	(5)	PHYS 4A &	General Physics with Calculus	(5)
			PHYS 4B &	General Physics with Calculus	(5)
			PHYS 4C	General Physics with Calculus	(5)
q) PHYSICS 9B	Classical Physics	(5)	PHYS 4A &	General Physics with Calculus	(5)
			PHYS 4B &	General Physics with Calculus	(5)
			PHYS 4C	General Physics with Calculus	(5)

q) PHYSICS 9C	Classical Physics	(5)	PHYS 4A &	General Physics with Calculus	(5)
			PHYS 4B &	General Physics with Calculus	(5)
			PHYS 4C	General Physics with Calculus	(5)
STATIST 13	Elementary Statistics	(4)	MATH 13	Introduction to Statistics	(4)
Same as: STATIST 13Y					
TEX&CL 6	Intro Textiles	(4)	NO COMPARABLE COURSE		
TEX&CL 8	Textile Apparel Ind	(4)	NO COMPARABLE COURSE		
	OR			OR	
ENGIN 45	Prop of Mats	(4)	NO COMPARABLE COURSE		

PREPARATION FOR GRADUATION:

CHEM 128A	Organic Chemistry	(3)	CHEM 12A	Organic Chemistry	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 12A &	Organic Chemistry	(5)
			CHEM 12B	Organic Chemistry	(5)
CHEM 128C	Organic Chemistry	(3)	CHEM 12B	Organic Chemistry	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 12A	Organic Chemistry	(5)
CHEM 129B	Organic Chem Lab	(2)	CHEM 12A &	Organic Chemistry	(5)
			CHEM 12B	Organic Chemistry	(5)

ELECTIVE COURSES:

ECON 1A	Princ of Microecon	(4)	ECON 2	Principles of Economics (Micro-Economics)	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 1	Principles of Economics (Macro-Economics)	(3)
MATH 22A	Linear Algebra	(3)	MATH 3E	Linear Algebra	(3)
MATH 22B	Differntl Equations	(3)	MATH 3F	Differential Equations	(3)
PL SCI 21	Computers in Technology	(3)	NO COMPARABLE COURSE		

END OF MAJOR

- B) UCD ENG CS 15 not intended for Computer Science or Computer Science Engineering majors. Only two units of credit allowed to students who have completed PLT SCI 21.
- h) This articulation is series-for-series only.
- q) This is a series-by-series articulation, not course-by-course. If students do not complete the entire series of 4A, 4B, and 4C at Berkeley City College, they may make up missing material by taking Physics 49 at UC Davis.

====Food Science B.S.====

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. See the [UC Transfer Admission website](#) for details. UC Davis requires that students

complete the minimum transfer admission requirement 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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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 (A&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 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (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 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC 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. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

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 Transfer Admission website](#). The courses used for the A&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 CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

COMUNCN 1	Intro Public Spkg	(4)	COMM 45	Public Speaking	(3)
MATH 16A	Short Calculus	(3)	MATH 16A	Calculus for Business and the Life and Social Sciences	(3)
			OR		
MATH 16B	Short Calculus	(3)	MATH 3A	Calculus I	(5)
			MATH 16B	Calculus for Business and the Life and Social Sciences	(3)
			OR		
MATH 16C	Short Calculus	(3)	MATH 3B	Calculus II	(5)
			MATH 16B	Calculus for Business and the Life and Social Sciences	(3)
			OR		
			MATH 3B	Calculus II	(5)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1A	General Biology	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
	AND		AND		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
	OR		OR		
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 12A	Organic Chemistry	(5)
	AND		AND		
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 12A &	Organic Chemistry	(5)
			CHEM 12B	Organic Chemistry	(5)
	OR		OR		
CHEM 128A	Organic Chemistry	(3)	CHEM 12A	Organic Chemistry	(5)
	AND		AND		
CHEM 128B	Organic Chemistry	(3)	CHEM 12A &	Organic Chemistry	(5)
			CHEM 12B	Organic Chemistry	(5)
	AND		AND		
CHEM 129A	Organic Chem Lab	(2)	CHEM 12A	Organic Chemistry	(5)
h) PHYSICS 7A	General Physics	(4)	PHYS 3A &	General Physics	(5)
			PHYS 3B	General Physics	(5)
h) PHYSICS 7B	General Physics	(4)	PHYS 3A &	General Physics	(5)
			PHYS 3B	General Physics	(5)
h) PHYSICS 7C	General Physics	(4)	PHYS 3A &	General Physics	(5)
			PHYS 3B	General Physics	(5)

It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

FD S&T 50	Intro Food Preservation	(3)		NO COMPARABLE COURSE	

STATIST 13	Elementary Statistics	(4)		MATH 13	Introduction to (4)
	Same as: STATIST 13Y				Statistics

NUTR 10	Discoveries and Concepts	(3)		NO COMPARABLE COURSE	

RECOMMENDED FOR STUDENTS INTENDING TO PURSUE GRADUATE OR PROFESSIONAL STUDIES:					
CHEM 118C	Org Chem, Hlth & Sci	(4)		CHEM 12B	Organic Chemistry (5)
	OR			OR	
CHEM 128C	Organic Chemistry	(3)		CHEM 12B	Organic Chemistry (5)
	AND			AND	
CHEM 129B	Organic Chem Lab	(2)		CHEM 12A &	Organic Chemistry (5)
				CHEM 12B	Organic Chemistry (5)
	AND			AND	
CHEM 129C	Organic Chem Lab	(2)		CHEM 12B	Organic Chemistry (5)

END OF MAJOR

h) **This articulation is series-for-series only.**

====French A.B.====

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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See

<http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

FRENCH 1	Elementary French	(5)	FREN 1A	Elementary French	(5)
FRENCH 2	Elementary French	(5)	FREN 1A &	Elementary French	(5)
			FREN 1B	Elementary French	(5)
FRENCH 3	Elementary French	(5)	FREN 1B	Elementary French	(5)
FRENCH 21	Intermed French	(5)	NO COMPARABLE COURSE		
FRENCH 22	Intermed French	(5)	NO COMPARABLE COURSE		
FRENCH 23	Intermed French	(5)	NO COMPARABLE COURSE		

Please Note: Based on our experience, and in order to insure that students are well-prepared for second year and upper-division courses, students who plan to enroll in FRENCH 21 or a higher course must first consult with one of the French Department's Lower-Division Language Coordinators. It is also strongly recommended that all transfer students take the French Placement Test when transferring to UC Davis.

END OF MAJOR

====Gender, Sexuality and Women's Studies A.B.====

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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC

Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

d) WOM STD 50	Intro Gender Studies	(4)	WS 1	Introduction to Women's Studies	(3)
WOM STD 60	Feminist Critiques	(4)	NO COMPARABLE COURSE		
WOM STD 70	Sexual:Thry&Hist	(4)	NO COMPARABLE COURSE		

TWO COURSES FROM THE FOLLOWING:

AF-AMST 10	Af-Am Culture & Soc	(4)	NO COMPARABLE COURSE		
AF-AMST 17	Women in Africa	(4)	NO COMPARABLE COURSE		
AMR STD 21	Objects & Everyday Life	(4)	NO COMPARABLE COURSE		
AMR STD 30	Amr Images Pop Cult	(4)	NO COMPARABLE COURSE		
ANTHRO 2	Cultural Anthropology	(5)	ANTHR 3	Introduction to Social and Cultural Anthropology	(3)
ANTHRO 20	Comparative Cultures	(4)	NO COMPARABLE COURSE		
ANTHRO 30	Sexualities	(4)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
A A STD 1	Hist Exp Asian Am	(4)	NO COMPARABLE COURSE		
A A STD 2	Contemp Issues of Asian Americans	(4)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
CHICANO 10	Intro to Chic Std	(4)	NO COMPARABLE COURSE		
CHICANO 21	Hlth Care Issues	(4)	NO COMPARABLE COURSE		
CHICANO 50	Chicano Culture	(4)	NO COMPARABLE COURSE		
COMPLIT 12	Intro Women Writers	(4)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
DRAMART 1	Theatre, Performance and Culture	(4)	NO COMPARABLE COURSE		
ENGLISH 3	Intro to Lit	(4)	ENGL 1B	Composition and Reading	(4)
HISTORY 72A	Am Women & Gender	(4)	NO COMPARABLE COURSE		
HISTORY 72B	Am Women & Gender	(4)	NO COMPARABLE COURSE		
HISTORY 85	Nat,Man&Mach/Amer	(4)	NO COMPARABLE COURSE		
N A STD 10	NA Experience	(4)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
N A STD 32	NA Music & Dance	(4)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
POL SCI 7	Law & Politics	(4)	NO COMPARABLE COURSE		
PSYCH 1	General Psychology	(4)	PSYCH 1A	Introduction to General Psychology	(3)
SCI&TEC 1	Intro Sci & Tech Std	(4)	NO COMPARABLE COURSE		
SCI&TEC 2	Intro History of Science	(4)			
SCI&TEC 20	Sci & Tec Std Methods	(4)	NO COMPARABLE COURSE		
SCI&TEC 32	Drugs, Science and Culture	(4)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
Same as: ANTHRO 32					
SOCIOL 2	Self and Society	(4)	NO COURSE ARTICULATED:	College has not	

			submitted course(s) for articulation
SOCIOL 3	Social Problems	(4)	SOC 2 Social Problems (3)
SOCIOL 11	Sociology of Labor and Employment	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
SOCIOL 30A	Multicultural Societies	(3)	NO COMPARABLE COURSE
SOCIOL 30B	Multicultural Societies	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
TEX&CL 7	Style & Cult Std	(4)	NO COMPARABLE COURSE
UWRITING 49	Writing Research Papers	(4)	NO COMPARABLE COURSE
Formerly UWRITING 19			
WOM STD 20	Cult Repr of Gndr	(4)	NO COMPARABLE COURSE
END OF MAJOR			

d) **Berkeley City College's WS 1 must be taken for a letter grade in order to receive credit for UC Davis's WOM STD 50.**

====Genetics and Genomics B.S.====

Special Advising Note:

The following majors in the College of the Biological Sciences--biochemistry and molecular biology; biological sciences; cell biology; evolution, ecology, and biodiversity; genetics and genomics; marine and coastal science (marine ecology & organismal biology); microbiology; neurobiology, physiology, and behavior; and plant biology--are selective and require preparatory coursework for admission. Any required courses that are offered at your current campus must be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses are not offered at your college, you must complete them after enrolling at UC Davis.

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.

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.50 for each of the three course groups. It is recommended that candidates have already achieved the minimum required GPAs for the courses in the groups below that have been completed by the time of application and maintain them through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

Mathematics 17A/B/C or 21A/B
Chemistry 2A/B/C
Biological Sciences 2A/B/C

It is also strongly recommended that transfer students complete courses comparable to the following UC Davis courses. Completion of these courses will help you move more efficiently toward graduation. Courses should be taken for a letter grade, with no grade less than C:

Organic Chemistry series cited on ASSIST for your major*
Physics 7A/B/C or the physics series cited on ASSIST
for your intended College of Biological Sciences major (especially useful for Neurobiology, Physiology and Behavior majors).

* Students planning for the major biochemistry and molecular biology should complete Organic Chemistry 118A/B/C rather than 8A/B. Students planning for the

major marine and coastal science (marine ecology & organismal biology) should complete Organic Chemistry 8A/B; however, students may substitute Chemistry 118A/B/C.

Transfer students must also meet UC transfer admission requirements. UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. See the [UC Transfer Admission webpage](#). 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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1A	General Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1B	General Biology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 1A <u>&</u>	General Biology	(5)
			BIOL 1B	General Biology	(5)
<hr/>					
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A <u>&</u>	General Chemistry	(5)
			CHEM 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
	OR			OR	
CHEM 2AH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
CHEM 2BH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
CHEM 2CH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
<hr/>					
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
	OR			OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 12A	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 12A <u>&</u>	Organic Chemistry	(5)
			CHEM 12B	Organic Chemistry	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 12B	Organic Chemistry	(5)

MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
OR			OR	
MATH 21A	Calculus	(4)	MATH 3A	Calculus I (5)
MATH 21B	Calculus	(4)	MATH 3B	Calculus II (5)

h) PHYSICS 7A	General Physics	(4)	PHYS 3A & General Physics	(5)
			PHYS 3B General Physics	(5)
h) PHYSICS 7B	General Physics	(4)	PHYS 3A & General Physics	(5)
			PHYS 3B General Physics	(5)
h) PHYSICS 7C	General Physics	(4)	PHYS 3A & General Physics	(5)
			PHYS 3B General Physics	(5)

It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

RECOMMENDED:				
MATH 21C	Calculus	(4)	MATH 3C	Calculus III (5)

END OF MAJOR

h) **This articulation is series-for-series only.**

====Geology A.B.====

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. See the [UC Transfer Admission website](#) for details. UC Davis requires that students complete the minimum transfer admission requirement 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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

GEOLOGY 3	History of Life	(3)	NO COMPARABLE COURSE
GEOLOGY 3L	History of Life Lab	(1)	NO COMPARABLE COURSE
GEOLOGY 50	Physical Geology	(3)	GEOL 10 Introduction to Geology (3)
GEOLOGY 50L	Physical Geol Lab	(2)	NO COMPARABLE COURSE
GEOLOGY 60	Earth Materials: Intro	(4)	NO COMPARABLE COURSE

MATH 16A	Short Calculus	(3)	MATH 16A	Calculus for Business and the Life and Social Sciences	(3)
			OR		
MATH 16B	Short Calculus	(3)	MATH 3A	Calculus I	(5)
			MATH 16B	Calculus for Business and the Life and Social Sciences	(3)
			OR		
	OR		MATH 3B	Calculus II	(5)
MATH 21A	Calculus	(4)	MATH 3A	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 3B	Calculus II	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry	(5)

h) PHYSICS 7A	General Physics	(4)	PHYS 3A &	General Physics	(5)
			PHYS 3B	General Physics	(5)
h) PHYSICS 7B	General Physics	(4)	PHYS 3A &	General Physics	(5)
			PHYS 3B	General Physics	(5)

It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

STATIST 13	Elementary Statistics	(4)	MATH 13	Introduction to Statistics	(4)
	Same as: STATIST 13Y				
	OR		OR		
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		

END OF MAJOR

h) **This articulation is series-for-series only.**

====Geology B.S.====

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. See the [UC Transfer Admission website](#) for details. UC Davis requires that students complete the minimum transfer admission requirement 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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

GEOLOGY 3	History of Life	(3)	NO COMPARABLE COURSE		
GEOLOGY 3L	History of Life Lab	(1)	NO COMPARABLE COURSE		
GEOLOGY 50	Physical Geology	(3)	GEOL 10	Introduction to Geology	(3)
GEOLOGY 50L	Physical Geol Lab	(2)	NO COMPARABLE COURSE		
GEOLOGY 60	Earth Materials:Intro	(4)	NO COMPARABLE COURSE		
GEOLOGY 62	Optical Mineralogy	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

MATH 21A	Calculus	(4)	MATH 3A	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 3B	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 3C	Calculus III	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)

SELECT ONE OF THE FOLLOWING THREE OPTIONS:

GENERAL GEOLOGY OPTION:

CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		
h) PHYSICS 7A	General Physics	(4)	PHYS 3A &	General Physics	(5)
			PHYS 3B	General Physics	(5)
h) PHYSICS 7B	General Physics	(4)	PHYS 3A &	General Physics	(5)
			PHYS 3B	General Physics	(5)
h) PHYSICS 7C	General Physics	(4)	PHYS 3A &	General Physics	(5)
			PHYS 3B	General Physics	(5)

It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

OR			OR		
q) PHYSICS 9A	Classical Physics	(5)	PHYS 4A &	General Physics with	(5)
				Calculus	
			PHYS 4B &	General Physics with	(5)
				Calculus	
			PHYS 4C	General Physics with	(5)
				Calculus	
q) PHYSICS 9B	Classical Physics	(5)	PHYS 4A &	General Physics with	(5)
				Calculus	
			PHYS 4B &	General Physics with	(5)
				Calculus	
			PHYS 4C	General Physics with	(5)
				Calculus	
q) PHYSICS 9C	Classical Physics	(5)	PHYS 4A &	General Physics with	(5)
				Calculus	
			PHYS 4B &	General Physics with	(5)
				Calculus	
			PHYS 4C	General Physics with	(5)
				Calculus	

Physics 9A/B/C is recommended over 7A/B/C, if available

GEOCHEMISTRY/PETROLOGY OPTION:

CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		
MATH 21D	Vector Analysis	(4)	MATH 3C	Calculus III	(5)
q) PHYSICS 9A	Classical Physics	(5)	PHYS 4A &	General Physics with	(5)
				Calculus	
			PHYS 4B &	General Physics with	(5)
				Calculus	
			PHYS 4C	General Physics with	(5)
				Calculus	
q) PHYSICS 9B	Classical Physics	(5)	PHYS 4A &	General Physics with	(5)
				Calculus	
			PHYS 4B &	General Physics with	(5)
				Calculus	
			PHYS 4C	General Physics with	(5)
				Calculus	

QUANTITATIVE/GEOPHYSICS OPTION:

MATH 21D	Vector Analysis	(4)	MATH 3C	Calculus III	(5)
MATH 22A	Linear Algebra	(3)	MATH 3E	Linear Algebra	(3)
q) PHYSICS 9A	Classical Physics	(5)	PHYS 4A &	General Physics with Calculus	(5)
			PHYS 4B &	General Physics with Calculus	(5)
			PHYS 4C	General Physics with Calculus	(5)
q) PHYSICS 9B	Classical Physics	(5)	PHYS 4A &	General Physics with Calculus	(5)
			PHYS 4B &	General Physics with Calculus	(5)
			PHYS 4C	General Physics with Calculus	(5)
q) PHYSICS 9C	Classical Physics	(5)	PHYS 4A &	General Physics with Calculus	(5)
			PHYS 4B &	General Physics with Calculus	(5)
			PHYS 4C	General Physics with Calculus	(5)

END OF MAJOR

- h) This articulation is series-for-series only.
- q) This is a series-by-series articulation, not course-by-course. If students do not complete the entire series of 4A, 4B, and 4C at Berkeley City College, they may make up missing material by taking Physics 49 at UC Davis.

====German A.B.====

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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option

from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

GERMAN 1	Elementary German	(5)	NO COMPARABLE COURSE
GERMAN 2	Elementary German	(5)	NO COMPARABLE COURSE
GERMAN 3	Elementary German	(5)	NO COMPARABLE COURSE
GERMAN 20	Intermediate German	(4)	NO COMPARABLE COURSE
GERMAN 21	Intermediate German	(4)	NO COMPARABLE COURSE
GERMAN 22	Intermediate German	(4)	NO COMPARABLE COURSE

END OF MAJOR

====Global Disease Biology B.S.====

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. See the [UC Transfer Admission website](#) for details. UC Davis requires that students complete the minimum transfer admission requirement 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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC

Davis decides 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 (A&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 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (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 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC 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. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

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 Transfer Admission website](#). The courses used for the A&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 CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

GDISBIO 90	Intro Global Disease Bio	(1)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
SCI&SOC 13	Disease and Society	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 1A	General Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1B	General Biology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 1A &	General Biology	(5)
			BIOL 1B	General Biology	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)

CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
			CHEM 1B	General Chemistry	(5)
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
	OR			OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 12A	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 12A &	Organic Chemistry	(5)
			CHEM 12B	Organic Chemistry	(5)
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
h) PHYSICS 7A	General Physics	(4)	PHYS 3A &	General Physics	(5)
			PHYS 3B	General Physics	(5)
h) PHYSICS 7B	General Physics	(4)	PHYS 3A &	General Physics	(5)
			PHYS 3B	General Physics	(5)

It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

PREPARATION FOR GRADUATION:

STATIST 13	Elementary Statistics	(4)	MATH 13	Introduction to	(4)
Same as: STATIST 13Y				Statistics	

END OF MAJOR

h) **This articulation is series-for-series only.**

====History A.B.====

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](https://ucdavis.edu/transfer-admission). 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 <https://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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

Five lower-division courses from the following seven concentrations, including at least one course in three different concentrations. Additional units to reach 20.

A. AFRICA

HISTORY 15A	Africa to 1900	(4)	NO COURSE ARTICULATED
HISTORY 15B	Africa Today	(4)	NO COURSE ARTICULATED

B. ASIA

HISTORY 8	Indian Civilization	(4)	NO COMPARABLE COURSE
HISTORY 9A	East Asian Civ	(4)	NO COMPARABLE COURSE
HISTORY 9B	East Asian Civ	(4)	NO COMPARABLE COURSE

C. EUROPE

HISTORY 4A	Western Civ	(4)	NO COMPARABLE COURSE
HISTORY 4B	Western Civ	(4)	HIST 2A & History of European Civilization (3)
			HIST 2B History of European Civilization (3)
HISTORY 4C	Western Civ	(4)	HIST 2B History of European Civilization (3)

D. LATIN AMERICA

HISTORY 7A	Latin America to 1700	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HISTORY 7B	Latin America 1700-1900	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HISTORY 7C	Latin America 1900-Present	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

E. MIDDLE EAST

HISTORY 6	Intro to Middle East	(4)	NO COURSE ARTICULATED: College has not
-----------	----------------------	-----	--

|submitted course(s) for articulation

F. UNITED STATES

HISTORY 17A	U.S. History	(4)	HIST 7A	History of the United States (to 1877)	(3)
HISTORY 17B	U.S. History	(4)	HIST 7B	History of the United States (since 1865)	(3)
HISTORY 18A	Race in America to 1865	(4)	NO COURSE ARTICULATED		
HISTORY 72A	Am Women & Gender	(4)	NO COMPARABLE COURSE		
HISTORY 72B	Am Women & Gender	(4)	NO COMPARABLE COURSE		
HISTORY 80	US in the Middle East	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
HISTORY 85	Nat,Man&Mach/Amer	(4)	NO COMPARABLE COURSE		

G. WORLD

HISTORY 1	Introduction to History	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
HISTORY 2	Intro History of Science	(4)	NO COURSE ARTICULATED		
HISTORY 3	Cities: Survey of World Cultures	(4)	NO COMPARABLE COURSE		
HISTORY 10A	World History to 1350	(4)	HIST 3A	World History to 1500	(3)
HISTORY 10B	World History 1350-1850	(4)	HIST 3B	Modern World History: 1500-Present	(3)
HISTORY 10C	World History III	(4)	HIST 3B	Modern World History: 1500-Present	(3)
HISTORY 11	Hist Jewish People	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
HISTORY 12	Food and History	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
HISTORY 13	Global Sexualities	(4)	NO COURSE ARTICULATED		
HISTORY 14	Hist Global Capitalism	(4)	NO COURSE ARTICULATED		
HISTORY 20	The Vietnam War	(4)	NO COURSE ARTICULATED		
HISTORY 90	Research in History	(4)	NO COURSE ARTICULATED		

END OF MAJOR

====Human Development B.S.====

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](http://tag.ucdavis.edu). 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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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 (A&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 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (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 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC 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. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

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 Transfer Admission website](#). The courses used for the A&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 CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

Select two of the following courses:

ANTHRO 1	Human Evol Biol	(4)	ANTHR 1	Introduction to	(3)
				Physical Anthropology	
ANTHRO 2	Cultural Anthropology	(5)	ANTHR 3	Introduction to Social	(3)
				and Cultural	
				Anthropology	

ANTHRO 15 Human Life Cycle (5) | NO COMPARABLE COURSE

Select one course from:

BIOLSCI 2A	Intro Biology:Life on Earth	(5)		BIOL 1A	General Biology	(5)
	OR				OR	
BIOLSCI 10	Everyday Biology	(4)		BIOL 10	Introduction to Biology	(4)
	OR				OR	
MIC BIO 10	Natural History of Infectious Diseases	(3)		BIOL 3	Microbiology	(5)
	OR				OR	
NE PH B 12	Human Brain and Disease	(3)		NO COMPARABLE COURSE		

MOL&CB 10 Intro Human Heredity (4) | NO COMPARABLE COURSE

Select one course from:

