

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.

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**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](#).

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**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.

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**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.

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**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.**

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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.

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**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.

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**ONE COURSE FROM THE FOLLOWING:**

AF-AMST 10	Af-Am Culture & Soc	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AF-AMST 12	Intro Afro Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

**ONE COURSE FROM THE FOLLOWING:**

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

**ONE COURSE FROM THE FOLLOWING:**

ANTHRO 2	Cultural Anthropology	(5)	ANTHRO 102 Human Ways of Life: (3) Cultural Anthropology
ECON 1A	Princ of Microecon	(4)	ECON 1 Principles of Economics (3) I
ECON 1B	Princ of Macroecon	(4)	ECON 2 Principles of Economics (3) II
SOCIOL 1	Intro Sociology	(5)	SOC 1 Introduction to Sociology (3)
POL SCI 1	Amer Natl Govt	(4)	POL SCI 1 The Government of the (3) United States

POL SCI 2	Intro Comp Politics	(4)	POL SCI 2	Modern World Governments	(3)
PSYCH 1	General Psychology	(4)	PSYCH 1	General Psychology I	(3)

**ONE COURSE FROM THE FOLLOWING:**

CHICANO 10	Intro to Chic Std	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
N A STD 1	Intro NA Studies	(4)	NO COMPARABLE COURSE
N A STD 10	NA Experience	(4)	NO COMPARABLE COURSE
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 COMPARABLE COURSE
WOM STD 50	Intro Gender Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

**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)	HISTORY 11 Political and Social History of the United States I (3)
HISTORY 17B	U.S. History	(4)	HISTORY 12 Political and Social History of the United States II (3)

**4 QUARTER UNITS FROM THE FOLLOWING:**

AF-AMST 16	African Verbal Arts	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AF-AMST 51	History Af-Amr Dance	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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**

**====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](#) 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.

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**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.

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**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.

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**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.

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**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)	HISTORY 11	Political and Social History of the United States I	(3)
<b>OR</b>					
POL SCI 1	Amer Natl Govt	(4)	POL SCI 1	The Government of 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)	ANML SC 501	Principles of Animal Science	(3)

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 COURSE ARTICULATED: College has not submitted course(s) for articulation		
<b>AND</b>					
ECON 1A	Princ of Microecon	(4)	ECON 1	Principles of Economics I	(3)
<b>OR</b>					
ECON 1B	Princ of Macroecon	(4)	ECON 2	Principles of Economics II	(3)

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

ENV S&P 10	Current Issues in Environment	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
<b>ENV S&amp;P 10 not open for credit to students who have completed ENV S&amp;P 1</b>					
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 COURSE ARTICULATED: College has not submitted course(s) for articulation		
PL SCI 2	Bot Physio Cul Plt	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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)	BIOLGY 6	General Biology I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOLGY 7	General Biology II	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 101	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 101 &	General Chemistry I	(5)
			CHEM 102	General Chemistry II	(5)
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k) GEOLOGY 1	The Earth	(4)	GEOLOGY 1	Physical Geology	(3)
GEOLOGY 20	California Geology	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
SOILSCI 10	Soils in Our Environment	(3)	PLNT SC 103	Introduction to Soil Science	(3)
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MATH 16A	Short Calculus	(3)	MATH 261	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 262	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		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 261	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 262	Calculus II	(5)
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PHYSICS 7A	General Physics	(4)	PHYSICS 6 &	General Physics I	(4)
			PHYSICS 7	General Physics II	(4)
			OR		
			PHYSICS 66 &	Physics for Life Science Majors I	(5)
			PHYSICS 67	Physics for Life Science Majors II	(5)
PHYSICS 7B	General Physics	(4)	PHYSICS 6 &	General Physics I	(4)
			PHYSICS 7	General Physics II	(4)
			OR		
			PHYSICS 66 &	Physics for Life Science Majors I	(5)
			PHYSICS 67	Physics for Life Science Majors II	(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.

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**END OF MAJOR**

k) **If a student takes GEOLOGY 1 at Los Angeles Pierce College, credit will be given for UC Davis's GEOLOGY 1 or 50, not both**

====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.

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**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.

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

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AMR STD 10	Intro American Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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**ONE COURSE FROM THE FOLLOWING:**

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

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AMR STD 59 Music and American Culture (4) | NO COURSE ARTICULATED: College has not submitted courses for articulation

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**ONE COURSE FROM THE FOLLOWING:**

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

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**ONE COURSE FROM THE FOLLOWING:**

ANTHRO 2 Cultural Anthropology (5) | ANTHRO 102 Human Ways of Life: (3)  
Cultural Anthropology  
SOCIOLOG 2 Self and Society (4) | SOC 13 Society and Personality (3)  
WOM STD 50 Intro Gender Studies (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation

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**ONE COURSE FROM THE FOLLOWING:**

HISTORY 17A U.S. History (4) | HISTORY 11 Political and Social (3)  
History of the United States I  
HISTORY 17B U.S. History (4) | HISTORY 12 Political and Social (3)  
History of the United States II  
b) HISTORY 72A Am Women & Gender (4) | HISTORY 52 The Role of Women in (3)  
the History of the U.S.  
b) HISTORY 72B Am Women & Gender (4) | HISTORY 52 The Role of Women in (3)  
the History of the U.S.

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**ONE COURSE FROM THE FOLLOWING:**

ENGLISH 3 Intro to Lit (4) | ENGLISH 102 College Reading and (3)  
Composition II  
ENGLISH 10A Literatures in English (4) | ENGLISH 205 English Literature (3)  
I: To 1700 I  
ENGLISH 10B Literatures in English (4) | ENGLISH 206 English Literature (3)  
II: 1700-1900 II  
**OR**  
ENGLISH 207 American Literature (3)  
I  
ENGLISH 10C Literatures in English (4) | ENGLISH 208 American Literature (3)  
III: 1900 to Present II  
FILM ST 1 Intro to Film Studies (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation

Formerly Humanities 10

**END OF MAJOR**

b) If a student takes HISTORY 52 at Los Angeles Pierce College, credit will be given for UC Davis's HISTORY 72A or 72B, not both.

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

**Special Advising Note:**

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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.

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

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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.

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BIOLSCI 2A	Intro Biology: Life on Earth	(5)		BIOLOGY 6	General Biology I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOLOGY 7	General Biology II	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOLOGY 6	General Biology I	(5)
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CHEM 2A	Genl Chemistry	(5)		CHEM 101	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 101 &	General Chemistry I	(5)
				CHEM 102	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)		CHEM 102	General Chemistry II	(5)
<hr/>						
CHEM 8A	Organic Chem-Brief	(2)		NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)		NO COMPARABLE COURSE		
<b>OR</b>						
CHEM 118A	Org Chem, Hlth & Sci	(4)		CHEM 211	Organic Chemistry for Science Majors I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)		CHEM 211 &	Organic Chemistry for Science Majors I	(5)
				CHEM 212	Organic Chemistry for Science Majors II	(5)
<hr/>						
MATH 16A	Short Calculus	(3)		MATH 261	Calculus I	(5)
MATH 16B	Short Calculus	(3)		MATH 262	Calculus II	(5)
MATH 16C	Short Calculus	(3)		MATH 262	Calculus II	(5)
<b>OR</b>						
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		
<b>OR</b>						
MATH 21A	Calculus	(4)		MATH 261	Calculus I	(5)
MATH 21B	Calculus	(4)		MATH 262	Calculus II	(5)
MATH 21C	Calculus	(4)		MATH 263	Calculus III	(5)
<hr/>						
PHYSICS 7A	General Physics	(4)		PHYSICS 6 &	General Physics I	(4)
				PHYSICS 7	General Physics II	(4)
<b>OR</b>						
				PHYSICS 66 &	Physics for Life Science Majors I	(5)
				PHYSICS 67	Physics for Life Science Majors II	(5)
PHYSICS 7B	General Physics	(4)		PHYSICS 6 &	General Physics I	(4)
				PHYSICS 7	General Physics II	(4)
<b>OR</b>						
				PHYSICS 66 &	Physics for Life	(5)

				PHYSICS 67	Science Majors I Physics for Life	(5)
					Science Majors II	
PHYSICS 7C	General Physics	(4)		PHYSICS 6 &	General Physics I	(4)
				PHYSICS 7	General Physics II	(4)
				<u>OR</u>		
				PHYSICS 66 &	Physics for Life Science Majors I	(5)
				PHYSICS 67	Physics for Life Science Majors II	(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 227	Statistics	(4)
	Same as: STATIST 13Y			<u>OR</u>		
				MATH 228B	Statistics Pathway Part II	(5)
				<u>OR</u>		
				STAT 1	Elementary Statistics I for the Social Sciences	(3)

AN BIOL 50A	Animal Biol Lab	(2)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
AN BIOL 50B	Animal Biology	(3)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
AN BIOL 50C	Animal Biology	(3)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

**END OF MAJOR**

**====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.

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**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.

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**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.

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AN SCI 1	Domest Ani & People	(4)	NO COMPARABLE COURSE
AN SCI 2	Intro Animal Sci	(4)	NO COMPARABLE COURSE

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BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOLOGY 6	General Biology I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOLOGY 7	General Biology II	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOLOGY 6	General Biology I	(5)
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CHEM 2A	Genl Chemistry	(5)	CHEM 101	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 101 & CHEM 102	General Chemistry I & II	(5)
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CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
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PL SCI 21	Computers in Technology	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
<b>OR</b>			<b>OR</b>		
B) ENG CS 15	Intro to Computers	(4)	CO SCI 501	Introduction to Computers and Their Uses	(3)
-----					
ECON 1A	Princ of Microecon	(4)	ECON 1	Principles of Economics I	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 2	Principles of Economics II	(3)
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MGMT 11A	Elem Accounting	(4)	ACCTG 1	Introductory Accounting I	(5)
MGMT 11B	Elem Accounting	(4)	ACCTG 2	Introductory Accounting II	(5)
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MATH 16A	Short Calculus	(3)	MATH 261	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 262	Calculus II	(5)
MATH 16C	Short Calculus	(3)	MATH 262	Calculus II	(5)
<b>OR</b>			<b>OR</b>		
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		
<b>OR</b>			<b>OR</b>		
MATH 21A	Calculus	(4)	MATH 261	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 262	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 263	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) | ANML SC 501 Principles of Animal Science (3)

AN SCI 41L Domest An Prod Lab (2) | NO COURSE ARTICULATED: College has not

|submitted course(s)for articulation

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**EQUINE SPECIALIZATION**

AN SCI 15 Intro Horse Husb (3)|ANML SC 601 Horse Production (3)

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**LIVESTOCK SPECIALIZATION**

AN SCI 41 Domestic Ani Prod (2)|ANML SC 501 Principles of (3)  
Animal Science

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

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**POULTRY SPECIALIZATION**

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

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**RESTRICTED ELECTIVES (12 QUARTER UNITS):**

AGRESEC 18 Business Law (4)|NO COURSE ARTICULATED: College has not  
submitted course(s) for articulation

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**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.

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**Transfer Admission Guarantee (TAG) Note:**

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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.

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

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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.

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\*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.

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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)	ANML SC 501	Principles of Animal Science (3)
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)	BIOLOGY 6	General Biology I (5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOLOGY 7	General Biology II (5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOLOGY 6	General Biology I (5)

CHEM 2A	Genl Chemistry	(5)	CHEM 101	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 101 &	General Chemistry I	(5)
			CHEM 102	General Chemistry II	(5)
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
	<b>OR</b>			<b>OR</b>	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 211	Organic Chemistry for	(5)
				Science Majors I	
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 211 &	Organic Chemistry for	(5)
				Science Majors I	
			CHEM 212	Organic Chemistry for	(5)
				Science Majors II	
MATH 16A	Short Calculus	(3)	MATH 261	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 262	Calculus II	(5)
	<b>OR</b>			<b>OR</b>	
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		
	<b>OR</b>			<b>OR</b>	
MATH 21A	Calculus	(4)	MATH 261	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 262	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 Hub (3) | ANML SC 601 Horse Production (3)

**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). 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.

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**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:**

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**EVOLUTIONARY EMPHASIS:**

ANTHRO 1	Human Evol Biol	(4)		ANTHRO 101	Human Biological Evolution	(3)
ANTHRO 2	Cultural Anthropology	(5)		ANTHRO 102	Human Ways of Life: Cultural Anthropology	(3)
ANTHRO 3	Intr to Archaeology	(4)		ANTHRO 106	Introduction to Archaeology	(4)

**ONE COURSE FROM THE FOLLOWING:**

ANTHRO 15	Human Life Cycle	(5)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ANTHRO 23	Intr World Prehist	(4)		NO COURSE ARTICULATED: College has not		

ANTHRO 24	Ancient Crops and People	(4)		submitted course(s) for articulation
				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

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**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 227 Statistics (4)
	Same as: STATIST 13Y			<u>OR</u>
				MATH 228B Statistics Pathway Part II (5)
				<u>OR</u>
				STAT 1 Elementary Statistics I for the Social Sciences (3)
STATIST 32	Gateway to Data Science	(4)		NO COMPARABLE COURSE

**SOCIOCULTURAL EMPHASIS:**

ANTHRO 2	Cultural Anthropology	(5)		ANTHRO 102 Human Ways of Life: Cultural Anthropology (3)
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**TWO COURSES FROM THE FOLLOWING:**

ANTHRO 1	Human Evol Biol	(4)		ANTHRO 101 Human Biological Evolution (3)
ANTHRO 3	Intr to Archaeology	(4)		ANTHRO 106 Introduction to Archaeology (4)
ANTHRO 4	Anthro Linguistics	(4)		ANTHRO 161 Introduction to Language and Linguistics (3)
				<u>OR</u>
				COMM 122 Intercultural Communication (3)

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**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 COURSE ARTICULATED: College has not
				submitted course(s) for articulation
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
	Same as: SCI&TEC 32			submitted course(s) for articulation
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:**

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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.

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ANTHRO 2	Cultural Anthropology	(5)	ANTHRO 102	Human Ways of Life: Cultural Anthropology	(3)
ANTHRO 3	Intr to Archaeology	(4)	ANTHRO 106	Introduction to Archaeology	(4)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOLSCY 6	General Biology I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOLSCY 7	General Biology II	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOLSCY 6	General Biology I	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM 101	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 101 & CHEM 102	General Chemistry I & II	(5)
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		

	<b>OR</b>			<b>OR</b>	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 211	Organic Chemistry for Science Majors I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 211 &	Organic Chemistry for Science Majors I	(5)
			CHEM 212	Organic Chemistry for Science Majors II	(5)
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MATH 16A	Short Calculus	(3)	MATH 261	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 262	Calculus II	(5)
MATH 16C	Short Calculus	(3)	MATH 262	Calculus II	(5)
	<b>OR</b>			<b>OR</b>	
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	
	<b>OR</b>			<b>OR</b>	
MATH 21A	Calculus	(4)	MATH 261	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 262	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 263	Calculus III	(5)

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**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 227	Statistics	(4)
Same as: STATIST 13Y			<b>OR</b>		
			MATH 228B	Statistics Pathway Part II	(5)
			<b>OR</b>		
			STAT 1	Elementary Statistics I for the Social Sciences	(3)
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		

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**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.

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**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.

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**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.

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**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.

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**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.

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MATH 21A	Calculus	(4)	MATH 261	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 262	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 263	Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH 263	Calculus III	(5)
MATH 22B	Differntl Equations	(3)	MATH 275	Ordinary 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 270	Linear Algebra	(3)
	<b>AND</b>			<b>AND</b>	
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		
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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).

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ENG CS 32A	Intro to Programming	(4)	NO COMPARABLE COURSE		
	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.**

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

BIOLSCI 2A	Intro Biology:Life on	(5)	BIOLGY 6	General Biology I	(5)
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BIOLSCI 2B	Earth Intro Biology: Ecology & Evolution	(5)		BIOLOGY 7	General Biology II	(5)
	<b>OR</b>				<b>OR</b>	
CHEM 2A	Genl Chemistry	(5)		CHEM 101	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 101 &	General Chemistry I	(5)
	<b>OR</b>			CHEM 102	General Chemistry II	(5)
ECON 1A	Princ of Microecon	(4)		ECON 1	Principles of Economics I	(3)
ECON 1B	Princ of Macroecon	(4)		ECON 2	Principles of Economics II	(3)
	<b>OR</b>				<b>OR</b>	
PHYSICS 9A	Classical Physics	(5)		PHYSICS 101	Physics for Engineers and Scientists I	(5)
PHYSICS 9B	Classical Physics	(5)		PHYSICS 102 &	Physics for Engineers and Scientists II	(5)
	<b>OR</b>			PHYSICS 103	Physics for Engineers and Scientists III	(5)
STATIST 32	Gateway to Data Science	(4)		<b>OR</b> NO COMPARABLE COURSE		
STATIST 100	Applied Stats for Bio Sci	(4)		This course must be taken at UC Davis		

OR

**OTHER APPROVED APPLIED PREPARATORY COURSES**

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END OF MAJOR

====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.

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**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.

PHYSICS 9A	Classical Physics	(5)	PHYSICS 101	Physics for Engineers and Scientists I	(5)
PHYSICS 9B	Classical Physics	(5)	PHYSICS 102 &	Physics for Engineers and Scientists II	(5)
			PHYSICS 103	Physics for Engineers and Scientists III	(5)
PHYSICS 9C	Classical Physics	(5)	PHYSICS 102 &	Physics for Engineers and Scientists II	(5)
			PHYSICS 103	Physics for Engineers and Scientists III	(5)
PHYSICS 9D	Modern Physics	(4)	NO COMPARABLE COURSE		
	<b>OR</b>		<b>OR</b>		
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 261	Calculus I	(5)
MATH 21B	Calculus	(4)		MATH 262	Calculus II	(5)
MATH 21C	Calculus	(4)		MATH 263	Calculus III	(5)
MATH 21D	Vector Analysis	(4)		MATH 263	Calculus III	(5)
MATH 22A	Linear Algebra	(3)		MATH 270	Linear Algebra	(3)
MATH 22B	Differntl Equations	(3)		MATH 275	Ordinary Differential Equations	(3)

**ATMOSPHERIC PHYSICS CONCENTRATION**

PHYSICS 40	Intr Physics Computation	(4)		NO COURSE ARTICULATED
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**CHEMICAL PHYSICS CONCENTRATION**

CHEM 2A	Genl Chemistry	(5)		CHEM 101	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 101 &	General Chemistry I	(5)
				CHEM 102	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)		CHEM 102	General Chemistry II	(5)
PHYSICS 40	Intr Physics Computation	(4)		NO COURSE ARTICULATED		

**COMPUTATIONAL PHYSICS CONCENTRATION**

ENG CS 36A	Programming	(4)		CO SCI 539	Programming in C	(3)
	Formerly ENG CS 30			<b>OR</b>		
				CO SCI 552	Programming in Java	(3)
ENG CS 36B	Object-Oriented Program	(4)		CO SCI 540	Object Oriented	(3)
	Formerly ENG CS 40				Programming in C++	

**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
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**MATERIALS SCIENCE CONCENTRATION**

PHYSICS 40	Intr Physics Computation	(4)		NO COURSE ARTICULATED
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**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
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**END OF MAJOR**

**====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.

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**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.

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**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.

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**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.

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

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**FOUR COURSES FROM THE FOLLOWING:**

ARTHI 1A	Ancient Mediterranean Art	(4)	ART 101	Survey of Art History I	(3)
ARTHI 1B	Mediev&Renaiss Art	(4)	ART 101	Survey of Art History I	(3)
			<u>OR</u>		
			ART 102	Survey of Art History	(3)
				II	
ARTHI 1C	Baroque to Modern Art	(4)	ART 102	Survey of Art History	(3)
				II	
			<u>OR</u>		
			ART 111	History of Contemporary	(3)
				Art	
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		

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**ONE ART STUDIO COURSE FROM:**

f) ART 2	Beginning Drawing	(4)	ART 201	Drawing I	(3)
			<u>OR</u>		

ART 5	Beginning Sculpture	(4)	ART 202	Drawing II	(3)
			ART 700	Introduction to Sculpture	(3)
			<u>OR</u>		
			ART 701	Sculpture I	(3)
			<u>OR</u>		
			ART 702	Sculpture II	(3)
			<u>OR</u>		
			ART 703	Sculpture III	(3)
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**

f) **The Department of Design at UC Davis will accept Los Angeles Pierce College's ART 201 and 202 in lieu of DESIGN 14. The Department of Art at UC Davis will accept Los Angeles Pierce College's ART 201 or 202 in lieu of ART 2.**

**====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.

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**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.

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**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.

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**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.

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**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.

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**FOUR COURSES FROM THE FOLLOWING:**

f) ART 2	Beginning Drawing	(4)	ART 201	Drawing I	(3)
			<u>OR</u>		
			ART 202	Drawing II	(3)
ART 5	Beginning Sculpture	(4)	ART 700	Introduction to Sculpture	(3)
			<u>OR</u>		
			ART 701	Sculpture I	(3)
			<u>OR</u>		
			ART 702	Sculpture II	(3)
			<u>OR</u>		
			ART 703	Sculpture III	(3)
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 COURSE	ARTICULATED: College has not submitted course(s) for articulation	
ARTHI 1A	Ancient Mediterranean Art	(4)	ART 101	Survey of Art History I	(3)
ARTHI 1B	Mediev&Renaiss Art	(4)	ART 101	Survey of Art History I	(3)
			<u>OR</u>		
			ART 102	Survey of Art History II	(3)
ARTHI 1C	Baroque to Modern Art	(4)	ART 102	Survey of Art History II	(3)
			<u>OR</u>		
			ART 111	History of Contemporary Art	(3)
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**

f) The Department of Design at UC Davis will accept Los Angeles Pierce College's ART 201 and 202 in lieu of DESIGN 14. The Department of Art at UC Davis will accept Los Angeles Pierce College's ART 201 or 202 in lieu of ART 2.

====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](#). 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.

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**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.

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**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.

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**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.

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

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

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A A STD 4	Asian Amer Cultural Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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**AT LEAST TWO COURSES FROM THE FOLLOWING:**

AF-AMST 10	Af-Am Culture & Soc	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AF-AMST 12	Intro Afro Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AF-AMST 15	Intro Afro Amer Hum	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AF-AMST 16	African Verbal Arts	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AF-AMST 17	Women in Africa	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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 COURSE ARTICULATED: College has not submitted course(s) for articulation
AF-AMST 51	History Af-Amr Dance	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AF-AMST 52	Afr Tradit Relig	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AF-AMST 80	Black Politics	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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 COURSE ARTICULATED: College has not submitted course(s) for articulation
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
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 COURSE ARTICULATED: College has not submitted course(s) for articulation
CHICANO 21	Hlth Care Issues	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHICANO 30	US Poli & Chicanos	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHICANO 40	Comparative Health	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHICANO 50	Chicano Culture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHICANO 60	Chicana and Chicano Representn in Cinema	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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 COURSE ARTICULATED: College has not submitted course(s) for articulation
CHICANO 73	Art Expr Silk Scr	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
N A STD 1	Intro NA Studies	(4)	NO COMPARABLE COURSE
N A STD 5	Intro NA Literature	(4)	NO COMPARABLE COURSE
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 COMPARABLE COURSE
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 COMPARABLE COURSE
N A STD 33	Intro NA Art	(4)		NO COMPARABLE COURSE
N A STD 34	NA Art Workshop	(4)		NO COMPARABLE COURSE
WOM STD 20	Cult Repr of Gndr	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
WOM STD 25	Gender & Global Cinema	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
WOM STD 50	Intro Gender Studies	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
WOM STD 60	Feminist Critiques	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
WOM STD 70	Sexual:Thry&Hist	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
<b>AT LEAST TWO COURSES FROM THE FOLLOWING METHODS COURSES:</b>				
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 103	Art Appreciation I (3)
ART 30	Contemp Vis Culture	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHICANO 23	Qualitative Research Methods	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ENGLISH 42	Approaches to Reading	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PHILOS 5	Critical Reasoning	(4)	PHILOS 6	Logic in Practice (3)
N A STD 46	Orientation to Research in NAS	(4)		NO COMPARABLE COURSE
POL SCI 51	Scientific Study of Politics	(4)	POL SCI 50	Introduction to Research in Political Science (3)
PSYCH 41	Research Methods	(4)		NO COMPARABLE COURSE
SOCIOL 46A	Intro Social Rsch	(4)	SOC 4	Sociological Analysis (3)
SOCIOL 46B	Intro Social Rsch	(5)		NO COMPARABLE COURSE
STATIST 13	Elementary Statistics	(4)	MATH 227	Statistics (4)
Same as: STATIST 13Y				<u>OR</u>
			MATH 228B	Statistics Pathway Part II (5)
				<u>OR</u>
			STAT 1	Elementary Statistics I for the Social Sciences (3)

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**END OF MAJOR**

**====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.

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**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.

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**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.

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**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.

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**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.

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PL SCI 2	Bot Physio Cul Plt	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
CHEM 2A	Genl Chemistry	(5)		CHEM 101	General Chemistry I (5)
CHEM 2B	Genl Chemistry	(5)		CHEM 101 &	General Chemistry I (5)
				CHEM 102	General Chemistry II (5)
ENG CS 36A	Programming	(4)		CO SCI 539	Programming in C (3)
Formerly ENG CS 30				<u>OR</u>	
				CO SCI 552	Programming in Java (3)

**or a course selected with advisor's approval**

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MATH 21A	Calculus	(4)		MATH 261	Calculus I (5)
MATH 21B	Calculus	(4)		MATH 262	Calculus II (5)
MATH 21C	Calculus	(4)		MATH 263	Calculus III (5)
MATH 21D	Vector Analysis	(4)		MATH 263	Calculus III (5)
MATH 22A	Linear Algebra	(3)		MATH 270	Linear Algebra (3)
MATH 22B	Differntl Equations	(3)		MATH 275	Ordinary Differential Equations (3)

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ATM SCI 60	Intro to Atmospheric Science	(4)		NO COMPARABLE COURSE	
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PHYSICS 9A	Classical Physics	(5)		PHYSICS 101	Physics for Engineers and Scientists I (5)
PHYSICS 9B	Classical Physics	(5)		PHYSICS 102 &	Physics for Engineers and Scientists II (5)
				PHYSICS 103	Physics for Engineers and Scientists III (5)
PHYSICS 9C	Classical Physics	(5)		PHYSICS 102 &	Physics for Engineers and Scientists II (5)
				PHYSICS 103	Physics for Engineers and Scientists III (5)

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STATIST 13	Elementary Statistics	(4)		MATH 227	Statistics (4)
Same as: STATIST 13Y				<u>OR</u>	
				MATH 228B	Statistics Pathway Part II (5)
				<u>OR</u>	
				STAT 1	Elementary Statistics I for the Social Sciences (3)

**PREPARATION FOR GRADUATION:**

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ENGIN 6	Engr Prob Solving	(4)		NO COMPARABLE COURSE	
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**END OF MAJOR**

**====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/>

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**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.

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**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](#).

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**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.

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**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.

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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.

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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)		BIOLOGY 6	General Biology I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOLOGY 7	General Biology II	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOLOGY 6	General Biology I	(5)
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CHEM 2A	Genl Chemistry	(5)		CHEM 101	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 101 & CHEM 102	General Chemistry I	(5)
				CHEM 102	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)		CHEM 102	General Chemistry II	(5)
	<b>OR</b>				<b>OR</b>	

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
	<b>OR</b>		<b>OR</b>
MATH 21A	Calculus	(4)	MATH 261 Calculus I (5)
MATH 21B	Calculus	(4)	MATH 262 Calculus II (5)

PHYSICS 7A	General Physics	(4)	PHYSICS 6 & General Physics I (4)
			PHYSICS 7 & General Physics II (4)
			<b>OR</b>
PHYSICS 7B	General Physics	(4)	PHYSICS 66 & Physics for Life (5)
			PHYSICS 67 & Physics for Life (5)
			<b>OR</b>
PHYSICS 7C	General Physics	(4)	PHYSICS 6 & General Physics I (4)
			PHYSICS 7 & General Physics II (4)
			<b>OR</b>
PHYSICS 7C	General Physics	(4)	PHYSICS 66 & Physics for Life (5)
			PHYSICS 67 & Physics for Life (5)
			<b>OR</b>
PHYSICS 7C	General Physics	(4)	PHYSICS 6 & General Physics I (4)
			PHYSICS 7 & General Physics II (4)
			<b>OR</b>
PHYSICS 7C	General Physics	(4)	PHYSICS 66 & Physics for Life (5)
			PHYSICS 67 & Physics for Life (5)
			<b>OR</b>

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.