HISTORY 17A	U.S. History	(4)		HIST 7A	History of the United States (to 1877)	(3)
	OR				OR	
HISTORY 17B	U.S. History	(4)		HIST 7B	History of the United States (since 1865)	(3)
	OR				OR	
HISTORY 72A	Am Women & Gender	(4)		NO COMPARABLE COURSE		
	OR				OR	
HISTORY 72B	Am Women & Gender	(4)		NO COMPARABLE COURSE		
	OR				OR	
POL SCI 1	Amer Natl Govt	(4)		POSCI 1	Government and Politics in the United States	(3)

Select two of the following courses:

PHILOS 5	Critical Reasoning	(4)		PHIL 10	Logic	(3)
PHILOS 15	Intro to Bioethics	(4)		NO COMPARABLE COURSE		
PHILOS 30	Intro Philos of Sci	(4)		NO COMPARABLE COURSE		
PHILOS 31	Scientific Reason	(4)		NO COMPARABLE COURSE		
PHILOS 32	Scientific Change	(4)		NO COMPARABLE COURSE		
PHILOS 38	Intro Philos of Biol	(4)		NO COMPARABLE COURSE		

NE PH B 10	Elem Human Physio	(3)		NO COMPARABLE COURSE		
------------	-------------------	-----	--	----------------------	--	--

PSYCH 1	General Psychology	(4)		PSYCH 1A	Introduction to General Psychology	(3)
---------	--------------------	-----	--	----------	------------------------------------	-----

Select one of the following options:

PSYCH 41	Research Methods	(4)		PSYCH 28	Introduction to Research Methods in Psychology	(3)
	OR				OR	
SOCIOL 46A	Intro Social Rsch	(4)		SOC 120	Introduction to Research Methods	(3)
	AND				AND	
SOCIOL 46B	Intro Social Rsch	(5)		NO COMPARABLE COURSE		
	OR				OR	
STATIST 10	Statist Thinking	(4)		NO COMPARABLE COURSE		
	OR				OR	
STATIST 13	Elementary Statistics	(4)		MATH 13	Introduction to Statistics	(4)
	Same as: STATIST 13Y					

END OF MAJOR

====Hydrology B.S.====

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. See the [UC Transfer Admission website](#) for details. UC Davis requires that students complete the minimum transfer admission requirement 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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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 (A&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 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (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 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC 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. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

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 Transfer Admission website](#). The courses used for the A&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 CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 1A	General Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1B	General Biology	(5)
<hr/>					
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
<hr/>					
q) PHYSICS 9A	Classical Physics	(5)	PHYS 4A &	General Physics with Calculus	(5)
			PHYS 4B &	General Physics with Calculus	(5)
			PHYS 4C	General Physics with Calculus	(5)
q) PHYSICS 9B	Classical Physics	(5)	PHYS 4A &	General Physics with Calculus	(5)
			PHYS 4B &	General Physics with Calculus	(5)
			PHYS 4C	General Physics with Calculus	(5)
q) PHYSICS 9C	Classical Physics	(5)	PHYS 4A &	General Physics with Calculus	(5)
			PHYS 4B &	General Physics with Calculus	(5)
			PHYS 4C	General Physics with Calculus	(5)
<hr/>					
MATH 21A	Calculus	(4)	MATH 3A	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 3B	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 3C	Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH 3C	Calculus III	(5)
MATH 22A	Linear Algebra	(3)	MATH 3E	Linear Algebra	(3)
MATH 22B	Differntl Equations	(3)	MATH 3F	Differential Equations	(3)
<hr/>					
GEOLOGY 50	Physical Geology	(3)	GEOL 10	Introduction to Geology	(3)
GEOLOGY 50L	Physical Geol Lab	(2)	NO COMPARABLE COURSE		
<hr/>					
ENGIN 6	Engr Prob Solving	(4)	NO COMPARABLE COURSE		
END OF MAJOR					

q) **This is a series-by-series articulation, not course-by-course. If**

students do not complete the entire series of 4A, 4B, and 4C at Berkeley City College, they may make up missing material by taking Physics 49 at UC Davis.

====International Agricultural Development B.S.====

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. See the [UC Transfer Admission website](#) for details. UC Davis requires that students complete the minimum transfer admission requirement 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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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 (A&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 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (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 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC 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. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

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 Transfer Admission website](#). The courses used for the A&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 CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

INT AG 10	Intro Intl Ag Development	(4)		NO COMPARABLE COURSE	
<hr/>					
PL SCI 2	Bot Physio Cul Plt	(4)		NO COMPARABLE COURSE	
<hr/>					
SOILSCI 10	Soils in Our Environment	(3)		NO COMPARABLE COURSE	
<hr/>					
ECON 1A	Princ of Microecon	(4)		ECON 2	Principles of Economics (3) (Micro-Economics)
	AND			AND	
ECON 1B	Princ of Macroecon	(4)		ECON 1	Principles of Economics (3) (Macro-Economics)
<hr/>					
STATIST 13	Elementary Statistics	(4)		MATH 13	Introduction to (4) Statistics
	Same as: STATIST 13Y				
	OR			OR	
SOCIOL 46B	Intro Social Rsch	(5)		NO COMPARABLE COURSE	
<hr/>					
MATH 16A	Short Calculus	(3)		MATH 16A	Calculus for Business (3) and the Life and Social Sciences
				OR	
				MATH 3A	Calculus I (5)
<hr/>					
CM&RGDE 1	The Community	(4)		NO COMPARABLE COURSE	

SIX QUARTER UNITS FROM THE FOLLOWING:

AGRESEC 15	Pop, Envr, World Agri	(4)		NO COMPARABLE COURSE	
AN SCI 41	Domestic Ani Prod	(2)		NO COMPARABLE COURSE	
AN SCI 41L	Domest An Prod Lab	(2)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
CM&RGDE 20	Food Systems	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
NUTR 10	Discoveries and Concepts	(3)		NO COMPARABLE COURSE	
PL SCI 1	Agr Nature & Society	(3)		NO COMPARABLE COURSE	
PL SCI 15	Intro Sustainable Agriculture	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
PL SCI 49	Org Crop Prod Prac	(3)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	

FOREIGN LANGUAGE REQUIREMENT:

Students must complete 15-quarter-unit level in one language or pass the foreign language proficiency examination. See <http://llc.ucdavis.edu/foreign-language-placement-exams> .

A score of 5, 4, or 3 on a foreign language College Board Advanced Placement Examination (except Latin) or a score of 550 on the College Board SAT II Subject Test will also satisfy this requirement

AREAS OF SPECIALIZATION:**AGRICULTURAL PRODUCTION OPTION:**

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1A	General Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1B	General Biology	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A & CHEM 1B	General Chemistry	(5)

TRADE AND ECONOMIC DEVELOPMENT OPTION:

MATH 16B	Short Calculus	(3)	MATH 16B	Calculus for Business and the Life and Social Sciences	(3)
			OR		
SOCIOL 1	Intro Sociology	(5)	MATH 3B	Calculus II	(5)
	OR		SOC 1	Introduction to Sociology	(3)
ANTHRO 2	Cultural Anthropology	(5)	OR		
			ANTHR 3	Introduction to Social and Cultural Anthropology	(3)
AGRESEC 15	Pop,Envr,World Agri	(4)	NO COMPARABLE COURSE		

ENVIRONMENTAL ISSUES OPTION:

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1A	General Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1B	General Biology	(5)
ENV S&P 1	Env Analysis	(4)	BIOL 13	Principles of Ecology	(3)

RURAL COMMUNITIES OPTION:

SOCIOL 1	Intro Sociology	(5)	SOC 1	Introduction to Sociology	(3)
ANTHRO 2	Cultural Anthropology	(5)	ANTHR 3	Introduction to Social and Cultural Anthropology	(3)

END OF MAJOR

====International Relations A.B.====

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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

ANTHRO 2	Cultural Anthropology	(5)	ANTHR 3	Introduction to Social and Cultural Anthropology	(3)
OR			OR		
ECON 1A	Princ of Microecon	(4)	ECON 2	Principles of Economics (Micro-Economics)	(3)
OR			OR		
ECON 1B	Princ of Macroecon	(4)	ECON 1	Principles of Economics (Macro-Economics)	(3)
OR			OR		
HISTORY 4C	Western Civ	(4)	HIST 2B	History of European Civilization	(3)
OR			OR		
HISTORY 10C	World History III	(4)	HIST 3B	Modern World History: 1500-Present	(3)
OR			OR		
POL SCI 2	Intro Comp Politics	(4)	POSCI 2	Comparative Government	(3)
OR			OR		
POL SCI 3	Internatl Relations	(4)	POSCI 3	International Relations	(3)
OR			OR		
			POSCI 20	Global Issues	(3)
OR			OR		
POL SCI 12Y	Data Visualization	(4)	NO COURSE ARTICULATED: College has not		
Same as: COMUNCN 12Y, PSYCH 12Y			submitted course(s)for articulation		
SOCIOL 12Y					
OR			OR		

STATIST 13	Elementary Statistics	(4)	MATH 13	Introduction to	(4)
Same as: STATIST 13Y				Statistics	
	OR			OR	
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE		

POL SCI 51	Scientific Study of Politics	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

FOREIGN LANGUAGE: ONE OF THE FOLLOWING SERIES IN A SINGLE LANGUAGE, OR CERTIFIED FLUENCY AT THE HIGHEST LEVEL REQUIRED BELOW:

Note: The language curricula are subject to change; please check with an advisor for the major. A language not listed below may be substituted **only with prior written approval of the International Relations Program Committee.**

ARABIC 1	Elementary Arabic	(5)	ARAB 1A	Elementary Modern Standard Arabic	(5)
ARABIC 2	Elem Arabic	(5)	ARAB 1A &	Elementary Modern Standard Arabic	(5)
			ARAB 1B	Elementary Modern Standard Arabic	(5)
ARABIC 3	Elem Arabic	(5)	ARAB 1B	Elementary Modern Standard Arabic	(5)
ARABIC 21	Intermed Arabic	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ARABIC 22	Intermed Arabic	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ARABIC 23	Intermed Arabic	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
OR			OR		
x) CHINESE 1	Elem Chinese	(5)	NO COMPARABLE COURSE		
x) CHINESE 2	Elem Chinese	(5)	NO COMPARABLE COURSE		
x) CHINESE 3	Elem Chinese	(5)	NO COMPARABLE COURSE		
x) CHINESE 4	Inter Chinese	(5)	NO COMPARABLE COURSE		
x) CHINESE 5	Inter Chinese	(5)	NO COMPARABLE COURSE		
x) CHINESE 6	Inter Chinese	(5)	NO COMPARABLE COURSE		
OR			OR		
x) CHINESE 1CN	Mand/Cant Spkrs I	(5)	NO COMPARABLE COURSE		
x) CHINESE 2CN	Mand/Cant Spkrs II	(5)	NO COMPARABLE COURSE		
x) CHINESE 3CN	Mand/Cant Spkrs III	(5)	NO COMPARABLE COURSE		
OR			OR		
x) CHINESE 1BL	Accl Wrtn Chinese I	(5)	NO COMPARABLE COURSE		
x) CHINESE 2BL	Accl Wrtn Chinese II	(5)	NO COMPARABLE COURSE		
x) CHINESE 3BL	Accl Wrtn Chinese III	(5)	NO COMPARABLE COURSE		
OR			OR		
FRENCH 1	Elementary French	(5)	FREN 1A	Elementary French	(5)
FRENCH 2	Elementary French	(5)	FREN 1A &	Elementary French	(5)
			FREN 1B	Elementary French	(5)
FRENCH 3	Elementary French	(5)	FREN 1B	Elementary French	(5)
FRENCH 21	Intermed French	(5)	NO COMPARABLE COURSE		
FRENCH 22	Intermed French	(5)	NO COMPARABLE COURSE		
OR			OR		
GERMAN 1	Elementary German	(5)	NO COMPARABLE COURSE		
GERMAN 2	Elementary German	(5)	NO COMPARABLE COURSE		
GERMAN 3	Elementary German	(5)	NO COMPARABLE COURSE		
GERMAN 20	Intermediate German	(4)	NO COMPARABLE COURSE		
GERMAN 21	Intermediate German	(4)	NO COMPARABLE COURSE		
OR			OR		
HEBREW 1	Elem Hebrew	(5)	NO COMPARABLE COURSE		

HEBREW 2	Elem Hebrew	(5)	NO COMPARABLE COURSE
HEBREW 3	Elem Hebrew	(5)	NO COMPARABLE COURSE
HEBREW 21	Intermed Modern Hebrew I	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HEBREW 22	Intermed Modern Hebrew II	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HEBREW 23	Intermed Modern Hebrew III	(4)	NO COURSE ARTICULATED
OR			OR
HIN-URD 1	Elem Hindi/Urdu I	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HIN-URD 2	Elem Hindi/Urdu II	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HIN-URD 3	Elem Hindi/Urdu III	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HIN-URD 21	Intermed Hindi/Urdu I	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HIN-URD 22	Intermed Hindi/Urdu II	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HIN-URD 23	Intermed Hindi/Urdu III	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
OR			OR
ITALIAN 1	Elementary Italian	(5)	NO COMPARABLE COURSE
ITALIAN 2	Elementary Italian	(5)	NO COMPARABLE COURSE
ITALIAN 3	Elementary Italian	(5)	NO COMPARABLE COURSE
ITALIAN 4	Interm Italian	(4)	NO COMPARABLE COURSE
ITALIAN 5	Interm Italian	(4)	NO COMPARABLE COURSE
OR			OR
ITALIAN 1	Elementary Italian	(5)	NO COMPARABLE COURSE
ITALIAN 2	Elementary Italian	(5)	NO COMPARABLE COURSE
ITALIAN 3	Elementary Italian	(5)	NO COMPARABLE COURSE
ITALIAN 8A	Italian Convers	(3)	NO COMPARABLE COURSE
ITALIAN 8B	Italian Convers	(3)	NO COMPARABLE COURSE
OR			OR
y) JPNese 1	Elem Japanese	(5)	NO COMPARABLE COURSE
y) JPNese 2	Elem Japanese	(5)	NO COMPARABLE COURSE
y) JPNese 3	Elem Japanese	(5)	NO COMPARABLE COURSE
y) JPNese 4	Inter Japanese	(5)	NO COMPARABLE COURSE
y) JPNese 5	Inter Japanese	(5)	NO COMPARABLE COURSE
y) JPNese 6	Inter Japanese	(5)	NO COMPARABLE COURSE
OR			OR
PORTUG 1	Elementary Portuguese	(5)	PORT 1A Elementary Portuguese (5)
PORTUG 2	Elementary Portuguese	(5)	PORT 1A <u>&</u> Elementary Portuguese (5)
			PORT 1B Elementary Portuguese (5)
PORTUG 3	Elementary Portuguese	(5)	PORT 1B Elementary Portuguese (5)
PORTUG 21	Intermediate Portuguese	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PORTUG 22	Intermediate Portuguese	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
OR			OR
RUSSIAN 1	Elementary Russian	(5)	NO COMPARABLE COURSE
RUSSIAN 2	Elementary Russian	(5)	NO COMPARABLE COURSE
RUSSIAN 3	Elementary Russian	(5)	NO COMPARABLE COURSE
RUSSIAN 4	Intermed Russian	(4)	NO COMPARABLE COURSE
RUSSIAN 5	Intermed Russian	(4)	NO COMPARABLE COURSE

Students with only one year or less of Russian at the community college level should consult with an advisor in the Russian Department at UC Davis before continuing on with the Russian series.

OR			OR
SPANISH 1	Elementary Spanish	(5)	SPAN 1A Elementary Spanish (5)
SPANISH 2	Elementary Spanish	(5)	SPAN 1A <u>&</u> Elementary Spanish (5)
			SPAN 1B Elementary Spanish (5)

SPANISH 3	Elementary Spanish	(5)	SPAN 1B	Elementary Spanish	(5)
SPANISH 21	Intm Spanish	(5)	SPAN 2A &	Intermediate Spanish	(5)
			SPAN 2B	Intermediate Spanish	(5)
SPANISH 22	Intm Spanish	(5)	SPAN 2A &	Intermediate Spanish	(5)
			SPAN 2B	Intermediate Spanish	(5)
	OR			OR	
SPANISH 31	Int Span Nat Spk I	(5)	NO COMPARABLE COURSE		
SPANISH 32	Int Span Nat Spk II	(5)	SPAN 22A	Spanish for Bilingual Speakers I	(5)
SPANISH 33	Int Span Nat Spk III	(5)	SPAN 22B	Spanish for Bilingual Speakers II	(5)

Advising Note: Transfer students are strongly encouraged to review the structure of the major and be cognizant of any changes made to the curriculum of the program and/or specific tracks within the major. Certain upper-division courses require completion of prerequisite courses. In addition, the international relations major offers several options for completing upper-division coursework for the major. There are upper-division economics courses in some of the options that require calculus as a prerequisite. Consult the [UC Davis General Catalog](#), available online, or consult an advisor to learn if the option you will choose contains economics courses with a calculus prerequisite.

END OF MAJOR

- x) **Transfer students must take a UC Davis placement exam in Chinese language before enrolling in UC Davis Chinese language courses; duplication of coursework may result.**
- y) **Transfer students must take a UC Davis placement exam in Japanese language before enrolling in UC Davis Japanese language courses; duplication of credit may result.**

====Italian A.B.====

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 Bachelor of Arts (A.B.) degrees at UC Davis. See

additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

ITALIAN 1	Elementary Italian	(5)	NO COMPARABLE COURSE
ITALIAN 2	Elementary Italian	(5)	NO COMPARABLE COURSE
ITALIAN 3	Elementary Italian	(5)	NO COMPARABLE COURSE
ITALIAN 4	Interm Italian	(4)	NO COMPARABLE COURSE
ITALIAN 5	Interm Italian	(4)	NO COMPARABLE COURSE
ITALIAN 9	Reading Italian	(4)	NO COMPARABLE COURSE

RECOMMENDED: Study abroad in Italy for a period of one year, one semester, or one quarter, and/or the study of Latin or another Romance language.

END OF MAJOR

====Japanese A.B.====

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.

Japanese Placement Examination Note:

Students who have studied Japanese previously must take the UC Davis placement examination before enrolling in Japanese language courses at UC Davis. If placement results in duplication of articulated courses below, students might receive only subject credit, not unit credit, for UC Davis courses completed. See information related to [Japanese placement exams](#) and also information regarding [foreign language placement exams](#). For more information, check with your UC Davis College Dean's Office or department advisor upon 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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

y) JPNESE 1	Elem Japanese	(5)	NO COMPARABLE COURSE
y) JPNESE 2	Elem Japanese	(5)	NO COMPARABLE COURSE
y) JPNESE 3	Elem Japanese	(5)	NO COMPARABLE COURSE
y) JPNESE 4	Inter Japanese	(5)	NO COMPARABLE COURSE
y) JPNESE 5	Inter Japanese	(5)	NO COMPARABLE COURSE
y) JPNESE 6	Inter Japanese	(5)	NO COMPARABLE COURSE

RECOMMENDED COURSES FOR THIS MAJOR:

JPNESE 10	Masterworks in English	(4)	NO COMPARABLE COURSE
JPNESE 25	Language & Culture (in English)	(4)	NO COMPARABLE COURSE
CHINESE 10	Modern Lit (in Engl)	(4)	NO COMPARABLE COURSE
CHINESE 11	Gt Bks China (Engl)	(4)	NO COMPARABLE COURSE
CHINESE 50	Intro to Literature	(4)	NO COMPARABLE COURSE
Same as: JPNESE 50			
LINGUIS 1	Intro Linguistics	(4)	ANTHR 18 Introduction to Anthropological Linguistics (3)
HISTORY 9B	East Asian Civ	(4)	NO COMPARABLE COURSE

END OF MAJOR

y) Transfer students must take a UC Davis placement exam in Japanese language before enrolling in UC Davis Japanese language courses; duplication of credit may result.

====Landscape Architecture B.S.====

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. See the [UC Transfer Admission website](#) for details. UC Davis requires that students complete the minimum transfer admission requirement 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.

PRE-MAJOR REQUIREMENT:

Students who wish to major in landscape architecture must apply to "Landscape Architecture (Pre-)." Admission to UC Davis in pre-landscape architecture does not guarantee admission to the landscape architecture major.

After applying for admission, students submit a separate portfolio application to the landscape architecture program in February, either before or after enrollment at UC Davis. Contact the Landscape Architecture Advising Office at (530) 754-8628 or visit humanecology.ucdavis.edu/lda for details.

To be a competitive applicant, you must earn an overall transfer GPA of 2.80 or higher.

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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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 (A&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 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (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 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC 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. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

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 Transfer Admission website](#). The courses used for the A&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 CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

COMUNCN 1	Intro Public Spkg	(4)	COMM 45	Public Speaking	(3)
<hr/>					
ENGLISH 3	Intro to Lit	(4)	ENGL 1B	Composition and Reading	(4)
	OR			OR	
UWRITING 1	Expository Writing	(4)	ENGL 1A	Composition and Reading	(4)
	OR			OR	
UWRITING 48	Style in the Essay	(4)	NO COMPARABLE COURSE		
	Formerly UWRITING 18				
	OR			OR	
UWRITING 49	Writing Research Papers	(4)	NO COMPARABLE COURSE		
	Formerly UWRITING 19				
<hr/>					
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1B	General Biology	(5)
<hr/>					
ENVHORT 6	Intro Environ Plants	(4)	NO COMPARABLE COURSE		

ONE COURSE FROM THE FOLLOWING:

MATH 16A	Short Calculus	(3)	MATH 16A	Calculus for Business and the Life and Social Sciences	(3)
			OR		
STATIST 13	Elementary Statistics	(4)	MATH 3A	Calculus I	(5)
	Same as: STATIST 13Y		MATH 13	Introduction to Statistics	(4)
ENG CS 32A	Intro to Programming	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	Formerly ENG CS 10				

ONE COURSE FROM THE FOLLOWING:

CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 10	Concept of Chem	(4)	NO COMPARABLE COURSE		
PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
PHYSICS 10	Topics,Nonscientists	(4)	PHYS 10	Introduction to Physics	(4)
b) GEOLOGY 1	The Earth	(4)	GEOL 10	Introduction to Geology	(3)
SOILSCI 10	Soils in Our Environment	(3)	NO COMPARABLE COURSE		

LND ARC 1	Intro Environ Design	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
LND ARC 2	Place,Culture,Community	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
LND ARC 3	Sustainable Development	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
LND ARC 21	Landscape Rep I	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
Formerly	Design Visualization				
LND ARC 23	Landscape Rep II	(3)	NO COURSE ARTICULATED		
LND ARC 30	History Environ Design	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
LND ARC 50	Site Ecology	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
LND ARC 60	Landform Grading Studio	(6)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
LND ARC 70	Intro to Spacemaking	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

Two courses in Arts and Humanities selected from the UC Davis GE/Breadth Articulation Agreement TB: Arts and Humanities (www.ASSIST.org 16-17 agreement)

Two courses in Social Sciences selected from the UC Davis GE/Breadth Articulation Agreement TB: Social Sciences.

END OF MAJOR

b) If a student takes GEOL 10 at Berkeley City College, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.

====Linguistics A.B.====

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](http://ucdavis.edu/transfer-admission). 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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

LINGUIS 1	Intro Linguistics	(4)		ANTHR 18	Introduction to	(3)
					Anthropological	
					Linguistics	

FOREIGN LANGUAGE: One course beyond the 15 quarter unit requirement of the College of Letters and Science, in the same language used to fulfill the college requirement

END OF MAJOR

====Managerial Economics B.S.====

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.

Special Advising Note for Future Applicants*

Beginning fall 2021, the major managerial economics will become selective and will require preparatory coursework for admission. Any required courses that are offered at your current campus will need to be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses will not be offered at your college, you must complete them after enrolling at UC Davis.

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major (3.20 or higher for TAG applicants).