	<b>OR</b>		<b>OR</b>
PHYSICS 9A	Classical Physics	(5)	PHYSICS 101 Physics for Engineers and Scientists I (5)
PHYSICS 9B	Classical Physics	(5)	PHYSICS 102 & Physics for Engineers and Scientists II (5)
			PHYSICS 103 Physics for Engineers and Scientists III (5)
PHYSICS 9C	Classical Physics	(5)	PHYSICS 102 & Physics for Engineers and Scientists II (5)
			PHYSICS 103 Physics for Engineers and Scientists III (5)

CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 211 Organic Chemistry for Science Majors I (5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 211 & Organic Chemistry for Science Majors I (5)
			CHEM 212 Organic Chemistry for (5)

CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 212	Science Majors II Organic Chemistry for Science Majors II	(5)
	<b>OR</b>			<b>OR</b>	
CHEM 128A	Organic Chemistry	(3)	CHEM 211	Organic Chemistry for Science Majors I	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 211 &	Organic Chemistry for Science Majors I	(5)
			CHEM 212	Organic Chemistry for Science Majors II	(5)
CHEM 128C	Organic Chemistry	(3)	CHEM 212	Organic Chemistry for Science Majors II	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 211	Organic Chemistry for Science Majors I	(5)
CHEM 129B	Organic Chem Lab	(2)	CHEM 211 &	Organic Chemistry for Science Majors I	(5)
			CHEM 212	Organic Chemistry for Science Majors II	(5)

**RECOMMENDED:**

MATH 21C	Calculus	(4)	MATH 263	Calculus III	(5)
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**END OF MAJOR**

**====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.

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**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.

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**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.

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**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.

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**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.

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**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)	BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOLOGY 6	General Biology I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOLOGY 7	General Biology II	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOLOGY 6	General Biology I	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM 2A	Genl Chemistry	(5)	CHEM 101	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 2B	Genl Chemistry	(5)	CHEM 101 & CHEM 102	General Chemistry I General Chemistry II	(5) (5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
<b>OR</b>			<b>OR</b>					
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 211	Organic Chemistry for Science Majors I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 211 & CHEM 212	Organic Chemistry for Science Majors I Organic Chemistry for Science Majors II	(5) (5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 212	Organic Chemistry for Science Majors II	(5)
MATH 17A	Calculus for BioSci	(4)	MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
<b>OR</b>			<b>OR</b>					
MATH 21A	Calculus	(4)	MATH 21A	Calculus	(4)	MATH 261	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 21B	Calculus	(4)	MATH 262	Calculus II	(5)
PHYSICS 1A	Principles Physics	(3)	PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
PHYSICS 1B	Principles Physics	(3)	PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE		
<b>OR</b>			<b>OR</b>					
PHYSICS 7A	General Physics	(4)	PHYSICS 7A	General Physics	(4)	PHYSICS 6 & PHYSICS 7	General Physics I General Physics II	(4) (4)
<b>OR</b>			<b>OR</b>					
PHYSICS 7B	General Physics	(4)	PHYSICS 7B	General Physics	(4)	PHYSICS 66 & PHYSICS 67	Physics for Life Science Majors I Physics for Life Science Majors II	(5) (5)
PHYSICS 7C	General Physics	(4)	PHYSICS 7C	General Physics	(4)	PHYSICS 6 & PHYSICS 7	General Physics I General Physics II	(4) (4)
<b>OR</b>			<b>OR</b>					
PHYSICS 7C	General Physics	(4)	PHYSICS 7C	General Physics	(4)	PHYSICS 66 & PHYSICS 67	Physics for Life Science Majors I Physics for Life Science Majors II	(5) (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.

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**RECOMMENDED COURSES FOR THIS MAJOR:**

CHEM 2C	Genl Chemistry	(5)		CHEM 102	General Chemistry II	(5)
MATH 17C	Calculus for BioSci	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	<b>OR</b>			<b>OR</b>		
MATH 21C	Calculus	(4)		MATH 263	Calculus III	(5)

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**END OF MAJOR**

**====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)	BIOLSCI 2A	General Biology I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOLSCI 2B	General Biology II	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOLSCI 2C	General Biology I	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 101	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 101 & CHEM 102	General Chemistry I	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 102	General Chemistry II	(5)

CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
<b>OR</b>					
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 211	Organic Chemistry for Science Majors I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 211 & CHEM 212	Organic Chemistry for Science Majors I	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 212	Organic Chemistry for Science Majors 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		

MATH 17C	Calculus for BioSci	(4)		submitted course(s) for articulation	
				NO COURSE ARTICULATED: College has not	
				submitted course(s) for articulation	
	<b>OR</b>			<b>OR</b>	
MATH 21A	Calculus	(4)		MATH 261	Calculus I (5)
MATH 21B	Calculus	(4)		MATH 262	Calculus II (5)
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PHYSICS 7A	General Physics	(4)		PHYSICS 6 &	General Physics I (4)
				PHYSICS 7 &	General Physics II (4)
				<b>OR</b>	
				PHYSICS 66 &	Physics for Life (5)
					Science Majors I
				PHYSICS 67	Physics for Life (5)
					Science Majors II
PHYSICS 7B	General Physics	(4)		PHYSICS 6 &	General Physics I (4)
				PHYSICS 7 &	General Physics II (4)
				<b>OR</b>	
				PHYSICS 66 &	Physics for Life (5)
					Science Majors I
				PHYSICS 67	Physics for Life (5)
					Science Majors II
PHYSICS 7C	General Physics	(4)		PHYSICS 6 &	General Physics I (4)
				PHYSICS 7 &	General Physics II (4)
				<b>OR</b>	
				PHYSICS 66 &	Physics for Life (5)
					Science Majors I
				PHYSICS 67	Physics for Life (5)
					Science Majors II

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.

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**RECOMMENDED COURSES FOR THIS MAJOR:**

MATH 21C	Calculus	(4)		MATH 263	Calculus III (5)
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**END OF MAJOR**

**====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/>

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**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.

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**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](#).

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**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.

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**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.

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**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.

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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/>

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**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.

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**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](#).

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**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.

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**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.

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**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.**

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**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.

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**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.

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**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.

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**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)	BIOLSCI 2A	General Biology I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOLSCI 2B	General Biology II	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOLSCI 2C	General Biology I	(5)
BIOTECH 1Y	Introduction to Biotechnology	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 2A	Genl Chemistry	(5)	CHEM 101	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 101 & CHEM 102	General Chemistry I	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 102	General Chemistry II	(5)
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
	<b>OR</b>			<b>OR</b>	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 211	Organic Chemistry for	(5)

CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 211 &	Science Majors I Organic Chemistry for	(5)
			CHEM 212	Organic Chemistry for	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 212	Science Majors II Organic Chemistry for	(5)
				Science Majors II	
	<b>OR</b>			<b>OR</b>	
CHEM 128A	Organic Chemistry	(3)	CHEM 211	Organic Chemistry for	(5)
				Science Majors I	
CHEM 128B	Organic Chemistry	(3)	CHEM 211 &	Organic Chemistry for	(5)
			CHEM 212	Organic Chemistry for	(5)
CHEM 128C	Organic Chemistry	(3)	CHEM 212	Science Majors II Organic Chemistry for	(5)
				Science Majors II	
CHEM 129A	Organic Chem Lab	(2)	CHEM 211	Organic Chemistry for	(5)
				Science Majors I	

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MATH 16A	Short Calculus	(3)	MATH 261	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 262	Calculus II	(5)
	<b>OR</b>			<b>OR</b>	
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		
	<b>OR</b>			<b>OR</b>	
MATH 21A	Calculus	(4)	MATH 261	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 262	Calculus II	(5)

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PHYSICS 7A	General Physics	(4)	PHYSICS 6 &	General Physics I	(4)
			PHYSICS 7	General Physics II	(4)
			<b>OR</b>		
			PHYSICS 66 &	Physics for Life	(5)
				Science Majors I	
			PHYSICS 67	Physics for Life	(5)
				Science Majors II	
PHYSICS 7B	General Physics	(4)	PHYSICS 6 &	General Physics I	(4)
			PHYSICS 7	General Physics II	(4)
			<b>OR</b>		
			PHYSICS 66 &	Physics for Life	(5)
				Science Majors I	
			PHYSICS 67	Physics for Life	(5)
				Science Majors II	

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.

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**COURSEWORK FOR BIOINFORMATICS OPTION:**

ENG CS 20	C Sci/Discrete Math	(4)	CO SCI 542	Discrete Structures for	(3)
				Computer Science	
ENG CS 36A	Programming	(4)	CO SCI 539	Programming in C	(3)
Formerly ENG CS 30			<b>OR</b>		
			CO SCI 552	Programming in Java	(3)

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**RESTRICTED ELECTIVES FOR BIOINFORMATICS OPTION:**

ENG CS 36B	Object-Oriented Program	(4)	CO SCI 540	Object Oriented	(3)
Formerly ENG CS 40				Programming in C++	
ENG CS 36C	Data Structures	(4)	CO SCI 536	Introduction to Data	(3)
Formerly ENG CS 60				Structures	



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)	BIOLSCI 6	General Biology I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOLSCI 7	General Biology II	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOLSCI 6	General Biology I	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 101	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 101 & CHEM 102	General Chemistry I	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 102	General Chemistry II	(5)

CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
<b>OR</b>					
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 211	Organic Chemistry for Science Majors I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 211 & CHEM 212	Organic Chemistry for Science Majors I	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 212	Organic Chemistry for Science Majors 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		
<b>OR</b>					
MATH 21A	Calculus	(4)	MATH 261	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 262	Calculus II	(5)

PHYSICS 7A	General Physics	(4)	PHYSICS 6 & PHYSICS 7	General Physics I	(4)
				General Physics II	(4)

				<u>OR</u>			
				PHYSICS 66	&	Physics for Life	(5)
						Science Majors I	
				PHYSICS 67		Physics for Life	(5)
						Science Majors II	
PHYSICS 7B	General Physics	(4)		PHYSICS 6	&	General Physics I	(4)
				PHYSICS 7		General Physics II	(4)
				<u>OR</u>			
				PHYSICS 66	&	Physics for Life	(5)
						Science Majors I	
				PHYSICS 67		Physics for Life	(5)
						Science Majors II	
PHYSICS 7C	General Physics	(4)		PHYSICS 6	&	General Physics I	(4)
				PHYSICS 7		General Physics II	(4)
				<u>OR</u>			
				PHYSICS 66	&	Physics for Life	(5)
						Science Majors I	
				PHYSICS 67		Physics for Life	(5)
						Science Majors II	

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 263	Calculus III	(5)
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**END OF MAJOR**

**====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.

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**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](#).

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**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.

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**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.

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**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.**

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**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.

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**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.

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**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.

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**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.

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CHEM 2A	Genl Chemistry	(5)	CHEM 101	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 101 &	General Chemistry I	(5)
			CHEM 102	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 102	General Chemistry II	(5)
	<b>OR</b>			<b>OR</b>	
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/>					
PHYSICS 9A	Classical Physics	(5)	PHYSICS 101	Physics for Engineers and Scientists I	(5)
PHYSICS 9B	Classical Physics	(5)	PHYSICS 102 &	Physics for Engineers and Scientists II	(5)
			PHYSICS 103	Physics for	(5)

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PHYSICS 9C	Classical Physics	(5)	PHYSICS 102 &	Engineers and Scientists III Physics for Engineers and Scientists II	(5)
			PHYSICS 103	Physics for Engineers and Scientists III	(5)
PHYSICS 9D	Modern Physics	(4)	NO COMPARABLE COURSE		
MATH 21A	Calculus	(4)	MATH 261	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 262	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 263	Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH 263	Calculus III	(5)
MATH 22A	Linear Algebra	(3)	MATH 270	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 275	Ordinary Differential Equations	(3)
CHEM 128A	Organic Chemistry	(3)	CHEM 211	Organic Chemistry for Science Majors I	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 211 &	Organic Chemistry for Science Majors I	(5)
			CHEM 212	Organic Chemistry for Science Majors II	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 211	Organic Chemistry for Science Majors I	(5)

END OF MAJOR

====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:**

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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 101	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 101 &	General Chemistry I	(5)
			CHEM 102	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 102	General Chemistry II	(5)
	<b>OR</b>			<b>OR</b>	
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		

PHYSICS 7A	General Physics	(4)	PHYSICS 6 &	General Physics I	(4)
			PHYSICS 7	General Physics II	(4)
			<b>OR</b>		
			PHYSICS 66 &	Physics for Life	(5)
				Science Majors I	
			PHYSICS 67	Physics for Life	(5)
				Science Majors II	
PHYSICS 7B	General Physics	(4)	PHYSICS 6 &	General Physics I	(4)
			PHYSICS 7	General Physics II	(4)
			<b>OR</b>		
			PHYSICS 66 &	Physics for Life	(5)
				Science Majors I	
			PHYSICS 67	Physics for Life	(5)
				Science Majors II	
PHYSICS 7C	General Physics	(4)	PHYSICS 6 &	General Physics I	(4)
			PHYSICS 7	General Physics II	(4)
			<b>OR</b>		
			PHYSICS 66 &	Physics for Life	(5)
				Science Majors I	
			PHYSICS 67	Physics for Life	(5)
				Science Majors II	

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.

	<b>OR</b>			<b>OR</b>	
PHYSICS 9A	Classical Physics	(5)	PHYSICS 101	Physics for	(5)
				Engineers and	
				Scientists I	
PHYSICS 9B	Classical Physics	(5)	PHYSICS 102 &	Physics for	(5)
				Engineers and	

			PHYSICS 103	Scientists II Physics for	(5)
PHYSICS 9C	Classical Physics	(5)	PHYSICS 102 &	Engineers and Scientists III Physics for	(5)
			PHYSICS 103	Engineers and Scientists II Physics for	(5)
				Engineers and Scientists III	
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MATH 16A	Short Calculus	(3)	MATH 261	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 262	Calculus II	(5)
MATH 16C	Short Calculus	(3)	MATH 262	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 261	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 262	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 263	Calculus III	(5)
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CHEM 128A	Organic Chemistry	(3)	CHEM 211	Organic Chemistry for	(5)
				Science Majors I	
CHEM 128B	Organic Chemistry	(3)	CHEM 211 &	Organic Chemistry for	(5)
				Science Majors I	
			CHEM 212	Organic Chemistry for	(5)
				Science Majors II	
CHEM 128C	Organic Chemistry	(3)	CHEM 212	Organic Chemistry for	(5)
				Science Majors II	
CHEM 129A	Organic Chem Lab	(2)	CHEM 211	Organic Chemistry for	(5)
				Science Majors I	
CHEM 129B	Organic Chem Lab	(2)	CHEM 211 &	Organic Chemistry for	(5)
				Science Majors I	
			CHEM 212	Organic Chemistry for	(5)
				Science Majors II	

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**END OF MAJOR**

====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.

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**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.

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**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.

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**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.

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CHEM 2A	Genl Chemistry	(5)	CHEM 101	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 101 &	General Chemistry I	(5)
			CHEM 102	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 102	General Chemistry II	(5)
	<b>OR</b>			<b>OR</b>	
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		

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PHYSICS 9A	Classical Physics	(5)	PHYSICS 101	Physics for Engineers and Scientists I	(5)
PHYSICS 9B	Classical Physics	(5)	PHYSICS 102 &	Physics for Engineers and Scientists II	(5)
			PHYSICS 103	Physics for Engineers and Scientists III	(5)
PHYSICS 9C	Classical Physics	(5)	PHYSICS 102 &	Physics for Engineers and Scientists II	(5)
			PHYSICS 103	Physics for Engineers and Scientists III	(5)

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MATH 21A	Calculus	(4)	MATH 261	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 262	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 263	Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH 263	Calculus III	(5)
MATH 22A	Linear Algebra	(3)	MATH 270	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 275	Ordinary Differential Equations	(3)

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CHEM 128A	Organic Chemistry	(3)	CHEM 211	Organic Chemistry for Science Majors I	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 211 &	Organic Chemistry for	(5)

				Science Majors I	
			CHEM 212	Organic Chemistry for	(5)
				Science Majors II	
CHEM 128C	Organic Chemistry	(3)	CHEM 212	Organic Chemistry for	(5)
				Science Majors II	
CHEM 129A	Organic Chem Lab	(2)	CHEM 211	Organic Chemistry for	(5)
				Science Majors I	
CHEM 129B	Organic Chem Lab	(2)	CHEM 211 &	Organic Chemistry for	(5)
				Science Majors I	
			CHEM 212	Organic Chemistry for	(5)
				Science Majors II	
CHEM 129C	Organic Chem Lab	(2)	CHEM 212	Organic Chemistry for	(5)
				Science Majors II	

**RECOMMENDED COURSES:**

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

**END OF MAJOR**

**====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 101	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 101 &	General Chemistry I	(5)
			CHEM 102	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 102	General Chemistry II	(5)
	<b>OR</b>			<b>OR</b>	
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		

PHYSICS 7A	General Physics	(4)	PHYSICS 6 &	General Physics I	(4)
			PHYSICS 7	General Physics II	(4)
			<b>OR</b>		
			PHYSICS 66 &	Physics for Life	(5)
				Science Majors I	
			PHYSICS 67	Physics for Life	(5)
				Science Majors II	
PHYSICS 7B	General Physics	(4)	PHYSICS 6 &	General Physics I	(4)
			PHYSICS 7	General Physics II	(4)
			<b>OR</b>		
			PHYSICS 66 &	Physics for Life	(5)
				Science Majors I	
			PHYSICS 67	Physics for Life	(5)
				Science Majors II	
PHYSICS 7C	General Physics	(4)	PHYSICS 6 &	General Physics I	(4)
			PHYSICS 7	General Physics II	(4)
			<b>OR</b>		
			PHYSICS 66 &	Physics for Life	(5)
				Science Majors I	
			PHYSICS 67	Physics for Life	(5)
				Science Majors II	

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.

	<b>OR</b>			<b>OR</b>	
PHYSICS 9A	Classical Physics	(5)	PHYSICS 101	Physics for	(5)
				Engineers and	
				Scientists I	
PHYSICS 9B	Classical Physics	(5)	PHYSICS 102 &	Physics for	(5)
				Engineers and	
				Scientists II	
			PHYSICS 103	Physics for	(5)
				Engineers and	
				Scientists III	
PHYSICS 9C	Classical Physics	(5)	PHYSICS 102 &	Physics for	(5)
				Engineers and	
				Scientists II	
			PHYSICS 103	Physics for	(5)
				Engineers and	
				Scientists III	

MATH 16A	Short Calculus	(3)	MATH 261	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 262	Calculus II	(5)
MATH 16C	Short Calculus	(3)	MATH 262	Calculus II	(5)
	<b>OR</b>			<b>OR</b>	
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		

MATH 17C	Calculus for BioSci	(4)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	<b>OR</b>			<b>OR</b>	
MATH 21A	Calculus	(4)	MATH 261	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 262	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 263	Calculus III	(5)
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BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOLOGY 6	General Biology I	(5)
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STATIST 13	Elementary Statistics	(4)	MATH 227	Statistics	(4)
	Same as: STATIST 13Y		<b>OR</b>		
			MATH 228B	Statistics Pathway Part II	(5)
			<b>OR</b>		
			STAT 1	Elementary Statistics I for the Social Sciences	(3)
	<b>OR</b>			<b>OR</b>	
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		
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CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 211	Organic Chemistry for Science Majors I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 211 &	Organic Chemistry for Science Majors I	(5)
			CHEM 212	Organic Chemistry for Science Majors II	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 212	Organic Chemistry for Science Majors II	(5)
	<b>OR</b>			<b>OR</b>	
CHEM 128A	Organic Chemistry	(3)	CHEM 211	Organic Chemistry for Science Majors I	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 211 &	Organic Chemistry for Science Majors I	(5)
			CHEM 212	Organic Chemistry for Science Majors II	(5)
CHEM 128C	Organic Chemistry	(3)	CHEM 212	Organic Chemistry for Science Majors II	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 211	Organic Chemistry for Science Majors I	(5)
CHEM 129B	Organic Chem Lab	(2)	CHEM 211 &	Organic Chemistry for Science Majors I	(5)
			CHEM 212	Organic Chemistry for Science Majors II	(5)

END OF MAJOR

====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](#) 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.

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**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.

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**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.

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**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.

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CHEM 2A	Genl Chemistry	(5)	CHEM 101	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 101 &	General Chemistry I	(5)
			CHEM 102	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 102	General Chemistry II	(5)
	<b>OR</b>			<b>OR</b>	
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		

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PHYSICS 7A	General Physics	(4)	PHYSICS 6 &	General Physics I	(4)
			PHYSICS 7	General Physics II	(4)
			<b>OR</b>		
			PHYSICS 66 &	Physics for Life	(5)
				Science Majors I	
			PHYSICS 67	Physics for Life	(5)
				Science Majors II	
PHYSICS 7B	General Physics	(4)	PHYSICS 6 &	General Physics I	(4)
			PHYSICS 7	General Physics II	(4)
			<b>OR</b>		
			PHYSICS 66 &	Physics for Life	(5)
				Science Majors I	
			PHYSICS 67	Physics for Life	(5)
				Science Majors II	
PHYSICS 7C	General Physics	(4)	PHYSICS 6 &	General Physics I	(4)
			PHYSICS 7	General Physics II	(4)
			<b>OR</b>		
			PHYSICS 66 &	Physics for Life	(5)
				Science Majors I	
			PHYSICS 67	Physics for Life	(5)
				Science Majors II	

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.

	<b>OR</b>			<b>OR</b>	
PHYSICS 9A	Classical Physics	(5)	PHYSICS 101	Physics for Engineers and Scientists I	(5)
PHYSICS 9B	Classical Physics	(5)	PHYSICS 102 &	Physics for Engineers and Scientists II	(5)
			PHYSICS 103	Physics for Engineers and Scientists III	(5)
PHYSICS 9C	Classical Physics	(5)	PHYSICS 102 &	Physics for Engineers and Scientists II	(5)
			PHYSICS 103	Physics for Engineers and Scientists III	(5)

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MATH 16A	Short Calculus	(3)	MATH 261	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 262	Calculus II	(5)
MATH 16C	Short Calculus	(3)	MATH 262	Calculus II	(5)

	<b>OR</b>			<b>OR</b>	
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	

	<b>OR</b>			<b>OR</b>	
MATH 21A	Calculus	(4)	MATH 261	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 262	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 263	Calculus III	(5)

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BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOLOGY 6	General Biology I	(5)
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ENV TOX 20	Introduction to Forensic Science	(3)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
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STATIST 13	Elementary Statistics	(4)	MATH 227	Statistics	(4)
Same as: STATIST 13Y			<b>OR</b>		
			MATH 228B	Statistics Pathway Part II	(5)
			<b>OR</b>		
			STAT 1	Elementary Statistics I for the Social Sciences	(3)

	<b>OR</b>			<b>OR</b>	
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		

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CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 211	Organic Chemistry for Science Majors I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 211 &	Organic Chemistry for Science Majors I	(5)
			CHEM 212	Organic Chemistry for Science Majors II	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 212	Organic Chemistry for Science Majors II	(5)
	<b>OR</b>			<b>OR</b>	
CHEM 128A	Organic Chemistry	(3)	CHEM 211	Organic Chemistry for Science Majors I	(5)

CHEM 128B	Organic Chemistry	(3)	CHEM 211 &	Organic Chemistry for (5) Science Majors I
			CHEM 212	Organic Chemistry for (5) Science Majors II
CHEM 128C	Organic Chemistry	(3)	CHEM 212	Organic Chemistry for (5) Science Majors II
CHEM 129A	Organic Chem Lab	(2)	CHEM 211	Organic Chemistry for (5) Science Majors I
CHEM 129B	Organic Chem Lab	(2)	CHEM 211 &	Organic Chemistry for (5) Science Majors I
			CHEM 212	Organic Chemistry for (5) Science Majors II

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**END OF MAJOR**

**====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.

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**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.

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**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.

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**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.

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**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.

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

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**ONE COURSE FROM THE FOLLOWING:**

CHICANO 60	Chicana and Chicano Representn in Cinema	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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 COURSE ARTICULATED: College has not submitted course(s) for articulation
CHICANO 73	Art Expr Silk Scr	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

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SPANISH 1	Elementary Spanish	(5)	SPANISH 1 Elementary Spanish I (5)
SPANISH 2	Elementary Spanish	(5)	SPANISH 1 <b>&amp;</b> Elementary Spanish I (5)
			SPANISH 2 Elementary Spanish II (5)
SPANISH 3	Elementary Spanish	(5)	SPANISH 2 Elementary Spanish II (5)
	<b>OR</b>		<b>OR</b>
SPANISH 28	Inter Conversation	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
SPANISH 31	Int Span Nat Spk I	(5)	NO COMPARABLE COURSE
SPANISH 32	Int Span Nat Spk II	(5)	NO COMPARABLE COURSE

**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.

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**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.

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**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 COURSE ARTICULATED: College has not submitted course(s) for articulation
CHICANO 50	Chicano Culture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHICANO 21	Hlth Care Issues	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	<b>OR</b>		<b>OR</b>
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 COURSE ARTICULATED: College has not submitted course(s) for articulation
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 COURSE ARTICULATED: College has not submitted course(s) for articulation
CHICANO 73	Art Expr Silk Scr	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

**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)	NO COMPARABLE COURSE
SOCIO 46A	Intro Social Rsch	(4)	SOC 4 Sociological Analysis (3)
SPANISH 1	Elementary Spanish	(5)	SPANISH 1 Elementary Spanish I (5)
SPANISH 2	Elementary Spanish	(5)	SPANISH 1 <b>&amp;</b> Elementary Spanish I (5)
			SPANISH 2 Elementary Spanish II (5)
SPANISH 3	Elementary Spanish	(5)	SPANISH 2 Elementary Spanish II (5)
	<b>OR</b>		<b>OR</b>
SPANISH 28	Inter Conversation	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
SPANISH 31	Int Span Nat Spk I	(5)	NO COMPARABLE COURSE
SPANISH 32	Int Span Nat Spk II	(5)	NO COMPARABLE COURSE

**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.

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**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.

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**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.

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**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.

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**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.

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**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 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
	<b>OR</b>		<b>OR</b>
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
	<b>OR</b>		<b>OR</b>
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

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**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 COURSE ARTICULATED: College has not submitted course(s) for articulation
JPNESE 10	Masterworks in English	(4)	NO COMPARABLE COURSE
LINGUIS 1	Intro Linguistics	(4)	ANTHRO 161 Introduction to Language and Linguistics (3)
HISTORY 9A	East Asian Civ	(4)	NO COMPARABLE COURSE

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**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](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.

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**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.

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**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 submitted course(s) for articulation
	Same as: ENG CS 12		
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 submitted course(s) for articulation
	Same as: SCI&TEC 40A		
CINE&TS 40B	Media History 2	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	Same as: SCI&TEC 40B		
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 the Present	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
FILM ST 45	Vampires	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	Same as: GERMAN 45		

**Select two of the following courses:**

FILM ST 1	Intro to Film Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	Formerly Humanities 10		
TCULST 1	Intro Technocultural Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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/>

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**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.

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**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](#).

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**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.

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**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.

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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.

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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.

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**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.

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**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.

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**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.

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**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.

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

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**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

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**ONE ADDITIONAL COURSE SELECTED FROM:**

ARTHI 1A	Ancient Mediterranean Art	(4)	ART 101 Survey of Art History I (3)
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)	ENGLISH 203 World Literature I (3)
PHILOS 21	Phil Classics: Ancient	(4)	PHILOS 12 History of Greek Philosophy (3)
REL STD 21	The Bible	(4)	NO COMPARABLE COURSE
REL STD 40	New Testament	(4)	NO COMPARABLE COURSE

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**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 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
	<b>AND</b>			<b>AND</b>
GREEK 1	Elem Greek	(5)		NO COMPARABLE COURSE
GREEK 2	Elem Greek	(5)		NO COMPARABLE COURSE
GREEK 3	Intermediate Greek	(5)		NO COMPARABLE COURSE
<hr/>				
CLASSIC 1	N East/Early Gr	(4)		NO COMPARABLE COURSE
	<b>OR</b>			<b>OR</b>
CLASSIC 2	Anc Gr & Near East	(4)		NO COMPARABLE COURSE
	<b>OR</b>			<b>OR</b>
CLASSIC 3	Rome & The Mediter	(4)		NO COMPARABLE COURSE
CLASSIC 4	Late Antiquity	(4)		NO COURSE ARTICULATED: College has not

**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.

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**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.

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**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.

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**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.

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ENGLISH 3	Intro to Lit	(4)		ENGLISH 102	College Reading and (3) Composition II
	<b>OR</b>				<b>OR</b>
UWRITING 1	Expository Writing	(4)		ENGLISH 101	College Reading and (3) Composition I
<hr/>					
COMUNCN 1	Intro Public Spkg	(4)		COMM 101	Public Speaking (3)
<hr/>					
BIOLSCI 2A	Intro Biology: Life on Earth	(5)		BIOLOGY 6	General Biology I (5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOLOGY 7	General Biology II (5)
<hr/>					
CHEM 2A	Genl Chemistry	(5)		CHEM 101	General Chemistry I (5)
CHEM 2B	Genl Chemistry	(5)		CHEM 101 &	General Chemistry I (5)
				CHEM 102	General Chemistry II (5)
CHEM 2C	Genl Chemistry	(5)		CHEM 102	General Chemistry II (5)
CHEM 8A	Organic Chem-Brief	(2)		NO COMPARABLE COURSE	
CHEM 8B	Organic Chem-Brief	(4)		NO COMPARABLE COURSE	
<hr/>					
ECON 1A	Princ of Microecon	(4)		ECON 1	Principles of Economics (3) I
	<b>OR</b>				<b>OR</b>
ECON 1B	Princ of Macroecon	(4)		ECON 2	Principles of Economics (3) II
<hr/>					
PSYCH 1	General Psychology	(4)		PSYCH 1	General Psychology I (3)
<hr/>					
SOCIOL 1	Intro Sociology	(5)		SOC 1	Introduction to Sociology (3)
	<b>OR</b>				<b>OR</b>
SOCIOL 3	Social Problems	(4)		SOC 2	American Social Problems (3)
	<b>OR</b>				<b>OR</b>
ANTHRO 2	Cultural Anthropology	(5)		ANTHRO 102	Human Ways of Life: (3) Cultural Anthropology
<hr/>					
STATIST 13	Elementary Statistics	(4)		MATH 227	Statistics (4)
	Same as: STATIST 13Y			<b>OR</b>	
				MATH 228B	Statistics Pathway (5) Part II
				<b>OR</b>	



PHILOS 10	Intro Cognitive Science	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PHILOS 12	Intro to Symbol Logic	(4)	PHILOS 9 Symbolic Logic I (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 1 General Psychology I (3)
PSYCH 41	Research Methods	(4)	NO COMPARABLE COURSE
STATIST 13	Elementary Statistics	(4)	MATH 227 Statistics (4)
Same as: STATIST 13Y			<u>OR</u>
			MATH 228B Statistics Pathway Part II (5)
			<u>OR</u>
			STAT 1 Elementary Statistics I for the Social Sciences (3)

END OF MAJOR

====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)	CO SCI 542 Discrete Structures for Computer Science	(3)
ENG CS 32A	Intro to Programming Formerly ENG CS 10	(4)	NO COMPARABLE COURSE	
<b>OR</b>			<b>OR</b>	
ENG CS 36A	Programming Formerly ENG CS 30	(4)	CO SCI 539 Programming in C	(3)
<b>OR</b>			<b>OR</b>	
ENG CS 34	UNIX & C++	(5)	CO SCI 552 Programming in Java	(3)
<b>OR</b>			<b>OR</b>	
ENG CS 36B	Object-Oriented Program Formerly ENG CS 40	(4)	CO SCI 540 Object Oriented Programming in C++	(3)
ENG CS 50	Machine Dependent Prog	(4)	CO SCI 516 Beginning Computer Architecture and Organization	(3)
ENG CS 32B	Intro to Data Structures	(4)		
<b>OR</b>			<b>OR</b>	
ENG CS 36C	Data Structures Formerly ENG CS 60	(4)	CO SCI 536 Introduction to Data Structures	(3)
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LINGUIS 1	Intro Linguistics	(4)	ANTHRO 161 Introduction to Language and Linguistics	(3)
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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	
<b>OR</b>			<b>OR</b>	
MATH 21A	Calculus	(4)	MATH 261 Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 262 Calculus II	(5)
-----				
MATH 22A	Linear Algebra	(3)	MATH 270 Linear Algebra	(3)
MATH 22AL	Lin Alg Comp Lab	(1)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation	
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COG SCI 1	Intro Cognitive Science	(4)	NO COURSE ARTICULATED	
<b>OR</b>			<b>OR</b>	
PHILOS 10	Intro Cognitive Science	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation	
-----				
PHILOS 12	Intro to Symbol Logic	(4)	PHILOS 9 Symbolic Logic I	(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 1 General Psychology I	(3)
PSYCH 41	Research Methods	(4)	NO COMPARABLE COURSE	
-----				
STATIST 13	Elementary Statistics Same as: STATIST 13Y	(4)	MATH 227 Statistics	(4)
<b>OR</b>			<b>OR</b>	
<b>OR</b>			MATH 228B Statistics Pathway Part II	(5)
<b>OR</b>			<b>OR</b>	
<b>OR</b>			STAT 1 Elementary Statistics I for the Social Sciences	(3)
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**Emphasis 2: Neuroscience**

BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOLGY 6 General Biology I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOLGY 7 General Biology II	(5)

BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOLOGY 6	General Biology I	(5)
LINGUIS 1	Intro Linguistics	(4)	ANTHRO 161	Introduction to Language and 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		
	<b>OR</b>			<b>OR</b>	
MATH 21A	Calculus	(4)	MATH 261	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 262	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 263	Calculus III	(5)
COG SCI 1	Intro Cognitive Science	(4)	NO COURSE ARTICULATED		
	<b>OR</b>			<b>OR</b>	
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		
PHYSICS 7A	General Physics	(4)	PHYSICS 6	<b>&amp;</b> General Physics I	(4)
			PHYSICS 7	General Physics II	(4)
			<b>OR</b>		
			PHYSICS 66	<b>&amp;</b> Physics for Life Science Majors I	(5)
			PHYSICS 67	Physics for Life Science Majors II	(5)
PHYSICS 7B	General Physics	(4)	PHYSICS 6	<b>&amp;</b> General Physics I	(4)
			PHYSICS 7	General Physics II	(4)
			<b>OR</b>		
			PHYSICS 66	<b>&amp;</b> Physics for Life Science Majors I	(5)
			PHYSICS 67	Physics for Life Science Majors II	(5)
PHYSICS 7C	General Physics	(4)	PHYSICS 6	<b>&amp;</b> General Physics I	(4)
			PHYSICS 7	General Physics II	(4)
			<b>OR</b>		
			PHYSICS 66	<b>&amp;</b> Physics for Life Science Majors I	(5)
			PHYSICS 67	Physics for Life Science Majors II	(5)
PHYSICS 9A	Classical Physics	(5)	PHYSICS 101	Physics for Engineers and Scientists I	(5)
PHYSICS 9B	Classical Physics	(5)	PHYSICS 102	<b>&amp;</b> Physics for Engineers and Scientists II	(5)
			PHYSICS 103	Physics for Engineers and Scientists III	(5)
PHYSICS 9C	Classical Physics	(5)	PHYSICS 102	<b>&amp;</b> Physics for Engineers and Scientists II	(5)
			PHYSICS 103	Physics for Engineers and	(5)

				Scientists III	
PSYCH 1	General Psychology	(4)		PSYCH 1	General Psychology I (3)
PSYCH 41	Research Methods	(4)		NO COMPARABLE COURSE	
STATIST 13	Elementary Statistics	(4)		MATH 227	Statistics (4)
Same as: STATIST 13Y				<u>OR</u>	
				MATH 228B	Statistics Pathway (5) Part II
				<u>OR</u>	
				STAT 1	Elementary Statistics (3) I for the Social Sciences

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**END OF MAJOR**

====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.

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**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.

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**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.

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**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.

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

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ANTHRO 4	Anthro Linguistics	(4)	ANTHRO 161	Introduction to Language and Linguistics	(3)
			<u>OR</u>		
			COMM 122	Intercultural Communication	(3)
	<u>OR</u>				
LINGUIS 1	Intro Linguistics	(4)	ANTHRO 161	Introduction to Language and Linguistics	(3)
-----					
COMUNCN 1	Intro Public Spkg	(4)	COMM 101	Public Speaking	(3)
	<u>OR</u>				
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	COMM 121	Interpersonal Communication	(3)
	<u>OR</u>				
COMUNCN 5	Global English Comm Same as: LINGUIS 5	(4)	NO COURSE	ARTICULATED:College has not submitted course(s)for articulation	
			COMM 122	Intercultural Communication	(3)
	<u>OR</u>				
LINGUIS 5	Global English Comm Same as: COMUNCN 5	(4)	NO COURSE	ARTICULATED:College has not submitted course(s)for articulation	
			COMM 122	Intercultural Communication	(3)
-----					
COMUNCN 10Y	Intro to Communication	(4)	NO COURSE	ARTICULATED: College has not submitted course(s)for articulation	
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B) ENG CS 15	Intro to Computers	(4)	CO SCI 501	Introduction to Computers and Their Uses	(3)

**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.**

	<u>OR</u>			<u>OR</u>	
PHILOS 12	Intro to Symbol Logic	(4)	PHILOS 9	Symbolic Logic I	(3)
-----					
PSYCH 1	General Psychology	(4)	PSYCH 1	General Psychology I	(3)
-----					
SOCIOL 1	Intro Sociology	(5)	SOC 1	Introduction to Sociology	(3)
-----					
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE		
	<u>OR</u>				
STATIST 13	Elementary Statistics Same as: STATIST 13Y	(4)	MATH 227	Statistics	(4)
			<u>OR</u>		
			MATH 228B	Statistics Pathway Part II	(5)
			<u>OR</u>		
			STAT 1	Elementary Statistics I for the Social Sciences	(3)

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**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.

====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](#). 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.

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**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.

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

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**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.

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

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**TWO COURSES FROM THE FOLLOWING:**

COMUNCN 1	Intro Public Spkg	(4)	COMM 101	Public Speaking	(3)
COMPLIT 1	Major Books-Ancient World	(4)	ENGLISH 203	World Literature I	(3)
COMPLIT 2	Major Books-Middle Ages to Enlightenment	(4)	ENGLISH 203 & ENGLISH 204	World Literature I	(3)
COMPLIT 3	Major Books-The Modern Crisis	(4)	ENGLISH 204	World Literature II	(3)
COMPLIT 4	Maj Books:Cont Wrld	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ENGLISH 3	Intro to Lit	(4)	ENGLISH 102	College Reading and Composition II	(3)
N A STD 5	Intro NA Literature	(4)	NO COMPARABLE COURSE		
UWRITING 1	Expository Writing	(4)	ENGLISH 101	College Reading and Composition I	(3)
UWRITING 48	Style in the Essay Formerly UWRITING 18	(4)	NO COMPARABLE COURSE		
UWRITING 49	Writing Research Papers Formerly UWRITING 19	(4)	NO COMPARABLE COURSE		

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CM&RGDE 1	The Community	(4)	NO COMPARABLE COURSE		
CM&RGDE 2	Ethnicity Amer Comm	(4)	NO COMPARABLE COURSE		

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PL SCI 21	Computers in Technology	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
<b>OR</b>			<b>OR</b>		
B) ENG CS 15	Intro to Computers	(4)	CO SCI 501	Introduction to Computers and Their Uses	(3)

**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.**

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ECON 1A	Princ of Microecon	(4)	ECON 1	Principles of Economics I	(3)
<b>OR</b>			<b>OR</b>		
ECON 1B	Princ of Macroecon	(4)	ECON 2	Principles of Economics II	(3)

ANTHRO 2	Cultural Anthropology	(5)	OR	ANTHRO 102	Human Ways of Life: Cultural Anthropology	(3)
SOCIOL 1	Intro Sociology	(5)	OR	SOC 1	Introduction to Sociology	(3)
STATIST 13	Elementary Statistics	(4)	OR	MATH 227	Statistics	(4)
	Same as: STATIST 13Y		OR	MATH 228B	Statistics Pathway Part II	(5)
			OR	STAT 1	Elementary Statistics I for the Social Sciences	(3)
STATIST 32	Gateway to Data Science	(4)	OR	NO COMPARABLE COURSE		
SOCIOL 46B	Intro Social Rsch	(5)	OR	NO COMPARABLE COURSE		

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**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.

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**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.

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**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.

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**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.

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**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.

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COMPLIT 1	Major Books-Ancient World	(4)	ENGLISH 203	World Literature I	(3)
	OR			OR	
COMPLIT 2	Major Books-Middle Ages to Enlightenment	(4)	ENGLISH 203 & ENGLISH 204	World Literature I World Literature II	(3) (3)
COMPLIT 3	Major Books-The Modern Crisis	(4)	ENGLISH 204	World Literature II	(3)
	OR			OR	
COMPLIT 4	Maj Books:Cont Wrld	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

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**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)	ENGLISH 203	World Literature I	(3)
COMPLIT 2	Major Books-Middle Ages to Enlightenment	(4)	ENGLISH 203 & ENGLISH 204	World Literature I World Literature II	(3) (3)
COMPLIT 3	Major Books-The Modern Crisis	(4)	ENGLISH 204	World Literature II	(3)
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 COURSE ARTICULATED: College has not submitted course(s) for articulation		
COMPLIT 6	Myths & Legends	(4)	ENGLISH 250	Mythology and Literature	(3)
COMPLIT 7	Lit:Fant,Supernatl	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
COMPLIT 8	Utopias Transform	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
COMPLIT 9	Short Story & Novella	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
COMPLIT 11	Travel and Modern World Same as: GERMAN 11	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
COMPLIT 12	Intro Women Writers	(4)	NO COMPARABLE COURSE		
COMPLIT 13	Dramatic Lit	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
COMPLIT 14	Intro Poetry	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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 COURSE ARTICULATED: College has not submitted course(s) for articulation		
COMPLIT 53A	Lit of East Asia	(4)	NO COMPARABLE COURSE		

COMPLIT 53B	Lit of South Asia	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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.**

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

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**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/>

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**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.

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**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](#).

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**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.

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**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.

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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.

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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/>

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**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.

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**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](#).

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**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.

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**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.

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

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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.

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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.

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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.

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**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.

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**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.

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**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 261	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 262	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 263	Calculus III	(5)
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MATH 22A	Linear Algebra	(3)	MATH 270	Linear Algebra	(3)
	<b>OR</b>			<b>OR</b>	
MATH 67	Modern Linear Algebra	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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ENG CS 20	C Sci/Discrete Math	(4)	CO SCI 542	Discrete Structures for Computer Science	(3)
ENG CS 36A	Programming	(4)	CO SCI 539	Programming in C	(3)
	Formerly ENG CS 30		<b>OR</b>		
ENG CS 36B	Object-Oriented Program	(4)	CO SCI 552	Programming in Java	(3)
	Formerly ENG CS 40		CO SCI 540	Object Oriented Programming in C++	(3)
ENG CS 36C	Data Structures	(4)	CO SCI 536	Introduction to Data Structures	(3)
	Formerly ENG CS 60				
ENG CS 50	Machine Dependent Prog	(4)	CO SCI 516	Beginning Computer Architecture and Organization	(3)

**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.**

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**THREE OF THE FOLLOWING COURSES:**

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOLGY 6	General Biology I	(5)
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BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOLOGY 7	General Biology II	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOLOGY 6	General Biology I	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM 101	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 101 &	General Chemistry I	(5)
			CHEM 102	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 102	General Chemistry II	(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		
PHYSICS 9A	Classical Physics	(5)	PHYSICS 101	Physics for Engineers and Scientists I	(5)
PHYSICS 9B	Classical Physics	(5)	PHYSICS 102 &	Physics for Engineers and Scientists II	(5)
			PHYSICS 103	Physics for Engineers and Scientists III	(5)
PHYSICS 9C	Classical Physics	(5)	PHYSICS 102 &	Physics for Engineers and Scientists II	(5)
			PHYSICS 103	Physics for Engineers and Scientists III	(5)

END OF MAJOR

====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.

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**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.

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**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.

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**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.

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**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	
f) DESIGN 14	Design Drawing	(4)		ARC 121 Freehand Drawing I	(2)
				<b>OR</b>	
				ART 201 & Drawing I	(3)
				ART 202 Drawing II	(3)
	<b>OR</b>			<b>OR</b>	
DESIGN 21	Drafting and Perspective	(4)		ART 209 Perspective Drawing I	(3)
DESIGN 15	Form & Color	(4)		ENV 101 Foundations of Design I	(3)
	<b>AND</b>			<b>AND</b>	
DESIGN 16	Graphics & The Computer	(4)		NO COMPARABLE COURSE	
DESIGN 40A	Energy, Materials, Design	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
	<b>OR</b>			<b>OR</b>	
DESIGN 40B	Ideologies of Design	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
	<b>OR</b>			<b>OR</b>	
DESIGN 40C	Design Aesthetics/Exper	(4)		NO COURSE ARTICULATED: College has not submitted course(s)for articulation	

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**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 COURSE ARTICULATED: College has not submitted course(s) for articulation	
DESIGN 40B	Ideologies of Design	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
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 Wrtnng	(4)		NO COURSE ARTICULATED: College has not submitted course(s)for articulation	
	<b>OR</b>			<b>OR</b>	
UWRITING 12	Writing/Visual Rhetoric	(4)		NO COURSE ARTICULATED: College has not submitted course(s)for articulation	
	<b>OR</b>			<b>OR</b>	
UWRITING 48	Style in the Essay	(4)		NO COMPARABLE COURSE	

Formerly UWRITING 18  
OR  
UWRITING 49 Writing Research Papers (4) | NO COMPARABLE COURSE  
Formerly UWRITING 19  
OR  
**END OF MAJOR**

f) The Department of Design at UC Davis will accept Los Angeles Pierce College's ART 201 and 202 in lieu of DESIGN 14. The Art Department at UC Davis will accept Los Angeles Pierce College's ART 201 or 202 in lieu of ART 2.

====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.

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**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.

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**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.

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**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.

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**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.

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

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**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 (4) | NO COMPARABLE COURSE  
 | English)  
 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 (4) | NO COMPARABLE COURSE  
 | Philosophy

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**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) | JAPAN 1 Elementary Japanese I (5)  
 y) JPNESE 2 Elem Japanese (5) | JAPAN 1 & Elementary Japanese I (5)  
 | JAPAN 2 Elementary Japanese II (5)

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.

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**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.

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**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.

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**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.

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**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.

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BIOLSCI 2A	Intro Biology:Life on Earth	(5)		BIOLOGY 6	General Biology I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOLOGY 7	General Biology II	(5)

BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOLOGY 6	General Biology I	(5)
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CHEM 2A	Genl Chemistry	(5)	CHEM 101	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 101 & CHEM 102	General Chemistry I General Chemistry II	(5) (5)
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PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE		
<b>OR</b>					
PHYSICS 7A	General Physics	(4)	PHYSICS 6 & PHYSICS 7	General Physics I General Physics II	(4) (4)
<b>OR</b>					
			PHYSICS 66 &	Physics for Life Science Majors I	(5)
			PHYSICS 67	Physics for Life Science Majors II	(5)
PHYSICS 7B	General Physics	(4)	PHYSICS 6 & PHYSICS 7	General Physics I General Physics II	(4) (4)
<b>OR</b>					
			PHYSICS 66 &	Physics for Life Science Majors I	(5)
			PHYSICS 67	Physics for Life Science Majors II	(5)
PHYSICS 7C	General Physics	(4)	PHYSICS 6 & PHYSICS 7	General Physics I General Physics II	(4) (4)
<b>OR</b>					
			PHYSICS 66 &	Physics for Life Science Majors I	(5)
			PHYSICS 67	Physics for Life Science Majors II	(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 261	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 262	Calculus II	(5)
<b>OR</b>					
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		
<b>OR</b>					
MATH 21A	Calculus	(4)	MATH 261	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 262	Calculus II	(5)
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ENV S&P 1	Env Analysis	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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**PREPARATION FOR GRADUATION:**

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

====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.

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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

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**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.

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**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.

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**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.

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**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.

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ECON 1A	Princ of Microecon	(4)	ECON 1	Principles of Economics I	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 2	Principles of Economics II	(3)

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STATIST 13	Elementary Statistics	(4)	MATH 227	Statistics	(4)
Same as: STATIST 13Y			<u>OR</u>		
			MATH 228B	Statistics Pathway Part II	(5)
			<u>OR</u>		
			STAT 1	Elementary Statistics I for the Social Sciences	(3)
	<u>OR</u>		<u>OR</u>		
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		

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MATH 16A	Short Calculus	(3)	MATH 261	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 262	Calculus II	(5)
	<u>OR</u>		<u>OR</u>		
MATH 21A	Calculus	(4)	MATH 261	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 262	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 263	Calculus III	(5)
MATH 22A	Linear Algebra	(3)	MATH 270	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/>

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**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.

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**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](#).

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**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.

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**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.

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	<b>OR</b>			<b>OR</b>	Composition II
UWRITING 1	Expository Writing	(4)	ENGLISH 101	College Reading and Composition I	(3)
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ENGLISH 10A	Literatures in English I: To 1700	(4)	ENGLISH 205	English Literature I	(3)
ENGLISH 10B	Literatures in English II: 1700-1900	(4)	ENGLISH 206	English Literature II	(3)
<b>OR</b>					
			ENGLISH 207	American Literature I	(3)
ENGLISH 10C	Literatures in English III: 1900 to Present	(4)	ENGLISH 208	American Literature II	(3)
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**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 COURSE ARTICULATED: College has not submitted course(s) for articulation		
ENGLISH 45	Intro Topics in Poetry	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

**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.

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**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.

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**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.

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BIOLSCI 2A	Intro Biology: Life on Earth	(5)		BIOLOGY 6	General Biology I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOLOGY 7	General Biology II	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOLOGY 6	General Biology I	(5)
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CHEM 2A	Genl Chemistry	(5)		CHEM 101	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 101 &	General Chemistry I	(5)
				CHEM 102	General Chemistry II	(5)
<hr/>						
CHEM 8A	Organic Chem-Brief	(2)		NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)		NO COMPARABLE COURSE		

	<b>OR</b>			<b>OR</b>	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 211	Organic Chemistry for Science Majors I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 211 &	Organic Chemistry for Science Majors I	(5)
			CHEM 212	Organic Chemistry for Science Majors II	(5)
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MATH 16A	Short Calculus	(3)	MATH 261	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 262	Calculus II	(5)
MATH 16C	Short Calculus	(3)	MATH 262	Calculus II	(5)
	<b>OR</b>			<b>OR</b>	
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	
	<b>OR</b>			<b>OR</b>	
MATH 21A	Calculus	(4)	MATH 261	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 262	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 263	Calculus III	(5)
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PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE		
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STATIST 13	Elementary Statistics	(4)	MATH 227	Statistics	(4)
	Same as: STATIST 13Y		<b>OR</b>		
			MATH 228B	Statistics Pathway Part II	(5)
			<b>OR</b>		
			STAT 1	Elementary Statistics I for the Social Sciences	(3)
	<b>OR</b>			<b>OR</b>	
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		
	<b>OR</b>			<b>OR</b>	
PL SCI 21	Computers in Technology	(3)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	

**====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.

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**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/>

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**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.

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**Transfer Admission Guarantee (TAG) Note:**

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**General Education (GE) Note:**

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

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**END OF MAJOR**

**====Environmental Horticulture and Urban Forestry B.S.====**

**Special Advising Note:**

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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.

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**Transfer Admission Guarantee (TAG) Note:**

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

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**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.

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**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.

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ENVHORT 1	Intro Envhort/Urb For	(3)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ENVHORT 6	Intro Environ Plants	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
<hr/>				
LND ARC 30	History Environ Design	(4)		NO COMPARABLE COURSE
<hr/>				
BIOLSCI 2A	Intro Biology: Life on Earth	(5)		BIOLOGY 6 General Biology I (5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOLOGY 7 General Biology II (5)
PL SCI 2	Bot Physio Cul Plt	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
<hr/>				
CHEM 2A	Genl Chemistry	(5)		CHEM 101 General Chemistry I (5)
CHEM 2B	Genl Chemistry	(5)		CHEM 101 & General Chemistry I (5)
				CHEM 102 General Chemistry II (5)
<hr/>				
ENV S&P 1	Env Analysis	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	<b>OR</b>			<b>OR</b>
ENV S&P 10	Current Issues in Environment	(3)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	<b>ENV S&amp;P 10 not open for credit to students who have completed ENV S&amp;P 1</b>			
	<b>OR</b>			<b>OR</b>
ENV S&P 30	Global Ecosystem	(3)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	Same as: ENV SC&M 30			
<hr/>				
PHYSICS 1A	Principles Physics	(3)		NO COMPARABLE COURSE
PHYSICS 1B	Principles Physics	(3)		NO COMPARABLE COURSE
<hr/>				
PL SCI 21	Computers in Technology	(3)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
<hr/>				
MATH 16A	Short Calculus	(3)		MATH 261 Calculus I (5)
	<b>OR</b>			<b>OR</b>
STATIST 13	Elementary Statistics	(4)		MATH 227 Statistics (4)
	Same as: STATIST 13Y			<b>OR</b>
				MATH 228B Statistics Pathway Part II (5)
				<b>OR</b>
				STAT 1 Elementary Statistics I for the Social Sciences (3)

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**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**  
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**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 101 Public Speaking (3)  
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**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.

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**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.  
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**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.  
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**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.

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**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 101	Public Speaking	(3)
	<b>OR</b>			<b>OR</b>	
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	COMM 121	Interpersonal Communication	(3)
	<b>OR</b>			<b>OR</b>	
DRAMART 10	Intro To Acting	(4)	THEATER 270	Beginning Acting	(3)
			<b>OR</b>		
			THEATER 271	Intermediate Acting	(3)
			<b>OR</b>		
			THEATER 273	Advanced Acting	(2)
BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOLOGY 6	General Biology I	(5)
	<b>OR</b>			<b>OR</b>	
BIOLSCI 10	Everyday Biology	(4)	BIOLOGY 3	Introduction to Biology	(4)
CHEM 2A	Genl Chemistry	(5)	CHEM 101	General Chemistry I	(5)
	<b>OR</b>			<b>OR</b>	
CHEM 10	Concept of Chem	(4)	NO COMPARABLE COURSE		
PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOLOGY 7	General Biology II	(5)
	<b>OR</b>			<b>OR</b>	

CHEM 2B	Genl Chemistry	(5)	CHEM 101 & General Chemistry I	(5)
			CHEM 102 General Chemistry II	(5)
	<b>OR</b>		<b>OR</b>	
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE	

**ONE COURSE FROM THE FOLLOWING:**

PL SCI 21	Computers in Technology	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	<b>OR</b>		<b>OR</b>
SCI&SOC 18	GIS & Society	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

ECON 1A	Princ of Microecon	(4)	ECON 1 Principles of Economics I	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 2 Principles of Economics II	(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	
k) GEOLOGY 1	The Earth	(4)	GEOLOGY 1 Physical Geology	(3)
PL SCI 12	Plants and Society	(4)	NO COMPARABLE COURSE	
	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)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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MATH 16A	Short Calculus	(3)	MATH 261 Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 262 Calculus II	(5)
	<b>OR</b>		<b>OR</b>	
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	
	<b>OR</b>		<b>OR</b>	
MATH 21A	Calculus	(4)	MATH 261 Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 262 Calculus II	(5)

POL SCI 1	Amer Natl Govt	(4)	POL SCI 1 The Government of the United States	(3)
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STATIST 13	Elementary Statistics	(4)	MATH 227 Statistics	(4)
	Same as: STATIST 13Y		<b>OR</b>	
			MATH 228B Statistics Pathway Part II	(5)
			<b>OR</b>	
			STAT 1 Elementary Statistics I for the Social Sciences	(3)
	<b>OR</b>		<b>OR</b>	
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
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END OF MAJOR

k) If a student takes GEOLOGY 1 at Los Angeles Pierce 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.

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**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.

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**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.

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**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.

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**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.