Strive to achieve your highest possible GPA in order to be most competitive. Transfer students must complete courses comparable to the following UC Davis courses with a GPA of at least 2.50 for the course groups. Additionally, transfer applicants must have already achieved the required GPA in any of these courses that have been completed at the time the transfer academic update is submitted. Courses must be taken for a letter grade, with no grade less than C. (Advanced Placement(AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents).

- Mathematics 16A/B or Mathematics 17A/B or Mathematics 21A/B
- Economics 1A/B
- Statistics 13

*Information for future applicants is subject to change.

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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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 (A&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 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (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 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC 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. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

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 Transfer Admission website](#). The courses used for the A&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 CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

COMUNCN 1	Intro Public Spkg	(4)	COMM 45	Public Speaking	(3)
	OR			OR	
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	COMM 20	Interpersonal Communication Skills	(3)
<hr/>					
AGRESEC 18	Business Law	(4)	BUS 2	Introduction to Business Law	(3)
<hr/>					
ECON 1A	Princ of Microecon	(4)	ECON 2	Principles of Economics (Micro-Economics)	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 1	Principles of Economics (Macro-Economics)	(3)
<hr/>					
PL SCI 21	Computers in Technology	(3)	NO COMPARABLE COURSE		
	OR			OR	
B) ENG CS 15	Intro to Computers	(4)	CIS 1	Introduction to Computer Information Systems	(4)
			OR		
			CIS 5	Introduction to Computer Science	(5)

Please note that the community college's computer science courses may not be identical to UC Davis courses. Community college students, upon transfer to UC Davis, may need to make up any topic or language deficiencies.

MGMT 11A	Elem Accounting	(4)	BUS 1A & BUS 1B	Financial Accounting Managerial Accounting	(4) (4)
MGMT 11B	Elem Accounting	(4)	NO COMPARABLE COURSE		
MATH 16A	Short Calculus	(3)	MATH 16A	Calculus for Business and the Life and Social Sciences	(3)
			<u>OR</u>		
MATH 16B	Short Calculus	(3)	MATH 3A	Calculus I	(5)
			MATH 16B	Calculus for Business and the Life and Social Sciences	(3)
			<u>OR</u>		
MATH 16C	Short Calculus	(3)	MATH 3B	Calculus II	(5)
			MATH 16B	Calculus for Business and the Life and Social Sciences	(3)

			<u>OR</u>	MATH 3B	Calculus II	(5)
	<u>OR</u>				<u>OR</u>	
MATH 17A	Calculus for BioSci	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	<u>OR</u>				<u>OR</u>	
MATH 21A	Calculus	(4)		MATH 3A	Calculus I	(5)
MATH 21B	Calculus	(4)		MATH 3B	Calculus II	(5)

STATIST 13	Elementary Statistics	(4)		MATH 13	Introduction to	(4)
Same as: STATIST 13Y					Statistics	

END OF MAJOR

B) **UCD ENG CS 15 not intended for Computer Science or Computer Science Engineering majors. Only two units of credit allowed to students who have completed PLT SCI 21.**

====Marine and Coastal Science B.S. (Coastal Environmental Processes)==== 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. See the [UC Transfer Admission website](#) for details. UC Davis requires that students complete the minimum transfer admission requirement 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.

Students must identify an area of focus in order to select the appropriate major/college pairing on the UC application for undergraduate admission and scholarships. A student's chosen focus area will determine the college into which the student is admitted, the college where the degree is awarded, and the associated department:

- Coastal Environmental Processes (College of Agricultural and Environmental Sciences; Environmental Science and Policy)
- Marine Ecology and Organismal Biology (College of Biological Sciences; Evolution and Ecology)
- Marine Environmental Chemistry (College of Agricultural and Environmental Sciences; Environmental Toxicology)
- Oceans and the Earth System (College of Letters and Science; Earth and Planetary Sciences)

Visit <http://bml.ucdavis.edu/education/marine-coastal-science-undergraduate-major/> for details regarding the marine and coastal science undergraduate major.

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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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 (A&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 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (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 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC 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. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

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 Transfer Admission website](#). The courses used for the A&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 CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1A	General Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1B	General Biology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 1A & 1B	General Biology	(5)
				General Biology	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
MATH 16A	Short Calculus	(3)	MATH 16A	Calculus for Business and the Life and Social Sciences	(3)
			<u>OR</u>		
MATH 16B	Short Calculus	(3)	MATH 3A	Calculus I	(5)
			MATH 16B	Calculus for Business and the Life and Social Sciences	(3)
			<u>OR</u>		
MATH 16C	Short Calculus	(3)	MATH 3B	Calculus II	(5)
			MATH 16B	Calculus for Business and the Life and Social Sciences	(3)
			<u>OR</u>		
	<u>OR</u>		MATH 3B	Calculus II	(5)
MATH 17A	Calculus for BioSci	(4)	<u>OR</u>		
MATH 17B	Calculus for Biosci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
MATH 17C	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
	<u>OR</u>		NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
MATH 21A	Calculus	(4)	<u>OR</u>		
MATH 21B	Calculus	(4)	MATH 3A	Calculus I	(5)
MATH 21C	Calculus	(4)	MATH 3B	Calculus II	(5)
			MATH 3C	Calculus III	(5)
h) PHYSICS 7A	General Physics	(4)	PHYS 3A &	General Physics	(5)
			PHYS 3B	General Physics	(5)
h) PHYSICS 7B	General Physics	(4)	PHYS 3A &	General Physics	(5)
			PHYS 3B	General Physics	(5)
h) PHYSICS 7C	General Physics	(4)	PHYS 3A &	General Physics	(5)
			PHYS 3B	General Physics	(5)

It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

	<u>OR</u>		<u>OR</u>		
q) PHYSICS 9A	Classical Physics	(5)	PHYS 4A &	General Physics with Calculus	(5)
			PHYS 4B &	General Physics with Calculus	(5)
			PHYS 4C	General Physics with Calculus	(5)
q) PHYSICS 9B	Classical Physics	(5)	PHYS 4A &	General Physics with Calculus	(5)
			PHYS 4B &	General Physics with Calculus	(5)
			PHYS 4C	General Physics with Calculus	(5)
q) PHYSICS 9C	Classical Physics	(5)	PHYS 4A &	General Physics with Calculus	(5)
			PHYS 4B &	General Physics with Calculus	(5)
			PHYS 4C	General Physics with Calculus	(5)

STRONGLY RECOMMENDED:

EVOL&EC 12	Life in the Sea	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
------------	-----------------	-----	---

GEOLOGY 16	The Oceans	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
------------	------------	-----	---

END OF MAJOR

h) **This articulation is series-for-series only.**

q) **This is a series-by-series articulation, not course-by-course. If students do not complete the entire series of 4A, 4B, and 4C at Berkeley City College, they may make up missing material by taking Physics 49 at UC Davis.**

**====Marine and Coastal Science B.S. (Marine Ecology and Organismal Biology)====
Special Advising Note:**

The following majors in the College of the Biological Sciences--biochemistry and molecular biology; biological sciences; cell biology; evolution, ecology, and biodiversity; genetics and genomics; marine and coastal science (marine ecology & organismal biology); microbiology; neurobiology, physiology, and behavior; and plant biology--are selective and require preparatory coursework for admission. Any required courses that are offered at your current campus must be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses are not offered at your college, you must complete them after enrolling at UC Davis.

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.

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.50 for each of the three course groups. It is recommended that candidates have already achieved the minimum required GPAs for the courses in the groups below that have been completed by the time of application and maintain them through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

Mathematics 17A/B/C or 21A/B
Chemistry 2A/B/C
Biological Sciences 2A/B/C

It is also strongly recommended that transfer students complete courses comparable to the following UC Davis courses. Completion of these courses will help you move more efficiently toward graduation. Courses should be taken for a letter grade, with no grade less than C:

Organic Chemistry series cited on ASSIST for your major*
Physics 7A/B/C or the physics series cited on ASSIST
for your intended College of Biological Sciences major (especially useful for Neurobiology, Physiology and Behavior majors).

* Students planning for the major biochemistry and molecular biology should complete Organic Chemistry 118A/B/C rather than 8A/B. Students planning for the major marine and coastal science (marine ecology & organismal biology) should complete Organic Chemistry 8A/B; however, students may substitute Chemistry 118A/B/C.

Transfer students must also meet UC transfer admission requirements. UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. See the [UC Transfer Admission webpage](#). 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.

Students must identify an area of focus in order to select the appropriate major/college pairing on the UC application for undergraduate admission and scholarships. A student's chosen focus area will determine the college into which the student is admitted, the college where the degree is awarded, and the associated department:

-Coastal Environmental Processes (College of Agricultural and Environmental Sciences; Environmental Science and Policy)

-Marine Ecology and Organismal Biology (College of Biological Sciences; Evolution and Ecology)

-Marine Environmental Chemistry (College of Agricultural and Environmental Sciences; Environmental Toxicology)

-Oceans and the Earth System (College of Letters and Science; Earth and Planetary Sciences)

Visit <http://bml.ucdavis.edu/education/marine-coastal-science-undergraduate-major/> for details regarding the marine and coastal science undergraduate major.

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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1A	General Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1B	General Biology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree	(5)	BIOL 1A & 1B	General Biology	(5)
				General Biology	(5)

of Life								
CHEM 2A	Genl Chemistry	(5)			CHEM 1A	General Chemistry	(5)	
CHEM 2B	Genl Chemistry	(5)			CHEM 1A &	General Chemistry	(5)	
					CHEM 1B	General Chemistry	(5)	
CHEM 2C	Genl Chemistry	(5)			CHEM 1B	General Chemistry	(5)	
	AND				AND			
CHEM 8A	Organic Chem-Brief	(2)			NO COMPARABLE COURSE			
CHEM 8B	Organic Chem-Brief	(4)			NO COMPARABLE COURSE			
MATH 17A	Calculus for BioSci	(4)			NO COURSE ARTICULATED: College has not submitted course(s) for articulation			
MATH 17B	Calculus for Biosci	(4)			NO COURSE ARTICULATED: College has not submitted course(s) for articulation			
MATH 17C	Calculus for BioSci	(4)			NO COURSE ARTICULATED: College has not submitted course(s) for articulation			
	OR				OR			
MATH 21A	Calculus	(4)			MATH 3A	Calculus I	(5)	
MATH 21B	Calculus	(4)			MATH 3B	Calculus II	(5)	
h) PHYSICS 7A	General Physics	(4)			PHYS 3A &	General Physics	(5)	
					PHYS 3B	General Physics	(5)	
h) PHYSICS 7B	General Physics	(4)			PHYS 3A &	General Physics	(5)	
					PHYS 3B	General Physics	(5)	
h) PHYSICS 7C	General Physics	(4)			PHYS 3A &	General Physics	(5)	
					PHYS 3B	General Physics	(5)	

It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

OR					OR			
q) PHYSICS 9A	Classical Physics	(5)			PHYS 4A &	General Physics with Calculus	(5)	
					PHYS 4B &	General Physics with Calculus	(5)	
					PHYS 4C	General Physics with Calculus	(5)	
q) PHYSICS 9B	Classical Physics	(5)			PHYS 4A &	General Physics with Calculus	(5)	
					PHYS 4B &	General Physics with Calculus	(5)	
					PHYS 4C	General Physics with Calculus	(5)	
q) PHYSICS 9C	Classical Physics	(5)			PHYS 4A &	General Physics with Calculus	(5)	
					PHYS 4B &	General Physics with Calculus	(5)	
					PHYS 4C	General Physics with Calculus	(5)	

STRONGLY RECOMMENDED:

EVOL&EC 12	Life in the Sea	(3)			NO COURSE ARTICULATED: College has not submitted course(s) for articulation			
GEOLOGY 16	The Oceans	(3)			NO COURSE ARTICULATED: College has not submitted course(s) for articulation			

END OF MAJOR

- h) **This articulation is series-for-series only.**
- q) **This is a series-by-series articulation, not course-by-course. If students do not complete the entire series of 4A, 4B, and 4C at Berkeley City College, they may make up missing material by taking Physics 49 at UC Davis.**

**===Marine and Coastal Science B.S. (Marine Environmental Chemistry)===
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. See the [UC Transfer Admission website](#) for details. UC Davis requires that students complete the minimum transfer admission requirement 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.

Students must identify an area of focus in order to select the appropriate major/college pairing on the UC application for undergraduate admission and scholarships. A student's chosen focus area will determine the college into which the student is admitted, the college where the degree is awarded, and the associated department:

- Coastal Environmental Processes (College of Agricultural and Environmental Sciences; Environmental Science and Policy)
- Marine Ecology and Organismal Biology (College of Biological Sciences; Evolution and Ecology)
- Marine Environmental Chemistry (College of Agricultural and Environmental Sciences; Environmental Toxicology)
- Oceans and the Earth System (College of Letters and Science; Earth and Planetary Sciences)

Visit <http://bml.ucdavis.edu/education/marine-coastal-science-undergraduate-major/> for details regarding the marine and coastal science undergraduate major.

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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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 (A&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 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (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 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC 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. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

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 Transfer Admission website](#). The courses used for the A&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 CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 1A	General Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1B	General Biology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 1A & BIOL 1B	General Biology	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A & CHEM 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
MATH 16A	Short Calculus	(3)	MATH 16A	Calculus for Business and the Life and Social Sciences	(3)
			OR		
MATH 16B	Short Calculus	(3)	MATH 3A	Calculus I	(5)
			MATH 16B	Calculus for Business and the Life and Social Sciences	(3)

MATH 16C	Short Calculus	(3)	<u>OR</u>	MATH 3B	Calculus II	(5)
				MATH 16B	Calculus for Business and the Life and Social Sciences	(3)
MATH 17A	Calculus for BioSci	(4)	<u>OR</u>	MATH 3B	Calculus II	(5)
				NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)		NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
MATH 17C	Calculus for BioSci	(4)		NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
MATH 21A	Calculus	(4)	<u>OR</u>	MATH 3A	Calculus I	(5)
				MATH 3B	Calculus II	(5)
MATH 21B	Calculus	(4)		MATH 3C	Calculus III	(5)
MATH 21C	Calculus	(4)				

h) PHYSICS 7A	General Physics	(4)	PHYS 3A &	General Physics	(5)
			PHYS 3B	General Physics	(5)
h) PHYSICS 7B	General Physics	(4)	PHYS 3A &	General Physics	(5)
			PHYS 3B	General Physics	(5)
h) PHYSICS 7C	General Physics	(4)	PHYS 3A &	General Physics	(5)
			PHYS 3B	General Physics	(5)

It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

q) PHYSICS 9A	Classical Physics	(5)	<u>OR</u>	PHYS 4A &	General Physics with Calculus	(5)
				PHYS 4B &	General Physics with Calculus	(5)
q) PHYSICS 9B	Classical Physics	(5)		PHYS 4C	General Physics with Calculus	(5)
				PHYS 4A &	General Physics with Calculus	(5)
q) PHYSICS 9C	Classical Physics	(5)		PHYS 4B &	General Physics with Calculus	(5)
				PHYS 4C	General Physics with Calculus	(5)

STRONGLY RECOMMENDED:

EVOL&EC 12	Life in the Sea	(3)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
GEOLOGY 16	The Oceans	(3)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	

END OF MAJOR

h) **This articulation is series-for-series only.**

q) This is a series-by-series articulation, not course-by-course. If students do not complete the entire series of 4A, 4B, and 4C at Berkeley City College, they may make up missing material by taking Physics 49 at UC Davis.

**===Marine and Coastal Science B.S. (Oceans and the Earth System)===
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. See the [UC Transfer Admission website](#) for details. UC Davis requires that students complete the minimum transfer admission requirement 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.

Students must identify an area of focus in order to select the appropriate major/college pairing on the UC application for undergraduate admission and scholarships. A student's chosen focus area will determine the college into which the student is admitted, the college where the degree is awarded, and the associated department:

-Coastal Environmental Processes (College of Agricultural and Environmental Sciences; Environmental Science and Policy)

-Marine Ecology and Organismal Biology (College of Biological Sciences; Evolution and Ecology)

-Marine Environmental Chemistry (College of Agricultural and Environmental Sciences; Environmental Toxicology)

-Oceans and the Earth System (College of Letters and Science; Earth and Planetary Sciences)

Visit <http://bml.ucdavis.edu/education/marine-coastal-science-undergraduate-major/> for details regarding the marine and coastal science undergraduate major.

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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19

[General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1A	General Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1B	General Biology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 1A & BIOL 1B	General Biology	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A & CHEM 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
MATH 16A	Short Calculus	(3)	MATH 16A	Calculus for Business and the Life and Social Sciences	(3)
			<u>OR</u>		
MATH 16B	Short Calculus	(3)	MATH 3A	Calculus I	(5)
			MATH 16B	Calculus for Business and the Life and Social Sciences	(3)
			<u>OR</u>		
MATH 16C	Short Calculus	(3)	MATH 3B	Calculus II	(5)
			MATH 16B	Calculus for Business and the Life and Social Sciences	(3)
			<u>OR</u>		
	<u>OR</u>		MATH 3B	Calculus II	(5)
MATH 17A	Calculus for BioSci	(4)	<u>OR</u>		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	<u>OR</u>		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 21A	Calculus	(4)	<u>OR</u>		
MATH 21B	Calculus	(4)	MATH 3A	Calculus I	(5)
MATH 21C	Calculus	(4)	MATH 3B	Calculus II	(5)
			MATH 3C	Calculus III	(5)
h) PHYSICS 7A	General Physics	(4)	PHYS 3A & PHYS 3B	General Physics	(5)
h) PHYSICS 7B	General Physics	(4)	PHYS 3A & PHYS 3B	General Physics	(5)
h) PHYSICS 7C	General Physics	(4)	PHYS 3A & PHYS 3B	General Physics	(5)
			PHYS 3B	General Physics	(5)
It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.					
	<u>OR</u>		<u>OR</u>		
q) PHYSICS 9A	Classical Physics	(5)	PHYS 4A & PHYS 4B	General Physics with Calculus	(5)
			PHYS 4C	General Physics with Calculus	(5)
q) PHYSICS 9B	Classical Physics	(5)	PHYS 4A & PHYS 4B	General Physics with Calculus	(5)

				Calculus	
			PHYS 4B &	General Physics with	(5)
				Calculus	
			PHYS 4C	General Physics with	(5)
				Calculus	
q) PHYSICS 9C	Classical Physics	(5)	PHYS 4A &	General Physics with	(5)
				Calculus	
			PHYS 4B &	General Physics with	(5)
				Calculus	
			PHYS 4C	General Physics with	(5)
				Calculus	

STRONGLY RECOMMENDED:

EVOL&EC 12	Life in the Sea	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
------------	-----------------	-----	---

GEOLOGY 16	The Oceans	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
------------	------------	-----	---

END OF MAJOR

h) This articulation is series-for-series only.

q) This is a series-by-series articulation, not course-by-course. If students do not complete the entire series of 4A, 4B, and 4C at Berkeley City College, they may make up missing material by taking Physics 49 at UC Davis.

====Materials Science & Engineering B.S.====

Special Advising Note:

ARTICULATION FOR THIS MAJOR IS UNDER REVIEW. You may view the previous year's agreement, but be advised that articulation is subject to change from year to year.

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

College of Engineering applicants to fall 2019 should view the majors guide effective for the 2017-18 academic year. (Go to ASSIST.org and click on the red notice that appears at the top of the page after you enter a college or university). Admission selection for fall 2019 will be based upon ALL courses published as REQUIRED FOR ADMISSION on the 2017-18 majors guide for the major. You may also view this information as published in the College of Engineering Transfer Credit Agreement at <http://engineering.ucdavis.edu/transfer-credit-agreements/>

Special Advising Note:

All majors in the College of Engineering are selective and require preparatory coursework for admission. Transfer applicants must earn an overall transfer GPA of 3.10 or higher to be competitive candidates for admission to any engineering major. Strive to achieve your highest possible GPA in order to be most competitive. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents.

Transfer applicants must also complete all lower-division courses required for their specific engineering major as listed below under courses "Required for

Admission" with a cumulative GPA of 3.20 or higher for those courses completed at the time of application and through the transfer academic update filing period. Before submitting a UC application, students must have already achieved a cumulative GPA of 3.20 or higher in required lower-division major coursework completed. If one course from the group is completed at the time the application is submitted, the grade for that one course must be B+ or better. If two or more courses from the group are completed at the time the application is submitted, the GPA for those courses combined must be a 3.20 or higher.

Any required courses that are offered at your current college must be completed by the close of spring term for fall enrollment at UC Davis. If required courses are not offered at your California Community College (i.e. those identified on ASSIST as NO COMPARABLE COURSE or NO COURSE ARTICULATED), you must complete them after enrolling at UC Davis.

In addition to completing preparatory courses for the major, students must also meet UC transfer admission requirements by the close of spring term for fall enrollment at UC Davis. 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. See the UC Davis [transfer admission website](#) for details.

IGETC: Transfer students should place highest priority on completing all requirements for their chosen engineering major. By completing the Intersegmental General Education Transfer Curriculum(IGETC)however, the General Education (GE) requirement at UC Davis will be totally satisfied for all UC Davis GE requirements that may be met with lower-division courses. Completing IGETC is not required, nor does it improve the likelihood you will be admitted. See additional GE information below.

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 our website for details regarding [UC Davis TAG](#).

General Education (GE) Note:

For information concerning satisfaction of UC Davis GE requirements, please go to the For General Education/Breadth section of ASSIST and select any GE area from the pull-down menu or view the "General Education" section of the 2018-19 [UC Davis General Catalog](#) online.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-2019 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

When there are more applicants than spaces available in the College of Engineering, priority is given to California community college transfers who have an overall UC transferable GPA of 3.10 or higher and who have completed all lower-division engineering major requirements available at the student's community college with a minimum GPA of 3.20 in these required courses. Contact your counselor or the UC Davis College of Engineering Undergraduate Office at(530)752-1979, or consult the [College of Engineering website](#) if you have any questions.

END OF MAJOR

====Mathematical & Scientific Computation B.S.====

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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

Recommended Language Preparation Note:

Bachelor of Science degree candidates are advised, but not required, to satisfy the same language requirement as that for a Bachelor of Arts degree candidate, and to fulfill it in French, German or Russian. View the [UC Davis General Catalog](#) for additional information about the Foreign Language and Area Requirements, College of Letters and Science.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

MATH 21A	Calculus	(4)	MATH 3A	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 3B	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 3C	Calculus III	(5)
OR			OR		
MATH 17A	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
MATH 17C	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
<hr/>					
MATH 21D	Vector Analysis	(4)	MATH 3C	Calculus III	(5)
MATH 22B	Differntl Equations	(3)	MATH 3F	Differential Equations	(3)

Bachelor of Science degree candidates are advised, but not required, to satisfy the same language requirement as that for a Bachelor of Arts degree candidate, and to fulfill it in French, German or Russian. View the [UC Davis General](#)

[Catalog](#) for additional information about the Foreign Language and Area Requirements, College of Letters and Science.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

MATH 21A	Calculus	(4)	MATH 3A	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 3B	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 3C	Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH 3C	Calculus III	(5)
MATH 22B	Differntl Equations	(3)	MATH 3F	Differential Equations	(3)
MATH 22AL	Lin Alg Comp Lab	(1)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

or equivalent basic knowledge of MATLAB.

NOTE: Basic knowledge of MATLAB is required for both MATH 67 and 22A. Students can learn it on their own, enroll in Engineering 6, Mechanical Engineering 5 or in the one unit course Mathematics 22AL (may be taken concurrently).

BOTH OF THE FOLLOWING COURSES:

MATH 22A	Linear Algebra	(3)	MATH 3E	Linear Algebra	(3)
AND			AND		
MATH 108	Intro Abstract Math	(4)	This course must be taken at UC Davis		

OR SELECT THE FOLLOWING COURSE:

MATH 67	Modern Linear Algebra	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
---------	-----------------------	-----	---	--	--

ENG CS 32A	Intro to Programming	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
Formerly ENG CS 10					

OR

ENGIN 6	Engr Prob Solving	(4)	NO COMPARABLE COURSE		
---------	-------------------	-----	----------------------	--	--

ECON 1A	Princ of Microecon	(4)	ECON 2	Principles of Economics	(3)
			(Micro-Economics)		
ECON 1B	Princ of Macroecon	(4)	ECON 1	Principles of Economics	(3)
			(Macro-Economics)		

STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		
------------	-------------------------	-----	----------------------	--	--

END OF MAJOR

====Mathematics A.B.====

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.