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COMUNCN 1	Intro Public Spkg	(4)	COMM 101	Public Speaking	(3)
	<b>OR</b>			<b>OR</b>	
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	COMM 121	Interpersonal Communication	(3)
	<b>OR</b>			<b>OR</b>	
DRAMART 10	Intro To Acting	(4)	THEATER 270	Beginning Acting	(3)
			<b>OR</b>		
			THEATER 271	Intermediate Acting	(3)
			<b>OR</b>		
			THEATER 273	Advanced Acting	(2)
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BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOLOGY 6	General Biology I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOLOGY 7	General Biology II	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOLOGY 6	General Biology I	(5)
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CHEM 2A	Genl Chemistry	(5)	CHEM 101	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 101 & CHEM 102	General Chemistry I & II	(5)
	<b>OR</b>			<b>OR</b>	
CHEM 2AH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
CHEM 2BH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
<hr/>					
k) GEOLOGY 1	The Earth	(4)	GEOLOGY 1	Physical Geology	(3)
	<b>OR</b>			<b>OR</b>	
i) GEOLOGY 50	Physical Geology	(3)	GEOLOGY 1	Physical Geology	(3)
k)					
<hr/>					
PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE		
	<b>OR</b>			<b>OR</b>	
PHYSICS 7A	General Physics	(4)	PHYSICS 6 & PHYSICS 7	General Physics I & II	(4)
			<b>OR</b>		
			PHYSICS 66 &	Physics for Life Science Majors I	(5)

			PHYSICS 67	Physics for Life Science Majors II	(5)
PHYSICS 7B	General Physics	(4)	PHYSICS 6 & PHYSICS 7	General Physics I General Physics II	(4) (4)
			<u>OR</u>		
			PHYSICS 66 & PHYSICS 67	Physics for Life Science Majors I Physics for Life Science Majors II	(5) (5) (5)
PHYSICS 7C	General Physics	(4)	PHYSICS 6 & PHYSICS 7	General Physics I General Physics II	(4) (4)
			<u>OR</u>		
			PHYSICS 66 & PHYSICS 67	Physics for Life Science Majors I Physics for Life Science Majors II	(5) (5) (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 1	Principles of Economics I	(3)
MATH 16A	Short Calculus	(3)	MATH 261	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 262	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 261	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 262	Calculus II	(5)
ENV S&P 1	Env Analysis	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

**RECOMMENDED COURSES FOR THIS MAJOR:**

CHEM 2C	Genl Chemistry	(5)	CHEM 102	General Chemistry II	(5)
	<u>OR</u>			<u>OR</u>	
CHEM 2CH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		

**PREPARATION FOR GRADUATION:**

STATIST 13	Elementary Statistics	(4)	MATH 227	Statistics	(4)
Same as: STATIST 13Y			<u>OR</u>		
			MATH 228B	Statistics Pathway Part II	(5)
			<u>OR</u>		
			STAT 1	Elementary Statistics I for the Social Sciences	(3)

**ECOLOGY, BIODIVERSITY, AND CONSERVATION TRACK:**

ATM SCI 60	Intro to Atmospheric Science	(4)	NO COMPARABLE COURSE		
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**CLIMATE CHANGE AND AIR QUALITY TRACK:**

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

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**WATERSHED SCIENCE TRACK:**

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

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**END OF MAJOR**

- k) If a student takes GEOLOGY 1 at Los Angeles Pierce College, credit will be given for UC Davis's GEOLOGY 1 or 50, not both
- i) This course is not strictly comparable with UC Davis courses but will fulfill the introductory physical geology requirement for the geology major at UC Davis.

**====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.

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**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.

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**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.



CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 211 &	Organic Chemistry for Science Majors I	(5)
			CHEM 212	Organic Chemistry for Science Majors II	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 212	Organic Chemistry for Science Majors II	(5)
	<b>OR</b>			<b>OR</b>	
CHEM 128A	Organic Chemistry	(3)	CHEM 211	Organic Chemistry for Science Majors I	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 211 &	Organic Chemistry for Science Majors I	(5)
			CHEM 212	Organic Chemistry for Science Majors II	(5)
CHEM 128C	Organic Chemistry	(3)	CHEM 212	Organic Chemistry for Science Majors II	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 211	Organic Chemistry for Science Majors I	(5)
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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		
	<b>OR</b>			<b>OR</b>	
MATH 21A	Calculus	(4)	MATH 261	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 262	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 263	Calculus III	(5)
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PHYSICS 7A	General Physics	(4)	PHYSICS 6 &	General Physics I	(4)
			PHYSICS 7	General Physics II	(4)
			<b>OR</b>		
			PHYSICS 66 &	Physics for Life Science Majors I	(5)
			PHYSICS 67	Physics for Life Science Majors II	(5)
PHYSICS 7B	General Physics	(4)	PHYSICS 6 &	General Physics I	(4)
			PHYSICS 7	General Physics II	(4)
			<b>OR</b>		
			PHYSICS 66 &	Physics for Life Science Majors I	(5)
			PHYSICS 67	Physics for Life Science Majors II	(5)
PHYSICS 7C	General Physics	(4)	PHYSICS 6 &	General Physics I	(4)
			PHYSICS 7	General Physics II	(4)
			<b>OR</b>		
			PHYSICS 66 &	Physics for Life Science Majors I	(5)
			PHYSICS 67	Physics for Life Science Majors II	(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.

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**END OF MAJOR**

**====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.

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#### **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.

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**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.

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**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.

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**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.

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**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.

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BIOLSCI 2A	Intro Biology:Life on Earth	(5)		BIOLOGY 6	General Biology I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOLOGY 7	General Biology II	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOLOGY 6	General Biology I	(5)
<hr/>						
CHEM 2A	Genl Chemistry	(5)		CHEM 101	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 101 & CHEM 102	General Chemistry I	(5)
					General Chemistry II	(5)
<hr/>						
CHEM 8A	Organic Chem-Brief	(2)		NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)		NO COMPARABLE COURSE		
<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		
	<b>OR</b>			<b>OR</b>		
MATH 21A	Calculus	(4)		MATH 261	Calculus I	(5)
MATH 21B	Calculus	(4)		MATH 262	Calculus II	(5)
<hr/>						
PHYSICS 1A	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 263 Calculus III	(5)

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**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.

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**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.

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**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.

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**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)	BIOLSCY 6	General Biology I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOLSCY 7	General Biology II	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOLSCY 6	General Biology I	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 101	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 101 & CHEM 102	General Chemistry I	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 102	General Chemistry II	(5)

CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
<b>OR</b>					
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 211	Organic Chemistry for Science Majors I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 211 & CHEM 212	Organic Chemistry for Science Majors I	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 212	Organic Chemistry for Science Majors 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		

	<b>OR</b>			<b>OR</b>	
MATH 21A	Calculus	(4)		MATH 261	Calculus I (5)
MATH 21B	Calculus	(4)		MATH 262	Calculus II (5)
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PHYSICS 7A	General Physics	(4)		PHYSICS 6 &	General Physics I (4)
				PHYSICS 7	General Physics II (4)
				<b>OR</b>	
				PHYSICS 66 &	Physics for Life (5)
					Science Majors I
				PHYSICS 67	Physics for Life (5)
					Science Majors II
PHYSICS 7B	General Physics	(4)		PHYSICS 6 &	General Physics I (4)
				PHYSICS 7	General Physics II (4)
				<b>OR</b>	
				PHYSICS 66 &	Physics for Life (5)
					Science Majors I
				PHYSICS 67	Physics for Life (5)
					Science Majors II
PHYSICS 7C	General Physics	(4)		PHYSICS 6 &	General Physics I (4)
				PHYSICS 7	General Physics II (4)
				<b>OR</b>	
				PHYSICS 66 &	Physics for Life (5)
					Science Majors I
				PHYSICS 67	Physics for Life (5)
					Science Majors II

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 263	Calculus III (5)
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**END OF MAJOR**

====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 101	General Chemistry I (5)
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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 2B	Genl Chemistry	(5)		CHEM 101 &	General Chemistry I (5)
				CHEM 102	General Chemistry II (5)
CHEM 2C	Genl Chemistry	(5)		CHEM 102	General Chemistry II (5)

B) ENG CS 15	Intro to Computers	(4)		CO SCI 501	Introduction to (3)
					Computers and Their Uses
				<b>OR</b>	
ENG CS 36A	Programming	(4)		CO SCI 539	Programming in C (3)
Formerly ENG CS 30				<b>OR</b>	

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 261	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 262	Calculus II	(5)
MATH 16C	Short Calculus	(3)	MATH 262	Calculus II	(5)
	<b>OR</b>			<b>OR</b>	
MATH 21A	Calculus	(4)	MATH 261	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 262	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 263	Calculus III	(5)

PHYSICS 7A	General Physics	(4)	PHYSICS 6	<b>&amp;</b>	General Physics I	(4)	
			PHYSICS 7	<b> </b>	General Physics II	(4)	
				<b>OR</b>			
			PHYSICS 66	<b>&amp;</b>	Physics for Life Science Majors I	(5)	
PHYSICS 7B	General Physics	(4)	PHYSICS 67		Physics for Life Science Majors II	(5)	
			PHYSICS 6	<b>&amp;</b>	General Physics I	(4)	
			PHYSICS 7	<b> </b>	General Physics II	(4)	
				<b>OR</b>			
PHYSICS 7C	General Physics	(4)	PHYSICS 66	<b>&amp;</b>	Physics for Life Science Majors I	(5)	
			PHYSICS 67		Physics for Life Science Majors II	(5)	
			PHYSICS 6	<b>&amp;</b>	General Physics I	(4)	
			PHYSICS 7	<b> </b>	General Physics II	(4)	
			<b>OR</b>				
PHYSICS 7C	General Physics	(4)	PHYSICS 66	<b>&amp;</b>	Physics for Life Science Majors I	(5)	
			PHYSICS 67		Physics for Life Science Majors II	(5)	
			PHYSICS 6	<b>&amp;</b>	General Physics I	(4)	
			PHYSICS 7	<b> </b>	General Physics II	(4)	
			<b>OR</b>				
PHYSICS 7C	General Physics	(4)	PHYSICS 66	<b>&amp;</b>	Physics for Life Science Majors I	(5)	
			PHYSICS 67		Physics for Life Science Majors II	(5)	
			PHYSICS 6	<b>&amp;</b>	General Physics I	(4)	
			PHYSICS 7	<b> </b>	General Physics II	(4)	

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.

	<b>OR</b>			<b>OR</b>		
PHYSICS 9A	Classical Physics	(5)	PHYSICS 101	Physics for Engineers and Scientists I	(5)	
PHYSICS 9B	Classical Physics	(5)	PHYSICS 102	<b>&amp;</b>	Physics for Engineers and Scientists II	(5)
			PHYSICS 103		Physics for Engineers and Scientists III	(5)
			PHYSICS 102	<b>&amp;</b>	Physics for Engineers and Scientists II	(5)
PHYSICS 9C	Classical Physics	(5)	PHYSICS 103		Physics for Engineers and Scientists III	(5)

STATIST 13	Elementary Statistics	(4)	MATH 227	Statistics	(4)
	Same as: STATIST 13Y			<b>OR</b>	
			MATH 228B	Statistics Pathway	(5)

Part II

OR

STAT 1

Elementary Statistics (3)  
I for the Social  
Sciences

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TEX&CL 6 Intro Textiles (4) | NO COMPARABLE COURSE

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TEX&CL 8 Textile Apparel Ind (4) | NO COMPARABLE COURSE  
OR OR

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ENGIN 45 Prop of Mats (4) | NO COMPARABLE COURSE  
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**PREPARATION FOR GRADUATION:**

CHEM 128A Organic Chemistry (3) | CHEM 211 Organic Chemistry for (5)  
Science Majors I  
CHEM 128B Organic Chemistry (3) | CHEM 211 & Organic Chemistry for (5)  
Science Majors I  
CHEM 212 Organic Chemistry for (5)  
Science Majors II  
CHEM 128C Organic Chemistry (3) | CHEM 212 Organic Chemistry for (5)  
Science Majors II  
CHEM 129A Organic Chem Lab (2) | CHEM 211 Organic Chemistry for (5)  
Science Majors I  
CHEM 129B Organic Chem Lab (2) | CHEM 211 & Organic Chemistry for (5)  
Science Majors I  
CHEM 212 Organic Chemistry for (5)  
Science Majors II  
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**ELECTIVE COURSES:**

ECON 1A Princ of Microecon (4) | ECON 1 Principles of Economics (3)  
I  
ECON 1B Princ of Macroecon (4) | ECON 2 Principles of Economics (3)  
II  
-----  
MATH 22A Linear Algebra (3) | MATH 270 Linear Algebra (3)  
MATH 22B Differntl Equations (3) | MATH 275 Ordinary Differential (3)  
Equations  
-----  
PL SCI 21 Computers in Technology (3) | NO COURSE ARTICULATED: College has not  
submitted course(s) for articulation  
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**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.

**====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.

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**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.

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**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.

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**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 101	Public Speaking	(3)
MATH 16A	Short Calculus	(3)	MATH 261	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 262	Calculus II	(5)
MATH 16C	Short Calculus	(3)	MATH 262	Calculus II	(5)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOLOGY 6	General Biology I	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM 101	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 101 &	General Chemistry I	(5)
			CHEM 102	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 102	General Chemistry II	(5)
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
	<b>AND</b>		<b>AND</b>		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
	<b>OR</b>		<b>OR</b>		
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 211	Organic Chemistry for Science Majors I	(5)
	<b>AND</b>		<b>AND</b>		
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 211 &	Organic Chemistry for Science Majors I	(5)
	<b>OR</b>		CHEM 212	Organic Chemistry for Science Majors II	(5)
	<b>OR</b>		<b>OR</b>		
CHEM 128A	Organic Chemistry	(3)	CHEM 211	Organic Chemistry for Science Majors I	(5)
	<b>AND</b>		<b>AND</b>		
CHEM 128B	Organic Chemistry	(3)	CHEM 211 &	Organic Chemistry for Science Majors I	(5)
	<b>OR</b>		CHEM 212	Organic Chemistry for Science Majors II	(5)
	<b>AND</b>		<b>AND</b>		
CHEM 129A	Organic Chem Lab	(2)	CHEM 211	Organic Chemistry for Science Majors I	(5)
PHYSICS 7A	General Physics	(4)	PHYSICS 6 &	General Physics I	(4)
			PHYSICS 7	General Physics II	(4)
			<b>OR</b>		
			PHYSICS 66 &	Physics for Life Science Majors I	(5)
			PHYSICS 67	Physics for Life Science Majors II	(5)
PHYSICS 7B	General Physics	(4)	PHYSICS 6 &	General Physics I	(4)
			PHYSICS 7	General Physics II	(4)
			<b>OR</b>		
			PHYSICS 66 &	Physics for Life Science Majors I	(5)
			PHYSICS 67	Physics for Life Science Majors II	(5)
PHYSICS 7C	General Physics	(4)	PHYSICS 6 &	General Physics I	(4)
			PHYSICS 7	General Physics II	(4)
			<b>OR</b>		
			PHYSICS 66 &	Physics for Life	(5)

			Science Majors I	
	PHYSICS 67		Physics for Life	(5)
			Science Majors II	

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.

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FD S&T 50	Intro Food Preservation	(3)	NO COMPARABLE COURSE	
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STATIST 13	Elementary Statistics	(4)	MATH 227	Statistics	(4)
Same as: STATIST 13Y			<u>OR</u>		
			MATH 228B	Statistics Pathway Part II	(5)
			<u>OR</u>		
			STAT 1	Elementary Statistics I for the Social Sciences	(3)

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NUTR 10	Discoveries and Concepts	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
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**RECOMMENDED FOR STUDENTS INTENDING TO PURSUE GRADUATE OR PROFESSIONAL STUDIES:**

CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 212	Organic Chemistry for Science Majors II	(5)
	<u>OR</u>		<u>OR</u>		
CHEM 128C	Organic Chemistry	(3)	CHEM 212	Organic Chemistry for Science Majors II	(5)
	<u>AND</u>		<u>AND</u>		
CHEM 129B	Organic Chem Lab	(2)	CHEM 211 &	Organic Chemistry for Science Majors I	(5)
			CHEM 212	Organic Chemistry for Science Majors II	(5)
	<u>AND</u>		<u>AND</u>		
CHEM 129C	Organic Chem Lab	(2)	CHEM 212	Organic Chemistry for Science Majors II	(5)

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END OF MAJOR

**====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](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.

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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.

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**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.

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**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.

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FRENCH 1	Elementary French	(5)	FRENCH 1	Elementary French I	(5)
FRENCH 2	Elementary French	(5)	FRENCH 2	Elementary French II	(5)
FRENCH 3	Elementary French	(5)	FRENCH 3	Intermediate French I	(5)
FRENCH 21	Intermed French	(5)	FRENCH 4	Intermediate French II	(5)
FRENCH 22	Intermed French	(5)	FRENCH 5	Advanced French I	(5)
FRENCH 23	Intermed French	(5)	FRENCH 6	Advanced French II	(5)

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**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:**

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

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**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.

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

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WOM STD 50	Intro Gender Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
WOM STD 60	Feminist Critiques	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
WOM STD 70	Sexual:Thry&Hist	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

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**TWO COURSES FROM THE FOLLOWING:**

AF-AMST 10	Af-Am Culture & Soc	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AF-AMST 17	Women in Africa	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AMR STD 21	Objects & Everyday Life	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AMR STD 30	Amr Images Pop Cult	(4)	NO COMPARABLE COURSE
ANTHRO 2	Cultural Anthropology	(5)	ANTHRO 102 Human Ways of Life: (3) Cultural Anthropology
ANTHRO 20	Comparative Cultures	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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 COMPARABLE COURSE
CHICANO 10	Intro to Chic Std	(4)	NO COURSE ARTICULATED: College has not

CHICANO 21	Hlth Care Issues	(4)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not
CHICANO 50	Chicano Culture	(4)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not
COMPLIT 12	Intro Women Writers	(4)	submitted course(s) for articulation NO COMPARABLE COURSE
DRAMART 1	Theatre, Performance and Culture	(4)	NO COMPARABLE COURSE
ENGLISH 3	Intro to Lit	(4)	ENGLISH 102 College Reading and (3) Composition II
b) HISTORY 72A	Am Women & Gender	(4)	HISTORY 52 The Role of Women in (3) the History of the U.S.
b) HISTORY 72B	Am Women & Gender	(4)	HISTORY 52 The Role of Women in (3) the History of the U.S.
HISTORY 85	Nat,Man&Mach/Amer	(4)	NO COMPARABLE COURSE
N A STD 10	NA Experience	(4)	NO COMPARABLE COURSE
N A STD 32	NA Music & Dance	(4)	NO COMPARABLE COURSE
POL SCI 7	Law & Politics	(4)	NO COMPARABLE COURSE
PSYCH 1	General Psychology	(4)	PSYCH 1 General Psychology I (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		
SOCIOLOG 2	Self and Society	(4)	SOC 13 Society and Personality (3)
SOCIOLOG 3	Social Problems	(4)	SOC 2 American Social Problems (3)
SOCIOLOG 11	Sociology of Labor and Employment	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
SOCIOLOG 30A	Multicultural Societies	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
SOCIOLOG 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 Formerly UWRITING 19	(4)	NO COMPARABLE COURSE
WOM STD 20	Cult Repr of Gndr	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

**END OF MAJOR**

**b) If a student takes HISTORY 52 at Los Angeles Pierce College, credit will be given for UC Davis's HISTORY 72A or 72B, not both.**

**====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.

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### 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.

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### 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.

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### 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)	BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOLSCI 2A	Intro Biology:Life on Earth	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)
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CHEM 2A	Genl Chemistry	(5)	CHEM 2A	Genl Chemistry	(5)	CHEM 2A	Genl Chemistry	(5)	CHEM 2A	Genl Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 2B	Genl Chemistry	(5)	CHEM 2B	Genl Chemistry	(5)	CHEM 2B	Genl Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 2C	Genl Chemistry	(5)	CHEM 2C	Genl Chemistry	(5)	CHEM 2C	Genl Chemistry	(5)
<b>OR</b>											
CHEM 2AH	Honors Genl Chemistry	(5)	CHEM 2AH	Honors Genl Chemistry	(5)	CHEM 2AH	Honors Genl Chemistry	(5)	CHEM 2AH	Honors Genl Chemistry	(5)
CHEM 2BH	Honors Genl Chemistry	(5)	CHEM 2BH	Honors Genl Chemistry	(5)	CHEM 2BH	Honors Genl Chemistry	(5)	CHEM 2BH	Honors Genl Chemistry	(5)
CHEM 2CH	Honors Genl Chemistry	(5)	CHEM 2CH	Honors Genl Chemistry	(5)	CHEM 2CH	Honors Genl Chemistry	(5)	CHEM 2CH	Honors Genl Chemistry	(5)
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CHEM 8A	Organic Chem-Brief	(2)	CHEM 8A	Organic Chem-Brief	(2)	CHEM 8A	Organic Chem-Brief	(2)	CHEM 8A	Organic Chem-Brief	(2)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 8B	Organic Chem-Brief	(4)	CHEM 8B	Organic Chem-Brief	(4)	CHEM 8B	Organic Chem-Brief	(4)
<b>OR</b>											
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 118A	Org Chem, Hlth & Sci	(4)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 118B	Org Chem, Hlth & Sci	(4)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 118C	Org Chem, Hlth & Sci	(4)
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MATH 17A	Calculus for BioSci	(4)	MATH 17A	Calculus for BioSci	(4)	MATH 17A	Calculus for BioSci	(4)	MATH 17A	Calculus for BioSci	(4)
MATH 17B	Calculus for Biosci	(4)	MATH 17B	Calculus for Biosci	(4)	MATH 17B	Calculus for Biosci	(4)	MATH 17B	Calculus for Biosci	(4)
MATH 17C	Calculus for BioSci	(4)	MATH 17C	Calculus for BioSci	(4)	MATH 17C	Calculus for BioSci	(4)	MATH 17C	Calculus for BioSci	(4)
<b>OR</b>											
MATH 21A	Calculus	(4)	MATH 21A	Calculus	(4)	MATH 21A	Calculus	(4)	MATH 21A	Calculus	(4)
MATH 21B	Calculus	(4)	MATH 21B	Calculus	(4)	MATH 21B	Calculus	(4)	MATH 21B	Calculus	(4)
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PHYSICS 7A	General Physics	(4)	PHYSICS 7A	General Physics	(4)	PHYSICS 7A	General Physics	(4)	PHYSICS 7A	General Physics	(4)
PHYSICS 7B	General Physics	(4)	PHYSICS 7B	General Physics	(4)	PHYSICS 7B	General Physics	(4)	PHYSICS 7B	General Physics	(4)
PHYSICS 7C	General Physics	(4)	PHYSICS 7C	General Physics	(4)	PHYSICS 7C	General Physics	(4)	PHYSICS 7C	General Physics	(4)



**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) GEOLOGY 3	History of Life	(3)	GEOLOGY 2	Earth History	(3)
GEOLOGY 3L	History of Life Lab	(1)	GEOLOGY 7	Earth History Laboratory	(2)
i) GEOLOGY 50	Physical Geology	(3)	GEOLOGY 1	Physical Geology	(3)
k) GEOLOGY 50L	Physical Geol Lab	(2)	GEOLOGY 6	Physical Geology Laboratory	(2)
GEOLOGY 60	Earth Materials: Intro	(4)	NO COMPARABLE COURSE		

MATH 16A	Short Calculus	(3)	MATH 261	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 262	Calculus II	(5)
<b>OR</b>			<b>OR</b>		
MATH 21A	Calculus	(4)	MATH 261	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 262	Calculus II	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 101	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 101 &	General Chemistry I	(5)
			CHEM 102	General Chemistry II	(5)

PHYSICS 7A	General Physics	(4)	PHYSICS 6 &	General Physics I	(4)
			PHYSICS 7	General Physics II	(4)
			<b>OR</b>		
			PHYSICS 66 &	Physics for Life Science Majors I	(5)
			PHYSICS 67	Physics for Life Science Majors II	(5)
PHYSICS 7B	General Physics	(4)	PHYSICS 6 &	General Physics I	(4)
			PHYSICS 7	General Physics II	(4)
			<b>OR</b>		
			PHYSICS 66 &	Physics for Life Science Majors I	(5)
			PHYSICS 67	Physics for Life Science Majors II	(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 227	Statistics	(4)
Same as: STATIST 13Y			<b>OR</b>		
			MATH 228B	Statistics Pathway Part II	(5)
			<b>OR</b>		
			STAT 1	Elementary Statistics I for the Social Sciences	(3)
<b>OR</b>			<b>OR</b>		
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		

**END OF MAJOR**

- d) **This course is not strictly comparable with UC Davis courses but will fulfill the history of life requirement for the geology major at UC Davis.**
- i) **This course is not strictly comparable with UC Davis courses but will fulfill the introductory physical geology requirement for the geology**

major at UC Davis.

- k) If a student takes GEOLOGY 1 at Los Angeles Pierce College, credit will be given for UC Davis's GEOLOGY 1 or 50, not both

====Geology B.S.====

**Special Advising Note:**

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GEOLOGY 3L	History of Life Lab	(1)	GEOLOGY 7	Earth History Laboratory	(2)
i) GEOLOGY 50	Physical Geology	(3)	GEOLOGY 1	Physical Geology	(3)
k) GEOLOGY 50L	Physical Geol Lab	(2)	GEOLOGY 6	Physical Geology Laboratory	(2)
GEOLOGY 60	Earth Materials: Intro	(4)	NO COMPARABLE COURSE		
GEOLOGY 62	Optical Mineralogy	(2)	NO COMPARABLE COURSE		
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MATH 21A	Calculus	(4)	MATH 261	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 262	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 263	Calculus III	(5)

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CHEM 2A	Genl Chemistry	(5)	CHEM 101	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 101 &	General Chemistry I	(5)
			CHEM 102	General Chemistry II	(5)

**SELECT ONE OF THE FOLLOWING THREE OPTIONS:**

**GENERAL GEOLOGY OPTION:**

CHEM 2C	Genl Chemistry	(5)	CHEM 102	General Chemistry II	(5)
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		
PHYSICS 7A	General Physics	(4)	PHYSICS 6 &	General Physics I	(4)
			PHYSICS 7	General Physics II	(4)
			<u>OR</u>		
			PHYSICS 66 &	Physics for Life Science Majors I	(5)
			PHYSICS 67	Physics for Life Science Majors II	(5)
PHYSICS 7B	General Physics	(4)	PHYSICS 6 &	General Physics I	(4)
			PHYSICS 7	General Physics II	(4)
			<u>OR</u>		
			PHYSICS 66 &	Physics for Life Science Majors I	(5)
			PHYSICS 67	Physics for Life Science Majors II	(5)
PHYSICS 7C	General Physics	(4)	PHYSICS 6 &	General Physics I	(4)
			PHYSICS 7	General Physics II	(4)
			<u>OR</u>		
			PHYSICS 66 &	Physics for Life Science Majors I	(5)
			PHYSICS 67	Physics for Life Science Majors II	(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>	
PHYSICS 9A	Classical Physics	(5)	PHYSICS 101	Physics for Engineers and Scientists I	(5)
PHYSICS 9B	Classical Physics	(5)	PHYSICS 102 &	Physics for Engineers and Scientists II	(5)
			PHYSICS 103	Physics for Engineers and Scientists III	(5)
PHYSICS 9C	Classical Physics	(5)	PHYSICS 102 &	Physics for Engineers and Scientists II	(5)
			PHYSICS 103	Physics for Engineers and Scientists III	(5)

**Physics 9A/B/C is recommended over 7A/B/C, if available**

**GEOCHEMISTRY/PETROLOGY OPTION:**

CHEM 2C	Genl Chemistry	(5)	CHEM 102	General Chemistry II	(5)
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		
MATH 21D	Vector Analysis	(4)	MATH 263	Calculus III	(5)

PHYSICS 9A	Classical Physics	(5)		PHYSICS 101	Physics for Engineers and Scientists I	(5)
PHYSICS 9B	Classical Physics	(5)		PHYSICS 102 &	Physics for Engineers and Scientists II	(5)
				PHYSICS 103	Physics for Engineers and Scientists III	(5)

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**QUANTITATIVE/GEOPHYSICS OPTION:**

MATH 21D	Vector Analysis	(4)		MATH 263	Calculus III	(5)
MATH 22A	Linear Algebra	(3)		MATH 270	Linear Algebra	(3)
PHYSICS 9A	Classical Physics	(5)		PHYSICS 101	Physics for Engineers and Scientists I	(5)
PHYSICS 9B	Classical Physics	(5)		PHYSICS 102 &	Physics for Engineers and Scientists II	(5)
				PHYSICS 103	Physics for Engineers and Scientists III	(5)
PHYSICS 9C	Classical Physics	(5)		PHYSICS 102 &	Physics for Engineers and Scientists II	(5)
				PHYSICS 103	Physics for Engineers and Scientists III	(5)

END OF MAJOR

- d) This course is not strictly comparable with UC Davis courses but will fulfill the history of life requirement for the geology major at UC Davis.
- i) This course is not strictly comparable with UC Davis courses but will fulfill the introductory physical geology requirement for the geology major at UC Davis.
- k) If a student takes GEOLOGY 1 at Los Angeles Pierce College, credit will be given for UC Davis's GEOLOGY 1 or 50, not both

====German A.B.====

**Special Advising Note:**

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**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.