Special Advising Note for future applicants:*

Beginning fall 2020, the major mathematics will become selective and will require preparatory coursework for admission. Any required courses that are

offered at your current campus will need to be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses will not be offered at your college, you must complete them after enrolling at UC Davis.

Transfer students must earn an overall GPA of 2.80 or higher to be competitive candidates for admission to this major (3.20 or higher for TAG applicants).

Strive to achieve your highest possible GPA in order to be most competitive. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 3.00 for the selective major course group. It is recommended that candidates have a cumulative GPA of at least 3.00 for the group of courses below that have been completed at the time of application and through the transfer academic update filing period. Whether planning for the general application or TAG process, courses must be taken for a letter grade, with no grade less than C. (Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC course equivalents).

-Mathematics 21A/B/C/D
-Mathematics 22A or Mathematics 67
-Mathematics 22B

*Information for future applicants is subject to change

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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

MATH 21A	Calculus	(4)	MATH 3A	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 3B	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 3C	Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH 3C	Calculus III	(5)
MATH 22B	Differntl Equations	(3)	MATH 3F	Differential Equations	(3)

or equivalent basic knowledge of MATLAB.

NOTE: Basic knowledge of MATLAB is required for both MATH 67 and 22A. Students can learn it on their own, enroll in Engineering 6, Mechanical Engineering 5 or in the one unit course Mathematics 22AL (may be taken concurrently).

MATH 22A	Linear Algebra	(3)	MATH 3E	Linear Algebra	(3)
	AND			AND	
MATH 108	Intro Abstract Math	(4)	This course must be taken at UC Davis		

MATH 67	Modern Linear Algebra	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
---------	-----------------------	-----	---

Please note that the community college's computer science courses may not be identical to UC Davis courses. Community college students, upon transfer to UC Davis, may need to make up any topic or language deficiencies.

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.

Strive to achieve your highest possible GPA in order to be most competitive. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 3.00 for the selective major course group. It is

recommended that candidates have a cumulative GPA of at least 3.00 for the group of courses below that have been completed at the time of application and through the transfer academic update filing period. Whether planning for the general application or TAG process, courses must be taken for a letter grade, with no grade less than C. (Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC course equivalents).

- Mathematics 21A/B/C/D
- Mathematics 22A or Mathematics 67
- Mathematics 22B

*Information for future applicants is subject to change

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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

Recommended Language Preparation Note:

Bachelor of Science degree candidates are advised, but not required, to satisfy the same language requirement as that for a Bachelor of Arts degree candidate, and to fulfill it in French, German or Russian. View the [UC Davis General Catalog](#) for additional information about the Foreign Language and Area Requirements, College of Letters and Science.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

MATH 21A	Calculus	(4)	MATH 3A	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 3B	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 3C	Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH 3C	Calculus III	(5)
MATH 22B	Differntl Equations	(3)	MATH 3F	Differential Equations	(3)
MATH 22AL	Lin Alg Comp Lab	(1)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		

or equivalent basic knowledge of MATLAB.

NOTE: Basic knowledge of MATLAB is required for both MATH 67 and 22A. Students can learn it on their own, enroll in Engineering 6, Mechanical Engineering 5 or in the one unit course Mathematics 22AL (may be taken concurrently).

BOTH OF THE FOLLOWING COURSES:

MATH 22A	Linear Algebra	(3)	MATH 3E	Linear Algebra	(3)
	AND			AND	
MATH 108	Intro Abstract Math	(4)	This course must be taken at UC Davis		

OR SELECT THE FOLLOWING COURSE:

MATH 67	Modern Linear Algebra	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
---------	-----------------------	-----	--	---

ENG CS 32A	Intro to Programming	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	Formerly ENG CS 10			

OR

OR

ENGIN 6	Engr Prob Solving	(4)		NO COMPARABLE COURSE
---------	-------------------	-----	--	----------------------

Please note that the community college's computer science courses may not be identical to UC Davis courses. Community college students, upon transfer to UC Davis, may need to make up any topic or language deficiencies.

PLAN 1: GENERAL MATHEMATICS

q)	PHYSICS 9A	Classical Physics	(5)		PHYS 4A &	General Physics with Calculus	(5)
					PHYS 4B &	General Physics with Calculus	(5)
					PHYS 4C	General Physics with Calculus	(5)

PLAN 2: MATHEMATICS FOR SECONDARY TEACHING

h)	PHYSICS 7A	General Physics	(4)		PHYS 3A &	General Physics	(5)
					PHYS 3B	General Physics	(5)

OR

OR

q)	PHYSICS 9A	Classical Physics	(5)		PHYS 4A &	General Physics with Calculus	(5)
					PHYS 4B &	General Physics with Calculus	(5)
					PHYS 4C	General Physics with Calculus	(5)

OR

OR

STATIST 13	Elementary Statistics	(4)		MATH 13	Introduction to Statistics	(4)
	Same as: STATIST 13Y					

OR

OR

STATIST 32	Gateway to Data Science	(4)		NO COMPARABLE COURSE
------------	-------------------------	-----	--	----------------------

END OF MAJOR

q) This is a series-by-series articulation, not course-by-course. If students do not complete the entire series of 4A, 4B, and 4C at Berkeley City College, they may make up missing material by taking Physics 49 at UC Davis.

h) This articulation is series-for-series only.

====Mechanical Engineering B.S.====

Special Advising Note:

ARTICULATION FOR THIS MAJOR IS UNDER REVIEW. You may view the previous year's agreement, but be advised that articulation is subject to change from year to year.

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

College of Engineering applicants to fall 2019 should view the majors guide effective for the 2017-18 academic year. (Go to ASSIST.org and click on the red notice that appears at the top of the page after you enter a college or

university). Admission selection for fall 2019 will be based upon ALL courses published as REQUIRED FOR ADMISSION on the 2017-18 majors guide for the major. You may also view this information as published in the College of Engineering Transfer Credit Agreement at <http://engineering.ucdavis.edu/transfer-credit-agreements/>

Special Advising Note:

All majors in the College of Engineering are selective and require preparatory coursework for admission. Transfer applicants must earn an overall transfer GPA of 3.10 or higher to be competitive candidates for admission to any engineering major. Strive to achieve your highest possible GPA in order to be most competitive. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents.

Transfer applicants must also complete all lower-division courses required for their specific engineering major as listed below under courses "Required for Admission" with a cumulative GPA of 3.20 or higher for those courses completed at the time of application and through the transfer academic update filing period. Before submitting a UC application, students must have already achieved a cumulative GPA of 3.20 or higher in required lower-division major coursework completed. If one course from the group is completed at the time the application is submitted, the grade for that one course must be B+ or better. If two or more courses from the group are completed at the time the application is submitted, the GPA for those courses combined must be a 3.20 or higher.

Any required courses that are offered at your current college must be completed by the close of spring term for fall enrollment at UC Davis. If required courses are not offered at your California Community College (i.e. those identified on ASSIST as NO COMPARABLE COURSE or NO COURSE ARTICULATED), you must complete them after enrolling at UC Davis.

In addition to completing preparatory courses for the major, students must also meet UC transfer admission requirements by the close of spring term for fall enrollment at UC Davis. 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. See the UC Davis [transfer admission website](#) for details.

IGETC: Transfer students should place highest priority on completing all requirements for their chosen engineering major. By completing the Intersegmental General Education Transfer Curriculum (IGETC) however, the General Education (GE) requirement at UC Davis will be totally satisfied for all UC Davis GE requirements that may be met with lower-division courses. Completing IGETC is not required, nor does it improve the likelihood you will be admitted. See additional GE information below.

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 our website for details regarding [UC Davis TAG](#).

General Education (GE) Note:

For information concerning satisfaction of UC Davis GE requirements, please go to the For General Education/Breadth section of ASSIST and select any GE area from the pull-down menu or view the "General Education" section of the 2018-19 [UC Davis General Catalog](#) online.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-2019 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

When there are more applicants than spaces available in the College of Engineering, priority is given to California community college transfers who have an overall UC transferable GPA of 3.10 or higher and who have completed all lower-division engineering major requirements available at the student's community college with a minimum GPA of 3.20 in these required courses. Contact your counselor or the UC Davis College of Engineering Undergraduate Office at (530)752-1979, or consult the [College of Engineering website](#) if you have any questions.

END OF MAJOR

====Medieval and Early Modern Studies A.B.====

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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

MEDV-ST 20A	Medieval Culture	(5)	NO COMPARABLE COURSE
MEDV-ST 20B	Medieval Culture	(5)	NO COMPARABLE COURSE

THREE COURSES FROM THE FOLLOWING:

ARTHI 1B	Mediev&Renaiss Art	(4)	NO COMPARABLE COURSE
ARTHI 1C	Baroque to Modern Art	(4)	NO COMPARABLE COURSE
ARTHI 1E	Islamic Art & Architecture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
COMPLIT 2	Major Books-Middle Ages to Enlightenment	(4)	NO COMPARABLE COURSE
COMPLIT 10A	Master Authors	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
COMPLIT 10B	Master Authors	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
COMPLIT 10C	Master Authors	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
COMPLIT 10D	Master Authors	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
COMPLIT 10E	Master Authors	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
ENGLISH 10A	Literatures in English I: To 1700	(4)	ENGL 85A Literature in English through Milton (4)
GERMAN 48	Myth & Saga	(4)	NO COMPARABLE COURSE
HISTORY 4A	Western Civ	(4)	NO COMPARABLE COURSE
HISTORY 4B	Western Civ	(4)	HIST 2A & History of European Civilization (3)
			HIST 2B History of European Civilization (3)
HUMAN 1	Humanities Forum	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HUMAN 9	Don Quixote	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PHILOS 21	Phil Classics: Ancient	(4)	PHIL 20A History of Ancient Greek Philosophy (3)
PHILOS 22	Phil Classics: Modern	(4)	PHIL 20B History of Modern European Philosophy (3)

Language proficiency is a desideratum; courses in Latin and other European languages are strongly recommended, particularly for students planning to pursue graduate studies in the medieval or early modern field.

END OF MAJOR

====Microbiology A.B.====

Special Advising Note:

The following majors in the College of the Biological Sciences--biochemistry and molecular biology; biological sciences; cell biology; evolution, ecology, and biodiversity; genetics and genomics; marine and coastal science (marine ecology & organismal biology); microbiology; neurobiology, physiology, and behavior; and plant biology--are selective and require preparatory coursework for admission. Any required courses that are offered at your current campus must be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses are not offered at your college, you must complete them after enrolling at UC Davis.

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.

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.50 for each of the three course groups. It is recommended that candidates have already achieved the minimum required GPAs for the courses in the groups below that have been completed by the time of application and maintain them through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

Mathematics 17A/B/C or 21A/B
Chemistry 2A/B/C
Biological Sciences 2A/B/C

It is also strongly recommended that transfer students complete courses comparable to the following UC Davis courses. Completion of these courses will help you move more efficiently toward graduation. Courses should be taken for a letter grade, with no grade less than C:

Organic Chemistry series cited on ASSIST for your major*
Physics 7A/B/C or the physics series cited on ASSIST
for your intended College of Biological Sciences major (especially
useful for Neurobiology, Physiology and Behavior majors).

* Students planning for the major biochemistry and molecular biology should complete Organic Chemistry 118A/B/C rather than 8A/B. Students planning for the major marine and coastal science (marine ecology & organismal biology) should complete Organic Chemistry 8A/B; however, students may substitute Chemistry 118A/B/C.

Transfer students must also meet UC transfer admission requirements. UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. See the [UC Transfer Admission webpage](#). 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.

Special Note for Transfer Students Considering an A.B. Degree in this Major:

Applicants to majors in the College of Biological Sciences apply to the major, without reference to A.B. or B.S. degrees, which are chosen after enrollment at UC Davis. All majors currently offered in the College of Biological Sciences are selective for purposes of admission; therefore, in order to be considered for admission in this selective major, transfer students who plan to pursue the A.B. degree **MUST** also complete Chemistry 2C and additional courses in math. At a minimum, for admission students **MUST** complete courses comparable to UC Davis's Biological Sciences 2A/B/C; Mathematics 17A/B/C or 21A/B; and Chemistry 2A/B/C. See the B.S. degree in this major for additional course articulation information.

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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1A	General Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1B	General Biology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 1A & BIOL 1B	General Biology	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A & CHEM 1B	General Chemistry	(5)
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
OR			OR		
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 12A	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 12A & CHEM 12B	Organic Chemistry	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 12B	Organic Chemistry	(5)
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
OR			OR		
MATH 21A	Calculus	(4)	MATH 3A	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 3B	Calculus II	(5)
PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE		
OR			OR		
h) PHYSICS 7A	General Physics	(4)	PHYS 3A & PHYS 3B	General Physics	(5)
h) PHYSICS 7B	General Physics	(4)	PHYS 3A & PHYS 3B	General Physics	(5)

			PHYS 3B	General Physics	(5)
h) PHYSICS 7C	General Physics	(4)	PHYS 3A <u>&</u>	General Physics	(5)
			PHYS 3B	General Physics	(5)

It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

END OF MAJOR

h) **This articulation is series-for-series only.**

===Microbiology B.S.===

Special Advising Note:

The following majors in the College of the Biological Sciences--biochemistry and molecular biology; biological sciences; cell biology; evolution, ecology, and biodiversity; genetics and genomics; marine and coastal science (marine ecology & organismal biology); microbiology; neurobiology, physiology, and behavior; and plant biology--are selective and require preparatory coursework for admission. Any required courses that are offered at your current campus must be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses are not offered at your college, you must complete them after enrolling at UC Davis.

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.

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.50 for each of the three course groups. It is recommended that candidates have already achieved the minimum required GPAs for the courses in the groups below that have been completed by the time of application and maintain them through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

Mathematics 17A/B/C or 21A/B
 Chemistry 2A/B/C
 Biological Sciences 2A/B/C

It is also strongly recommended that transfer students complete courses comparable to the following UC Davis courses. Completion of these courses will help you move more efficiently toward graduation. Courses should be taken for a letter grade, with no grade less than C:

Organic Chemistry series cited on ASSIST for your major*
 Physics 7A/B/C or the physics series cited on ASSIST
 for your intended College of Biological Sciences major (especially
 useful for Neurobiology, Physiology and Behavior majors).

* Students planning for the major biochemistry and molecular biology should complete Organic Chemistry 118A/B/C rather than 8A/B. Students planning for the major marine and coastal science (marine ecology & organismal biology) should complete Organic Chemistry 8A/B; however, students may substitute Chemistry

Transfer students must also meet UC transfer admission requirements. UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. See the [UC Transfer Admission webpage](#). 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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1A	General Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1B	General Biology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 1A <u>&</u>	General Biology	(5)
			BIOL 1B	General Biology	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A <u>&</u>	General Chemistry	(5)
			CHEM 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
	OR			OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 12A	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 12A <u>&</u>	Organic Chemistry	(5)
			CHEM 12B	Organic Chemistry	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 12B	Organic Chemistry	(5)
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

	OR			OR	
MATH 21A	Calculus	(4)	MATH 3A	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 3B	Calculus II	(5)

h) PHYSICS 7A	General Physics	(4)	PHYS 3A &	General Physics	(5)
			PHYS 3B	General Physics	(5)
h) PHYSICS 7B	General Physics	(4)	PHYS 3A &	General Physics	(5)
			PHYS 3B	General Physics	(5)
h) PHYSICS 7C	General Physics	(4)	PHYS 3A &	General Physics	(5)
			PHYS 3B	General Physics	(5)

It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

MIC BIO 91 Intro Research	(1)	NO COURSE ARTICULATED
---------------------------	-----	-----------------------

RECOMMENDED:

MATH 21C	Calculus	(4)	MATH 3C	Calculus III	(5)
----------	----------	-----	---------	--------------	-----

END OF MAJOR

h) This articulation is series-for-series only.

====Middle East/South Asia Studies A.B.====

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](http://ucdavis.edu/transfer-admission). 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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

HISTORY 6	Intro to Middle East	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HISTORY 8	Indian Civilization	(4)	NO COMPARABLE COURSE

TWO YEARS (OR THE EQUIVALENT) OF ARABIC, HEBREW, OR HINDI/URDU:

ARABIC 1	Elementary Arabic	(5)	ARAB 1A Elementary Modern Standard Arabic	(5)
ARABIC 2	Elem Arabic	(5)	ARAB 1A & Elementary Modern Standard Arabic	(5)
			ARAB 1B Elementary Modern Standard Arabic	(5)
ARABIC 3	Elem Arabic	(5)	ARAB 1B Elementary Modern Standard Arabic	(5)
ARABIC 21	Intermed Arabic	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
ARABIC 22	Intermed Arabic	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
ARABIC 23	Intermed Arabic	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
OR			OR	
HEBREW 1	Elem Hebrew	(5)	NO COMPARABLE COURSE	
HEBREW 2	Elem Hebrew	(5)	NO COMPARABLE COURSE	
HEBREW 3	Elem Hebrew	(5)	NO COMPARABLE COURSE	
HEBREW 21	Intermed Modern Hebrew I	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
HEBREW 22	Intermed Modern Hebrew II	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
HEBREW 23	Intermed Modern Hebrew III	(4)	NO COURSE ARTICULATED	
OR			OR	
HIN-URD 1	Elem Hindi/Urdu I	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
HIN-URD 2	Elem Hindi/Urdu II	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
HIN-URD 3	Elem Hindi/Urdu III	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
HIN-URD 21	Intermed Hindi/Urdu I	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
HIN-URD 22	Intermed Hindi/Urdu II	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
HIN-URD 23	Intermed Hindi/Urdu III	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	

OTHER MIDDLE EAST/SOUTH ASIA STUDIES REGIONAL LANGUAGES ACCEPTED WITH PETITION.

ADDITIONAL ELECTIVES:

ARTHI 1E	Islamic Art & Architecture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
----------	----------------------------	-----	---

CLASSIC 1	N East/Early Gr	(4)	NO COMPARABLE COURSE
COMPLIT 53B	Lit of South Asia	(4)	NO COMPARABLE COURSE
COMPLIT 53C	Lit of the Islamic World	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
REL STD 21	The Bible	(4)	NO COMPARABLE COURSE
REL STD 23	Intro Judaism	(4)	NO COMPARABLE COURSE
REL STD 60	Introduction to Islam	(4)	NO COMPARABLE COURSE
REL STD 65C	The Qur'an and Its Interpretation	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
REL STD 68	Hinduism	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

Or additional lower-division courses in a Middle Eastern or South Asian language

END OF MAJOR

====Music A.B.====

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.

Diagnostic Examination Note:

Students completing the program of courses below achieve a fundamental grounding in music theory, music history, and performance. Upon admission to UC Davis, students will demonstrate required proficiency through a diagnostic exam as part of their initial academic planning and advisement. Students will be scheduled for specific courses appropriate to their proficiency level.

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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

MUSIC 2A	Keyboard Competence	(2)	NO COMPARABLE COURSE
MUSIC 2B	Keyboard Competence	(2)	NO COMPARABLE COURSE
MUSIC 2C	Keyboard Competence	(2)	NO COMPARABLE COURSE

STUDENTS MAY PASS OUT OF ONE OR MORE QUARTERS OF MUSIC 2A-C THROUGH EXAMINATION

MUSIC 6A	Elementary Theory	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MUSIC 6B	Elementary Theory	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MUSIC 6C	Elementary Theory	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

MUSIC 7A	Intermediate Theory	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MUSIC 7B	Intermediate Theory	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MUSIC 7C	Intermediate Theory	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

MUSIC 16A	Elem Musicianship	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MUSIC 16B	Elem Musicianship	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MUSIC 16C	Elem Musicianship	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

STUDENTS MAY PASS OUT OF ONE OR MORE QUARTERS OF MUSIC 16A-C THROUGH EXAMINATION

MUSIC 17A	Intermediate Musicianship	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MUSIC 17B	Intermediate Musicianship	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MUSIC 17C	Intermediate Musicianship	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

STUDENTS MAY PASS OUT OF ONE OR MORE QUARTERS OF MUSIC 17A-C THROUGH EXAMINATION

MUSIC 24A	Intro Music History	(3)	NO COMPARABLE COURSE
MUSIC 24B	Intro Music History	(3)	NO COMPARABLE COURSE
MUSIC 24C	Intro Music History	(3)	NO COMPARABLE COURSE

END OF MAJOR

====Native American Studies A.B.====

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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

N A STD 1	Intro NA Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
N A STD 10	NA Experience	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	OR		OR
N A STD 12	Native Amer/Indigenous Film	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation

ONE OR TWO COURSES FROM:

N A STD 5	Intro NA Literature	(4)	HIST 33	History of Native American Thought and Literature	(3)
N A STD 12	Native Amer/Indigenous	(4)	NO COURSE	ARTICULATED: College has not	

	Film		submitted course(s) for articulation
N A STD 32	NA Music & Dance	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
N A STD 33	Intro NA Art	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
N A STD 34	NA Art Workshop	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

ONE OR TWO COURSES FROM:

AF-AMST 12	Intro Afro Studies	(4)	NO COMPARABLE COURSE
AF-AMST 52	Afr Tradit Relig	(4)	NO COMPARABLE COURSE
ANTHRO 2	Cultural Anthropology	(5)	ANTHR 3 Introduction to Social (3) and Cultural Anthropology
ANTHRO 20	Comparative Cultures	(4)	NO COMPARABLE COURSE
ANTHRO 24	Ancient Crops and People	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
A A STD 1	Hist Exp Asian Am	(4)	NO COMPARABLE COURSE
A A STD 2	Contemp Issues of Asian Americans	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
A A STD 4	Asian Amer Cultural Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHICANO 10	Intro to Chic Std	(4)	NO COMPARABLE COURSE
CHICANO 21	Hlth Care Issues	(4)	NO COMPARABLE COURSE
CHICANO 23	Qualitative Research Methods	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
COMPLIT 25	Ethnic Writers	(4)	NO COMPARABLE COURSE
CM&RGDE 2	Ethnicity Amer Comm	(4)	NO COMPARABLE COURSE
ENV S&P 10	Current Issues in Environment	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ENV S&P 10 not open for credit to students who have completed ENV S&P 1			
HISTORY 7A	Latin America to 1700	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HISTORY 7B	Latin America 1700-1900	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HISTORY 7C	Latin America 1900-Present	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HISTORY 17A	U.S. History	(4)	HIST 7A History of the United States (to 1877) (3)
LINGUIS 1	Intro Linguistics	(4)	ANTHR 18 Introduction to Anthropological Linguistics (3)

END OF MAJOR

===Natural Sciences B.S.===

IMPORTANT ADVISORY FOR FALL 2018 APPLICANTS:

The Natural Sciences major is discontinued for new applicants effective the 2018-19 application cycle.

END OF MAJOR

===Neurobiology, Physiology and Behavior B.S.===

Special Advising Note:

The following majors in the College of the Biological Sciences--biochemistry and molecular biology; biological sciences; cell biology; evolution, ecology, and biodiversity; genetics and genomics; marine and coastal science (marine ecology & organismal biology); microbiology; neurobiology, physiology, and behavior; and plant biology--are selective and require preparatory coursework for admission. Any required courses that are offered at your current campus must be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses are not offered at your college, you must complete them after enrolling

at UC Davis.

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.

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.50 for each of the three course groups. It is recommended that candidates have already achieved the minimum required GPAs for the courses in the groups below that have been completed by the time of application and maintain them through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

Mathematics 17A/B/C or 21A/B
Chemistry 2A/B/C
Biological Sciences 2A/B/C

It is also strongly recommended that transfer students complete courses comparable to the following UC Davis courses. Completion of these courses will help you move more efficiently toward graduation. Courses should be taken for a letter grade, with no grade less than C:

Organic Chemistry series cited on ASSIST for your major*
Physics 7A/B/C or the physics series cited on ASSIST
for your intended College of Biological Sciences major (especially
useful for Neurobiology, Physiology and Behavior majors).

* Students planning for the major biochemistry and molecular biology should complete Organic Chemistry 118A/B/C rather than 8A/B. Students planning for the major marine and coastal science (marine ecology & organismal biology) should complete Organic Chemistry 8A/B; however, students may substitute Chemistry 118A/B/C.

Transfer students must also meet UC transfer admission requirements. UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. See the [UC Transfer Admission webpage](#). 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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option

from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1A	General Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1B	General Biology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 1A &	General Biology	(5)
			BIOL 1B	General Biology	(5)
<hr/>					
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
<hr/>					
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
	OR			OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 12A	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 12A &	Organic Chemistry	(5)
			CHEM 12B	Organic Chemistry	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 12B	Organic Chemistry	(5)
<hr/>					
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 3A	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 3B	Calculus II	(5)
<hr/>					
h) PHYSICS 7A	General Physics	(4)	PHYS 3A &	General Physics	(5)
			PHYS 3B	General Physics	(5)
h) PHYSICS 7B	General Physics	(4)	PHYS 3A &	General Physics	(5)
			PHYS 3B	General Physics	(5)
h) PHYSICS 7C	General Physics	(4)	PHYS 3A &	General Physics	(5)
			PHYS 3B	General Physics	(5)

It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

END OF MAJOR

h) **This articulation is series-for-series only.**

===Nutrition Science B.S.===

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 a series in general chemistry and a series in organic chemistry 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.

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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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 (A&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 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (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 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC 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. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

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 Transfer Admission website](#). The courses used for the A&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 CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1A	General Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1B	General Biology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 1A <u>&</u>	General Biology	(5)
			BIOL 1B	General Biology	(5)
<hr/>					
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A <u>&</u>	General Chemistry	(5)
			CHEM 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
<hr/>					
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
	OR		OR		
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 12A	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 12A <u>&</u>	Organic Chemistry	(5)
			CHEM 12B	Organic Chemistry	(5)
	OR		OR		
CHEM 128A	Organic Chemistry	(3)	CHEM 12A	Organic Chemistry	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 12A <u>&</u>	Organic Chemistry	(5)
			CHEM 12B	Organic Chemistry	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 12A	Organic Chemistry	(5)
<hr/>					
NUTR 10	Discoveries and Concepts	(3)	NO COMPARABLE COURSE		
<hr/>					
PSYCH 41	Research Methods	(4)	PSYCH 28	Introduction to Research Methods in Psychology	(3)
	OR		OR		
SOCIOL 46A	Intro Social Rsch	(4)	SOC 120	Introduction to Research Methods	(3)

The remaining preparatory subject matter is based on which major option you choose:

NUTRITIONAL BIOLOGY OPTION:

ANTHRO 2	Cultural Anthropology	(5)	ANTHR 3	Introduction to Social and Cultural Anthropology	(3)
	OR			OR	
PSYCH 1	General Psychology	(4)	PSYCH 1A	Introduction to General Psychology	(3)
	OR			OR	
SOCIOL 1	Intro Sociology	(5)	SOC 1	Introduction to Sociology	(3)
	OR			OR	
SOCIOL 3	Social Problems	(4)	SOC 2	Social Problems	(3)

MATH 16A	Short Calculus	(3)	MATH 16A	Calculus for Business and the Life and Social Sciences	(3)
			OR		
MATH 16B	Short Calculus	(3)	MATH 3A	Calculus I	(5)
			MATH 16B	Calculus for Business and the Life and Social Sciences	(3)
			OR		
			MATH 3B	Calculus II	(5)
PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE		

NUTRITION IN PUBLIC HEALTH OPTION:

ANTHRO 2	Cultural Anthropology	(5)	ANTHR 3	Introduction to Social and Cultural Anthropology	(3)
			OR		
SOCIOL 1	Intro Sociology	(5)	SOC 1	Introduction to Sociology	(3)
			OR		
SOCIOL 3	Social Problems	(4)	SOC 2	Social Problems	(3)
ECON 1A	Princ of Microecon	(4)	ECON 2	Principles of Economics (Micro-Economics)	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 1	Principles of Economics (Macro-Economics)	(3)
PSYCH 1	General Psychology	(4)	PSYCH 1A	Introduction to General Psychology	(3)

LOWER-DIVISION ELECTIVES BY AREA FOR THE NUTRITION IN PUBLIC HEALTH OPTION:

Agricultural and Health Policy Area:

AGRESEC 15	Pop,Envr,World Agri	(4)	NO COMPARABLE COURSE		
------------	---------------------	-----	----------------------	--	--

Cultural Diversity and Community Change Area:

AMR STD 55	Food in Amer Culture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	Same as: FD S&T 55				
CM&RGDE 2	Ethnicity Amer Comm	(4)	NO COMPARABLE COURSE		
INT AG 10	Intro Intl Ag Development	(4)	NO COMPARABLE COURSE		

Natural and Applied Sciences Area:

CM&RGDE 20	Food Systems	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
PHILOS 15	Intro to Bioethics	(4)	NO COMPARABLE COURSE		
SCI&SOC 2	Feeding the Planet	(3)	NO COMPARABLE COURSE		

END OF MAJOR

====Pharmaceutical Chemistry B.S.====

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. See the [UC Transfer Admission website](#) for details. UC Davis requires that students complete the minimum transfer admission requirement 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.

Special Advising Note for future applicants:*

Beginning fall 2020, the major pharmaceutical chemistry will become selective and will require preparatory coursework for admission. Any required courses that are offered at your current campus will need to be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses will not be offered at your college, you must complete them after enrolling at UC Davis.

Transfer students must earn an overall GPA of 2.80 or higher to be competitive candidates for admission to this major (3.20 or higher for TAG applicants).

Strive to achieve your highest possible GPA in order to be most competitive. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 3.00 for the selective major course group. It is recommended that candidates have a cumulative GPA of at least 3.00 for the group of courses below that have been completed at the time of application and through the transfer academic update filing period. Whether planning for the general application or TAG process, courses must be taken for a letter grade, with no grade less than C. (Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC course equivalents).

- Chemistry 2A/B/C or Chemistry 2AH/BH/CH
- Chemistry 118 A/B/C or Chemistry 128A/B/C, 129A/B/C
- Mathematics 21A/B/C/D
- Mathematics 16A/B/C or Mathematics 17A/B/C or Mathematics 21A/B/C

We strongly recommend that you complete courses comparable to the following UC Davis courses with C or better grades before matriculating to UC Davis. Completion of these courses will help you move more efficiently toward graduation:

- Physics 7A/B/C or Physics 9A/B/C
- Biological Sciences 2A
- Biological Sciences 2B or 2C
- Statistics 13 or 32

*Information for future applicants is subject to change

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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis

academic advisor to understand how to complete all of the GE components.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
	OR			OR	
CHEM 2AH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
CHEM 2BH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
CHEM 2CH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		

h) PHYSICS 7A	General Physics	(4)	PHYS 3A &	General Physics	(5)
			PHYS 3B	General Physics	(5)
h) PHYSICS 7B	General Physics	(4)	PHYS 3A &	General Physics	(5)
			PHYS 3B	General Physics	(5)
h) PHYSICS 7C	General Physics	(4)	PHYS 3A &	General Physics	(5)
			PHYS 3B	General Physics	(5)

It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

	OR			OR	
q) PHYSICS 9A	Classical Physics	(5)	PHYS 4A &	General Physics with Calculus	(5)
			PHYS 4B &	General Physics with Calculus	(5)
			PHYS 4C	General Physics with Calculus	(5)
q) PHYSICS 9B	Classical Physics	(5)	PHYS 4A &	General Physics with Calculus	(5)
			PHYS 4B &	General Physics with Calculus	(5)
			PHYS 4C	General Physics with Calculus	(5)
q) PHYSICS 9C	Classical Physics	(5)	PHYS 4A &	General Physics with Calculus	(5)
			PHYS 4B &	General Physics with Calculus	(5)
			PHYS 4C	General Physics with Calculus	(5)

MATH 16A	Short Calculus	(3)	MATH 16A	Calculus for Business and the Life and Social Sciences	(3)
			OR		
MATH 16B	Short Calculus	(3)	MATH 3A	Calculus I	(5)
			MATH 16B	Calculus for Business and the Life and Social Sciences	(3)
			OR		
MATH 16C	Short Calculus	(3)	MATH 3B	Calculus II	(5)
			MATH 16B	Calculus for Business and the Life and Social Sciences	(3)

				OR			
					MATH 3B	Calculus II	(5)
				OR			
MATH 17A	Calculus for BioSci	(4)			NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)			NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
MATH 17C	Calculus for BioSci	(4)			NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
				OR			
MATH 21A	Calculus	(4)			MATH 3A	Calculus I	(5)
MATH 21B	Calculus	(4)			MATH 3B	Calculus II	(5)
MATH 21C	Calculus	(4)			MATH 3C	Calculus III	(5)

BIOLSCI 2A	Intro Biology:Life on Earth	(5)			BIOL 1A	General Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)			BIOL 1B	General Biology	(5)
				OR			
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)			BIOL 1A <u>&</u>	General Biology	(5)
					BIOL 1B	General Biology	(5)

STATIST 13	Elementary Statistics	(4)			MATH 13	Introduction to Statistics	(4)
	Same as: STATIST 13Y						
				OR			
STATIST 32	Gateway to Data Science	(4)			NO COMPARABLE COURSE		

CHEM 118A	Org Chem, Hlth & Sci	(4)			CHEM 12A	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)			CHEM 12A <u>&</u>	Organic Chemistry	(5)
					CHEM 12B	Organic Chemistry	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)			CHEM 12B	Organic Chemistry	(5)
				OR			
CHEM 128A	Organic Chemistry	(3)			CHEM 12A	Organic Chemistry	(5)
CHEM 128B	Organic Chemistry	(3)			CHEM 12A <u>&</u>	Organic Chemistry	(5)
					CHEM 12B	Organic Chemistry	(5)
CHEM 128C	Organic Chemistry	(3)			CHEM 12B	Organic Chemistry	(5)
CHEM 129A	Organic Chem Lab	(2)			CHEM 12A	Organic Chemistry	(5)
CHEM 129B	Organic Chem Lab	(2)			CHEM 12A <u>&</u>	Organic Chemistry	(5)
					CHEM 12B	Organic Chemistry	(5)
CHEM 129C	Organic Chem Lab	(2)			CHEM 12B	Organic Chemistry	(5)

END OF MAJOR

h) This articulation is series-for-series only.

q) This is a series-by-series articulation, not course-by-course. If students do not complete the entire series of 4A, 4B, and 4C at Berkeley City College, they may make up missing material by taking Physics 49 at UC Davis.

====Philosophy A.B.====

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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

GENERAL EMPHASIS:

e) PHILOS 12	Intro to Symbol Logic (4)		PHIL 10	Logic	(3)
			<u>OR</u>		
			PHIL 11	Formal Logic	(3)

AND ONE COURSE FROM ANY THREE OF THE FOLLOWING AREAS

a. GENERAL PHILOSOPHY

PHILOS 1	Intro to Philos	(4)		PHIL 1	Introduction to Philosophy	(3)

b. ANCIENT PHILOSOPHY

PHILOS 21	Phil Classics: Ancient	(4)		PHIL 20A	History of Ancient Greek Philosophy	(3)

c. EARLY MODERN PHILOSOPHY

PHILOS 22	Phil Classics: Modern	(4)		PHIL 20B	History of Modern	(3)
-----------	-----------------------	-----	--	----------	-------------------	-----

d. PHILOSOPHY OF MIND

PHILOS 13G	Minds, Brains Comp w/Disc	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
------------	------------------------------	-----	--

e. ETHICS:

f) PHILOS 14	Eth Soc Prob in Soc	(4)	HUMAN 30A Human Values - Ethics (3) Same as: <u>OR</u> PHIL 31A Human Values - Ethics (3) Same as:
	<u>OR</u>		<u>OR</u>
PHILOS 15	Intro to Bioethics	(4)	NO COMPARABLE COURSE
	<u>OR</u>		<u>OR</u>
PHILOS 24	Intro to Ethics	(4)	HUMAN 30A Human Values - Ethics (3) Same as: <u>OR</u> PHIL 31A Human Values - Ethics (3) Same as:

f. PHILOSOPHY OF SCIENCE

PHILOS 30	Intro Philos of Sci	(4)	NO COMPARABLE COURSE
	<u>OR</u>		<u>OR</u>
PHILOS 31	Scientific Reason	(4)	NO COMPARABLE COURSE
	<u>OR</u>		<u>OR</u>
PHILOS 32	Scientific Change	(4)	NO COMPARABLE COURSE
	<u>OR</u>		<u>OR</u>
PHILOS 38	Intro Philos of Biol	(4)	NO COMPARABLE COURSE

g. PHILOSOPHY OF LANGUAGE

PHILOS 17	Language, Thought & World	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
-----------	------------------------------	-----	--

PRE-LAW EMPHASIS

ONE COURSE FROM THE FOLLOWING:

f) PHILOS 14	Eth Soc Prob in Soc	(4)	HUMAN 30A Human Values - Ethics (3) Same as: <u>OR</u> PHIL 31A Human Values - Ethics (3) Same as:
PHILOS 15	Intro to Bioethics	(4)	NO COMPARABLE COURSE
PHILOS 16	Phil Foundations of Amer Democ	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

ALL OF THE FOLLOWING COURSES:

PHILOS 5	Critical Reasoning	(4)	PHIL 10 Logic (3)
e) PHILOS 12	Intro to Symbol Logic	(4)	PHIL 10 Logic (3)
			<u>OR</u>
			PHIL 11 Formal Logic (3)
PHILOS 24	Intro to Ethics	(4)	HUMAN 30A Human Values - Ethics (3) Same as: <u>OR</u> PHIL 31A Human Values - Ethics (3) Same as:

PRE-MED EMPHASIS:

ONE COURSE FROM THE FOLLOWING:

PHILOS 24	Intro to Ethics	(4)	HUMAN 30A	Human Values - Ethics (3)
			Same as:	
			<u>OR</u>	
			PHIL 31A	Human Values - Ethics (3)
			Same as:	
PHILOS 30	Intro Philos of Sci	(4)	NO COMPARABLE COURSE	
PHILOS 31	Scientific Reason	(4)	NO COMPARABLE COURSE	
PHILOS 32	Scientific Change	(4)	NO COMPARABLE COURSE	

ALL OF THE FOLLOWING COURSES:

e) PHILOS 12	Intro to Symbol Logic	(4)	PHIL 10	Logic	(3)
			<u>OR</u>		
			PHIL 11	Formal Logic	(3)
PHILOS 15	Intro to Bioethics	(4)	NO COMPARABLE COURSE		
PHILOS 38	Intro Philos of Biol	(4)	NO COMPARABLE COURSE		

END OF MAJOR

- e) Students who complete PHIL 10 at Berkeley City College will receive credit at UC Davis for PHILOS 5 or 12, not both.
- f) Students who complete HUMAN 30A at Berkeley City College will receive credit at UC Davis for PHILOS 14 or 24, not both.

====Physics A.B.====

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.

Special Advising Note for future applicants:*

Beginning fall 2020, the major physics will become selective and will require preparatory coursework for admission. Any required courses that are offered at your current campus will need to be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses will not be offered at your college, you must complete them after enrolling at UC Davis.

Transfer students must earn an overall GPA of 2.80 or higher to be competitive candidates for admission to this major (3.20 or higher for TAG applicants).

Strive to achieve your highest possible GPA in order to be most competitive. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 3.00 for the selective major course group. It is recommended that candidates have a cumulative GPA of at least 3.00 for the group of courses below that have been completed at the time of application and through the transfer academic update filing period. Whether planning for the general application or TAG process, courses must be taken for a letter grade, with no grade less than C. (Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC course equivalents).

-Physics 9A/B/C/D or Physics 9HA/HB/HC/HD/HE
 -Mathematics 21A/B/C/D
 -Mathematics 22A/B

*Information for future applicants is subject to change

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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

q) PHYSICS 9A	Classical Physics	(5)	PHYS 4A &	General Physics with	(5)
				Calculus	
			PHYS 4B &	General Physics with	(5)
				Calculus	
			PHYS 4C	General Physics with	(5)
				Calculus	
q) PHYSICS 9B	Classical Physics	(5)	PHYS 4A &	General Physics with	(5)
				Calculus	
			PHYS 4B &	General Physics with	(5)
				Calculus	
			PHYS 4C	General Physics with	(5)
				Calculus	
q) PHYSICS 9C	Classical Physics	(5)	PHYS 4A &	General Physics with	(5)
				Calculus	
			PHYS 4B &	General Physics with	(5)
				Calculus	
			PHYS 4C	General Physics with	(5)
				Calculus	
PHYSICS 9D	Modern Physics	(4)	NO COMPARABLE COURSE		
	OR		OR		
PHYSICS 9HA	Honors Physics	(5)	NO COMPARABLE COURSE		
PHYSICS 9HB	Honors Physics	(5)	NO COMPARABLE COURSE		

PHYSICS 9HC	Honors Physics	(5)	NO COMPARABLE COURSE
PHYSICS 9HD	Honors Physics	(5)	NO COMPARABLE COURSE
PHYSICS 9HE	Honors Physics	(5)	NO COMPARABLE COURSE

MATH 21A	Calculus	(4)	MATH 3A Calculus I (5)
MATH 21B	Calculus	(4)	MATH 3B Calculus II (5)
MATH 21C	Calculus	(4)	MATH 3C Calculus III (5)
MATH 21D	Vector Analysis	(4)	MATH 3C Calculus III (5)
MATH 22A	Linear Algebra	(3)	MATH 3E Linear Algebra (3)
MATH 22B	Differntl Equations	(3)	MATH 3F Differential Equations (3)

PHYSICS 80	Experimental Techniques	(4)	NO COURSE ARTICULATED

END OF MAJOR

q) This is a series-by-series articulation, not course-by-course. If students do not complete the entire series of 4A, 4B, and 4C at Berkeley City College, they may make up missing material by taking Physics 49 at UC Davis.

====Physics B.S.====

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 a calculus-based physics series, a calculus series through linear algebra and differential equations, and a formal course in C programming before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree. As a result, students who expect to graduate in two years will need the recommended courses upon entry.

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.

----- Special Advising Note for future applicants:*

Beginning fall 2020, the major physics will become selective and will require preparatory coursework for admission. Any required courses that are offered at your current campus will need to be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses will not be offered at your college, you must complete them after enrolling at UC Davis.

Transfer students must earn an overall GPA of 2.80 or higher to be competitive candidates for admission to this major (3.20 or higher for TAG applicants).

Strive to achieve your highest possible GPA in order to be most competitive. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 3.00 for the selective major course group. It is recommended that candidates have a cumulative GPA of at least 3.00 for the group of courses below that have been completed at the time of application and through the transfer academic update filing period. Whether planning for the general application or TAG process, courses must be taken for a letter grade, with no grade less than C. (Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC course equivalents).

-Physics 9A/B/C/D or Physics 9HA/HB/HC/HD/HE
 -Mathematics 21A/B/C/D
 -Mathematics 22A/B

*Information for future applicants is subject to change

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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

q) PHYSICS 9A	Classical Physics	(5)	PHYS 4A &	General Physics with Calculus	(5)
			PHYS 4B &	General Physics with Calculus	(5)
			PHYS 4C	General Physics with Calculus	(5)
q) PHYSICS 9B	Classical Physics	(5)	PHYS 4A &	General Physics with Calculus	(5)
			PHYS 4B &	General Physics with Calculus	(5)
			PHYS 4C	General Physics with Calculus	(5)
q) PHYSICS 9C	Classical Physics	(5)	PHYS 4A &	General Physics with Calculus	(5)
			PHYS 4B &	General Physics with Calculus	(5)
			PHYS 4C	General Physics with Calculus	(5)
PHYSICS 9D	Modern Physics	(4)	NO COMPARABLE COURSE		
	OR		OR		
PHYSICS 9HA	Honors Physics	(5)	NO COMPARABLE COURSE		
PHYSICS 9HB	Honors Physics	(5)	NO COMPARABLE COURSE		
PHYSICS 9HC	Honors Physics	(5)	NO COMPARABLE COURSE		
PHYSICS 9HD	Honors Physics	(5)	NO COMPARABLE COURSE		
PHYSICS 9HE	Honors Physics	(5)	NO COMPARABLE COURSE		
MATH 21A	Calculus	(4)	MATH 3A	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 3B	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 3C	Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH 3C	Calculus III	(5)

MATH 22A	Linear Algebra	(3)	MATH 3E	Linear Algebra	(3)
MATH 22B	Differntl Equations	(3)	MATH 3F	Differential Equations	(3)

PHYSICS 40	Intr Physics Computation	(4)	NO COURSE ARTICULATED		
PHYSICS 80	Experimental Techniques	(4)	NO COURSE ARTICULATED		

ASTROPHYSICS EMPHASIS

Preparatory subject matter for the B.S. Astrophysics Emphasis is the same as that listed above. In addition, the following course is RECOMMENDED but not required:

ASTRON 25	Intro to Modern Astronomy & Astrophy	(4)	NO COMPARABLE COURSE
<hr/>			

END OF MAJOR

q) This is a series-by-series articulation, not course-by-course. If students do not complete the entire series of 4A, 4B, and 4C at Berkeley City College, they may make up missing material by taking Physics 49 at UC Davis.

====Plant Biology A.B.====

Special Advising Note:

The following majors in the College of the Biological Sciences--biochemistry and molecular biology; biological sciences; cell biology; evolution, ecology, and biodiversity; genetics and genomics; marine and coastal science (marine ecology & organismal biology); microbiology; neurobiology, physiology, and behavior; and plant biology--are selective and require preparatory coursework for admission. Any required courses that are offered at your current campus must be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses are not offered at your college, you must complete them after enrolling at UC Davis.

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.

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.50 for each of the three course groups. It is recommended that candidates have already achieved the minimum required GPAs for the courses in the groups below that have been completed by the time of application and maintain them through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

Mathematics 17A/B/C or 21A/B
Chemistry 2A/B/C
Biological Sciences 2A/B/C

It is also strongly recommended that transfer students complete courses comparable to the following UC Davis courses. Completion of these courses will help you move more efficiently toward graduation. Courses should be taken for a letter grade, with no grade less than C:

Organic Chemistry series cited on ASSIST for your major*
Physics 7A/B/C or the physics series cited on ASSIST
for your intended College of Biological Sciences major (especially
useful for Neurobiology, Physiology and Behavior majors).

* Students planning for the major biochemistry and molecular biology should complete Organic Chemistry 118A/B/C rather than 8A/B. Students planning for the major marine and coastal science (marine ecology & organismal biology) should complete Organic Chemistry 8A/B; however, students may substitute Chemistry 118A/B/C.

Transfer students must also meet UC transfer admission requirements. UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. See the [UC Transfer Admission webpage](#). 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.

Special Note for Transfer Students Considering an A.B. Degree in this Major:

Applicants to majors in the College of Biological Sciences apply to the major, without reference to A.B. or B.S. degrees, which are chosen after enrollment at UC Davis. All majors currently offered in the College of Biological Sciences are selective for purposes of admission; therefore, in order to be considered for admission in this selective major, transfer students who plan to pursue the A.B. degree MUST also complete Chemistry 2C and additional courses in math. At a minimum, for admission students MUST complete courses comparable to UC Davis's Biological Sciences 2A/B/C; Mathematics 17A/B/C or 21A/B; and Chemistry 2A/B/C. See the B.S. degree in this major for additional course articulation information.