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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

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**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.

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**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.

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**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.

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**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.

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**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.

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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

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BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOLOGY 6	General Biology I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOLOGY 7	General Biology II	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOLOGY 6	General Biology I	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM 2A	Genl Chemistry	(5)	CHEM 101	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 2B	Genl Chemistry	(5)	CHEM 101 &	General Chemistry I	(5)
						CHEM 102	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 2C	Genl Chemistry	(5)	CHEM 102	General Chemistry II	(5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
	<b>OR</b>			<b>OR</b>				
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 211	Organic Chemistry for Science Majors I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 211 &	Organic Chemistry for Science Majors I	(5)
						CHEM 212	Organic Chemistry for Science Majors II	(5)
MATH 17A	Calculus for BioSci	(4)	MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17C	Calculus for BioSci	(4)	MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
PHYSICS 7A	General Physics	(4)	PHYSICS 7A	General Physics	(4)	PHYSICS 6 &	General Physics I	(4)
						PHYSICS 7	General Physics II	(4)
				<b>OR</b>				
						PHYSICS 66 &	Physics for Life Science Majors I	(5)
						PHYSICS 67	Physics for Life Science Majors II	(5)
PHYSICS 7B	General Physics	(4)	PHYSICS 7B	General Physics	(4)	PHYSICS 6 &	General Physics I	(4)
						PHYSICS 7	General Physics II	(4)
				<b>OR</b>				
						PHYSICS 66 &	Physics for Life Science Majors I	(5)
						PHYSICS 67	Physics for Life Science Majors II	(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)	STATIST 13	Elementary Statistics	(4)	MATH 227	Statistics	(4)
Same as: STATIST 13Y			Same as: STATIST 13Y			<b>OR</b>		
						MATH 228B	Statistics Pathway Part II	(5)
				<b>OR</b>				
						STAT 1	Elementary Statistics I for the Social Sciences	(3)

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**END OF MAJOR**

**====History A.B.====**

**Special Advising Note:**

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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.

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**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.

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**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  
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**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

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**C. EUROPE**

HISTORY 4A	Western Civ	(4)	NO COMPARABLE COURSE
HISTORY 4B	Western Civ	(4)	HISTORY 1 & Introduction to Western Civilization I (3)
			HISTORY 2 Introduction to Western Civilization II (3)
HISTORY 4C	Western Civ	(4)	HISTORY 2 Introduction to Western Civilization II (3)

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**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

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**E. MIDDLE EAST**

HISTORY 6	Intro to Middle East	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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**F. UNITED STATES**

HISTORY 17A	U.S. History	(4)	HISTORY 11 Political and Social History of the United States I (3)
HISTORY 17B	U.S. History	(4)	HISTORY 12 Political and Social History of the United States II (3)
HISTORY 18A	Race in America to 1865	(4)	NO COURSE ARTICULATED
b) HISTORY 72A	Am Women & Gender	(4)	HISTORY 52 The Role of Women in the History of the U.S. (3)
b) HISTORY 72B	Am Women & Gender	(4)	HISTORY 52 The Role of Women in the History of the U.S. (3)
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

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**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)	HISTORY 86 Introduction to World Civilization I (3)
HISTORY 10B	World History 1350-1850	(4)	HISTORY 87 Introduction to World Civilization II (3)

HISTORY 10C	World History III	(4)	HISTORY 87	Introduction to World Civilization II	(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		

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**END OF MAJOR**

b) **If a student takes HISTORY 52 at Los Angeles Pierce College, credit will be given for UC Davis's HISTORY 72A or 72B, not both.**

**====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://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.

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**Transfer Admission Guarantee (TAG) Note:**

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**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.

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**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.

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

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**Select two of the following courses:**

ANTHRO 1	Human Evol Biol	(4)		ANTHRO 101	Human Biological Evolution	(3)
ANTHRO 2	Cultural Anthropology	(5)		ANTHRO 102	Human Ways of Life: Cultural Anthropology	(3)
ANTHRO 15	Human Life Cycle	(5)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

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**Select one course from:**

BIOLSCI 2A	Intro Biology:Life on Earth	(5)		BIOLSCY 6	General Biology I	(5)
	<b>OR</b>			<b>OR</b>		
BIOLSCI 10	Everyday Biology	(4)		BIOLSCY 3	Introduction to Biology	(4)
	<b>OR</b>			<b>OR</b>		
MIC BIO 10	Natural History of Infectious Diseases	(3)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	<b>OR</b>			<b>OR</b>		
NE PH B 12	Human Brain and Disease	(3)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MOL&CB 10	Intro Human Heredity	(4)		NO COMPARABLE COURSE		

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**Select one course from:**

HISTORY 17A	U.S. History	(4)	HISTORY 11	Political and Social History of the United States I	(3)
	<b>OR</b>				
HISTORY 17B	U.S. History	(4)	HISTORY 12	Political and Social History of the United States II	(3)
	<b>OR</b>				
b) HISTORY 72A	Am Women & Gender	(4)	HISTORY 52	The Role of Women in the History of the U.S.	(3)
	<b>OR</b>				
b) HISTORY 72B	Am Women & Gender	(4)	HISTORY 52	The Role of Women in the History of the U.S.	(3)
	<b>OR</b>				
POL SCI 1	Amer Natl Govt	(4)	POL SCI 1	The Government of the United States	(3)

**Select two of the following courses:**

PHILOS 5	Critical Reasoning	(4)	PHILOS 6	Logic in Practice	(3)
PHILOS 15	Intro to Bioethics	(4)	PHILOS 19	Contemporary Problems in Bioethics	(3)
PHILOS 30	Intro Philos of Sci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
PHILOS 31	Scientific Reason	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
PHILOS 32	Scientific Change	(4)	NO COMPARABLE COURSE		
PHILOS 38	Intro Philos of Biol	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

NE PH B 10	Elem Human Physio	(3)	PHYSIOL 1	Introduction to Human Physiology	(4)
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PSYCH 1	General Psychology	(4)	PSYCH 1	General Psychology I	(3)
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**Select one of the following options:**

PSYCH 41	Research Methods	(4)	NO COMPARABLE COURSE		
	<b>OR</b>				
SOCIOL 46A	Intro Social Rsch	(4)	SOC 4	Sociological Analysis	(3)
	<b>AND</b>				
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE		
	<b>OR</b>				
STATIST 10	Statist Thinking	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	<b>OR</b>				
STATIST 13	Elementary Statistics	(4)	MATH 227	Statistics	(4)
Same as: STATIST 13Y			<b>OR</b>		
			MATH 228B	Statistics Pathway Part II	(5)
			<b>OR</b>		
			STAT 1	Elementary Statistics I for the Social Sciences	(3)

**END OF MAJOR**

b) If a student takes HISTORY 52 at Los Angeles Pierce College, credit will be given for UC Davis's HISTORY 72A or 72B, not both.

====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.

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**Transfer Admission Guarantee (TAG) Note:**

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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.

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\*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.

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BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOLSCI 6	General Biology I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOLSCI 7	General Biology II	(5)

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CHEM 2A	Genl Chemistry	(5)	CHEM 101	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 101 & CHEM 102	General Chemistry I	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 102	General Chemistry II	(5)

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PHYSICS 9A	Classical Physics	(5)	PHYSICS 101	Physics for Engineers and Scientists I	(5)
PHYSICS 9B	Classical Physics	(5)	PHYSICS 102 & PHYSICS 103	Physics for Engineers and Scientists II	(5)
PHYSICS 9C	Classical Physics	(5)	PHYSICS 102 & PHYSICS 103	Physics for Engineers and Scientists III	(5)

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MATH 21A	Calculus	(4)	MATH 261	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 262	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 263	Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH 263	Calculus III	(5)
MATH 22A	Linear Algebra	(3)	MATH 270	Linear Algebra	(3)
MATH 22B	Differntl Equations	(3)	MATH 275	Ordinary Differential Equations	(3)

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i) GEOLOGY 50	Physical Geology	(3)	GEOLOGY 1	Physical Geology	(3)
k) GEOLOGY 50L	Physical Geol Lab	(2)	GEOLOGY 6	Physical Geology Laboratory	(2)

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ENGIN 6 Engr Prob Solving (4) | NO COMPARABLE COURSE  
**END OF MAJOR**

- i) **This course is not strictly comparable with UC Davis courses but will fulfill the introductory physical geology requirement for the geology major at UC Davis.**
- k) **If a student takes GEOLOGY 1 at Los Angeles Pierce College, credit will be given for UC Davis's GEOLOGY 1 or 50, not both**

**====International Agricultural Development B.S.====**

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\*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.

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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	
PL SCI 2	Bot Physio Cul Plt	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
SOILSCI 10	Soils in Our Environment	(3)	PLNT SC 103	Introduction to Soil Science (3)
ECON 1A	Princ of Microecon	(4)	ECON 1	Principles of Economics I (3)
	<b>AND</b>			<b>AND</b>
ECON 1B	Princ of Macroecon	(4)	ECON 2	Principles of Economics II (3)
STATIST 13	Elementary Statistics	(4)	MATH 227	Statistics (4)
	Same as: STATIST 13Y		<b>OR</b>	
			MATH 228B	Statistics Pathway Part II (5)
			<b>OR</b>	
			STAT 1	Elementary Statistics I for the Social Sciences (3)
	<b>OR</b>			<b>OR</b>
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE	
MATH 16A	Short Calculus	(3)	MATH 261	Calculus I (5)
CM&RGDE 1	The Community	(4)	NO COMPARABLE COURSE	

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**SIX QUARTER UNITS FROM THE FOLLOWING:**

AGRESEC 15	Pop, Envr, World Agri	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
AN SCI 41	Domestic Ani Prod	(2)	ANML SC 501	Principles of Animal Science (3)
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	

NUTR 10	Discoveries and Concepts	(3)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PL SCI 1	Agr Nature & Society	(3)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PL SCI 15	Intro Sustainable Agriculture	(4)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PL SCI 49	Org Crop Prod Prac	(3)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation

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**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

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**AREAS OF SPECIALIZATION:**

**AGRICULTURAL PRODUCTION OPTION:**

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOLSCI 2A	Intro Biology:Life on Earth	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM 101	General Chemistry I	(5)	CHEM 101	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 101 & CHEM 102	General Chemistry I	(5)	CHEM 101 & CHEM 102	General Chemistry I	(5)
			CHEM 102	General Chemistry II	(5)	CHEM 102	General Chemistry II	(5)

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**TRADE AND ECONOMIC DEVELOPMENT OPTION:**

MATH 16B	Short Calculus	(3)	MATH 262	Calculus II	(5)
SOCIOL 1	Intro Sociology	(5)	SOC 1	Introduction to Sociology	(3)
<b>OR</b>			<b>OR</b>		
ANTHRO 2	Cultural Anthropology	(5)	ANTHRO 102	Human Ways of Life: Cultural Anthropology	(3)
AGRESEC 15	Pop,Envr,World Agri	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

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**ENVIRONMENTAL ISSUES OPTION:**

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOLSCI 2A	Intro Biology:Life on Earth	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)
ENV S&P 1	Env Analysis	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

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**RURAL COMMUNITIES OPTION:**

SOCIOL 1	Intro Sociology	(5)	SOC 1	Introduction to Sociology	(3)
ANTHRO 2	Cultural Anthropology	(5)	ANTHRO 102	Human Ways of Life: Cultural Anthropology	(3)

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**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.

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**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.

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**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.

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**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.

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**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.

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ANTHRO 2	Cultural Anthropology	(5)		ANTHRO 102	Human Ways of Life: Cultural Anthropology	(3)
	<b>OR</b>				<b>OR</b>	
ECON 1A	Princ of Microecon	(4)		ECON 1 I	Principles of Economics	(3)
<hr/>						
ECON 1B	Princ of Macroecon	(4)		ECON 2 II	Principles of Economics	(3)
<hr/>						
HISTORY 4C	Western Civ	(4)		HISTORY 2 II	Introduction to Western Civilization	(3)
	<b>OR</b>				<b>OR</b>	
HISTORY 10C	World History III	(4)		HISTORY 87 II	Introduction to World Civilization	(3)
<hr/>						
POL SCI 2	Intro Comp Politics	(4)		POL SCI 2	Modern World Governments	(3)

POL SCI 3	Internatl Relations	(4)	POL SCI 7	Contemporary World Affairs	(3)
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					
<b>OR</b>			<b>OR</b>		
STATIST 13	Elementary Statistics	(4)	MATH 227	Statistics	(4)
Same as: STATIST 13Y			<b>OR</b>		
			MATH 228B	Statistics Pathway Part II	(5)
			<b>OR</b>		
			STAT 1	Elementary Statistics I for the Social Sciences	(3)
<b>OR</b>			<b>OR</b>		
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE		
POL SCI 51	Scientific Study of Politics	(4)	POL SCI 50	Introduction to Research in Political Science	(3)

**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)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ARABIC 2	Elem Arabic	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ARABIC 3	Elem Arabic	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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		
<b>OR</b>			<b>OR</b>		
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		
<b>OR</b>			<b>OR</b>		
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		
<b>OR</b>			<b>OR</b>		
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		
<b>OR</b>			<b>OR</b>		
FRENCH 1	Elementary French	(5)	FRENCH 1	Elementary French I	(5)

FRENCH 2	Elementary French	(5)	FRENCH 2	Elementary French II	(5)
FRENCH 3	Elementary French	(5)	FRENCH 3	Intermediate French I	(5)
FRENCH 21	Intermed French	(5)	FRENCH 4	Intermediate French II	(5)
FRENCH 22	Intermed French	(5)	FRENCH 5	Advanced French I	(5)
<b>OR</b>			<b>OR</b>		
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		
<b>OR</b>			<b>OR</b>		
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		
<b>OR</b>			<b>OR</b>		
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		
<b>OR</b>			<b>OR</b>		
ITALIAN 1	Elementary Italian	(5)	ITALIAN 1	Elementary Italian I	(5)
ITALIAN 2	Elementary Italian	(5)	ITALIAN 1	<u>&amp;</u> Elementary Italian I	(5)
			ITALIAN 2	Elementary Italian II	(5)
ITALIAN 3	Elementary Italian	(5)	ITALIAN 2	Elementary Italian II	(5)
ITALIAN 4	Interm Italian	(4)	ITALIAN 3	Intermediate Italian	(5)
				I	
ITALIAN 5	Interm Italian	(4)	ITALIAN 4	Intermediate Italian	(5)
				II	
<b>OR</b>			<b>OR</b>		
ITALIAN 1	Elementary Italian	(5)	ITALIAN 1	Elementary Italian I	(5)
ITALIAN 2	Elementary Italian	(5)	ITALIAN 1	<u>&amp;</u> Elementary Italian I	(5)
			ITALIAN 2	Elementary Italian II	(5)
ITALIAN 3	Elementary Italian	(5)	ITALIAN 2	Elementary Italian II	(5)
ITALIAN 8A	Italian Convers	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ITALIAN 8B	Italian Convers	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
<b>OR</b>			<b>OR</b>		
y) JPNESE 1	Elem Japanese	(5)	JAPAN 1	Elementary Japanese I	(5)
y) JPNESE 2	Elem Japanese	(5)	JAPAN 1	<u>&amp;</u> Elementary Japanese I	(5)
			JAPAN 2	Elementary Japanese II	(5)
y) JPNESE 3	Elem Japanese	(5)	JAPAN 2	Elementary Japanese II	(5)
y) JPNESE 4	Inter Japanese	(5)	JAPAN 3	Intermediate Japanese I	(5)
y) JPNESE 5	Inter Japanese	(5)	JAPAN 4	Intermediate Japanese	(5)
				II	
y) JPNESE 6	Inter Japanese	(5)	NO COMPARABLE COURSE		
<b>OR</b>			<b>OR</b>		
PORTUG 1	Elementary Portuguese	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
PORTUG 2	Elementary Portuguese	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

PORTUG 3	Elementary Portuguese	(5)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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
	<b>OR</b>		<b>OR</b>
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.**

	<b>OR</b>		<b>OR</b>
SPANISH 1	Elementary Spanish	(5)	SPANISH 1 Elementary Spanish I (5)
SPANISH 2	Elementary Spanish	(5)	SPANISH 1 & Elementary Spanish I (5)
			SPANISH 2 Elementary Spanish II (5)
SPANISH 3	Elementary Spanish	(5)	SPANISH 2 Elementary Spanish II (5)
SPANISH 21	Intm Spanish	(5)	SPANISH 3 Intermediate Spanish (5)
			I
SPANISH 22	Intm Spanish	(5)	SPANISH 4 Intermediate Spanish (5)
			II
	<b>OR</b>		<b>OR</b>
SPANISH 31	Int Span Nat Spk I	(5)	NO COMPARABLE COURSE
SPANISH 32	Int Span Nat Spk II	(5)	NO COMPARABLE COURSE
SPANISH 33	Int Span Nat Spk III	(5)	NO COMPARABLE COURSE

**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.

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**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.

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**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.

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**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.

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**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.

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

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ITALIAN 1	Elementary Italian	(5)	ITALIAN 1	Elementary Italian I	(5)
ITALIAN 2	Elementary Italian	(5)	ITALIAN 1 &	Elementary Italian I	(5)
			ITALIAN 2	Elementary Italian II	(5)
ITALIAN 3	Elementary Italian	(5)	ITALIAN 2	Elementary Italian II	(5)
ITALIAN 4	Interm Italian	(4)	ITALIAN 3	Intermediate Italian	(5)
				I	
ITALIAN 5	Interm Italian	(4)	ITALIAN 4	Intermediate Italian	(5)
				II	
ITALIAN 9	Reading Italian	(4)	ITALIAN 5	Advanced Italian I	(5)

**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.**

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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.

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**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.

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**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.

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**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.

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

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y) JPNESE 1	Elem Japanese	(5)		JAPAN 1	Elementary Japanese I	(5)
y) JPNESE 2	Elem Japanese	(5)		JAPAN 1 &	Elementary Japanese I	(5)
				JAPAN 2	Elementary Japanese II	(5)
y) JPNESE 3	Elem Japanese	(5)		JAPAN 2	Elementary Japanese II	(5)
y) JPNESE 4	Inter Japanese	(5)		JAPAN 3	Intermediate Japanese I	(5)
y) JPNESE 5	Inter Japanese	(5)		JAPAN 4	Intermediate Japanese	(5)

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)		ANTHRO 161	Introduction to (3)
					Language and
					Linguistics
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](http://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.

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**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.

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**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.

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COMUNCN 1	Intro Public Spkg	(4)	COMM 101	Public Speaking	(3)
ENGLISH 3	Intro to Lit	(4)	ENGLISH 102	College Reading and Composition II	(3)
	OR			OR	

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UWRITING 1	Expository Writing	(4)	ENGLISH 101	College Reading and Composition I	(3)
	<b>OR</b>			<b>OR</b>	
UWRITING 48	Style in the Essay	(4)	NO COMPARABLE COURSE		
	Formerly UWRITING 18				
	<b>OR</b>			<b>OR</b>	
UWRITING 49	Writing Research Papers	(4)	NO COMPARABLE COURSE		
	Formerly UWRITING 19				

BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOLOGY 7	General Biology II	(5)
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ENVHORT 6	Intro Environ Plants	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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**ONE COURSE FROM THE FOLLOWING:**

MATH 16A	Short Calculus	(3)	MATH 261	Calculus I	(5)
STATIST 13	Elementary Statistics	(4)	MATH 227	Statistics	(4)
	Same as: STATIST 13Y			<b>OR</b>	
			MATH 228B	Statistics Pathway Part II	(5)
				<b>OR</b>	
			STAT 1	Elementary Statistics I for the Social Sciences	(3)
ENG CS 32A	Intro to Programming	(4)	NO COMPARABLE COURSE		
	Formerly ENG CS 10				

**ONE COURSE FROM THE FOLLOWING:**

CHEM 2A	Genl Chemistry	(5)	CHEM 101	General Chemistry I	(5)
CHEM 10	Concept of Chem	(4)	NO COMPARABLE COURSE		
PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
PHYSICS 10	Topics, Nonscientists	(4)	PHYSICS 12	Physics Fundamentals	(3)
k) GEOLOGY 1	The Earth	(4)	GEOLOGY 1	Physical Geology	(3)
SOILSCI 10	Soils in Our Environment	(3)	PLNT SC 103	Introduction to Soil Science	(3)

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 COMPARABLE COURSE		
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 COMPARABLE COURSE		
	Formerly Design Visualization				
LND ARC 23	Landscape Rep II	(3)	NO COURSE ARTICULATED		
LND ARC 30	History Environ Design	(4)	NO COMPARABLE COURSE		
LND ARC 50	Site Ecology	(4)	NO COMPARABLE COURSE		
LND ARC 60	Landform Grading Studio	(6)	NO COMPARABLE COURSE		
LND ARC 70	Intro to Spacemaking	(4)	NO COMPARABLE COURSE		

**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**

k) If a student takes GEOLOGY 1 at Los Angeles Pierce 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](#). 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.

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**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.

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**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.

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**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.

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**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)		ANTHRO 161	Introduction to	(3)
					Language and	
					Linguistics	

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**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  
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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.

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**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.

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**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.

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**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.

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**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.

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**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 101	Public Speaking	(3)
	<b>OR</b>			<b>OR</b>	
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	COMM 121	Interpersonal Communication	(3)
AGRESEC 18	Business Law	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ECON 1A	Princ of Microecon	(4)	ECON 1	Principles of Economics I	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 2	Principles of Economics II	(3)
PL SCI 21	Computers in Technology	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	<b>OR</b>			<b>OR</b>	
B) ENG CS 15	Intro to Computers	(4)	CO SCI 501	Introduction to Computers and Their Uses	(3)

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)	ACCTG 1	Introductory Accounting (5) I
MGMT 11B	Elem Accounting	(4)	ACCTG 2	Introductory Accounting (5) II
MATH 16A	Short Calculus	(3)	MATH 261	Calculus I (5)
MATH 16B	Short Calculus	(3)	MATH 262	Calculus II (5)
MATH 16C	Short Calculus	(3)	MATH 262	Calculus II (5)
	<b>OR</b>			<b>OR</b>
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	
	<b>OR</b>			<b>OR</b>
MATH 21A	Calculus	(4)	MATH 261	Calculus I (5)
MATH 21B	Calculus	(4)	MATH 262	Calculus II (5)
STATIST 13	Elementary Statistics	(4)	MATH 227	Statistics (4)
	Same as: STATIST 13Y		<b>OR</b>	
			MATH 228B	Statistics Pathway (5) Part II
			<b>OR</b>	
			STAT 1	Elementary Statistics (3) I for the Social Sciences

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.

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**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.

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**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.

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**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.

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**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)	BIOLSCI 6	General Biology I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOLSCI 7	General Biology II	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOLSCI 6	General Biology I	(5)
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CHEM 2A	Genl Chemistry	(5)	CHEM 101	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 101 & CHEM 102	General Chemistry I	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 102	General Chemistry II	(5)
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MATH 16A	Short Calculus	(3)	MATH 261	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 262	Calculus II	(5)
MATH 16C	Short Calculus	(3)	MATH 262	Calculus II	(5)
<b>OR</b>			<b>OR</b>		
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		
<b>OR</b>			<b>OR</b>		
MATH 21A	Calculus	(4)	MATH 261	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 262	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 263	Calculus III	(5)
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PHYSICS 7A	General Physics	(4)	PHYSICS 6 & PHYSICS 7	General Physics I	(4)
			<b>OR</b>		
			PHYSICS 66 & PHYSICS 67	Physics for Life Science Majors I	(5)
			PHYSICS 67	Physics for Life Science Majors II	(5)
PHYSICS 7B	General Physics	(4)	PHYSICS 6 & PHYSICS 7	General Physics I	(4)
			<b>OR</b>		
			PHYSICS 66 & PHYSICS 67	Physics for Life Science Majors I	(5)
			PHYSICS 67	Physics for Life Science Majors II	(5)
PHYSICS 7C	General Physics	(4)	PHYSICS 6 & PHYSICS 7	General Physics I	(4)
			<b>OR</b>		
			PHYSICS 66 & PHYSICS 67	Physics for Life Science Majors I	(5)
			PHYSICS 67	Physics for Life Science Majors II	(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.

	<b>OR</b>		<b>OR</b>	
PHYSICS 9A	Classical Physics	(5)	PHYSICS 101	Physics for Engineers and Scientists I (5)
PHYSICS 9B	Classical Physics	(5)	PHYSICS 102 &	Physics for Engineers and Scientists II (5)
			PHYSICS 103	Physics for Engineers and Scientists III (5)
PHYSICS 9C	Classical Physics	(5)	PHYSICS 102 &	Physics for Engineers and Scientists II (5)
			PHYSICS 103	Physics for Engineers and Scientists III (5)

**STRONGLY RECOMMENDED:**

EVOL&EC 12	Life in the Sea	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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GEOLOGY 16	The Oceans	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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**END OF MAJOR**

**====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.

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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.

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**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.

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**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.

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**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)	BIOLSCI 6	General Biology I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOLSCI 7	General Biology II	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOLSCI 6	General Biology I	(5)
-----					
CHEM 2A	Genl Chemistry	(5)	CHEM 101	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 101 & CHEM 102	General Chemistry I	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 102	General Chemistry II	(5)
<b>AND</b>			<b>AND</b>		
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
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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		
<b>OR</b>			<b>OR</b>		
MATH 21A	Calculus	(4)	MATH 261	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 262	Calculus II	(5)
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PHYSICS 7A	General Physics	(4)	PHYSICS 6 & PHYSICS 7	General Physics I	(4)
			PHYSICS 66 & PHYSICS 67	General Physics II	(4)
			<b>OR</b>		
			PHYSICS 66 & PHYSICS 67	Physics for Life Science Majors I	(5)
			PHYSICS 67	Physics for Life Science Majors II	(5)
PHYSICS 7B	General Physics	(4)	PHYSICS 6 & PHYSICS 7	General Physics I	(4)
			PHYSICS 66 & PHYSICS 67	General Physics II	(4)
			<b>OR</b>		
			PHYSICS 66 & PHYSICS 67	Physics for Life Science Majors I	(5)
			PHYSICS 67	Physics for Life Science Majors II	(5)
PHYSICS 7C	General Physics	(4)	PHYSICS 6 & PHYSICS 7	General Physics I	(4)
			PHYSICS 66 & PHYSICS 67	General Physics II	(4)
			<b>OR</b>		
			PHYSICS 66 & PHYSICS 67	Physics for Life Science Majors I	(5)
			PHYSICS 67	Physics for Life Science Majors II	(5)
-----					
<b>OR</b>			<b>OR</b>		
PHYSICS 9A	Classical Physics	(5)	PHYSICS 101	Physics for Engineers and Scientists I	(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.

PHYSICS 9B	Classical Physics	(5)	PHYSICS 102 &	Physics for Engineers and Scientists II	(5)
			PHYSICS 103	Physics for Engineers and Scientists III	(5)
PHYSICS 9C	Classical Physics	(5)	PHYSICS 102 &	Physics for Engineers and Scientists II	(5)
			PHYSICS 103	Physics for Engineers and Scientists III	(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**

**===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.

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**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.

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**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.

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**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.