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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1A	General Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1B	General Biology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 1A &	General Biology	(5)
			BIOL 1B	General Biology	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry	(5)
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
STATIST 13	Elementary Statistics	(4)	MATH 13	Introduction to Statistics	(4)
Same as: STATIST 13Y					

RECOMMENDED COURSES:

CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
---------	----------------	-----	---------	-------------------	-----

END OF MAJOR

====Plant Biology B.S.====

Special Advising Note:

The following majors in the College of the Biological Sciences--biochemistry and molecular biology; biological sciences; cell biology; evolution, ecology, and biodiversity; genetics and genomics; marine and coastal science (marine ecology & organismal biology); microbiology; neurobiology, physiology, and behavior; and plant biology--are selective and require preparatory coursework for admission. Any required courses that are offered at your current campus must be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses are not offered at your college, you must complete them after enrolling at UC Davis.

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.

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.50 for each of the three course groups. It is recommended that candidates have already achieved the minimum required GPAs for the courses in the groups below that have been completed by the time of application and maintain them through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

Mathematics 17A/B/C or 21A/B
 Chemistry 2A/B/C
 Biological Sciences 2A/B/C

It is also strongly recommended that transfer students complete courses comparable to the following UC Davis courses. Completion of these courses will help you move more efficiently toward graduation. Courses should be taken for a letter grade, with no grade less than C:

Organic Chemistry series cited on ASSIST for your major*
Physics 7A/B/C or the physics series cited on ASSIST
for your intended College of Biological Sciences major (especially
useful for Neurobiology, Physiology and Behavior majors).

* Students planning for the major biochemistry and molecular biology should complete Organic Chemistry 118A/B/C rather than 8A/B. Students planning for the major marine and coastal science (marine ecology & organismal biology) should complete Organic Chemistry 8A/B; however, students may substitute Chemistry 118A/B/C.

Transfer students must also meet UC transfer admission requirements. UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. See the [UC Transfer Admission webpage](#). 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.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 1A	General Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1B	General Biology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 1A & 1B	General Biology	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
	OR			OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 12A	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 12A &	Organic Chemistry	(5)
			CHEM 12B	Organic Chemistry	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 12B	Organic Chemistry	(5)
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 3A	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 3B	Calculus II	(5)
h) PHYSICS 7A	General Physics	(4)	PHYS 3A &	General Physics	(5)
			PHYS 3B	General Physics	(5)
h) PHYSICS 7B	General Physics	(4)	PHYS 3A &	General Physics	(5)
			PHYS 3B	General Physics	(5)
h) PHYSICS 7C	General Physics	(4)	PHYS 3A &	General Physics	(5)
			PHYS 3B	General Physics	(5)

It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

RECOMMENDED COURSES:

BIOLSCI 20Q	Modeling in Biology	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 21C	Calculus	(4)	MATH 3C	Calculus III	(5)

END OF MAJOR

h) This articulation is series-for-series only.

====Plant Sciences B.S.====

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. See the [UC Transfer Admission website](#) for details. UC Davis requires that students complete the minimum transfer admission requirement 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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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 (A&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 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (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 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC 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. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

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 Transfer Admission website](#). The courses used for the A&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 CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1A	General Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1B	General Biology	(5)
PL SCI 2	Bot Physio Cul Plt	(4)	NO COMPARABLE COURSE		
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
	OR			OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 12A	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 12A &	Organic Chemistry	(5)
			CHEM 12B	Organic Chemistry	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 12B	Organic Chemistry	(5)
MATH 16A	Short Calculus	(3)	MATH 16A	Calculus for Business and the Life and Social Sciences	(3)
			OR		
MATH 16B	Short Calculus	(3)	MATH 3A	Calculus I	(5)
			MATH 16B	Calculus for Business and the Life and Social Sciences	(3)
			OR		
	OR		MATH 3B	Calculus II	(5)
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE		
	OR			OR	
h) PHYSICS 7A	General Physics	(4)	PHYS 3A &	General Physics	(5)
			PHYS 3B	General Physics	(5)
h) PHYSICS 7B	General Physics	(4)	PHYS 3A &	General Physics	(5)
			PHYS 3B	General Physics	(5)
h) PHYSICS 7C	General Physics	(4)	PHYS 3A &	General Physics	(5)
			PHYS 3B	General Physics	(5)
It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.					
ABIOSYT 49	Fld Equip Oper	(2)	NO COMPARABLE COURSE		
	OR			OR	
PL SCI 49	Org Crop Prod Prac	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

COURSES FOR THE CROP PRODUCTION OPTION:

ECON 1A	Princ of Microecon	(4)	ECON 2	Principles of Economics (3) (Micro-Economics)
OR			OR	
AGRESEC 15	Pop,Envr,World Agri	(4)	NO COMPARABLE COURSE	

END OF MAJOR

h) **This articulation is series-for-series only.**

====Political Science - Public Service A.B.====

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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

POL SCI 1	Amer Natl Govt	(4)	POS CI 1	Government and Politics (3) in the United States
-----------	----------------	-----	----------	---

THREE COURSES FROM THE FOLLOWING:

POL SCI 2	Intro Comp Politics	(4)	POS CI 2	Comparative Government	(3)
POL SCI 3	Internatl Relations	(4)	POS CI 3	International Relations	(3)
			<u>OR</u>		
POL SCI 4	Bas Cnpt/Pol Thry	(4)	POS CI 20	Global Issues	(3)
POL SCI 5	Probs/Am Pol Sys	(4)	POS CI 4	Political Theory	(3)
POL SCI 7	Law & Politics	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
			NO COMPARABLE COURSE		

POL SCI 51	Scientific Study of Politics	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

ONE COURSE FROM THE FOLLOWING:

POL SCI 12Y	Data Visualization	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
Same as: COMUNCN 12Y, PSYCH 12Y					
SOCIOL 12Y					
STATIST 13	Elementary Statistics	(4)	MATH 13	Introduction to Statistics	(4)
Same as: STATIST 13Y					
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		

END OF MAJOR

====Political Science A.B.====

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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

THREE COURSES FROM THE FOLLOWING:

POL SCI 1	Amer Natl Govt	(4)	POSCI 1	Government and Politics (3) in the United States
POL SCI 2	Intro Comp Politics	(4)	POSCI 2	Comparative Government (3)
POL SCI 3	Internatl Relations	(4)	POSCI 3	International (3) Relations
				OR
POL SCI 4	Bas Cnpt/Pol Thry	(4)	POSCI 20	Global Issues (3)
			POSCI 4	Political Theory (3)

ONE COURSE FROM THE FOLLOWING:

Note: Courses listed twice may be used only once for major preparation

POL SCI 1	Amer Natl Govt	(4)	POSCI 1	Government and Politics (3) in the United States
POL SCI 2	Intro Comp Politics	(4)	POSCI 2	Comparative Government (3)
POL SCI 3	Internatl Relations	(4)	POSCI 3	International (3) Relations
				OR
POL SCI 4	Bas Cnpt/Pol Thry	(4)	POSCI 20	Global Issues (3)
POL SCI 5	Probs/Am Pol Sys	(4)	POSCI 4	Political Theory (3)
POL SCI 7	Law & Politics	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
POL SCI 11A	America Decides	(4)	NO COMPARABLE COURSE	
POL SCI 11B	Citizen Lawmaking	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
POL SCI 11C	Politics & Film	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
POL SCI 11D	Political Persuasion	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
POL SCI 12A	Politics & Sports	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
POL SCI 12B	Climate Chg & Politics	(4)		

POL SCI 51	Scientific Study of Politics	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
------------	---------------------------------	-----	--	--

POL SCI 12Y	Data Visualization	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
Same as: COMUNCN 12Y, PSYCH 12Y			
SOCIOL 12Y			

OR			OR	
STATIST 13	Elementary Statistics	(4)	MATH 13	Introduction to (4) Statistics
Same as: STATIST 13Y				

OR			OR	
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE	

END OF MAJOR

====Psychology A.B.====

Special Advising Note:

REQUIREMENTS FOR ADMISSION:
(for 2019-20)

This major is selective and requires preparatory coursework for admission. Any required courses that are offered at your current campus must be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses are not offered at your college, you must complete them after enrolling at UC Davis.

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.90 for the course group. It is recommended that candidates have a cumulative GPA of at least 2.90 for courses in the group below that have been completed by the time of application and maintain the GPA through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

Psychology 1;

Statistics 13;

One of these two options:

Biological Sciences 2A,

or

*Biological Sciences 10 and one course from:

Anthropology 1 or

Molecular and Cellular Biology 10 or

Neurobiology, Physiology and Behavior 10

Applicants to psychology apply to the major, without reference to A.B. or B.S. degrees or emphases, which are chosen after enrollment at UC Davis. Transfer students are advised that although requirements for admission (listed above) in the psychology major are the same for the A.B. and B.S. degree options, lower-division preparation for graduation in the major may vary based on the degree and emphasis. Students are encouraged to view coursework for the A.B. degree and the B.S. degree with available biological and quantitative emphases.

Although not required for admission selection to the psychology major, it is highly recommended that students planning for a B.S. degree in psychology complete courses comparable to the UC Davis chemistry courses that apply to the student's degree and emphasis before enrolling at UC Davis.

*Students planning for a B.S. degree in psychology with biological emphasis are encouraged to complete Biological Sciences 2A rather than Biological Sciences 10. Also, although only one biological sciences course is required for admission, students interested in pursuing a B.S. degree with biological emphasis are encouraged to complete the recommended courses shown on ASSIST.

Transfer students must also meet UC transfer admission requirements. For details, see the UC Davis [transfer admission website](#). UC Davis requires that students complete the minimum 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 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.

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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

PSYCH 1	General Psychology	(4)	PSYCH 1A	Introduction to General Psychology	(3)
PSYCH 41	Research Methods	(4)	PSYCH 28	Introduction to Research Methods in Psychology	(3)
STATIST 13	Elementary Statistics	(4)	MATH 13	Introduction to Statistics	(4)
Same as: STATIST 13Y					
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1A	General Biology	(5)

OR A COMBINATION OF

BIOLSCI 10	Everyday Biology	(4)	BIOL 10	Introduction to Biology	(4)
------------	------------------	-----	---------	-------------------------	-----

AND ONE COURSE FROM

ANTHRO 1	Human Evol Biol	(4)	ANTHR 1	Introduction to Physical Anthropology	(3)
OR			OR		
MOL&CB 10	Intro Human Heredity	(4)	NO COMPARABLE COURSE		
OR			OR		
NE PH B 10	Elem Human Physio	(3)	NO COMPARABLE COURSE		

END OF MAJOR

====Psychology B.S. (Biological)====

Special Advising Note:

REQUIREMENTS FOR ADMISSION:
(for 2019-20)

This major is selective and requires preparatory coursework for admission. Any required courses that are offered at your current campus must be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses are not offered at your college, you must complete them after enrolling at UC Davis.

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.90 for the course group. It is recommended that candidates have a cumulative GPA of at least 2.90 for courses in the group below that have been completed by the time of application and maintain the GPA through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

Psychology 1;

Statistics 13;

One of these two options:

Biological Sciences 2A,

or

*Biological Sciences 10 and one course from:

Anthropology 1 or

Molecular and Cellular Biology 10 or

Neurobiology, Physiology and Behavior 10

Applicants to psychology apply to the major, without reference to A.B. or B.S. degrees or emphases, which are chosen after enrollment at UC Davis. Transfer students are advised that although requirements for admission (listed above) in the psychology major are the same for the A.B. and B.S. degree options, lower-division preparation for graduation in the major may vary based on the degree and emphasis. Students are encouraged to view coursework for the A.B. degree and the B.S. degree with available biological and quantitative emphases.

Although not required for admission selection to the psychology major, it is highly recommended that students planning for a B.S. degree in psychology complete courses comparable to the UC Davis chemistry courses that apply to the student's degree and emphasis before enrolling at UC Davis.

*Students planning for a B.S. degree in psychology with biological emphasis are encouraged to complete Biological Sciences 2A rather than Biological Sciences 10. Also, although only one biological sciences course is required for admission, students interested in pursuing a B.S. degree with biological emphasis are encouraged to complete the recommended courses shown on ASSIST.

Transfer students must also meet UC transfer admission requirements. For details, see the UC Davis [transfer admission website](#). UC Davis requires that students complete the minimum 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 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.

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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

PSYCH 1	General Psychology	(4)	PSYCH 1A	Introduction to General Psychology	(3)
PSYCH 41	Research Methods	(4)	PSYCH 28	Introduction to Research Methods in Psychology	(3)
<hr/>					
STATIST 13	Elementary Statistics	(4)	MATH 13	Introduction to Statistics	(4)
Same as: STATIST 13Y					
<hr/>					
MATH 16A	Short Calculus	(3)	MATH 16A	Calculus for Business and the Life and Social Sciences	(3)
			<u>OR</u>		
MATH 16B	Short Calculus	(3)	MATH 3A	Calculus I	(5)
			MATH 16B	Calculus for Business and the Life and Social Sciences	(3)
			<u>OR</u>		
			MATH 3B	Calculus II	(5)
<u>OR</u>			<u>OR</u>		
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
<u>OR</u>			<u>OR</u>		
MATH 21A	Calculus	(4)	MATH 3A	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 3B	Calculus II	(5)
<hr/>					
PHYSICS 10	Topics,Nonscientists	(4)	PHYS 10	Introduction to Physics	(4)
<u>OR</u>			<u>OR</u>		
PHYSICS 10C	Physics of California	(3)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		

OR				OR			
h) PHYSICS 7A	General Physics	(4)		PHYS 3A <u>&</u>	General Physics	(5)	
				PHYS 3B	General Physics	(5)	
h) PHYSICS 7B	General Physics	(4)		PHYS 3A <u>&</u>	General Physics	(5)	
				PHYS 3B	General Physics	(5)	

It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

BIOLSCI 2A	Intro Biology:Life on Earth	(5)		BIOL 1A	General Biology	(5)	
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL 1B	General Biology	(5)	
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOL 1A <u>&</u>	General Biology	(5)	
				BIOL 1B	General Biology	(5)	

CHEM 2A	Genl Chemistry	(5)		CHEM 1A	General Chemistry	(5)	
CHEM 2B	Genl Chemistry	(5)		CHEM 1A <u>&</u>	General Chemistry	(5)	
				CHEM 1B	General Chemistry	(5)	

CHEM 8A	Organic Chem-Brief	(2)		NO COMPARABLE COURSE			
CHEM 8B	Organic Chem-Brief	(4)		NO COMPARABLE COURSE			
OR				OR			
CHEM 118A	Org Chem, Hlth & Sci	(4)		CHEM 12A	Organic Chemistry	(5)	
CHEM 118B	Org Chem, Hlth & Sci	(4)		CHEM 12A <u>&</u>	Organic Chemistry	(5)	
				CHEM 12B	Organic Chemistry	(5)	
OR				OR			
CHEM 128A	Organic Chemistry	(3)		CHEM 12A	Organic Chemistry	(5)	
CHEM 128B	Organic Chemistry	(3)		CHEM 12A <u>&</u>	Organic Chemistry	(5)	
				CHEM 12B	Organic Chemistry	(5)	

END OF MAJOR

h) **This articulation is series-for-series only.**

====Psychology B.S. (Quantitative)====

Special Advising Note:

REQUIREMENTS FOR ADMISSION:

(for 2018-19)

This major is selective and requires preparatory coursework for admission. Any required courses that are offered at your current campus must be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses are not offered at your college, you must complete them after enrolling at UC Davis.

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.90 for the course group. It is recommended that candidates have a cumulative GPA of at least 2.90 for courses in the group below that have been completed by the time of application and maintain the GPA through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

Psychology 1;
Statistics 13;
One of these two options:
Biological Sciences 2A
or
Biological Sciences 10 and one course from:
Anthropology 1 or
Molecular and Cellular Biology 10 or
Neurobiology, Physiology and Behavior 10

Applicants to psychology apply to the major without reference to A.B. or B.S. degrees or emphases, which are chosen after enrollment at UC Davis. Transfer students are advised that although requirements for admission (listed above) in the psychology major are the same for the A.B. and B.S. degree options, lower-division preparation for graduation in the major may vary based on the degree and emphasis. Students are encouraged to view coursework for the A.B. degree and the B.S. degree with available biological and quantitative emphases.

Although not required for admission selection to the psychology major, it is highly recommended that students planning for a B.S. degree in psychology complete courses comparable to the UC Davis chemistry courses that apply to the student's degree and emphasis before enrolling at UC Davis.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete the minimum 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 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.

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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

PSYCH 41	Research Methods	(4)	PSYCH 28	General Psychology Introduction to Research Methods in Psychology	(3)
STATIST 13	Elementary Statistics	(4)	MATH 13	Introduction to Statistics	(4)
Same as: STATIST 13Y					
MATH 21A	Calculus	(4)	MATH 3A	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 3B	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 3C	Calculus III	(5)
ENG CS 36A	Programming	(4)	CIS 6	Introduction to Computer Programming	(5)
Formerly ENG CS 30					
OR			OR		
ENG CS 32A	Intro to Programming	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
Formerly ENG CS 10					

Please note that the community college's computer science courses may not be identical to UC Davis courses. Community college students, upon transfer to UC Davis, may need to make up any topic or language deficiencies.

CHEM 10	Concept of Chem	(4)	NO COMPARABLE COURSE		
OR			OR		
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
OR			CHEM 1B	General Chemistry	(5)
OR			OR		
CHEM 2AH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
CHEM 2BH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
PHYSICS 10	Topics, Nonscientists	(4)	PHYS 10	Introduction to Physics	(4)
OR			OR		
PHYSICS 10C	Physics of California	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
OR			OR		
h) PHYSICS 7A	General Physics	(4)	PHYS 3A &	General Physics	(5)
			PHYS 3B	General Physics	(5)
h) PHYSICS 7B	General Physics	(4)	PHYS 3A &	General Physics	(5)
			PHYS 3B	General Physics	(5)

It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 1A	General Biology	(5)
------------	---------------------------------	-----	---------	-----------------	-----

OR A COMBINATION OF

BIOLSCI 10	Everyday Biology	(4)	BIOL 10	Introduction to Biology	(4)
------------	------------------	-----	---------	-------------------------	-----

AND ONE COURSE FROM

ANTHRO 1	Human Evol Biol	(4)	ANTHR 1	Introduction to Physical Anthropology	(3)
OR			OR		
MOL&CB 10	Intro Human Heredity	(4)	NO COMPARABLE COURSE		

NE PH B 10	OR	Elem Human Physio	(3)	OR	NO COMPARABLE COURSE
END OF MAJOR					

h) **This articulation is series-for-series only.**

===Religious Studies A.B.===

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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

ONE COURSE FROM THE FOLLOWING:

REL STD 1	Survey of Religion	(4)	HUMAN 40	Religions of the World (3)
REL STD 1A	Pilgrimage	(4)	NO COMPARABLE COURSE	
REL STD 1B	Death and Afterlife	(4)	NO COMPARABLE COURSE	

REL STD 1C	Sacrifice	(4)	NO COMPARABLE COURSE
REL STD 1D	Conversion	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
REL STD 1E	Fundamentalism	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
REL STD 1F	Religion Today	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
REL STD 1G	Myth Ritual Symbol	(4)	NO COMPARABLE COURSE
REL STD 1H	Sex, Marriage, Divorce	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
REL STD 1J	Music, Voice, Word	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation

FOUR COURSES FROM THE FOLLOWING:

REL STD 5	Comparative Religion	(2)	NO COURSE ARTICULATED
REL STD 6	Intro Health Humanities	(4)	NO COURSE ARTICULATED
REL STD 10	Contemporary Ethical Issues	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
REL STD 10A	Contemporary Ethical Issues	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
REL STD 11	Ethical Eating	(4)	NO COURSE ARTICULATED:College has not submitted course(s)for articulation
REL STD 12	Emergence Abrahamic Religions	(4)	NO COURSE ARTICULATED:College has not submitted course(s)for articulation
REL STD 21	The Bible	(4)	NO COMPARABLE COURSE
REL STD 23	Intro Judaism	(4)	NO COMPARABLE COURSE
REL STD 30	South Asian Religions	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
REL STD 40	New Testament	(4)	NO COMPARABLE COURSE
REL STD 42	Religion and Sci Fiction	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
REL STD 45	Christianity	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
REL STD 60	Introduction to Islam	(4)	NO COMPARABLE COURSE
REL STD 65C	The Qur'an and Its Interpretation	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
REL STD 67	Modern Hinduism	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
REL STD 68	Hinduism	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
REL STD 69	Intro Hindu Mythology	(4)	NO COURSE ARTICULATED:College has not submitted course(s)for articulation
REL STD 70	Religion and Language	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
REL STD 75	Introduction to Chinese Philosophy	(4)	NO COMPARABLE COURSE
REL STD 80	Religion, Gender, Sex	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

A reading knowledge of a foreign language is highly recommended.

END OF MAJOR

====Russian A.B.====

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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

Students with only one year or less of Russian at the community college level should consult with an advisor in the Russian Department at UC Davis before continuing on with the Russian series.

RUSSIAN 1	Elementary Russian	(5)	NO COMPARABLE COURSE
RUSSIAN 2	Elementary Russian	(5)	NO COMPARABLE COURSE
RUSSIAN 3	Elementary Russian	(5)	NO COMPARABLE COURSE
RUSSIAN 4	Intermed Russian	(4)	NO COMPARABLE COURSE
RUSSIAN 5	Intermed Russian	(4)	NO COMPARABLE COURSE
RUSSIAN 6	Intermed Russian	(4)	NO COMPARABLE COURSE

END OF MAJOR

====Science & Technology Studies A.B.====

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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

SCI&TEC 1	Intro Sci & Tech Std	(4)	NO COMPARABLE COURSE
SCI&TEC 20	Sci & Tec Std Methods	(4)	NO COMPARABLE COURSE

8 QUARTER UNITS FROM THE FOLLOWING:

AMR STD 1A	Science and American Culture	(4)	NO COMPARABLE COURSE
AMR STD 1E	Nat&Cult Amr	(4)	NO COMPARABLE COURSE
AMR STD 5	Tech in Amr Lives	(4)	NO COMPARABLE COURSE
ENV S&P 1	Env Analysis	(4)	BIOL 13 Principles of Ecology (3)
HUMAN 3	Medicine & Humanities	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PHILOS 30	Intro Philos of Sci	(4)	NO COMPARABLE COURSE
PHILOS 31	Scientific Reason	(4)	NO COMPARABLE COURSE
PHILOS 32	Scientific Change	(4)	NO COMPARABLE COURSE
SCI&SOC 1	Critical Inquiry into Contemporary Issues	(4)	NO COMPARABLE COURSE
SCI&SOC 2	Feeding the Planet	(3)	NO COMPARABLE COURSE
SCI&SOC 3	Sci,Tech&Society	(4)	NO COMPARABLE COURSE
SCI&SOC 5	Discovery:Sci & Soc	(3)	NO COMPARABLE COURSE
SCI&TEC 32	Drugs, Science and Culture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
Same as: ANTHRO 32			

4 quarter units of lower-division science courses from the Approved Science Electives list. To see the list, click on <http://sts.ucdavis.edu/undergraduate/sts-major-requirements>

END OF MAJOR

====Sociology A.B.====

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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

SOCIOL 1	Intro Sociology	(5)		SOC 1	Introduction to Sociology	(3)
SOCIOL 46A	Intro Social Rsch	(4)		SOC 120	Introduction to Research Methods	(3)

	AND		AND
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE

ONE COURSE FROM THE FOLLOWING:

SOCIOL 2	Self and Society	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
SOCIOL 3	Social Problems	(4)	SOC 2 Social Problems (3)
SOCIOL 4	Immigrtn & Opprtnty	(4)	NO COMPARABLE COURSE
SOCIOL 5	Global Soc Change	(4)	POSCI 20 Global Issues (3)
SOCIOL 11	Sociology of Labor and Employment	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
SOCIOL 25	Popular Culture	(4)	NO COMPARABLE COURSE
SOCIOL 30A	Multicultural Societies	(3)	NO COMPARABLE COURSE
SOCIOL 30B	Multicultural Societies	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

ONE COURSE FROM THE FOLLOWING:

ANTHRO 2	Cultural Anthropology	(5)	ANTHR 3 Introduction to Social and Cultural Anthropology (3)
	OR		OR
ANTHRO 20	Comparative Cultures	(4)	NO COMPARABLE COURSE

ONE COURSE FROM THE FOLLOWING:

HISTORY 4A	Western Civ	(4)	NO COMPARABLE COURSE
HISTORY 4B	Western Civ	(4)	HIST 2A & History of European Civilization (3)
			HIST 2B History of European Civilization (3)
HISTORY 4C	Western Civ	(4)	HIST 2B History of European Civilization (3)
HISTORY 6	Intro to Middle East	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HISTORY 7A	Latin America to 1700	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HISTORY 7B	Latin America 1700-1900	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HISTORY 7C	Latin America 1900-Present	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HISTORY 8	Indian Civilization	(4)	NO COMPARABLE COURSE
HISTORY 9A	East Asian Civ	(4)	NO COMPARABLE COURSE
HISTORY 9B	East Asian Civ	(4)	NO COMPARABLE COURSE
HISTORY 10C	World History III	(4)	HIST 3B Modern World History: 1500-Present (3)
HISTORY 15A	Africa to 1900	(4)	NO COURSE ARTICULATED
HISTORY 15B	Africa Today	(4)	NO COURSE ARTICULATED
HISTORY 17A	U.S. History	(4)	HIST 7A History of the United States (to 1877) (3)
HISTORY 17B	U.S. History	(4)	HIST 7B History of the United States (since 1865) (3)

ONE COURSE FROM THE FOLLOWING:

PHILOS 5	Critical Reasoning	(4)	PHIL 10 Logic (3)
f) PHILOS 14	Eth Soc Prob in Soc	(4)	HUMAN 30A Human Values - Ethics (3)
			Same as:
			OR
			PHIL 31A Human Values - Ethics (3)
			Same as:
PHILOS 24	Intro to Ethics	(4)	HUMAN 30A Human Values - Ethics (3)

SOCIOL 5	Global Soc Change	(4)	POSCI 20	Global Issues	(3)
SOCIOL 46A	Intro Social Rsch	(4)	SOC 120	Introduction to Research Methods	(3)
	AND			AND	
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE		
ECON 1B	Princ of Macroecon	(4)	ECON 1	Principles of Economics (Macro-Economics)	(3)
ANTHRO 2	Cultural Anthropology	(5)	ANTHR 3	Introduction to Social and Cultural Anthropology	(3)
	OR			OR	
ANTHRO 20	Comparative Cultures	(4)	NO COMPARABLE COURSE		
HISTORY 10C	World History III	(4)	HIST 3B	Modern World History: 1500-Present	(3)
	OR			OR	
POL SCI 2	Intro Comp Politics	(4)	POSCI 2	Comparative Government	(3)

Course work in one modern foreign language at the two-year level, or provide proof of proficiency (27-30 quarter units).