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BIOLSCI 2A	Intro Biology:Life on Earth	(5)		BIOLOGY 6	General Biology I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOLOGY 7	General Biology II	(5)

BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOLOGY 6	General Biology I	(5)
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CHEM 2A	Genl Chemistry	(5)	CHEM 101	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 101 &	General Chemistry I	(5)
			CHEM 102	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 102	General Chemistry II	(5)
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MATH 16A	Short Calculus	(3)	MATH 261	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 262	Calculus II	(5)
MATH 16C	Short Calculus	(3)	MATH 262	Calculus II	(5)
	<b>OR</b>			<b>OR</b>	
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		
	<b>OR</b>			<b>OR</b>	
MATH 21A	Calculus	(4)	MATH 261	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 262	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 263	Calculus III	(5)
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PHYSICS 7A	General Physics	(4)	PHYSICS 6 &	General Physics I	(4)
			PHYSICS 7	General Physics II	(4)
			<b>OR</b>		
			PHYSICS 66 &	Physics for Life Science Majors I	(5)
			PHYSICS 67	Physics for Life Science Majors II	(5)
PHYSICS 7B	General Physics	(4)	PHYSICS 6 &	General Physics I	(4)
			PHYSICS 7	General Physics II	(4)
			<b>OR</b>		
			PHYSICS 66 &	Physics for Life Science Majors I	(5)
			PHYSICS 67	Physics for Life Science Majors II	(5)
PHYSICS 7C	General Physics	(4)	PHYSICS 6 &	General Physics I	(4)
			PHYSICS 7	General Physics II	(4)
			<b>OR</b>		
			PHYSICS 66 &	Physics for Life Science Majors I	(5)
			PHYSICS 67	Physics for Life Science Majors II	(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.

	<b>OR</b>			<b>OR</b>	
PHYSICS 9A	Classical Physics	(5)	PHYSICS 101	Physics for Engineers and Scientists I	(5)
PHYSICS 9B	Classical Physics	(5)	PHYSICS 102 &	Physics for Engineers and Scientists II	(5)
			PHYSICS 103	Physics for Engineers and Scientists III	(5)
PHYSICS 9C	Classical Physics	(5)	PHYSICS 102 &	Physics for Engineers and	(5)

	PHYSICS 103	Scientists II Physics for Engineers and Scientists III	(5)
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**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**

**===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.

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**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.

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BIOLSCI 2A	Intro Biology: Life on Earth	(5)		BIOLOGY 6	General Biology I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOLOGY 7	General Biology II	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOLOGY 6	General Biology I	(5)
<hr/>						
CHEM 2A	Genl Chemistry	(5)		CHEM 101	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 101 &	General Chemistry I	(5)
				CHEM 102	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)		CHEM 102	General Chemistry II	(5)
<hr/>						
MATH 16A	Short Calculus	(3)		MATH 261	Calculus I	(5)
MATH 16B	Short Calculus	(3)		MATH 262	Calculus II	(5)
MATH 16C	Short Calculus	(3)		MATH 262	Calculus II	(5)
	<b>OR</b>				<b>OR</b>	
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	
	<b>OR</b>				<b>OR</b>	
MATH 21A	Calculus	(4)		MATH 261	Calculus I	(5)
MATH 21B	Calculus	(4)		MATH 262	Calculus II	(5)
MATH 21C	Calculus	(4)		MATH 263	Calculus III	(5)
<hr/>						
PHYSICS 7A	General Physics	(4)		PHYSICS 6 &	General Physics I	(4)
				PHYSICS 7	General Physics II	(4)
				<b>OR</b>		
				PHYSICS 66 &	Physics for Life Science Majors I	(5)
				PHYSICS 67	Physics for Life Science Majors II	(5)
PHYSICS 7B	General Physics	(4)		PHYSICS 6 &	General Physics I	(4)
				PHYSICS 7	General Physics II	(4)
				<b>OR</b>		
				PHYSICS 66 &	Physics for Life Science Majors I	(5)
				PHYSICS 67	Physics for Life Science Majors II	(5)
PHYSICS 7C	General Physics	(4)		PHYSICS 6 &	General Physics I	(4)
				PHYSICS 7	General Physics II	(4)
				<b>OR</b>		
				PHYSICS 66 &	Physics for Life Science Majors I	(5)
				PHYSICS 67	Physics for Life Science Majors II	(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.

	<b>OR</b>		<b>OR</b>	
PHYSICS 9A	Classical Physics	(5)	PHYSICS 101	Physics for Engineers and Scientists I (5)
PHYSICS 9B	Classical Physics	(5)	PHYSICS 102 &	Physics for Engineers and Scientists II (5)
			PHYSICS 103	Physics for Engineers and Scientists III (5)
PHYSICS 9C	Classical Physics	(5)	PHYSICS 102 &	Physics for Engineers and Scientists II (5)
			PHYSICS 103	Physics for Engineers and Scientists III (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**

**====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.

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**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](#).

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**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.

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**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.

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**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.**

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**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.

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**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.

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**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.

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**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.

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**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 261	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 262	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 263	Calculus III	(5)
	<b>OR</b>			<b>OR</b>	
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		
MATH 21D	Vector Analysis	(4)	MATH 263	Calculus III	(5)

MATH 22B	Differntl Equations	(3)		MATH 275	Ordinary Differential	(3)
					Equations	
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 270	Linear Algebra	(3)
	<b>AND</b>				<b>AND</b>	
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 COMPARABLE COURSE		
	Formerly ENG CS 10					

ENGIN 6	Engr Prob Solving	(4)		NO COMPARABLE COURSE		
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**END OF MAJOR**

**====Mathematical Analytics and Operations Research 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.

**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.

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**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 261	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 262	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 263	Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH 263	Calculus III	(5)
MATH 22B	Differntl Equations	(3)	MATH 275	Ordinary 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).

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**BOTH OF THE FOLLOWING COURSES:**

MATH 22A	Linear Algebra	(3)	MATH 270	Linear Algebra	(3)
	<b>AND</b>			<b>AND</b>	
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		
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ENG CS 32A	Intro to Programming(4)		NO COMPARABLE COURSE		
	Formerly ENG CS 10				

**OR**

**OR**

ENGIN 6	Engr Prob Solving	(4)	NO COMPARABLE COURSE		
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ECON 1A	Princ of Microecon	(4)	ECON 1	Principles of Economics I	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 2	Principles of Economics II	(3)

STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		
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**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

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**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.

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**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.

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**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.

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**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 261	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 262	Calculus II	(5)

MATH 21C	Calculus	(4)	MATH 263	Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH 263	Calculus III	(5)
MATH 22B	Differntl Equations	(3)	MATH 275	Ordinary 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 270	Linear Algebra	(3)
	<b>AND</b>			<b>AND</b>	
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		
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ENG CS 32A	Intro to Programming(4)		NO COMPARABLE COURSE		
	Formerly ENG CS 10				
	<b>OR</b>			<b>OR</b>	
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.**

**12 QUARTER UNITS OF ADDITIONAL NON-MATHEMATICS COURSES  
CHOSEN FROM NATURAL SCIENCES**

**END OF MAJOR**

**====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. 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.

**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 261	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 262	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 263	Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH 263	Calculus III	(5)
MATH 22B	Differntl Equations	(3)	MATH 275	Ordinary 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).

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**BOTH OF THE FOLLOWING COURSES:**

MATH 22A	Linear Algebra	(3)	MATH 270	Linear Algebra	(3)
	<b>AND</b>			<b>AND</b>	
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		
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ENG CS 32A	Intro to Programming(4)		NO COMPARABLE COURSE		
	Formerly ENG CS 10				
	<b>OR</b>			<b>OR</b>	
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.

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**PLAN 1: GENERAL MATHEMATICS**

PHYSICS 9A	Classical Physics	(5)	PHYSICS 101	Physics for Engineers and Scientists I	(5)
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**PLAN 2: MATHEMATICS FOR SECONDARY TEACHING**

PHYSICS 7A	General Physics	(4)	PHYSICS 6 & PHYSICS 7	General Physics I General Physics II	(4) (4)
			<b>OR</b>		
			PHYSICS 66 & PHYSICS 67	Physics for Life Science Majors I Physics for Life Science Majors II	(5) (5)
	<b>OR</b>			<b>OR</b>	
PHYSICS 9A	Classical Physics	(5)	PHYSICS 101	Physics for Engineers and Scientists I	(5)
	<b>OR</b>			<b>OR</b>	
STATIST 13	Elementary Statistics	(4)	MATH 227	Statistics	(4)
	Same as: STATIST 13Y		<b>OR</b>		
			MATH 228B	Statistics Pathway Part II	(5)
			<b>OR</b>		
			STAT 1	Elementary Statistics I for the Social Sciences	(3)
	<b>OR</b>			<b>OR</b>	
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		

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**END OF MAJOR**

**====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/>

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**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.

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**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](#).

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**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.

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**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.

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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.

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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.

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**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.

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**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.

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**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.

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**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.

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 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)		ART 101	Survey of Art History I (3)
				<u>OR</u>	
				ART 102	Survey of Art History (3)
					II
ARTHI 1C	Baroque to Modern Art	(4)		ART 102	Survey of Art History (3)
					II
				<u>OR</u>	
				ART 111	History of Contemporary (3)
					Art
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)		ENGLISH 203 &	World Literature I (3)
				ENGLISH 204	World Literature II (3)
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)		ENGLISH 205	English Literature (3)
					I
GERMAN 48	Myth & Saga	(4)		NO COMPARABLE COURSE	
HISTORY 4A	Western Civ	(4)		NO COMPARABLE COURSE	
HISTORY 4B	Western Civ	(4)		HISTORY 1 &	Introduction to (3)
					Western Civilization
					I
				HISTORY 2	Introduction to (3)
					Western Civilization
					II
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)		PHILOS 12	History of Greek (3)
					Philosophy
PHILOS 22	Phil Classics: Modern	(4)		PHILOS 14	History of Modern (3)
					European Philosophy

**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.**

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**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.

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**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)	BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOLSCI 2A	Intro Biology:Life on Earth	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM 2A	Genl Chemistry	(5)	CHEM 2A	Genl Chemistry	(5)	CHEM 2A	Genl Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 2B	Genl Chemistry	(5)	CHEM 2B	Genl Chemistry	(5)	CHEM 2B	Genl Chemistry	(5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM 8A	Organic Chem-Brief	(2)	CHEM 8A	Organic Chem-Brief	(2)	CHEM 8A	Organic Chem-Brief	(2)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 8B	Organic Chem-Brief	(4)	CHEM 8B	Organic Chem-Brief	(4)	CHEM 8B	Organic Chem-Brief	(4)
<b>OR</b>						<b>OR</b>					
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 118A	Org Chem, Hlth & Sci	(4)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 118B	Org Chem, Hlth & Sci	(4)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 118C	Org Chem, Hlth & Sci	(4)

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
	<b>OR</b>		<b>OR</b>
MATH 21A	Calculus	(4)	MATH 261 Calculus I (5)
MATH 21B	Calculus	(4)	MATH 262 Calculus II (5)
PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE
	<b>OR</b>		<b>OR</b>
PHYSICS 7A	General Physics	(4)	PHYSICS 6 & General Physics I (4) PHYSICS 7 & General Physics II (4)
			<b>OR</b>
			PHYSICS 66 & Physics for Life (5) Science Majors I
			PHYSICS 67 Physics for Life (5) Science Majors II
PHYSICS 7B	General Physics	(4)	PHYSICS 6 & General Physics I (4) PHYSICS 7 & General Physics II (4)
			<b>OR</b>
			PHYSICS 66 & Physics for Life (5) Science Majors I
			PHYSICS 67 Physics for Life (5) Science Majors II
PHYSICS 7C	General Physics	(4)	PHYSICS 6 & General Physics I (4) PHYSICS 7 & General Physics II (4)
			<b>OR</b>
			PHYSICS 66 & Physics for Life (5) Science Majors I
			PHYSICS 67 Physics for Life (5) Science Majors II

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.

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**END OF MAJOR**

====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 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.

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**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.

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**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.

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**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.

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BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOLOGY 6	General Biology I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOLOGY 7	General Biology II	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOLOGY 6	General Biology I	(5)
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CHEM 2A	Genl Chemistry	(5)	CHEM 101	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 101 &	General Chemistry I	(5)
			CHEM 102	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 102	General Chemistry II	(5)
-----					
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
			<b>OR</b>		
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 211	Organic Chemistry for Science Majors I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 211 &	Organic Chemistry for Science Majors I	(5)
			CHEM 212	Organic Chemistry for Science Majors II	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 212	Organic Chemistry for Science Majors 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		
			<b>OR</b>		
MATH 21A	Calculus	(4)	MATH 261	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 262	Calculus II	(5)
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PHYSICS 7A	General Physics	(4)	PHYSICS 6 &	General Physics I	(4)
			PHYSICS 7	General Physics II	(4)
			<b>OR</b>		
			PHYSICS 66 &	Physics for Life Science Majors I	(5)
			PHYSICS 67	Physics for Life Science Majors II	(5)
PHYSICS 7B	General Physics	(4)	PHYSICS 6 &	General Physics I	(4)
			PHYSICS 7	General Physics II	(4)
			<b>OR</b>		
			PHYSICS 66 &	Physics for Life Science Majors I	(5)
			PHYSICS 67	Physics for Life Science Majors II	(5)
PHYSICS 7C	General Physics	(4)	PHYSICS 6 &	General Physics I	(4)
			PHYSICS 7	General Physics II	(4)
			<b>OR</b>		
			PHYSICS 66 &	Physics for Life Science Majors I	(5)
			PHYSICS 67	Physics for Life Science Majors II	(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.



**TWO YEARS (OR THE EQUIVALENT) OF ARABIC, HEBREW, OR HINDI/URDU:**

ARABIC 1	Elementary Arabic	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ARABIC 2	Elem Arabic	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ARABIC 3	Elem Arabic	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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
<b>OR</b>			<b>OR</b>
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
<b>OR</b>			<b>OR</b>
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 COURSE ARTICULATED: College has not submitted course(s) for articulation
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.

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**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.

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**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.

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**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.

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**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.

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

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MUSIC 2A	Keyboard Competence	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MUSIC 2B	Keyboard Competence	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MUSIC 2C	Keyboard Competence	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

**STUDENTS MAY PASS OUT OF ONE OR MORE QUARTERS OF MUSIC 2A-C THROUGH EXAMINATION**

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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

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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

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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**

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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**

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MUSIC 24A	Intro Music History	(3)		MUSIC 121	Music History and Literature I	(3)
MUSIC 24B	Intro Music History	(3)		MUSIC 121	Music History and Literature I	(3)
MUSIC 24C	Intro Music History	(3)		MUSIC 121	Music History and Literature I	(3)

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**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.

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**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 COMPARABLE COURSE
N A STD 10	NA Experience	(4)	NO COMPARABLE COURSE
	<b>OR</b>		<b>OR</b>
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)	NO COMPARABLE COURSE
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 COMPARABLE COURSE
N A STD 33	Intro NA Art	(4)	NO COMPARABLE COURSE
N A STD 34	NA Art Workshop	(4)	NO COMPARABLE COURSE

**ONE OR TWO COURSES FROM:**

AF-AMST 12	Intro Afro Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AF-AMST 52	Afr Tradit Relig	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ANTHRO 2	Cultural Anthropology	(5)	ANTHRO 102 Human Ways of Life: (3) Cultural Anthropology
ANTHRO 20	Comparative Cultures	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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 COMPARABLE COURSE
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 COURSE ARTICULATED: College has not submitted course(s) for articulation
CHICANO 21	Hlth Care Issues	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHICANO 23	Qualitative Research Methods	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
COMPLIT 25	Ethnic Writers	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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
<b>ENV S&amp;P 10 not open for credit to students who have completed ENV S&amp;P 1</b>			
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)	HISTORY 11 Political and Social History of the United States I (3)
LINGUIS 1	Intro Linguistics	(4)	ANTHRO 161 Introduction to Language and 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.

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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.

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**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.

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**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.

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**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.

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BIOLSCI 2A	Intro Biology:Life on Earth	(5)		BIOLOGY 6	General Biology I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOLOGY 7	General Biology II	(5)

BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOLOGY 6	General Biology I	(5)
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CHEM 2A	Genl Chemistry	(5)	CHEM 101	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 101 &	General Chemistry I	(5)
			CHEM 102	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 102	General Chemistry II	(5)
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CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
	<b>OR</b>			<b>OR</b>	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 211	Organic Chemistry for Science Majors I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 211 &	Organic Chemistry for Science Majors I	(5)
			CHEM 212	Organic Chemistry for Science Majors II	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 212	Organic Chemistry for Science Majors II	(5)
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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		
	<b>OR</b>			<b>OR</b>	
MATH 21A	Calculus	(4)	MATH 261	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 262	Calculus II	(5)
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PHYSICS 7A	General Physics	(4)	PHYSICS 6 &	General Physics I	(4)
			PHYSICS 7	General Physics II	(4)
			<b>OR</b>		
			PHYSICS 66 &	Physics for Life Science Majors I	(5)
			PHYSICS 67	Physics for Life Science Majors II	(5)
PHYSICS 7B	General Physics	(4)	PHYSICS 6 &	General Physics I	(4)
			PHYSICS 7	General Physics II	(4)
			<b>OR</b>		
			PHYSICS 66 &	Physics for Life Science Majors I	(5)
			PHYSICS 67	Physics for Life Science Majors II	(5)
PHYSICS 7C	General Physics	(4)	PHYSICS 6 &	General Physics I	(4)
			PHYSICS 7	General Physics II	(4)
			<b>OR</b>		
			PHYSICS 66 &	Physics for Life Science Majors I	(5)
			PHYSICS 67	Physics for Life Science Majors II	(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.

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**END OF MAJOR**

====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.

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**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.

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**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.

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**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)	BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOLOGY 6	General Biology I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOLOGY 7	General Biology II	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOLOGY 6	General Biology I	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM 2A	Genl Chemistry	(5)	CHEM 101	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 2B	Genl Chemistry	(5)	CHEM 101 & CHEM 102	General Chemistry I	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 2C	Genl Chemistry	(5)	CHEM 102	General Chemistry II	(5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
<b>OR</b>			<b>OR</b>					
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 211	Organic Chemistry for Science Majors I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 211 & CHEM 212	Organic Chemistry for Science Majors I	(5)
<b>OR</b>			<b>OR</b>					
CHEM 128A	Organic Chemistry	(3)	CHEM 128A	Organic Chemistry	(3)	CHEM 211	Organic Chemistry for Science Majors I	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 128B	Organic Chemistry	(3)	CHEM 211 & CHEM 212	Organic Chemistry for Science Majors I	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 129A	Organic Chem Lab	(2)	CHEM 211	Organic Chemistry for Science Majors I	(5)
NUTR 10	Discoveries and Concepts	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation					
PSYCH 41	Research Methods	(4)	NO COMPARABLE COURSE					
<b>OR</b>			<b>OR</b>					
SOCIOL 46A	Intro Social Rsch	(4)	SOCIOL 46A	Intro Social Rsch	(4)	SOC 4	Sociological Analysis	(3)

**The remaining preparatory subject matter is based on which major option you choose:**

**NUTRITIONAL BIOLOGY OPTION:**

ANTHRO 2	Cultural Anthropology	(5)	ANTHRO 2	Cultural Anthropology	(5)	ANTHRO 102	Human Ways of Life: Cultural Anthropology	(3)
<b>OR</b>			<b>OR</b>					

PSYCH 1	General Psychology	(4)	PSYCH 1	General Psychology I	(3)
	<b>OR</b>			<b>OR</b>	
SOCIOL 1	Intro Sociology	(5)	SOC 1	Introduction to Sociology	(3)
	<b>OR</b>			<b>OR</b>	
SOCIOL 3	Social Problems	(4)	SOC 2	American Social Problems	(3)
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MATH 16A	Short Calculus	(3)	MATH 261	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 262	Calculus II	(5)
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PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE		
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**NUTRITION IN PUBLIC HEALTH OPTION:**

ANTHRO 2	Cultural Anthropology	(5)	ANTHRO 102	Human Ways of Life: Cultural Anthropology	(3)
	<b>OR</b>			<b>OR</b>	
SOCIOL 1	Intro Sociology	(5)	SOC 1	Introduction to Sociology	(3)
	<b>OR</b>			<b>OR</b>	
SOCIOL 3	Social Problems	(4)	SOC 2	American Social Problems	(3)
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ECON 1A	Princ of Microecon	(4)	ECON 1	Principles of Economics I	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 2	Principles of Economics II	(3)
-----					
PSYCH 1	General Psychology	(4)	PSYCH 1	General Psychology I	(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 COURSE ARTICULATED: College has not submitted course(s) for articulation		
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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		
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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)	PHILOS 19	Contemporary Problems in Bioethics	(3)
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.

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**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

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**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.

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**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 101	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 101 &	General Chemistry I	(5)
			CHEM 102	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 102	General Chemistry II	(5)
	<b>OR</b>			<b>OR</b>	
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		

PHYSICS 7A	General Physics	(4)	PHYSICS 6 &	General Physics I	(4)
			PHYSICS 7	General Physics II	(4)
			<b>OR</b>		
			PHYSICS 66 &	Physics for Life	(5)
				Science Majors I	
			PHYSICS 67	Physics for Life	(5)
				Science Majors II	
PHYSICS 7B	General Physics	(4)	PHYSICS 6 &	General Physics I	(4)
			PHYSICS 7	General Physics II	(4)
			<b>OR</b>		
			PHYSICS 66 &	Physics for Life	(5)
				Science Majors I	
			PHYSICS 67	Physics for Life	(5)
				Science Majors II	
PHYSICS 7C	General Physics	(4)	PHYSICS 6 &	General Physics I	(4)
			PHYSICS 7	General Physics II	(4)
			<b>OR</b>		
			PHYSICS 66 &	Physics for Life	(5)
				Science Majors I	
			PHYSICS 67	Physics for Life	(5)
				Science Majors II	

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.

	<b>OR</b>			<b>OR</b>	
PHYSICS 9A	Classical Physics	(5)	PHYSICS 101	Physics for Engineers and Scientists I	(5)
PHYSICS 9B	Classical Physics	(5)	PHYSICS 102 &	Physics for Engineers and Scientists II	(5)
			PHYSICS 103	Physics for Engineers and Scientists III	(5)
PHYSICS 9C	Classical Physics	(5)	PHYSICS 102 &	Physics for Engineers and Scientists II	(5)
			PHYSICS 103	Physics for Engineers and Scientists III	(5)

MATH 16A	Short Calculus	(3)	MATH 261	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 262	Calculus II	(5)
MATH 16C	Short Calculus	(3)	MATH 262	Calculus II	(5)

	<b>OR</b>			<b>OR</b>	
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	
	<b>OR</b>			<b>OR</b>	
MATH 21A	Calculus	(4)	MATH 261	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 262	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 263	Calculus III	(5)
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BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOLSCY 6	General Biology I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOLSCY 7	General Biology II	(5)
	<b>OR</b>			<b>OR</b>	
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOLSCY 6	General Biology I	(5)
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STATIST 13	Elementary Statistics	(4)	MATH 227	Statistics	(4)
	Same as: STATIST 13Y		<b>OR</b>		
			MATH 228B	Statistics Pathway Part II	(5)
			<b>OR</b>		
			STAT 1	Elementary Statistics I for the Social Sciences	(3)
	<b>OR</b>			<b>OR</b>	
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		
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CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 211	Organic Chemistry for Science Majors I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 211 &	Organic Chemistry for Science Majors I	(5)
			CHEM 212	Organic Chemistry for Science Majors II	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 212	Organic Chemistry for Science Majors II	(5)
	<b>OR</b>			<b>OR</b>	
CHEM 128A	Organic Chemistry	(3)	CHEM 211	Organic Chemistry for Science Majors I	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 211 &	Organic Chemistry for Science Majors I	(5)
			CHEM 212	Organic Chemistry for Science Majors II	(5)
CHEM 128C	Organic Chemistry	(3)	CHEM 212	Organic Chemistry for Science Majors II	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 211	Organic Chemistry for Science Majors I	(5)
CHEM 129B	Organic Chem Lab	(2)	CHEM 211 &	Organic Chemistry for Science Majors I	(5)
			CHEM 212	Organic Chemistry for Science Majors II	(5)
CHEM 129C	Organic Chem Lab	(2)	CHEM 212	Organic Chemistry for Science Majors II	(5)

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**END OF MAJOR**

====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.

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**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.

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**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.

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**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.

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**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.

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**GENERAL EMPHASIS:**

PHILOS 12 Intro to Symbol Logic (4)|PHILOS 9 Symbolic Logic I (3)

**AND ONE COURSE FROM ANY THREE OF THE FOLLOWING AREAS**

**a. GENERAL PHILOSOPHY**

e) PHILOS 1 Intro to Philos (4) | PHILOS 1 Introduction to Philosophy (3)  
| OR  
| PHILOS 14 History of Modern European Philosophy (3)  
| OR

PHILOS 15	History of Contemporary Philosophy	(3)
<u>OR</u>		
PHILOS 41	An Introduction to Philosophy and Literature	(3)
<u>OR</u>		
PHILOS 42	Philosophy and Cinema	(3)

**b. ANCIENT PHILOSOPHY**

PHILOS 21	Phil Classics: Ancient	(4)	PHILOS 12	History of Greek Philosophy	(3)
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**c. EARLY MODERN PHILOSOPHY**

PHILOS 22	Phil Classics: Modern	(4)	PHILOS 14	History of Modern European Philosophy	(3)
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**d. PHILOSOPHY OF MIND**

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

PHILOS 14	Eth Soc Prob in Soc	(4)	PHILOS 2	Society and Values	(3)
<u>OR</u>			<u>OR</u>		
PHILOS 15	Intro to Bioethics	(4)	PHILOS 19	Contemporary Problems in Bioethics	(3)
<u>OR</u>			<u>OR</u>		
PHILOS 24	Intro to Ethics	(4)	PHILOS 20	Ethics	(3)

**f. PHILOSOPHY OF SCIENCE**

PHILOS 30	Intro Philos of Sci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
<u>OR</u>			<u>OR</u>		
PHILOS 31	Scientific Reason	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
<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 COURSE	ARTICULATED: College has not submitted course(s) for articulation	

**g. PHILOSOPHY OF LANGUAGE**

PHILOS 17	Language, Thought & World	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation
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**PRE-LAW EMPHASIS**

**ONE COURSE FROM THE FOLLOWING:**

PHILOS 14	Eth Soc Prob in Soc	(4)	PHILOS 2	Society and Values	(3)
PHILOS 15	Intro to Bioethics	(4)	PHILOS 19	Contemporary Problems in Bioethics	(3)
PHILOS 16	Phil Foundations of Amer Democ	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	

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**ALL OF THE FOLLOWING COURSES:**

PHILOS 5	Critical Reasoning	(4)	PHILOS 6	Logic in Practice	(3)
PHILOS 12	Intro to Symbol Logic	(4)	PHILOS 9	Symbolic Logic I	(3)
PHILOS 24	Intro to Ethics	(4)	PHILOS 20	Ethics	(3)

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**PRE-MED EMPHASIS:**

**ONE COURSE FROM THE FOLLOWING:**

PHILOS 24	Intro to Ethics	(4)	PHILOS 20	Ethics	(3)
PHILOS 30	Intro Philos of Sci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
PHILOS 31	Scientific Reason	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
PHILOS 32	Scientific Change	(4)	NO COMPARABLE COURSE		

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**ALL OF THE FOLLOWING COURSES:**

PHILOS 12	Intro to Symbol Logic	(4)	PHILOS 9	Symbolic Logic I	(3)
PHILOS 15	Intro to Bioethics	(4)	PHILOS 19	Contemporary Problems in Bioethics	(3)
PHILOS 38	Intro Philos of Biol	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

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**END OF MAJOR**

e) Students who complete PHIL 14 at Los Angeles Pierce College will receive credit at UC Davis for PHILOS 1 or 22, 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.

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**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

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**Transfer Admission Guarantee (TAG) Note:**

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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.

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**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.

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**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.