END OF MAJOR

====Sociology A.B. (Law & Society)====

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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis

academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

SOCIOL 1	Intro Sociology	(5)	SOC 1	Introduction to Sociology	(3)
SOCIOL 3	Social Problems	(4)	SOC 2	Social Problems	(3)
	OR			OR	
SOCIOL 4	Immigrtn & Opprtnty	(4)		NO COMPARABLE COURSE	
	OR			OR	
SOCIOL 11	Sociology of Labor and Employment	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
SOCIOL 46A	Intro Social Rsch	(4)	SOC 120	Introduction to Research Methods	(3)
	AND			AND	
SOCIOL 46B	Intro Social Rsch	(5)		NO COMPARABLE COURSE	

4 QUARTER UNITS FROM THE FOLLOWING:

ANTHRO 2	Cultural Anthropology	(5)	ANTHR 3	Introduction to Social and Cultural Anthropology	(3)
ANTHRO 20	Comparative Cultures	(4)		NO COMPARABLE COURSE	
POL SCI 1	Amer Natl Govt	(4)	POSCI 1	Government and Politics in the United States	(3)
POL SCI 3	Internatl Relations	(4)	POSCI 3	International Relations	(3)
			OR		
POL SCI 4	Bas Cnpt/Pol Thry	(4)	POSCI 20	Global Issues	(3)
POL SCI 7	Law & Politics	(4)	POSCI 4	Political Theory	(3)
				NO COMPARABLE COURSE	

4 QUARTER UNITS FROM THE FOLLOWING:

HISTORY 4A	Western Civ	(4)		NO COMPARABLE COURSE	
HISTORY 4B	Western Civ	(4)	HIST 2A &	History of European Civilization	(3)
			HIST 2B	History of European Civilization	(3)
HISTORY 4C	Western Civ	(4)	HIST 2B	History of European Civilization	(3)
HISTORY 6	Intro to Middle East	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
HISTORY 7A	Latin America to 1700	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
HISTORY 7B	Latin America 1700-1900	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
HISTORY 7C	Latin America 1900-Present	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	

HISTORY 8	Indian Civilization	(4)	NO COMPARABLE COURSE	
HISTORY 9A	East Asian Civ	(4)	NO COMPARABLE COURSE	
HISTORY 9B	East Asian Civ	(4)	NO COMPARABLE COURSE	
HISTORY 10C	World History III	(4)	HIST 3B	Modern World History: (3) 1500-Present
HISTORY 15A	Africa to 1900	(4)	NO COURSE	ARTICULATED
HISTORY 15B	Africa Today	(4)	NO COURSE	ARTICULATED
HISTORY 17A	U.S. History	(4)	HIST 7A	History of the United (3) States (to 1877)
HISTORY 17B	U.S. History	(4)	HIST 7B	History of the United (3) States (since 1865)

PHILOS 5	Critical Reasoning	(4)	PHIL 10	Logic (3)
	OR			OR
f) PHILOS 14	Eth Soc Prob in Soc	(4)	HUMAN 30A	Human Values - Ethics (3)
			Same as:	
			OR	
			PHIL 31A	Human Values - Ethics (3)
			Same as:	
	OR			OR
PHILOS 24	Intro to Ethics	(4)	HUMAN 30A	Human Values - Ethics (3)
			Same as:	
			OR	
			PHIL 31A	Human Values - Ethics (3)
			Same as:	

END OF MAJOR

f) Students who complete HUMAN 30A at Berkeley City College will receive credit at UC Davis for PHILOS 14 or 24, not both.

====Sociology A.B. (Social Services)====

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](http://ucdavis.edu/transfer-admission). 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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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.

Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

SOCIOL 1	Intro Sociology	(5)		SOC 1	Introduction to Sociology	(3)
SOCIOL 2	Self and Society	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR				OR	
SOCIOL 3	Social Problems	(4)		SOC 2	Social Problems	(3)
SOCIOL 46A	Intro Social Rsch	(4)		SOC 120	Introduction to Research Methods	(3)
	AND				AND	
SOCIOL 46B	Intro Social Rsch	(5)		NO COMPARABLE COURSE		
PSYCH 1	General Psychology	(4)		PSYCH 1A	Introduction to General Psychology	(3)

6-8 QUARTER UNITS FROM THE FOLLOWING:

AF-AMST 10	Af-Am Culture & Soc	(4)		NO COMPARABLE COURSE		
AF-AMST 15	Intro Afro Amer Hum	(4)		NO COMPARABLE COURSE		
A A STD 1	Hist Exp Asian Am	(4)		NO COMPARABLE COURSE		
A A STD 2	Contemp Issues of Asian Americans	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHICANO 10	Intro to Chic Std	(4)		NO COMPARABLE COURSE		
CHICANO 50	Chicano Culture	(4)		NO COMPARABLE COURSE		
N A STD 1	Intro NA Studies	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
N A STD 10	NA Experience	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
SOCIOL 4	Immigrtn & Opprtnty	(4)		NO COMPARABLE COURSE		
SOCIOL 11	Sociology of Labor and Employment	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
SOCIOL 30A	Multicultural Societies	(3)		NO COMPARABLE COURSE		
SOCIOL 30B	Multicultural Societies	(3)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

END OF MAJOR

====Sociology-Organizational Studies A.B.====

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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

SOCIOL 1	Intro Sociology	(5)	SOC 1	Introduction to Sociology	(3)
	AND			AND	
SOCIOL 2	Self and Society	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		

SOCIOL 4	Immigrtn & Opprtnty	(4)	NO COMPARABLE COURSE		
	OR			OR	
SOCIOL 5	Global Soc Change	(4)	POSCI 20	Global Issues	(3)
	OR			OR	
SOCIOL 11	Sociology of Labor and Employment	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

SOCIOL 46A	Intro Social Rsch	(4)	SOC 120	Introduction to Research Methods	(3)
	AND			AND	
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE		

ECON 1A	Princ of Microecon	(4)	ECON 2	Principles of Economics (Micro-Economics)	(3)

AND			AND	
ECON 1B	Princ of Macroecon		ECON 1	Principles of Economics (3) (Macro-Economics)

END OF MAJOR

====Spanish A.B.====

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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

SPANISH 1	Elementary Spanish	(5)	SPAN 1A	Elementary Spanish	(5)
SPANISH 2	Elementary Spanish	(5)	SPAN 1A <u>&</u>	Elementary Spanish	(5)
			SPAN 1B	Elementary Spanish	(5)
SPANISH 3	Elementary Spanish	(5)	SPAN 1B	Elementary Spanish	(5)
SPANISH 21	Intm Spanish	(5)	SPAN 2A <u>&</u>	Intermediate Spanish	(5)
			SPAN 2B	Intermediate Spanish	(5)

SPANISH 22	Intm Spanish	(5)	SPAN 2A &	Intermediate Spanish	(5)
			SPAN 2B	Intermediate Spanish	(5)
SPANISH 23	Span Comp I	(4)	SPAN 2A &	Intermediate Spanish	(5)
			SPAN 2B	Intermediate Spanish	(5)
SPANISH 24	Span Comp II	(4)	SPAN 2A &	Intermediate Spanish	(5)
			SPAN 2B	Intermediate Spanish	(5)
	OR			OR	
SPANISH 31	Int Span Nat Spk I	(5)	NO COMPARABLE COURSE		
SPANISH 32	Int Span Nat Spk II	(5)	SPAN 22A	Spanish for Bilingual Speakers I	(5)
SPANISH 33	Int Span Nat Spk III	(5)	SPAN 22B	Spanish for Bilingual Speakers II	(5)

It is recommended that transfer students who have successfully completed a two-year sequence at the junior college level comparable to UC Davis Spanish 1 through 22 continue their study at UC Davis by taking Spanish 23. When available at the community college students are encouraged to complete courses comparable to Spanish 23 and 24. Students should consult a Spanish Department advisor at UC Davis upon enrollment.

LINGUIS 1	Intro Linguistics	(4)	ANTHR 18	Introduction to Anthropological Linguistics	(3)
-----------	-------------------	-----	----------	---	-----

END OF MAJOR

====Statistics A.B.====

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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

MATH 16A	Short Calculus	(3)	MATH 16A	Calculus for Business and the Life and Social Sciences	(3)
			OR		
MATH 16B	Short Calculus	(3)	MATH 3A	Calculus I	(5)
			MATH 16B	Calculus for Business and the Life and Social Sciences	(3)
			OR		
MATH 16C	Short Calculus	(3)	MATH 3B	Calculus II	(5)
			MATH 16B	Calculus for Business and the Life and Social Sciences	(3)
			OR		
	OR		MATH 3B	Calculus II	(5)
MATH 17A	Calculus for BioSci	(4)	OR		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR		OR		
MATH 21A	Calculus	(4)	MATH 3A	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 3B	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 3C	Calculus III	(5)
<hr/>					
MATH 22A	Linear Algebra	(3)	MATH 3E	Linear Algebra	(3)
<hr/>					
ENG CS 32A	Intro to Programming(4) Formerly ENG CS 10		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR		OR		
ENG CS 36A	Programming Formerly ENG CS 30	(4)	CIS 6	Introduction to Computer Programming	(5)
	OR		OR		
ENG CS 36B	Object-Oriented Program Formerly ENG CS 40	(4)	CIS 25	Object Orientated Programming Using C++	(4)
			OR		
			CIS 36A	Java Programming Language I	(4)
			OR		
			CIS 36B	Java Programming Language II	(4)

Please note that the community college's computer science courses may not be identical to UC Davis courses. Community college students, upon transfer to UC Davis, may need to make up any topic or language deficiencies.

STATIST 32 Gateway to Data Science (4) | NO COMPARABLE COURSE

END OF MAJOR

====Statistics B.S. (Applied Statistics Option)====

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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

MATH 16A	Short Calculus	(3)	MATH 16A	Calculus for Business and the Life and Social Sciences	(3)
			OR		
MATH 16B	Short Calculus	(3)	MATH 3A	Calculus I	(5)
			MATH 16B	Calculus for Business and the Life and Social Sciences	(3)
			OR		
MATH 16C	Short Calculus	(3)	MATH 3B	Calculus II	(5)
			MATH 16B	Calculus for Business and the Life and Social Sciences	(3)
			OR		
			MATH 3B	Calculus II	(5)

OR			OR		
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
OR			OR		
MATH 21A	Calculus	(4)	MATH 3A	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 3B	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 3C	Calculus III	(5)

NOTE: THE MATH 21A,B,C SERIES IS RECOMMENDED IF AVAILABLE

MATH 22A	Linear Algebra	(3)	MATH 3E	Linear Algebra	(3)

ENG CS 32A	Intro to Programming	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
	Formerly ENG CS 10				
OR			OR		
ENG CS 36A	Programming	(4)	CIS 6	Introduction to Computer Programming	(5)
	Formerly ENG CS 30				
OR			OR		
ENG CS 36B	Object-Oriented Program	(4)	CIS 25	Object Orientated Programming Using C++	(4)
	Formerly ENG CS 40				
			OR		
			CIS 36A	Java Programming Language I	(4)
			OR		
			CIS 36B	Java Programming Language II	(4)

Please note that the community college's computer science courses may not be identical to UC Davis courses. Community college students, upon transfer to UC Davis, may need to make up any topic or language deficiencies.

AND ONE COURSE FROM

STATIST 12	Discrete Probabil	(4)	NO COMPARABLE COURSE		
STATIST 13	Elementary Statistics	(4)	MATH 13	Introduction to Statistics	(4)
	Same as: STATIST 13Y				
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		

PLUS TWO INTRODUCTORY COURSES SERVING AS THE PREREQUISITE TO UPPER DIVISION COURSES IN A CHOSEN DISCIPLINE TO WHICH STATISTICS IS APPLIED.

END OF MAJOR

====Statistics B.S. (Computational Statistics Option)====

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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

MATH 21A	Calculus	(4)	MATH 3A	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 3B	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 3C	Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH 3C	Calculus III	(5)
MATH 22A	Linear Algebra	(3)	MATH 3E	Linear Algebra	(3)
<hr/>					
ENG CS 36C	Data Structures	(4)	CIS 27	Data Structure and Algorithms	(4)

Please note that the community college's computer science courses may not be identical to UC Davis courses. Community college students, upon transfer to UC Davis, may need to make up any topic or language deficiencies.

AND ONE COURSE FROM

STATIST 12	Discrete Probabil	(4)	NO COMPARABLE COURSE	
STATIST 13	Elementary Statistics	(4)	MATH 13	Introduction to Statistics (4)
Same as: STATIST 13Y				
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE	

END OF MAJOR

====Statistics B.S. (General Statistics Option)====

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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

MATH 21A	Calculus	(4)	MATH 3A	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 3B	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 3C	Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH 3C	Calculus III	(5)

MATH 22A	Linear Algebra	(3)	MATH 3E	Linear Algebra	(3)
	OR			OR	
MATH 67	Modern Linear Algebra	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

MATH 25	Advanced Calculus	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

ENG CS 32A	Intro to Programming(4)		NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
	Formerly ENG CS 10				
	OR		OR		
ENG CS 36A	Programming	(4)	CIS 6	Introduction to Computer	(5)
	Formerly ENG CS 30			Programming	
	OR		OR		
ENG CS 36B	Object-Oriented Program	(4)	CIS 25	Object Orientated	(4)
	Formerly ENG CS 40			Programming Using C++	
			OR		
			CIS 36A	Java Programming	(4)
				Language I	
			OR		
			CIS 36B	Java Programming	(4)
				Language II	

Please note that the community college's computer science courses may not be identical to UC Davis courses. Community college students, upon transfer to UC Davis, may need to make up any topic or language deficiencies.

AND ONE COURSE FROM

STATIST 13	Elementary Statistics	(4)	MATH 13	Introduction to	(4)
Same as: STATIST 13Y				Statistics	
STATIST 12	Discrete Probabil	(4)	NO COMPARABLE COURSE		
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		

====Statistics B.S. (Statistical Data Science Track)====

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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

MATH 21A	Calculus	(4)	MATH 3A	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 3B	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 3C	Calculus III	(5)

MATH 21D	Vector Analysis	(4)	MATH 3C	Calculus III	(5)
MATH 22A	Linear Algebra	(3)	MATH 3E	Linear Algebra	(3)
<hr/>					
ENG CS 32A	Intro to Programming	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	Formerly ENG CS 10				
	OR			OR	
ENG CS 36A	Programming	(4)	CIS 6	Introduction to Computer Programming	(5)
	Formerly ENG CS 30				
	OR			OR	
ENG CS 36B	Object-Oriented Program	(4)	CIS 25	Object Orientated Programming Using C++	(4)
	Formerly ENG CS 40				
			OR		
			CIS 36A	Java Programming Language I	(4)
			OR		
			CIS 36B	Java Programming Language II	(4)
<hr/>					
STATIST 12	Discrete Probabil	(4)	NO COMPARABLE COURSE		
	OR			OR	
STATIST 13	Elementary Statistics	(4)	MATH 13	Introduction to Statistics	(4)
	Same as: STATIST 13Y				
	OR			OR	
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		

END OF MAJOR

====Sustainable Agriculture and Food Systems B.S.====

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. See the [UC Transfer Admission website](#) for details. UC Davis requires that students complete the minimum transfer admission requirement 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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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 (A&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 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (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 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC 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. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

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 Transfer Admission website](#). The courses used for the A&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 CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

COMUNCN 1	Intro Public Spkg	(4)	COMM 45	Public Speaking	(3)
PL SCI 15	Intro Sustainable Agriculture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CM&RGDE 20	Food Systems	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
PL PATH 40	Edible Mushroom Cult	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR	
PL SCI 49	Org Crop Prod Prac	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

Select one of the following courses:

AN SCI 41L	Domest An Prod Lab	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
------------	--------------------	-----	---	--	--

AN SCI 49A	Animal Prac/Aquaculture	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
AN SCI 49B	Animal Prac/Beef	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
AN SCI 49C	Animal Prac/Dairy	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
AN SCI 49D	Animal Prac/Goats	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
AN SCI 49E	Animal Prac/Horses	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
AN SCI 49F	Animal Prac/Lab Animals	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
AN SCI 49G	Animal Prac/Meats	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
AN SCI 49H	Animal Prac/Poultry	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
AN SCI 49I	Animal Prac/Sheep	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
AN SCI 49J	Animal Prac/Swine	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation

ABIOSYT 49	Fld Equip Oper	(2)	NO COMPARABLE COURSE
	OR		OR
ABIOSYT 52	Field Equip Welding	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation

PLUS CHOOSE ONE OF THE FOLLOWING THREE TRACKS:

TRACK I: AGRICULTURE AND ECOLOGY

MATH 16A	Short Calculus	(3)	MATH 16A	Calculus for Business and the Life and Social Sciences	(3)
			OR		
MATH 16B	Short Calculus	(3)	MATH 3A	Calculus I	(5)
			MATH 16B	Calculus for Business and the Life and Social Sciences	(3)
			OR		
			MATH 3B	Calculus II	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry	(5)

PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
<hr/>					
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1B	General Biology	(5)

PL SCI 2	Bot Physio Cul Plt	(4)	NO COMPARABLE COURSE		

AN SCI 1	Domest Ani & People	(4)	NO COMPARABLE COURSE		
	OR		OR		
AN SCI 2	Intro Animal Sci	(4)	NO COMPARABLE COURSE		

FD S&T 1	Food Sci Principles	(3)	NO COMPARABLE COURSE		

ECON 1A	Princ of Microecon	(4)	ECON 2	Principles of Economics	(3)
				(Micro-Economics)	

CM&RGDE 1	The Community	(4)	NO COMPARABLE COURSE		

f) PHILOS 14	Eth Soc Prob in Soc	(4)	HUMAN 30A	Human Values - Ethics	(3)

			Same as: <u>OR</u>	
			PHIL 31A	Human Values - Ethics (3)
			Same as:	
	<u>OR</u>			<u>OR</u>
PHILOS 15	Intro to Bioethics	(4)	NO COMPARABLE COURSE	
	<u>OR</u>			<u>OR</u>
PHILOS 24	Intro to Ethics	(4)	HUMAN 30A	Human Values - Ethics (3)
			Same as:	
			<u>OR</u>	
			PHIL 31A	Human Values - Ethics (3)
			Same as:	

ANTHRO 2	Cultural Anthropology	(5)	ANTHR 3	Introduction to Social (3) and Cultural Anthropology
	<u>OR</u>			<u>OR</u>
POL SCI 4	Bas Cnpt/Pol Thry	(4)	POSCI 4	Political Theory (3)
	<u>OR</u>			<u>OR</u>
SOCIOL 1	Intro Sociology	(5)	SOC 1	Introduction to Sociology (3)
	<u>OR</u>			<u>OR</u>
SOCIOL 3	Social Problems	(4)	SOC 2	Social Problems (3)

TRACK II: FOOD AND SOCIETY

PHILOS 5	Critical Reasoning	(4)	PHIL 10	Logic (3)
	<u>OR</u>			<u>OR</u>
PHILOS 31	Scientific Reason	(4)	NO COMPARABLE COURSE	

f) PHILOS 14	Eth Soc Prob in Soc	(4)	HUMAN 30A	Human Values - Ethics (3)
			Same as:	
			<u>OR</u>	
			PHIL 31A	Human Values - Ethics (3)
			Same as:	
	<u>OR</u>			<u>OR</u>
PHILOS 15	Intro to Bioethics	(4)	NO COMPARABLE COURSE	
	<u>OR</u>			<u>OR</u>
PHILOS 24	Intro to Ethics	(4)	HUMAN 30A	Human Values - Ethics (3)
			Same as:	
			<u>OR</u>	
			PHIL 31A	Human Values - Ethics (3)
			Same as:	

SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE	
	<u>OR</u>			<u>OR</u>
STATIST 13	Elementary Statistics	(4)	MATH 13	Introduction to (4) Statistics
	Same as: STATIST 13Y			

CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry (5)
---------	----------------	-----	---------	-----------------------

BIOLSCI 10	Everyday Biology	(4)	BIOL 10	Introduction to Biology (4)
------------	------------------	-----	---------	-----------------------------

PL SCI 2	Bot Physio Cul Plt	(4)	NO COMPARABLE COURSE	
----------	--------------------	-----	----------------------	--

BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1B	General Biology (5)
------------	---------------------------------------	-----	---------	---------------------

	<u>OR</u>			<u>OR</u>
ENV S&P 1	Env Analysis	(4)	BIOL 13	Principles of Ecology (3)
	<u>OR</u>			<u>OR</u>

ENV S&P 30	Global Ecosystem	(3)	NO COMPARABLE COURSE	
	Same as: ENV SC&M 30			

	<u>OR</u>			<u>OR</u>
W&F BIO 10	Wildl Ecol Conserve	(4)	NO COMPARABLE COURSE	

W&F BIO 51	OR Intro to Conservation Biology	(3)	OR NO COURSE ARTICULATED: College has not submitted course(s) for articulation
FD S&T 1	Food Sci Principles	(3)	NO COMPARABLE COURSE
SOILSCI 10	Soils in Our Environment	(3)	NO COMPARABLE COURSE
ECON 1A	Princ of Microecon	(4)	ECON 2 Principles of Economics (3) (Micro-Economics)
POL SCI 4	Bas Cnpt/Pol Thry	(4)	POSCI 4 Political Theory (3)
ANTHRO 2	Cultural Anthropology	(5)	ANTHR 3 Introduction to Social (3) and Cultural Anthropology
SOCIOL 1	OR Intro Sociology	(5)	OR SOC 1 Introduction to Sociology (3)
SOCIOL 3	OR Social Problems	(4)	OR SOC 2 Social Problems (3)
CM&RGDE 1	The Community	(4)	NO COMPARABLE COURSE
CM&RGDE 2	Ethnicity Amer Comm	(4)	NO COMPARABLE COURSE

TRACK III: ECONOMICS AND POLICY

MATH 16A	Short Calculus	(3)	MATH 16A Calculus for Business (3) and the Life and Social Sciences
MATH 16B	Short Calculus	(3)	OR MATH 3A Calculus I (5) MATH 16B Calculus for Business (3) and the Life and Social Sciences
			OR MATH 3B Calculus II (5)
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE
STATIST 13	OR Elementary Statistics Same as: STATIST 13Y	(4)	OR MATH 13 Introduction to (4) Statistics
CHEM 2A	Genl Chemistry	(5)	CHEM 1A General Chemistry (5)
BIOLSCI 10	Everyday Biology	(4)	BIOL 10 Introduction to Biology (4)
PL SCI 2	Bot Physio Cul Plt	(4)	NO COMPARABLE COURSE
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1B General Biology (5)
ENV S&P 1	OR Env Analysis	(4)	OR BIOL 13 Principles of Ecology (3)
ENV S&P 30	OR Global Ecosystem Same as: ENV SC&M 30	(3)	OR NO COMPARABLE COURSE
W&F BIO 10	OR Wildl Ecol Conserve	(4)	OR NO COMPARABLE COURSE
W&F BIO 51	OR Intro to Conservation Biology	(3)	OR NO COURSE ARTICULATED: College has not submitted course(s) for articulation
FD S&T 1	Food Sci Principles	(3)	NO COMPARABLE COURSE

SOILSCI 10	Soils in Our Environment	(3)	NO COMPARABLE COURSE
ECON 1A	Princ of Microecon	(4)	ECON 2 Principles of Economics (3) (Micro-Economics)
ECON 1B	Princ of Macroecon	(4)	ECON 1 Principles of Economics (3) (Macro-Economics)
POL SCI 4	Bas Cnpt/Pol Thry	(4)	POSCI 4 Political Theory (3)
ANTHRO 2	Cultural Anthropology	(5)	ANTHR 3 Introduction to Social (3) and Cultural Anthropology
	OR		OR
SOCIOL 1	Intro Sociology	(5)	SOC 1 Introduction to Sociology (3)
	OR		OR
SOCIOL 3	Social Problems	(4)	SOC 2 Social Problems (3)
CM&RGDE 1	The Community	(4)	NO COMPARABLE COURSE
f) PHILOS 14	Eth Soc Prob in Soc	(4)	HUMAN 30A Human Values - Ethics (3) Same as: OR PHIL 31A Human Values - Ethics (3) Same as: OR
	OR		OR
PHILOS 15	Intro to Bioethics	(4)	NO COMPARABLE COURSE
	OR		OR
PHILOS 24	Intro to Ethics	(4)	HUMAN 30A Human Values - Ethics (3) Same as: OR PHIL 31A Human Values - Ethics (3) Same as:

END OF MAJOR

f) Students who complete HUMAN 30A at Berkeley City College will receive credit at UC Davis for PHILOS 14 or 24, not both.