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PHYSICS 9A	Classical Physics	(5)	PHYSICS 101	Physics for Engineers and Scientists I	(5)
PHYSICS 9B	Classical Physics	(5)	PHYSICS 102 &	Physics for Engineers and Scientists II	(5)
			PHYSICS 103	Physics for Engineers and Scientists III	(5)
PHYSICS 9C	Classical Physics	(5)	PHYSICS 102 &	Physics for Engineers and Scientists II	(5)
			PHYSICS 103	Physics for Engineers and Scientists III	(5)
PHYSICS 9D	Modern Physics	(4)	NO COMPARABLE COURSE		
	<b>OR</b>		<b>OR</b>		
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
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MATH 21A	Calculus	(4)	MATH 261 Calculus I (5)
MATH 21B	Calculus	(4)	MATH 262 Calculus II (5)
MATH 21C	Calculus	(4)	MATH 263 Calculus III (5)
MATH 21D	Vector Analysis	(4)	MATH 263 Calculus III (5)
MATH 22A	Linear Algebra	(3)	MATH 270 Linear Algebra (3)
MATH 22B	Differntl Equations	(3)	MATH 275 Ordinary Differential Equations (3)
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PHYSICS 80	Experimental Techniques	(4)	NO COURSE ARTICULATED
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**END OF MAJOR**

**====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

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**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.

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**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.

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**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.

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PHYSICS 9A	Classical Physics	(5)	PHYSICS 101	Physics for Engineers and Scientists I	(5)
PHYSICS 9B	Classical Physics	(5)	PHYSICS 102 &	Physics for Engineers and Scientists II	(5)
			PHYSICS 103	Physics for Engineers and Scientists III	(5)
PHYSICS 9C	Classical Physics	(5)	PHYSICS 102 &	Physics for Engineers and Scientists II	(5)
			PHYSICS 103	Physics for Engineers and Scientists III	(5)
PHYSICS 9D	Modern Physics	(4)	NO COMPARABLE COURSE		
	<b>OR</b>		<b>OR</b>		
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		

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MATH 21A	Calculus	(4)	MATH 261	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 262	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 263	Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH 263	Calculus III	(5)
MATH 22A	Linear Algebra	(3)	MATH 270	Linear Algebra	(3)
MATH 22B	Differntl Equations	(3)	MATH 275	Ordinary Differential Equations	(3)

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PHYSICS 40	Intr Physics Computation	(4)	NO COURSE ARTICULATED		
PHYSICS 80	Experimental Techniques	(4)	NO COURSE ARTICULATED		

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### 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                    (4) | NO COMPARABLE COURSE  
                  Astronomy & Astrophphy                    |

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END OF MAJOR

### ====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.

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**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.

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**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.

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**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.

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**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.

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**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.

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BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOLSCI 6	General Biology I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOLSCI 7	General Biology II	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOLSCI 6	General Biology I	(5)

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CHEM 2A	Genl Chemistry	(5)	CHEM 101	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 101 &	General Chemistry I	(5)
			CHEM 102	General Chemistry II	(5)
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		

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STATIST 13	Elementary Statistics	(4)	MATH 227	Statistics	(4)
Same as: STATIST 13Y			<u>OR</u>		
			MATH 228B	Statistics Pathway Part II	(5)
			<u>OR</u>		
			STAT 1	Elementary Statistics I for the Social Sciences	(3)

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**RECOMMENDED COURSES:**

CHEM 2C	Genl Chemistry	(5)	CHEM 102	General Chemistry II	(5)
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**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.

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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.

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**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.

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**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.

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

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CHEM 2A	Genl Chemistry	(5)	CHEM 101	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 101 & CHEM 102	General Chemistry I	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 102	General Chemistry II	(5)
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		

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CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
	<b>OR</b>			<b>OR</b>	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 211	Organic Chemistry for	(5)
				Science Majors I	
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 211 &	Organic Chemistry for	(5)
				Science Majors I	
			CHEM 212	Organic Chemistry for	(5)
				Science Majors II	
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 212	Organic Chemistry for	(5)
				Science Majors II	
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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		
	<b>OR</b>			<b>OR</b>	
MATH 21A	Calculus	(4)	MATH 261	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 262	Calculus II	(5)
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PHYSICS 7A	General Physics	(4)	PHYSICS 6 &	General Physics I	(4)
			PHYSICS 7	General Physics II	(4)
			<b>OR</b>		
			PHYSICS 66 &	Physics for Life	(5)
				Science Majors I	
			PHYSICS 67	Physics for Life	(5)
				Science Majors II	
PHYSICS 7B	General Physics	(4)	PHYSICS 6 &	General Physics I	(4)
			PHYSICS 7	General Physics II	(4)
			<b>OR</b>		
			PHYSICS 66 &	Physics for Life	(5)
				Science Majors I	
			PHYSICS 67	Physics for Life	(5)
				Science Majors II	
PHYSICS 7C	General Physics	(4)	PHYSICS 6 &	General Physics I	(4)
			PHYSICS 7	General Physics II	(4)
			<b>OR</b>		
			PHYSICS 66 &	Physics for Life	(5)
				Science Majors I	
			PHYSICS 67	Physics for Life	(5)
				Science Majors II	

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.

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**RECOMMENDED COURSES:**

BIOLSCI 20Q	Modeling in Biology	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 21C	Calculus	(4)	MATH 263	Calculus III	(5)

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**END OF MAJOR**

====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.

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**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.

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**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.

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**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.

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**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)	BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOLOGY 6	General Biology I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOLOGY 7	General Biology II	(5)
PL SCI 2	Bot Physio Cul Plt	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation					
CHEM 2A	Genl Chemistry	(5)	CHEM 101	Genl Chemistry	(5)	CHEM 101	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 101 & CHEM 102	Genl Chemistry	(5)	CHEM 101 & CHEM 102	General Chemistry I	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 102	Genl Chemistry	(5)	CHEM 102	General Chemistry II	(5)
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE					
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE					
<b>OR</b>			<b>OR</b>					
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 211	Org Chem, Hlth & Sci	(4)	CHEM 211	Organic Chemistry for Science Majors I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 211 & CHEM 212	Org Chem, Hlth & Sci	(4)	CHEM 211 & CHEM 212	Organic Chemistry for Science Majors I	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 212	Org Chem, Hlth & Sci	(4)	CHEM 212	Organic Chemistry for Science Majors II	(5)
MATH 16A	Short Calculus	(3)	MATH 261	Short Calculus	(3)	MATH 261	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 262	Short Calculus	(3)	MATH 262	Calculus II	(5)
<b>OR</b>			<b>OR</b>					
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					
<b>OR</b>			<b>OR</b>					
PHYSICS 7A	General Physics	(4)	PHYSICS 6 & PHYSICS 7	General Physics	(4)	PHYSICS 6 & PHYSICS 7	General Physics I	(4)
			PHYSICS 66 & PHYSICS 67	General Physics	(4)	PHYSICS 66 & PHYSICS 67	General Physics II	(4)
			PHYSICS 66 & PHYSICS 67	General Physics	(4)	PHYSICS 66 & PHYSICS 67	Physics for Life Science Majors I	(5)
			PHYSICS 67	General Physics	(4)	PHYSICS 67	Physics for Life Science Majors II	(5)
PHYSICS 7B	General Physics	(4)	PHYSICS 6 & PHYSICS 7	General Physics	(4)	PHYSICS 6 & PHYSICS 7	General Physics I	(4)
			PHYSICS 66 & PHYSICS 67	General Physics	(4)	PHYSICS 66 & PHYSICS 67	General Physics II	(4)
			PHYSICS 66 & PHYSICS 67	General Physics	(4)	PHYSICS 66 & PHYSICS 67	Physics for Life Science Majors I	(5)
			PHYSICS 67	General Physics	(4)	PHYSICS 67	Physics for Life Science Majors II	(5)

PHYSICS 7C	General Physics	(4)		PHYSICS 6	&	Science Majors II	(4)
				PHYSICS 7		General Physics I	(4)
					<u>OR</u>	General Physics II	(4)
				PHYSICS 66	&	Physics for Life	(5)
						Science Majors I	
				PHYSICS 67		Physics for Life	(5)
						Science Majors II	

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.

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ABIOSYT 49	Fld Equip Oper	(2)		NO COMPARABLE COURSE			
	<u>OR</u>			<u>OR</u>			
PL SCI 49	Org Crop Prod Prac	(3)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation			

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**COURSES FOR THE CROP PRODUCTION OPTION:**

ECON 1A	Princ of Microecon	(4)		ECON 1	Principles of Economics	(3)
					I	
	<u>OR</u>			<u>OR</u>		
AGRESEC 15	Pop,Envr,World Agri	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

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**END OF MAJOR**

**====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](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.

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academic advisor to understand how to complete all of the GE components.

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**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.

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POL SCI 1	Amer Natl Govt	(4)		POL SCI 1	The Government of the United States	(3)
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**THREE COURSES FROM THE FOLLOWING:**

POL SCI 2	Intro Comp Politics	(4)		POL SCI 2	Modern World Governments	(3)
POL SCI 3	Internatl Relations	(4)		POL SCI 7	Contemporary World Affairs	(3)
POL SCI 4	Bas Cnpt/Pol Thry	(4)		NO COMPARABLE COURSE		
POL SCI 5	Probs/Am Pol Sys	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
POL SCI 7	Law & Politics	(4)		NO COMPARABLE COURSE		

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POL SCI 51	Scientific Study of Politics	(4)		POL SCI 50	Introduction to Research in Political Science	(3)
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**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 227	Statistics	(4)
	Same as: STATIST 13Y			<u>OR</u>		
				MATH 228B	Statistics Pathway Part II	(5)
				<u>OR</u>		
				STAT 1	Elementary Statistics I for the Social Sciences	(3)
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.

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**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.

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**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.

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**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.

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

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**THREE COURSES FROM THE FOLLOWING:**

POL SCI 1	Amer Natl Govt	(4)	POL SCI 1	The Government of the United States	(3)
POL SCI 2	Intro Comp Politics	(4)	POL SCI 2	Modern World Governments	(3)
POL SCI 3	Internatl Relations	(4)	POL SCI 7	Contemporary World Affairs	(3)
POL SCI 4	Bas Cnpt/Pol Thry	(4)	NO COMPARABLE COURSE		

**ONE COURSE FROM THE FOLLOWING:**

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

POL SCI 1	Amer Natl Govt	(4)	POL SCI 1	The Government of the United States	(3)
POL SCI 2	Intro Comp Politics	(4)	POL SCI 2	Modern World Governments	(3)
POL SCI 3	Internatl Relations	(4)	POL SCI 7	Contemporary World Affairs	(3)
POL SCI 4	Bas Cnpt/Pol Thry	(4)	NO COMPARABLE COURSE		
POL SCI 5	Probs/Am Pol Sys	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
POL SCI 7	Law & Politics	(4)	NO COMPARABLE COURSE		
POL SCI 11A	America Decides	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
POL SCI 11B	Citizen Lawmaking	(4)	NO COURSE ARTICULATED: College has not		

POL SCI 11C	Politics & Film	(4)		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)		submitted course(s)for articulation	
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POL SCI 51	Scientific Study of Politics	(4)		POL SCI 50	Introduction to Research in Political Science (3)
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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				
	<b>OR</b>			<b>OR</b>	
STATIST 13	Elementary Statistics	(4)		MATH 227	Statistics (4)
	Same as: STATIST 13Y			<u>OR</u>	
				MATH 228B	Statistics Pathway Part II (5)
				<u>OR</u>	
				STAT 1	Elementary Statistics I for the Social Sciences (3)
	<b>OR</b>			<b>OR</b>	
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.

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**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.

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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.

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**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.

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**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.

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PSYCH 1	General Psychology	(4)		PSYCH 1	General Psychology I	(3)
PSYCH 41	Research Methods	(4)		NO COMPARABLE COURSE		

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STATIST 13	Elementary Statistics	(4)		MATH 227	Statistics	(4)
Same as: STATIST 13Y				<b>OR</b>		
				MATH 228B	Statistics Pathway Part II	(5)
				<b>OR</b>		
				STAT 1	Elementary Statistics I for the Social Sciences	(3)

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BIOLSCI 2A	Intro Biology:Life on Earth	(5)		BIOLOGY 6	General Biology I	(5)
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**OR A COMBINATION OF**

BIOLSCI 10	Everyday Biology	(4)		BIOLOGY 3	Introduction to Biology	(4)
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**AND ONE COURSE FROM**

ANTHRO 1	Human Evol Biol	(4)		ANTHRO 101	Human Biological Evolution	(3)
	<b>OR</b>			<b>OR</b>		
MOL&CB 10	Intro Human Heredity	(4)		NO COMPARABLE COURSE		
	<b>OR</b>			<b>OR</b>		
NE PH B 10	Elem Human Physio	(3)		PHYSIOL 1	Introduction to Human Physiology	(4)

**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.

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**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.

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**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.

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**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.

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PSYCH 1	General Psychology	(4)	PSYCH 1	General Psychology I	(3)
PSYCH 41	Research Methods	(4)	NO COMPARABLE COURSE		

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STATIST 13	Elementary Statistics	(4)	MATH 227	Statistics	(4)
Same as: STATIST 13Y			<u>OR</u>		
			MATH 228B	Statistics Pathway Part II	(5)
			<u>OR</u>		
			STAT 1	Elementary Statistics I for the Social Sciences	(3)

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MATH 16A	Short Calculus	(3)	MATH 261	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 262	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 261	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 262	Calculus II	(5)

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PHYSICS 10	Topics, Nonscientists	(4)	PHYSICS 12	Physics Fundamentals	(3)
	<u>OR</u>			<u>OR</u>	
PHYSICS 10C	Physics of California	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	<u>OR</u>			<u>OR</u>	
PHYSICS 7A	General Physics	(4)	PHYSICS 6	<u>&amp;</u> General Physics I	(4)
			PHYSICS 7	General Physics II	(4)
			<u>OR</u>		
			PHYSICS 66	<u>&amp;</u> Physics for Life Science Majors I	(5)
			PHYSICS 67	Physics for Life Science Majors II	(5)
PHYSICS 7B	General Physics	(4)	PHYSICS 6	<u>&amp;</u> General Physics I	(4)
			PHYSICS 7	General Physics II	(4)
			<u>OR</u>		
			PHYSICS 66	<u>&amp;</u> Physics for Life Science Majors I	(5)
			PHYSICS 67	Physics for Life Science Majors II	(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.

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BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOLOGY 6	General Biology I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOLOGY 7	General Biology II	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOLOGY 6	General Biology I	(5)

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CHEM 2A	Genl Chemistry	(5)	CHEM 101	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 101	<u>&amp;</u> General Chemistry I	(5)
			CHEM 102	General Chemistry II	(5)

CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE
<b>OR</b>			<b>OR</b>
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 211 Organic Chemistry for (5) Science Majors I
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 211 & Organic Chemistry for (5) Science Majors I
			CHEM 212 Organic Chemistry for (5) Science Majors II
<b>OR</b>			<b>OR</b>
CHEM 128A	Organic Chemistry	(3)	CHEM 211 Organic Chemistry for (5) Science Majors I
CHEM 128B	Organic Chemistry	(3)	CHEM 211 & Organic Chemistry for (5) Science Majors I
			CHEM 212 Organic Chemistry for (5) Science Majors II

**END OF MAJOR**

**====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:**

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PSYCH 1	General Psychology	(4)	PSYCH 1	General Psychology I	(3)
PSYCH 41	Research Methods	(4)	NO COMPARABLE COURSE		
STATIST 13	Elementary Statistics	(4)	MATH 227	Statistics	(4)
Same as: STATIST 13Y			<u>OR</u>		
			MATH 228B	Statistics Pathway Part II	(5)
			<u>OR</u>		
			STAT 1	Elementary Statistics I for the Social Sciences	(3)
MATH 21A	Calculus	(4)	MATH 261	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 262	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 263	Calculus III	(5)
ENG CS 36A	Programming	(4)	CO SCI 539	Programming in C	(3)
Formerly ENG CS 30			<u>OR</u>		
			CO SCI 552	Programming in Java	(3)
	<u>OR</u>		<u>OR</u>		
ENG CS 32A	Intro to Programming	(4)	NO COMPARABLE COURSE		

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.

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CHEM 10	Concept of Chem	(4)	NO COMPARABLE COURSE
	<b>OR</b>		<b>OR</b>
CHEM 2A	Genl Chemistry	(5)	CHEM 101 General Chemistry I (5)
CHEM 2B	Genl Chemistry	(5)	CHEM 101 & General Chemistry I (5)
			CHEM 102 General Chemistry II (5)
	<b>OR</b>		<b>OR</b>
CHEM 2AH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE
CHEM 2BH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE

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PHYSICS 10	Topics, Nonscientists	(4)	PHYSICS 12 Physics Fundamentals (3)
	<b>OR</b>		<b>OR</b>
PHYSICS 10C	Physics of California	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	<b>OR</b>		<b>OR</b>
PHYSICS 7A	General Physics	(4)	PHYSICS 6 & General Physics I (4)
			PHYSICS 7 General Physics II (4)
			<b>OR</b>
			PHYSICS 66 & Physics for Life (5)
			Science Majors I
			PHYSICS 67 Physics for Life (5)
			Science Majors II
PHYSICS 7B	General Physics	(4)	PHYSICS 6 & General Physics I (4)
			PHYSICS 7 General Physics II (4)
			<b>OR</b>
			PHYSICS 66 & Physics for Life (5)
			Science Majors I
			PHYSICS 67 Physics for Life (5)
			Science Majors II

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.

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BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOLGY 6 General Biology I (5)
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**OR A COMBINATION OF**

BIOLSCI 10	Everyday Biology	(4)	BIOLGY 3 Introduction to Biology (4)
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**AND ONE COURSE FROM**

ANTHRO 1	Human Evol Biol	(4)	ANTHRO 101 Human Biological Evolution (3)
	<b>OR</b>		<b>OR</b>
MOL&CB 10	Intro Human Heredity	(4)	NO COMPARABLE COURSE
	<b>OR</b>		<b>OR</b>
NE PH B 10	Elem Human Physio	(3)	PHYSIOL 1 Introduction to Human Physiology (4)

**END OF MAJOR**

====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.

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**Transfer Admission Guarantee (TAG) Note:**

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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.

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**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.

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**ONE COURSE FROM THE FOLLOWING:**

REL STD 1	Survey of Religion	(4)	NO COMPARABLE COURSE
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

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**Transfer Admission Guarantee (TAG) Note:**

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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:**

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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)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HUMAN 3	Medicine & Humanities	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PHILOS 30	Intro Philos of Sci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PHILOS 31	Scientific Reason	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
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>

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**END OF MAJOR**

**====Sociology A.B.====**

**Special Advising Note:**

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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.

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**Transfer Admission Guarantee (TAG) Note:**

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**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.

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**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.

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**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.

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SOCIOL 1	Intro Sociology	(5)		SOC 1	Introduction to Sociology	(3)
SOCIOL 46A	Intro Social Rsch	(4)		SOC 4	Sociological Analysis	(3)
	<b>AND</b>			<b>AND</b>		
SOCIOL 46B	Intro Social Rsch	(5)		NO COMPARABLE COURSE		

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**ONE COURSE FROM THE FOLLOWING:**

SOCIOL 2	Self and Society	(4)	SOC 13	Society and Personality	(3)
SOCIOL 3	Social Problems	(4)	SOC 2	American Social Problems	(3)
SOCIOL 4	Immigrtn & Opprtnty	(4)	SOC 11	Race and Ethnic Relations	(3)
SOCIOL 5	Global Soc Change	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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 COURSE ARTICULATED: College has not submitted course(s) for articulation		
SOCIOL 30B	Multicultural Societies	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

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**ONE COURSE FROM THE FOLLOWING:**

ANTHRO 2	Cultural Anthropology	(5)	ANTHRO 102	Human Ways of Life: Cultural Anthropology	(3)
	<b>OR</b>			<b>OR</b>	
ANTHRO 20	Comparative Cultures	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

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**ONE COURSE FROM THE FOLLOWING:**

HISTORY 4A	Western Civ	(4)	NO COMPARABLE COURSE		
HISTORY 4B	Western Civ	(4)	HISTORY 1 &	Introduction to Western Civilization I	(3)
			HISTORY 2	Introduction to Western Civilization II	(3)
HISTORY 4C	Western Civ	(4)	HISTORY 2	Introduction to Western Civilization II	(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)	HISTORY 87	Introduction to World Civilization II	(3)
HISTORY 15A	Africa to 1900	(4)	NO COURSE ARTICULATED		
HISTORY 15B	Africa Today	(4)	NO COURSE ARTICULATED		
HISTORY 17A	U.S. History	(4)	HISTORY 11	Political and Social History of the United States I	(3)
HISTORY 17B	U.S. History	(4)	HISTORY 12	Political and Social History of the United States II	(3)

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**ONE COURSE FROM THE FOLLOWING:**

PHILOS 5	Critical Reasoning	(4)	PHILOS 6	Logic in Practice	(3)
PHILOS 14	Eth Soc Prob in Soc	(4)	PHILOS 2	Society and Values	(3)
PHILOS 24	Intro to Ethics	(4)	PHILOS 20	Ethics	(3)

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**END OF MAJOR**

**====Sociology A.B. (Comparative Studies and World Development)====  
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.

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**Transfer Admission Guarantee (TAG) Note:**

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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.

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**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.

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**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.

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SOCIOL 1	Intro Sociology	(5)		SOC 1	Introduction to Sociology	(3)
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SOCIOL 5	Global Soc Change	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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SOCIOL 46A	Intro Social Rsch	(4)		SOC 4	Sociological Analysis	(3)
	<b>AND</b>				<b>AND</b>	
SOCIOL 46B	Intro Social Rsch	(5)		NO COMPARABLE COURSE		

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ECON 1B	Princ of Macroecon	(4)	ECON 2	Principles of Economics II	(3)
ANTHRO 2	Cultural Anthropology	(5)	ANTHRO 102	Human Ways of Life: Cultural Anthropology	(3)
	OR			OR	
ANTHRO 20	Comparative Cultures	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
HISTORY 10C	World History III	(4)	HISTORY 87	Introduction to World Civilization II	(3)
	OR			OR	
POL SCI 2	Intro Comp Politics	(4)	POL SCI 2	Modern World Governments	(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:**

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**Transfer Admission Guarantee (TAG) Note:**

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

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**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.

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SOCIOL 1	Intro Sociology	(5)	SOC 1	Introduction to Sociology	(3)
SOCIOL 3	Social Problems	(4)	SOC 2	American Social Problems	(3)
	<b>OR</b>			<b>OR</b>	
SOCIOL 4	Immigrtn & Opprtnty	(4)	SOC 11	Race and Ethnic Relations	(3)
	<b>OR</b>			<b>OR</b>	
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 4	Sociological Analysis	(3)
	<b>AND</b>			<b>AND</b>	
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE		

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**4 QUARTER UNITS FROM THE FOLLOWING:**

ANTHRO 2	Cultural Anthropology	(5)	ANTHRO 102	Human Ways of Life: Cultural Anthropology	(3)
ANTHRO 20	Comparative Cultures	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
POL SCI 1	Amer Natl Govt	(4)	POL SCI 1	The Government of the United States	(3)
POL SCI 3	Internatl Relations	(4)	POL SCI 7	Contemporary World Affairs	(3)
POL SCI 4	Bas Cnpt/Pol Thry	(4)	NO COMPARABLE COURSE		
POL SCI 7	Law & Politics	(4)	NO COMPARABLE COURSE		

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**4 QUARTER UNITS FROM THE FOLLOWING:**

HISTORY 4A	Western Civ	(4)	NO COMPARABLE COURSE		
HISTORY 4B	Western Civ	(4)	HISTORY 1 &	Introduction to Western Civilization I	(3)
			HISTORY 2	Introduction to Western Civilization II	(3)
HISTORY 4C	Western Civ	(4)	HISTORY 2	Introduction to Western Civilization II	(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)	HISTORY 87	Introduction to World Civilization II	(3)
HISTORY 15A	Africa to 1900	(4)	NO COURSE	ARTICULATED	
HISTORY 15B	Africa Today	(4)	NO COURSE	ARTICULATED	
HISTORY 17A	U.S. History	(4)	HISTORY 11	Political and Social History of the United States I	(3)
HISTORY 17B	U.S. History	(4)	HISTORY 12	Political and Social History of the United States II	(3)

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PHILOS 5	Critical Reasoning	(4)	PHILOS 6	Logic in Practice	(3)
	OR			OR	
PHILOS 14	Eth Soc Prob in Soc	(4)	PHILOS 2	Society and Values	(3)
	OR			OR	
PHILOS 24	Intro to Ethics	(4)	PHILOS 20	Ethics	(3)

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**END OF MAJOR**

**====Sociology A.B. (Social Services)====**

**Special Advising Note:**

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**Transfer Admission Guarantee (TAG) Note:**

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**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.

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**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.

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**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.

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SOCIOL 1	Intro Sociology	(5)		SOC 1	Introduction to Sociology	(3)
SOCIOL 2	Self and Society	(4)		SOC 13	Society and Personality	(3)
	<b>OR</b>			<b>OR</b>		
SOCIOL 3	Social Problems	(4)		SOC 2	American Social Problems	(3)
SOCIOL 46A	Intro Social Rsch	(4)		SOC 4	Sociological Analysis	(3)
	<b>AND</b>			<b>AND</b>		
SOCIOL 46B	Intro Social Rsch	(5)		NO COMPARABLE COURSE		
PSYCH 1	General Psychology	(4)		PSYCH 1	General Psychology I	(3)

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**6-8 QUARTER UNITS FROM THE FOLLOWING:**

AF-AMST 10	Af-Am Culture & Soc	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
AF-AMST 15	Intro Afro Amer Hum	(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 COMPARABLE COURSE		
CHICANO 10	Intro to Chic Std	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHICANO 50	Chicano Culture	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
N A STD 1	Intro NA Studies	(4)		NO COMPARABLE COURSE		
N A STD 10	NA Experience	(4)		NO COMPARABLE COURSE		
SOCIOL 4	Immigrtn & Opprtnty	(4)		SOC 11	Race and Ethnic Relations	(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 COURSE ARTICULATED: College has not submitted course(s) for articulation		
SOCIOL 30B	Multicultural Societies	(3)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

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**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.

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**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)
	<b>AND</b>				<b>AND</b>	
SOCIOL 2	Self and Society	(4)		SOC 13	Society and Personality	(3)
SOCIOL 4	Immigrtn & Opprtnty	(4)		SOC 11	Race and Ethnic Relations	(3)
	<b>OR</b>				<b>OR</b>	
SOCIOL 5	Global Soc Change	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	<b>OR</b>				<b>OR</b>	
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 4	Sociological Analysis	(3)
	<b>AND</b>				<b>AND</b>	
SOCIOL 46B	Intro Social Rsch	(5)		NO COMPARABLE COURSE		
ECON 1A	Princ of Microecon	(4)		ECON 1	Principles of Economics I	(3)
	<b>AND</b>				<b>AND</b>	
ECON 1B	Princ of Macroecon	(4)		ECON 2	Principles of Economics II	(3)

**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.

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**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.

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**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.

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**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.

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**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.

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SPANISH 1	Elementary Spanish	(5)	SPANISH 1	Elementary Spanish I	(5)
SPANISH 2	Elementary Spanish	(5)	SPANISH 1 & 2	Elementary Spanish I	(5)
			SPANISH 2	Elementary Spanish II	(5)
SPANISH 3	Elementary Spanish	(5)	SPANISH 2	Elementary Spanish II	(5)
SPANISH 21	Intm Spanish	(5)	SPANISH 3	Intermediate Spanish	(5)
				I	
SPANISH 22	Intm Spanish	(5)	SPANISH 4	Intermediate Spanish	(5)
				II	
SPANISH 23	Span Comp I	(4)	SPANISH 5	Advanced Spanish I	(5)
SPANISH 24	Span Comp II	(4)	SPANISH 6	Advanced Spanish II	(5)
	<b>OR</b>			<b>OR</b>	
SPANISH 31	Int Span Nat Spk I	(5)	NO COMPARABLE COURSE		
SPANISH 32	Int Span Nat Spk II	(5)	NO COMPARABLE COURSE		
SPANISH 33	Int Span Nat Spk III	(5)	NO COMPARABLE COURSE		

**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.

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LINGUIS 1	Intro Linguistics	(4)		ANTHRO 161	Introduction to	(3)
					Language and	
					Linguistics	

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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.

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**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.

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**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.

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**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.

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**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.