====Sustainable Environmental Design B.S.====

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](http://ucdavis.edu/transfer-admission). 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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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 (A&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 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (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 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC 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. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

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 Transfer Admission website](#). The courses used for the A&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 CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

COMUNCN 1	Intro Public Spkg	(4)	COMM 45	Public Speaking	(3)
ENGLISH 3	Intro to Lit	(4)	ENGL 1B	Composition and Reading	(4)
	OR			OR	
UWRITING 1	Expository Writing	(4)	ENGL 1A	Composition and Reading	(4)

OR				OR
UWRITING 48	Style in the Essay	(4)	NO COMPARABLE COURSE	
Formerly UWRITING 18				
OR			OR	
UWRITING 49	Writing Research Papers	(4)	NO COMPARABLE COURSE	
Formerly UWRITING 19				
<hr/>				
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1B	General Biology (5)
<hr/>				

ALL OF THE FOLLOWING COURSES:

LND ARC 1	Intro Environ Design	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
LND ARC 2	Place,Culture,Community	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
LND ARC 3	Sustainable Development	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
LND ARC 21	Landscape Rep I	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
Formerly Design Visualization			
LND ARC 30	History Environ Design	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
LND ARC 50	Site Ecology	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
LND ARC 70	Intro to Spacemaking	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

AND ONE COURSE IN A PHYSICAL SCIENCE

END OF MAJOR

====Textiles and Clothing B.S. (Marketing/Economics)====

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

The undergraduate major Textiles and Clothing in the College of Agricultural and Environmental Sciences is suspended for 2019-20, and fall 2019 TAGs will not be available.

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. See the [UC Transfer Admission website](http://ucdavis.edu/transfer) for details. UC Davis requires that students complete the minimum transfer admission requirement 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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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 (A&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 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (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 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC 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. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

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 Transfer Admission website](#). The courses used for the A&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 CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

PL SCI 21	Computers in Technology	(3)	NO COMPARABLE COURSE	
	OR			OR
B) ENG CS 15	Intro to Computers	(4)	CIS 1	Introduction to Computer Information Systems (4)
			OR	
			CIS 5	Introduction to Computer Science (5)
	OR			OR
ENG CS 36A	Programming	(4)	CIS 6	Introduction to Computer (5)

Please note that the community college's computer science courses may not be identical to UC Davis courses. Community college students, upon transfer to UC Davis, may need to make up any topic or language deficiencies.

ECON 1A	Princ of Microecon	(4)	ECON 2	Principles of Economics (3) (Micro-Economics)
ECON 1B	Princ of Macroecon	(4)	ECON 1	Principles of Economics (3) (Macro-Economics)

4 QUARTER UNITS FROM THE FOLLOWING:

ANTHRO 2	Cultural Anthropology	(5)	ANTHR 3	Introduction to Social (3) and Cultural Anthropology
	OR			OR
SCI&SOC 1	Critical Inquiry into Contemporary Issues	(4)	NO COMPARABLE COURSE	
	OR			OR
ARTHI 1A	Ancient Mediterranean Art	(4)	NO COMPARABLE COURSE	
	OR			OR
ARTHI 1B	Mediev&Renaiss Art	(4)	NO COMPARABLE COURSE	
	OR			OR
ARTHI 1C	Baroque to Modern Art	(4)	NO COMPARABLE COURSE	
	OR			OR
ARTHI 1D	Arts of Asia	(4)	NO COMPARABLE COURSE	

ALL OF THE FOLLOWING COURSES:

PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE	
	OR			OR
PHYSICS 10	Topics, Nonscientists	(4)	PHYS 10	Introduction to Physics (4)
PSYCH 1	General Psychology	(4)	PSYCH 1A	Introduction to (3) General Psychology
SOCIOL 2	Self and Society	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
STATIST 13	Elementary Statistics	(4)	MATH 13	Introduction to (4) Statistics
	Same as: STATIST 13Y			
TEX&CL 6	Intro Textiles	(4)	NO COMPARABLE COURSE	
TEX&CL 7	Style & Cult Std	(4)	NO COMPARABLE COURSE	
TEX&CL 8	Textile Apparel Ind	(4)	NO COMPARABLE COURSE	
MGMT 11A	Elem Accounting	(4)	BUS 1A & Financial Accounting	(4)
			BUS 1B Managerial Accounting	(4)
MGMT 11B	Elem Accounting	(4)	NO COMPARABLE COURSE	
CHEM 10	Concept of Chem	(4)	NO COMPARABLE COURSE	
	OR			OR
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry (5)
MATH 16A	Short Calculus	(3)	MATH 16A	Calculus for Business (3) and the Life and Social Sciences
			OR	
			MATH 3A	Calculus I (5)
MATH 16B	Short Calculus	(3)	MATH 16B	Calculus for Business (3) and the Life and

			Social Sciences	
		<u>OR</u>		
	MATH 3B		Calculus II	(5)

RESTRICTED ELECTIVES (12 QUARTER UNITS):

AGRESEC 18	Business Law	(4)	BUS 2	Introduction to Business Law	(3)
DESIGN 77	Intro to Fashion Design	(4)	NO COMPARABLE COURSE		
MATH 16C	Short Calculus	(3)	MATH 16B	Calculus for Business and the Life and Social Sciences	(3)
			<u>OR</u>		
			MATH 3B	Calculus II	(5)

Foreign language units may be used to satisfy any or all of the required 12 units.

END OF MAJOR

B) UCD ENG CS 15 not intended for Computer Science or Computer Science Engineering majors. Only two units of credit allowed to students who have completed PLT SCI 21.

====Textiles and Clothing B.S. (Textile Science)====

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

The undergraduate major Textiles and Clothing in the College of Agricultural and Environmental Sciences is suspended for 2019-20, and fall 2019 TAGs will not be available.

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. See the [UC Transfer Admission website](#) for details. UC Davis requires that students complete the minimum transfer admission requirement 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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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.

Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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 (A&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 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (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 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC 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. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

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 Transfer Admission website](#). The courses used for the A&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 CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

PL SCI 21	Computers in Technology	(3)	NO COMPARABLE COURSE	
	OR			OR
B) ENG CS 15	Intro to Computers	(4)	CIS 1	Introduction to Computer Information Systems (4)
			OR	
			CIS 5	Introduction to Computer Science (5)
	OR			OR
ENG CS 36A	Programming	(4)	CIS 6	Introduction to Computer Programming (5)
Formerly ENG CS 30				

Please note that the community college's computer science courses may not be identical to UC Davis courses. Community college students, upon transfer to UC Davis, may need to make up any topic or language

deficiencies.

ECON 1A	Princ of Microecon	(4)	ECON 2	Principles of Economics (3)
				(Micro-Economics)
ECON 1B	Princ of Macroecon	(4)	ECON 1	Principles of Economics (3)
				(Macro-Economics)

4 QUARTER UNITS FROM THE FOLLOWING:

ANTHRO 2	Cultural Anthropology	(5)	ANTHR 3	Introduction to Social (3)
				and Cultural Anthropology
	OR			OR
SCI&SOC 1	Critical Inquiry into Contemporary Issues	(4)	NO COMPARABLE COURSE	
	OR			OR
ARTHI 1A	Ancient Mediterranean Art	(4)	NO COMPARABLE COURSE	
	OR			OR
ARTHI 1B	Mediev&Renaiss Art	(4)	NO COMPARABLE COURSE	
	OR			OR
ARTHI 1C	Baroque to Modern Art	(4)	NO COMPARABLE COURSE	
	OR			OR
ARTHI 1D	Arts of Asia	(4)	NO COMPARABLE COURSE	

ALL OF THE FOLLOWING COURSES:

PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE	
	OR			OR
PHYSICS 10	Topics,Nonscientists	(4)	PHYS 10	Introduction to Physics (4)
PSYCH 1	General Psychology	(4)	PSYCH 1A	Introduction to (3)
				General Psychology
SOCIOL 2	Self and Society	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation	
STATIST 13	Elementary Statistics	(4)	MATH 13	Introduction to (4)
	Same as: STATIST 13Y			Statistics
TEX&CL 6	Intro Textiles	(4)	NO COMPARABLE COURSE	
TEX&CL 7	Style & Cult Std	(4)	NO COMPARABLE COURSE	
TEX&CL 8	Textile Apparel Ind	(4)	NO COMPARABLE COURSE	
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry (5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry (5)
			CHEM 1B	General Chemistry (5)
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE	
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE	
MATH 16A	Short Calculus	(3)	MATH 16A	Calculus for Business (3)
				and the Life and Social Sciences
			OR	
			MATH 3A	Calculus I (5)

RESTRICTED ELECTIVES (16 QUARTER UNITS):

AGRESEC 18	Business Law	(4)	BUS 2	Introduction to Business (3)
				Law
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry (5)
CHEM 128A	Organic Chemistry	(3)	CHEM 12A	Organic Chemistry (5)
CHEM 128B	Organic Chemistry	(3)	CHEM 12A &	Organic Chemistry (5)
			CHEM 12B	Organic Chemistry (5)

CHEM 128C	Organic Chemistry	(3)	CHEM 12B	Organic Chemistry	(5)
DESIGN 77	Intro to Fashion Design	(4)	NO COMPARABLE COURSE		
MGMT 11A	Elem Accounting	(4)	BUS 1A &	Financial Accounting	(4)
			BUS 1B	Managerial Accounting	(4)
MGMT 11B	Elem Accounting	(4)	NO COMPARABLE COURSE		
MATH 16B	Short Calculus	(3)	MATH 16B	Calculus for Business and the Life and Social Sciences	(3)
			<u>OR</u>		
			MATH 3B	Calculus II	(5)
MATH 16C	Short Calculus	(3)	MATH 16B	Calculus for Business and the Life and Social Sciences	(3)
			<u>OR</u>		
			MATH 3B	Calculus II	(5)
SOCIOL 25	Popular Culture	(4)	NO COMPARABLE COURSE		

Foreign language units may be used to satisfy any or all of the required 16 units.

END OF MAJOR

B) UCD ENG CS 15 not intended for Computer Science or Computer Science Engineering majors. Only two units of credit allowed to students who have completed PLT SCI 21.

====Theatre and Dance A.B.====

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.

Transfer students must also meet UC transfer admission requirements. For details, see the UC Davis [transfer admission webpage](#). 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.

All students completing a major in theatre and dance must participate in dramatic productions, including work in at least two of the following three areas: acting/dance; design (scenic, costume, lighting, painting, props, sound); directing/playwriting/stage management and crew assignments. Transfer students should see the major advisor at UC Davis for an evaluation of their previous experience.

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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

NOTE: Lower-division preparation for the Honors A.B. major in Theatre and Dance is the same as that below.

ONE COURSE FROM THE FOLLOWING:

DRAMART 21A	Fundamentals of Act	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
DRAMART 40A	Beg Modern Dance	(2)	NO COMPARABLE COURSE
DRAMART 40B	Int Modern Dance	(2)	NO COMPARABLE COURSE
DRAMART 42A	Beg Ballet	(2)	NO COMPARABLE COURSE
DRAMART 42B	Inter Ballet	(2)	NO COMPARABLE COURSE

ALL OF THE FOLLOWING COURSES:

DRAMART 28	Stagecraft & Management	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
DRAMART 55	Cont Theatre Dance Perf	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
DRAMART 56A	Hist Theatre Dance I	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
DRAMART 56B	Hist Theatre Dance II	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
DRAMART 56C	Hist Theatre Dance III	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

END OF MAJOR

====Viticulture and Enology B.S.====

Special Advising Note:

REQUIREMENTS FOR ADMISSION:
(for 2019-20)

This major is selective and requires preparatory coursework for admission. Any required courses that are offered at your current campus must be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses are not offered at your college, you must complete them after enrolling at UC Davis.

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 3.00

for the group. It is required that candidates have a cumulative GPA of at least 3.00 for courses in the group below that have been completed by the time of application and maintain the GPA through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

General Chemistry 2A/B/C
Organic Chemistry 8A
Mathematics 16A
Physics 1A/B or 7A
Biological Sciences 2A

It is strongly recommended that students complete courses comparable to the following UC Davis courses; if taken, the student must have a GPA of at least 3.00 for the entire group of courses listed above and below. Courses must be taken for a letter grade, with no grade less than C:

Organic Chemistry 8B
Mathematics 16B
Plant Sciences 2

Transfer students must also meet UC transfer admission requirements. UC Davis requires that students complete the minimum 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 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 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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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 (A&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 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (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 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC 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. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

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 Transfer Admission website](#). The courses used for the A&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 CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1A	General Biology	(5)
OR			OR		
PL SCI 2	Bot Physio Cul Plt	(4)	NO COMPARABLE COURSE		
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
PL SCI 21	Computers in Technology	(3)	NO COMPARABLE COURSE		

OR EQUIVALENT AND advisor APPROVAL

MATH 16A	Short Calculus	(3)	MATH 16A	Calculus for Business and the Life and Social Sciences	(3)
OR			OR		
MATH 16B	Short Calculus	(3)	MATH 3A	Calculus I	(5)
			MATH 16B	Calculus for Business and the Life and Social Sciences	(3)
OR			OR		

PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE	
	AND		AND	
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE	
	OR		OR	
h) PHYSICS 7A	General Physics	(4)	PHYS 3A & General Physics	(5)
			PHYS 3B General Physics	(5)

It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

VIT-ENO 2	Intro to Viticult	(2)	NO COMPARABLE COURSE
VIT-ENO 3	Intro Winemaking	(3)	NO COMPARABLE COURSE

END OF MAJOR

h) **This articulation is series-for-series only.**

====Wildlife, Fish and Conservation Biology B.S.====

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. See the [UC Transfer Admission website](#) for details. UC Davis requires that students complete the minimum transfer admission requirement 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 Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. 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. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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 (A&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 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (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 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC 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. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

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 Transfer Admission website](#). The courses used for the A&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 CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

UWRITING 1	Expository Writing	(4)	ENGL 1A	Composition and Reading	(4)
	AND			AND	
COMUNCN 1	Intro Public Spkg	(4)	COMM 45	Public Speaking	(3)
	OR			OR	
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	COMM 20	Interpersonal	(3)
				Communication Skills	
	OR			OR	
DRAMART 10	Intro To Acting	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
Note: Completing UWP 1 and Communication 1 will simultaneously satisfy the College requirements.					

BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 1A	General Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1B	General Biology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 1A & BIOL 1B	General Biology	(5)
				General Biology	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)

CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry	(5)
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		

MATH 16A	Short Calculus	(3)	MATH 16A	Calculus for Business and the Life and Social Sciences	(3)
			<u>OR</u>		
			MATH 3A	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 16B	Calculus for Business and the Life and Social Sciences	(3)
			<u>OR</u>		
			MATH 3B	Calculus II	(5)

PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE		

ONE COURSE FROM THE FOLLOWING (3-4 QUARTER UNITS):

W&F BIO 10	Wildl Ecol Conserve	(4)	NO COMPARABLE COURSE		
W&F BIO 50	Calif Wild Vertebrates	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
W&F BIO 51	Intro to Conservation Biology	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

RECOMMENDED COURSES FOR THE WILDLIFE HEALTH AREA OF SPECIALIZATION:

CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 12A	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 12A &	Organic Chemistry	(5)
			CHEM 12B	Organic Chemistry	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 12B	Organic Chemistry	(5)
h) PHYSICS 7A	General Physics	(4)	PHYS 3A &	General Physics	(5)
			PHYS 3B	General Physics	(5)
h) PHYSICS 7B	General Physics	(4)	PHYS 3A &	General Physics	(5)
			PHYS 3B	General Physics	(5)
h) PHYSICS 7C	General Physics	(4)	PHYS 3A &	General Physics	(5)
			PHYS 3B	General Physics	(5)

END OF MAJOR

h) This articulation is series-for-series only.

====Worksheet UGA (ENG)====

IMPORTANT ADVISORY REGARDING THIS WORKSHEET

This worksheet serves as an administrative tool and should not be used to determine specific major preparation for UC Davis College of Engineering majors.

View the "By Major" section of ASSIST to best assess the requirements for your major of interest.

This worksheet provides a listing of lower-division preparatory courses required for certain College of Engineering majors and may be helpful in correlation with review of the College of Engineering Transfer Credit Agreements (engineering grids) available at <http://engineering.ucdavis.edu/transfer-credit-agreements/>

MATH 21A	Calculus	(4)	MATH 3A	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 3B	Calculus II	(5)

MATH 21C	Calculus	(4)	MATH 3C	Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH 3C	Calculus III	(5)
MATH 22A	Linear Algebra	(3)	MATH 3E	Linear Algebra	(3)
MATH 22B	Differntl Equations	(3)	MATH 3F	Differential Equations	(3)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A & CHEM 1B	General Chemistry General Chemistry	(5) (5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 12A	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 12A & CHEM 12B	Organic Chemistry Organic Chemistry	(5) (5)
CHEM 128A	Organic Chemistry	(3)	CHEM 12A	Organic Chemistry	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 12A & CHEM 12B	Organic Chemistry Organic Chemistry	(5) (5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 12A	Organic Chemistry	(5)
q) PHYSICS 9A	Classical Physics	(5)	PHYS 4A & PHYS 4B & PHYS 4C	General Physics with Calculus General Physics with Calculus General Physics with Calculus	(5) (5) (5)
q) PHYSICS 9B	Classical Physics	(5)	PHYS 4A & PHYS 4B & PHYS 4C	General Physics with Calculus General Physics with Calculus General Physics with Calculus	(5) (5) (5)
q) PHYSICS 9C	Classical Physics	(5)	PHYS 4A & PHYS 4B & PHYS 4C	General Physics with Calculus General Physics with Calculus General Physics with Calculus	(5) (5) (5)
PHYSICS 9D	Modern Physics	(4)	NO COMPARABLE COURSE		
BIMEDEN 20	Fundamentals of Bioengineering	(4)	NO COMPARABLE COURSE		
ENGIN 4	Graphics in Design	(3)	NO COMPARABLE COURSE		
ENGIN 6	Engr Prob Solving	(4)	NO COMPARABLE COURSE		
ENGIN 17	Circuits I	(4)	NO COMPARABLE COURSE		

ENGIN 35	Statics	(4)		NO COMPARABLE COURSE	
ENGIN 45	Prop of Mats	(4)		NO COMPARABLE COURSE	
ENG CS 20	C Sci/Discrete Math	(4)		NO COMPARABLE COURSE	
ENG CS 36A	Programming	(4)		CIS 6	Introduction to Computer (5)
Formerly ENG CS 30					Programming
ENG CS 36B	Object-Oriented Program	(4)		CIS 25	Object Orientated (4)
Formerly ENG CS 40					Programming Using C++
				<u>OR</u>	
				CIS 36A	Java Programming (4)
					Language I
				<u>OR</u>	
				CIS 36B	Java Programming (4)
					Language II
ENG CS 50	Machine Dependent Prog	(4)		CIS 20	Microcomputer Assembly (4)
					Language
ENG CS 36C	Data Structures	(4)		CIS 27	Data Structure and (4)
					Algorithms
ENG BS 1	Biosys Engr Fndts	(4)		NO COMPARABLE COURSE	
ENG BS 75	Prop Mat in Bio Sys	(4)		NO COMPARABLE COURSE	
ENG MEC 50	Mfg Processes	(4)		NO COMPARABLE COURSE	
ENG CHM 51	Material Balances	(4)		NO COMPARABLE COURSE	
ENG CHM 60	Engineering Problem Solv	(4)		NO COURSE ARTICULATED	
ENG CHM 80	Chem Engr Profession	(1)		NO COMPARABLE COURSE	
ENG E&C 7	Prog & Microcontrollers	(4)		NO COURSE ARTICULATED	
UWRITING 1	Expository Writing	(4)		ENGL 1A	Composition and Reading (4)
ENGLISH 3	Intro to Lit	(4)		ENGL 1B	Composition and Reading (4)
COMUNCN 1	Intro Public Spkg	(4)		COMM 45	Public Speaking (3)
COMUNCN 3	Intprsnl Com Cmpetnce	(4)		COMM 20	Interpersonal (3)
					Communication Skills
BIOLSCI 2A	Intro Biology:Life on Earth	(5)		BIOL 1A	General Biology (5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL 1B	General Biology (5)
BIOLSCI 2C	Intro Biology:	(5)		BIOL 1A &	General Biology (5)
	Biodiversity & the Tree of Life			BIOL 1B	General Biology (5)
GEOLOGY 50	Physical Geology	(3)		GEOL 10	Introduction to Geology (3)
ATM SCI 60	Intro to Atmospheric Science	(4)		NO COMPARABLE COURSE	

END OF MAJOR

- q) This is a series-by-series articulation, not course-by-course. If students do not complete the entire series of 4A, 4B, and 4C at Berkeley City College, they may make up missing material by taking Physics 49 at UC Davis.