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MATH 16A	Short Calculus	(3)		MATH 261	Calculus I	(5)
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MATH 16B	Short Calculus	(3)	MATH 262	Calculus II	(5)
MATH 16C	Short Calculus	(3)	MATH 262	Calculus II	(5)
<b>OR</b>			<b>OR</b>		
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		
<b>OR</b>			<b>OR</b>		
MATH 21A	Calculus	(4)	MATH 261	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 262	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 263	Calculus III	(5)
-----					
MATH 22A	Linear Algebra	(3)	MATH 270	Linear Algebra	(3)
-----					
ENG CS 32A	Intro to Programming(4) Formerly ENG CS 10		NO COMPARABLE COURSE		
<b>OR</b>			<b>OR</b>		
ENG CS 36A	Programming Formerly ENG CS 30	(4)	CO SCI 539	Programming in C	(3)
<b>OR</b>			<b>OR</b>		
ENG CS 36B	Object-Oriented Program Formerly ENG CS 40	(4)	CO SCI 552	Programming in Java	(3)
<b>OR</b>			<b>OR</b>		
			CO SCI 540	Object Oriented Programming in C++	(3)

**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.**

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STATIST 32 Gateway to Data Science (4) | NO COMPARABLE COURSE  
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**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](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.

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**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.

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**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.

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**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.

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MATH 16A	Short Calculus	(3)	MATH 261	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 262	Calculus II	(5)
MATH 16C	Short Calculus	(3)	MATH 262	Calculus II	(5)
	<b>OR</b>			<b>OR</b>	
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		
	<b>OR</b>			<b>OR</b>	
MATH 21A	Calculus	(4)	MATH 261	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 262	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 263	Calculus III	(5)

**NOTE: THE MATH 21A,B,C SERIES IS RECOMMENDED IF AVAILABLE**

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MATH 22A	Linear Algebra	(3)	MATH 270	Linear Algebra	(3)
ENG CS 32A	Intro to Programming(4) Formerly ENG CS 10		NO COMPARABLE COURSE		
	<b>OR</b>			<b>OR</b>	
ENG CS 36A	Programming Formerly ENG CS 30	(4)	CO SCI 539	Programming in C	(3)
	<b>OR</b>		<b>OR</b>		
	<b>OR</b>		CO SCI 552	Programming in Java	(3)
	<b>OR</b>		<b>OR</b>		
ENG CS 36B	Object-Oriented Program Formerly ENG CS 40	(4)	CO SCI 540	Object Oriented Programming in C++	(3)

**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.**

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**AND ONE COURSE FROM**

STATIST 12	Discrete Probabil	(4)	NO COMPARABLE COURSE		
STATIST 13	Elementary Statistics Same as: STATIST 13Y	(4)	MATH 227	Statistics	(4)
			<b>OR</b>		
			MATH 228B	Statistics Pathway Part II	(5)
			<b>OR</b>		
			STAT 1	Elementary Statistics I for the Social Sciences	(3)

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 261	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 262	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 263	Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH 263	Calculus III	(5)
MATH 22A	Linear Algebra	(3)	MATH 270	Linear Algebra	(3)
ENG CS 36C	Data Structures	(4)	CO SCI 536	Introduction to Data Structures	(3)
	Formerly ENG CS 60				

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.

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**AND ONE COURSE FROM**

STATIST 12	Discrete Probabil	(4)		NO COMPARABLE COURSE	
STATIST 13	Elementary Statistics	(4)		MATH 227	Statistics (4)
Same as:	STATIST 13Y			<u>OR</u>	
				MATH 228B	Statistics Pathway (5)
					Part II
				<u>OR</u>	
				STAT 1	Elementary Statistics (3)
					I for the Social
					Sciences
STATIST 32	Gateway to Data Science	(4)		NO COMPARABLE COURSE	

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**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.

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**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.

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**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.

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**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.

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MATH 21A	Calculus	(4)		MATH 261	Calculus I	(5)
MATH 21B	Calculus	(4)		MATH 262	Calculus II	(5)

MATH 21C	Calculus	(4)	MATH 263	Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH 263	Calculus III	(5)
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MATH 22A	Linear Algebra	(3)	MATH 270	Linear Algebra	(3)
	<b>OR</b>			<b>OR</b>	
MATH 67	Modern Linear Algebra	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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MATH 25	Advanced Calculus	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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ENG CS 32A	Intro to Programming(4) Formerly ENG CS 10		NO COMPARABLE COURSE		
	<b>OR</b>			<b>OR</b>	
ENG CS 36A	Programming Formerly ENG CS 30	(4)	CO SCI 539	Programming in C	(3)
	<b>OR</b>		<b>OR</b>		
			CO SCI 552	Programming in Java	(3)
	<b>OR</b>		<b>OR</b>		
ENG CS 36B	Object-Oriented Program Formerly ENG CS 40	(4)	CO SCI 540	Object Oriented Programming in C++	(3)

**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.**

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**AND ONE COURSE FROM**

STATIST 13	Elementary Statistics Same as: STATIST 13Y	(4)	MATH 227	Statistics	(4)
			<b>OR</b>		
			MATH 228B	Statistics Pathway Part II	(5)
			<b>OR</b>		
			STAT 1	Elementary Statistics I for the Social Sciences	(3)
STATIST 12	Discrete Probabil	(4)	NO COMPARABLE COURSE		
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		

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**====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.

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**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 261	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 262	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 263	Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH 263	Calculus III	(5)
MATH 22A	Linear Algebra	(3)	MATH 270	Linear Algebra	(3)

ENG CS 32A	Intro to Programming(4) Formerly ENG CS 10		NO COMPARABLE COURSE		
	<b>OR</b>		<b>OR</b>		
ENG CS 36A	Programming (4) Formerly ENG CS 30		CO SCI 539	Programming in C	(3)
	<b>OR</b>		<b>OR</b>		
			CO SCI 552	Programming in Java	(3)
	<b>OR</b>		<b>OR</b>		
ENG CS 36B	Object-Oriented Program (4) Formerly ENG CS 40		CO SCI 540	Object Oriented Programming in C++	(3)

STATIST 12	Discrete Probabil (4) <b>OR</b>		NO COMPARABLE COURSE		
	<b>OR</b>		<b>OR</b>		
STATIST 13	Elementary Statistics (4) Same as: STATIST 13Y		MATH 227	Statistics	(4)
	<b>OR</b>		<b>OR</b>		
			MATH 228B	Statistics Pathway Part II	(5)
	<b>OR</b>		<b>OR</b>		
			STAT 1	Elementary Statistics (3) I for the Social Sciences	
	<b>OR</b>		<b>OR</b>		
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.

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**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.

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**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.

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**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.

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**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 101	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		
	<b>OR</b>		<b>OR</b>		
PL SCI 49	Org Crop Prod Prac	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

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**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		
	<b>OR</b>		<b>OR</b>		
ABIOSYT 52	Field Equip Welding	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

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**PLUS CHOOSE ONE OF THE FOLLOWING THREE TRACKS:**

**TRACK I: AGRICULTURE AND ECOLOGY**

MATH 16A	Short Calculus	(3)	MATH 261	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 262	Calculus II	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM 101	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 101 &	General Chemistry I	(5)
			CHEM 102	General Chemistry II	(5)

PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE	
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOLOGY 7	General Biology II (5)
PL SCI 2	Bot Physio Cul Plt	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
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 1	Principles of Economics (3)
			I	
CM&RGDE 1	The Community	(4)	NO COMPARABLE COURSE	
PHILOS 14	Eth Soc Prob in Soc	(4)	PHILOS 2	Society and Values (3)
	OR			OR
PHILOS 15	Intro to Bioethics	(4)	PHILOS 19	Contemporary Problems (3)
	OR			OR
PHILOS 24	Intro to Ethics	(4)	PHILOS 20	Ethics (3)
ANTHRO 2	Cultural Anthropology	(5)	ANTHRO 102	Human Ways of Life: (3)
	OR			OR
POL SCI 4	Bas Cnpt/Pol Thry	(4)	NO COMPARABLE COURSE	
	OR			OR
SOCIOL 1	Intro Sociology	(5)	SOC 1	Introduction to Sociology (3)
	OR			OR
SOCIOL 3	Social Problems	(4)	SOC 2	American Social Problems (3)
<b>TRACK II: FOOD AND SOCIETY</b>				
PHILOS 5	Critical Reasoning	(4)	PHILOS 6	Logic in Practice (3)
	OR			OR
PHILOS 31	Scientific Reason	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
PHILOS 14	Eth Soc Prob in Soc	(4)	PHILOS 2	Society and Values (3)
	OR			OR
PHILOS 15	Intro to Bioethics	(4)	PHILOS 19	Contemporary Problems (3)
	OR			OR
PHILOS 24	Intro to Ethics	(4)	PHILOS 20	Ethics (3)
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE	
	OR			OR
STATIST 13	Elementary Statistics	(4)	MATH 227	Statistics (4)
Same as: STATIST 13Y			OR	
			MATH 228B	Statistics Pathway (5)
				Part II
			OR	
			STAT 1	Elementary Statistics (3)
				I for the Social Sciences
CHEM 2A	Genl Chemistry	(5)	CHEM 101	General Chemistry I (5)

BIOLSCI 10	Everyday Biology	(4)	BIOLOGY 3	Introduction to Biology	(4)
PL SCI 2	Bot Physio Cul Plt	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOLOGY 7	General Biology II	(5)
	<b>OR</b>			<b>OR</b>	
ENV S&P 1	Env Analysis	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	<b>OR</b>			<b>OR</b>	
ENV S&P 30	Global Ecosystem	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	Same as: ENV SC&M 30				
	<b>OR</b>			<b>OR</b>	
W&F BIO 10	Wildl Ecol Conserve	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	<b>OR</b>			<b>OR</b>	
W&F BIO 51	Intro to Conservation Biology	(3)	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)	PLNT SC 103	Introduction to Soil Science	(3)
ECON 1A	Princ of Microecon	(4)	ECON 1	Principles of Economics I	(3)
POL SCI 4	Bas Cnpt/Pol Thry	(4)	NO COMPARABLE COURSE		
ANTHRO 2	Cultural Anthropology	(5)	ANTHRO 102	Human Ways of Life: Cultural Anthropology	(3)
	<b>OR</b>			<b>OR</b>	
SOCIOL 1	Intro Sociology	(5)	SOC 1	Introduction to Sociology	(3)
	<b>OR</b>			<b>OR</b>	
SOCIOL 3	Social Problems	(4)	SOC 2	American Social Problems	(3)
CM&RGDE 1	The Community	(4)	NO COMPARABLE COURSE		
CM&RGDE 2	Ethnicity Amer Comm	(4)	NO COMPARABLE COURSE		
<b>TRACK III: ECONOMICS AND POLICY</b>					
MATH 16A	Short Calculus	(3)	MATH 261	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 262	Calculus II	(5)
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE		
	<b>OR</b>			<b>OR</b>	
STATIST 13	Elementary Statistics	(4)	MATH 227	Statistics	(4)
	Same as: STATIST 13Y		<b>OR</b>		
			MATH 228B	Statistics Pathway Part II	(5)
			<b>OR</b>		
			STAT 1	Elementary Statistics I for the Social Sciences	(3)
CHEM 2A	Genl Chemistry	(5)	CHEM 101	General Chemistry I	(5)
BIOLSCI 10	Everyday Biology	(4)	BIOLOGY 3	Introduction to Biology	(4)

PL SCI 2	Bot Physio Cul Plt	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOLOGY 7 General Biology II (5)
	OR		OR
ENV S&P 1	Env Analysis	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	OR		OR
ENV S&P 30	Global Ecosystem	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	Same as: ENV SC&M 30		
	OR		OR
W&F BIO 10	Wildl Ecol Conserve	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	OR		OR
W&F BIO 51	Intro to Conservation Biology	(3)	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)	PLNT SC 103 Introduction to Soil Science (3)
ECON 1A	Princ of Microecon	(4)	ECON 1 Principles of Economics I (3)
ECON 1B	Princ of Macroecon	(4)	ECON 2 Principles of Economics II (3)
POL SCI 4	Bas Cnpt/Pol Thry	(4)	NO COMPARABLE COURSE
ANTHRO 2	Cultural Anthropology	(5)	ANTHRO 102 Human Ways of Life: Cultural Anthropology (3)
	OR		OR
SOCIOL 1	Intro Sociology	(5)	SOC 1 Introduction to Sociology (3)
	OR		OR
SOCIOL 3	Social Problems	(4)	SOC 2 American Social Problems (3)
CM&RGDE 1	The Community	(4)	NO COMPARABLE COURSE
PHILOS 14	Eth Soc Prob in Soc	(4)	PHILOS 2 Society and Values (3)
	OR		OR
PHILOS 15	Intro to Bioethics	(4)	PHILOS 19 Contemporary Problems in Bioethics (3)
	OR		OR
PHILOS 24	Intro to Ethics	(4)	PHILOS 20 Ethics (3)

END OF MAJOR

====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](#). 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.

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**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.

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**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.

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**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.

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**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 101	Public Speaking	(3)
ENGLISH 3	Intro to Lit	(4)	ENGLISH 102	College Reading and Composition II	(3)
	<b>OR</b>			<b>OR</b>	
UWRITING 1	Expository Writing	(4)	ENGLISH 101	College Reading and Composition I	(3)
	<b>OR</b>			<b>OR</b>	
UWRITING 48	Style in the Essay Formerly UWRITING 18	(4)	NO COMPARABLE COURSE		
	<b>OR</b>			<b>OR</b>	
UWRITING 49	Writing Research Papers Formerly UWRITING 19	(4)	NO COMPARABLE COURSE		
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOLOGY 7	General Biology II	(5)

**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 COMPARABLE COURSE		
LND ARC 3	Sustainable Development	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
LND ARC 21	Landscape Rep I Formerly Design Visualization	(4)	NO COMPARABLE COURSE		
LND ARC 30	History Environ Design	(4)	NO COMPARABLE COURSE		
LND ARC 50	Site Ecology	(4)	NO COMPARABLE COURSE		
LND ARC 70	Intro to Spacemaking	(4)	NO COMPARABLE COURSE		

**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](#) 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.

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**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.

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

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PL SCI 21      Computers in Technology    (3) | NO COURSE ARTICULATED: College has not  
| submitted course(s) for articulation

	<b>OR</b>			<b>OR</b>	
B) ENG CS 15	Intro to Computers	(4)	CO SCI 501	Introduction to Computers and Their Uses	(3)
	<b>OR</b>			<b>OR</b>	
ENG CS 36A	Programming	(4)	CO SCI 539	Programming in C	(3)
	Formerly ENG CS 30		<b>OR</b>		
			CO SCI 552	Programming in Java	(3)

**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.**

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ECON 1A	Princ of Microecon	(4)	ECON 1	Principles of Economics I	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 2	Principles of Economics II	(3)

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**4 QUARTER UNITS FROM THE FOLLOWING:**

ANTHRO 2	Cultural Anthropology	(5)	ANTHRO 102	Human Ways of Life: Cultural Anthropology	(3)
	<b>OR</b>			<b>OR</b>	
SCI&SOC 1	Critical Inquiry into Contemporary Issues	(4)	NO COMPARABLE COURSE		
	<b>OR</b>			<b>OR</b>	
ARTHI 1A	Ancient Mediterranean Art	(4)	ART 101	Survey of Art History I	(3)
	<b>OR</b>			<b>OR</b>	
ARTHI 1B	Mediev&Renaiss Art	(4)	ART 101	Survey of Art History I	(3)
	<b>OR</b>		<b>OR</b>		
			ART 102	Survey of Art History II	(3)
	<b>OR</b>			<b>OR</b>	
ARTHI 1C	Baroque to Modern Art	(4)	ART 102	Survey of Art History II	(3)
	<b>OR</b>		<b>OR</b>		
			ART 111	History of Contemporary Art	(3)
	<b>OR</b>			<b>OR</b>	
ARTHI 1D	Arts of Asia	(4)	NO COMPARABLE COURSE		

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**ALL OF THE FOLLOWING COURSES:**

PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
	<b>OR</b>			<b>OR</b>	
PHYSICS 10	Topics, Nonscientists	(4)	PHYSICS 12	Physics Fundamentals	(3)
PSYCH 1	General Psychology	(4)	PSYCH 1	General Psychology I	(3)
SOCIOL 2	Self and Society	(4)	SOC 13	Society and Personality	(3)
STATIST 13	Elementary Statistics	(4)	MATH 227	Statistics	(4)
	Same as: STATIST 13Y		<b>OR</b>		
			MATH 228B	Statistics Pathway Part II	(5)
			<b>OR</b>		
			STAT 1	Elementary Statistics I for the Social Sciences	(3)

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TEX&CL 6	Intro Textiles	(4)	NO COMPARABLE COURSE		
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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)	ACCTG 1	Introductory Accounting (5) I
MGMT 11B	Elem Accounting	(4)	ACCTG 2	Introductory Accounting (5) II
CHEM 10	Concept of Chem OR	(4)	NO COMPARABLE COURSE	
CHEM 2A	Genl Chemistry	(5)	CHEM 101	General Chemistry I (5)
MATH 16A	Short Calculus	(3)	MATH 261	Calculus I (5)
MATH 16B	Short Calculus	(3)	MATH 262	Calculus II (5)

**RESTRICTED ELECTIVES (12 QUARTER UNITS):**

AGRESEC 18	Business Law	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
DESIGN 77	Intro to Fashion Design	(4)	NO COMPARABLE COURSE	
MATH 16C	Short Calculus	(3)	MATH 262	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.

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**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 COURSE ARTICULATED: College has not submitted course(s) for articulation
	OR			OR
B) ENG CS 15	Intro to Computers	(4)		CO SCI 501 Introduction to Computers and Their Uses (3)
	OR			OR

ENG CS 36A	Programming	(4)	CO SCI 539	Programming in C	(3)
	Formerly ENG CS 30		<u>OR</u>		
			CO SCI 552	Programming in Java	(3)

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 1	Principles of Economics I	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 2	Principles of Economics II	(3)

**4 QUARTER UNITS FROM THE FOLLOWING:**

ANTHRO 2	Cultural Anthropology	(5)	ANTHRO 102	Human Ways of Life: Cultural Anthropology	(3)
	<u>OR</u>			<u>OR</u>	
SCI&SOC 1	Critical Inquiry into Contemporary Issues	(4)	NO COMPARABLE COURSE		
	<u>OR</u>			<u>OR</u>	
ARTHI 1A	Ancient Mediterranean Art	(4)	ART 101	Survey of Art History I	(3)
	<u>OR</u>			<u>OR</u>	
ARTHI 1B	Mediev&Renaiss Art	(4)	ART 101	Survey of Art History I	(3)
	<u>OR</u>		ART 102	Survey of Art History II	(3)
	<u>OR</u>			<u>OR</u>	
ARTHI 1C	Baroque to Modern Art	(4)	ART 102	Survey of Art History II	(3)
	<u>OR</u>		ART 111	History of Contemporary Art	(3)
	<u>OR</u>			<u>OR</u>	
ARTHI 1D	Arts of Asia	(4)	NO COMPARABLE COURSE		

**ALL OF THE FOLLOWING COURSES:**

PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
	<u>OR</u>			<u>OR</u>	
PHYSICS 10	Topics, Nonscientists	(4)	PHYSICS 12	Physics Fundamentals	(3)
PSYCH 1	General Psychology	(4)	PSYCH 1	General Psychology I	(3)
SOCIOL 2	Self and Society	(4)	SOC 13	Society and Personality	(3)
STATIST 13	Elementary Statistics	(4)	MATH 227	Statistics	(4)
	Same as: STATIST 13Y		<u>OR</u>		
			MATH 228B	Statistics Pathway Part II	(5)
			<u>OR</u>		
			STAT 1	Elementary Statistics I for the Social Sciences	(3)
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 101	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 101 &	General Chemistry I	(5)

|CHEM 102    General Chemistry II    (5)

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CHEM 8A    Organic Chem-Brief    (2) | NO COMPARABLE COURSE  
CHEM 8B    Organic Chem-Brief    (4) | NO COMPARABLE COURSE  
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MATH 16A    Short Calculus    (3) | MATH 261    Calculus I    (5)  
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**RESTRICTED ELECTIVES (16 QUARTER UNITS):**

AGRESEC 18    Business Law    (4) | NO COURSE ARTICULATED: College has not  
submitted course(s) for articulation  
CHEM 2C    Genl Chemistry    (5) | CHEM 102    General Chemistry II    (5)  
CHEM 128A    Organic Chemistry    (3) | CHEM 211    Organic Chemistry for    (5)  
Science Majors I  
CHEM 128B    Organic Chemistry    (3) | CHEM 211 &    Organic Chemistry for    (5)  
Science Majors I  
CHEM 128C    Organic Chemistry    (3) | CHEM 212    Organic Chemistry for    (5)  
Science Majors II  
DESIGN 77    Intro to Fashion Design    (4) | NO COMPARABLE COURSE  
MGMT 11A    Elem Accounting    (4) | ACCTG 1    Introductory Accounting    (5)  
I  
MGMT 11B    Elem Accounting    (4) | ACCTG 2    Introductory Accounting    (5)  
II  
MATH 16B    Short Calculus    (3) | MATH 262    Calculus II    (5)  
MATH 16C    Short Calculus    (3) | MATH 262    Calculus II    (5)  
SOCIO 25    Popular Culture    (4) | NO COMPARABLE COURSE

**Foreign language units may be used to satisfy any or all of the required 16 units.**

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**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.

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**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.

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**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.

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**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.

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**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.

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**NOTE: Lower-division preparation for the Honors A.B. major in Theatre and Dance is the same as that below.**

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**ONE COURSE FROM THE FOLLOWING:**

DRAMART 21A	Fundamentals of Act	(4)	NO COMPARABLE COURSE
DRAMART 40A	Beg Modern Dance	(2)	NO COMPARABLE COURSE
DRAMART 40B	Int Modern Dance	(2)	NO COMPARABLE COURSE
DRAMART 42A	Beg Ballet	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
DRAMART 42B	Inter Ballet	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

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**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

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**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.

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**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.

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**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.

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**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.

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**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)	BIOLOGY 6	General Biology I	(5)
	<b>OR</b>			<b>OR</b>	
PL SCI 2	Bot Physio Cul Plt	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 2A	Genl Chemistry	(5)	CHEM 101	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 101 &	General Chemistry I	(5)
			CHEM 102	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 102	General Chemistry II	(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 COURSE ARTICULATED: College has not		

|submitted course(s) for articulation

**OR EQUIVALENT AND advisor APPROVAL**

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MATH 16A	Short Calculus	(3)		MATH 261	Calculus I	(5)
MATH 16B	Short Calculus	(3)		MATH 262	Calculus II	(5)
PHYSICS 1A	Principles Physics	(3)		NO COMPARABLE COURSE		
	<b>AND</b>			<b>AND</b>		
PHYSICS 1B	Principles Physics	(3)		NO COMPARABLE COURSE		
	<b>OR</b>			<b>OR</b>		
PHYSICS 7A	General Physics	(4)		PHYSICS 6	<b>&amp;</b> General Physics I	(4)
				PHYSICS 7	General Physics II	(4)
				<b>OR</b>		
				PHYSICS 66	<b>&amp;</b> Physics for Life	(5)
					Science Majors I	
				PHYSICS 67	Physics for Life	(5)
					Science Majors II	

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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.

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VIT-ENO 2	Intro to Viticult	(2)		NO COMPARABLE COURSE		
VIT-ENO 3	Intro Winemaking	(3)		NO COMPARABLE COURSE		

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**END OF MAJOR**

**====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.

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**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.

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**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:**

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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)	ENGLISH 101	College Reading and (3) Composition I
	<b>AND</b>			<b>AND</b>
COMUNCN 1	Intro Public Spkg	(4)	COMM 101	Public Speaking (3)
	<b>OR</b>			<b>OR</b>
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	COMM 121	Interpersonal (3) Communication
	<b>OR</b>			<b>OR</b>
DRAMART 10	Intro To Acting	(4)	THEATER 270	Beginning Acting (3)
			<b>OR</b>	
			THEATER 271	Intermediate Acting (3)
			<b>OR</b>	
			THEATER 273	Advanced Acting (2)

Note: Completing UWP 1 and Communication 1 will simultaneously satisfy the College requirements.

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

CHEM 2A	Genl Chemistry	(5)	CHEM 101	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 101 & CHEM 102	General Chemistry I	(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 261	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 262	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 COURSE ARTICULATED: College has not submitted course(s) for articulation
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 102	General Chemistry II	(5)
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 211	Organic Chemistry for Science Majors I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 211 & CHEM 212	Organic Chemistry for Science Majors I	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 212	Organic Chemistry for Science Majors II	(5)
PHYSICS 7A	General Physics	(4)	PHYSICS 6 & PHYSICS 7	General Physics I	(4)
			PHYSICS 66 & PHYSICS 67	General Physics II	(4)
			OR		
			PHYSICS 66 & PHYSICS 67	Physics for Life Science Majors I	(5)
			PHYSICS 67	Physics for Life Science Majors II	(5)
PHYSICS 7B	General Physics	(4)	PHYSICS 6 & PHYSICS 7	General Physics I	(4)
			PHYSICS 66 & PHYSICS 67	General Physics II	(4)
			OR		
			PHYSICS 66 & PHYSICS 67	Physics for Life Science Majors I	(5)
			PHYSICS 67	Physics for Life Science Majors II	(5)
PHYSICS 7C	General Physics	(4)	PHYSICS 6 & PHYSICS 7	General Physics I	(4)
			PHYSICS 66 & PHYSICS 67	General Physics II	(4)
			OR		
			PHYSICS 66 & PHYSICS 67	Physics for Life Science Majors I	(5)
			PHYSICS 67	Physics for Life Science Majors II	(5)

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END OF MAJOR

====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 261	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 262	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 263	Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH 263	Calculus III	(5)
MATH 22A	Linear Algebra	(3)	MATH 270	Linear Algebra	(3)
MATH 22B	Differntl Equations	(3)	MATH 275	Ordinary Differential Equations	(3)
CHEM 2A	Genl Chemistry	(5)	CHEM 101	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 101 & CHEM 102	General Chemistry I General Chemistry II	(5) (5)
CHEM 2C	Genl Chemistry	(5)	CHEM 102	General Chemistry II	(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 211	Organic Chemistry for Science Majors I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 211 & CHEM 212	Organic Chemistry for Science Majors I Organic Chemistry for Science Majors II	(5) (5)
CHEM 128A	Organic Chemistry	(3)	CHEM 211	Organic Chemistry for Science Majors I	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 211 & CHEM 212	Organic Chemistry for Science Majors I Organic Chemistry for Science Majors II	(5) (5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 211	Organic Chemistry for Science Majors I	(5)
PHYSICS 9A	Classical Physics	(5)	PHYSICS 101	Physics for Engineers and Scientists I	(5)

PHYSICS 9B	Classical Physics	(5)	PHYSICS 102 &	Physics for Engineers and Scientists II	(5)
			PHYSICS 103	Physics for Engineers and Scientists III	(5)
PHYSICS 9C	Classical Physics	(5)	PHYSICS 102 &	Physics for Engineers and Scientists II	(5)
			PHYSICS 103	Physics for Engineers and Scientists III	(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		
z) ENGIN 35	Statics	(4)	NO COMPARABLE COURSE		
ENGIN 45	Prop of Mats	(4)	NO COMPARABLE COURSE		
ENG CS 20	C Sci/Discrete Math	(4)	CO SCI 542 Discrete Structures for Computer Science (3)		
ENG CS 36A	Programming	(4)	CO SCI 539	Programming in C	(3)
Formerly ENG CS 30			<b>OR</b>		
			CO SCI 552	Programming in Java	(3)
ENG CS 36B	Object-Oriented Program	(4)	CO SCI 540	Object Oriented Programming in C++	(3)
Formerly ENG CS 40					
ENG CS 50	Machine Dependent Prog	(4)	CO SCI 516	Beginning Computer Architecture and Organization	(3)
ENG CS 36C	Data Structures	(4)	CO SCI 536	Introduction to Data Structures	(3)
Formerly ENG CS 60					
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)	ENGLISH 101	College Reading and Composition I	(3)
ENGLISH 3	Intro to Lit	(4)	ENGLISH 102	College Reading and Composition II	(3)
COMUNCN 1	Intro Public Spkg	(4)	COMM 101	Public Speaking	(3)
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	COMM 121	Interpersonal Communication	(3)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOLOGY 6	General Biology I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOLOGY 7	General Biology II	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOLOGY 6	General Biology I	(5)
i) k)	GEOLOGY 50 Physical Geology	(3)	GEOLOGY 1	Physical Geology	(3)
ATM SCI 60	Intro to Atmospheric Science	(4)	NO COMPARABLE COURSE		

END OF MAJOR

- z) This articulation may not be approved to satisfy requirements for the College of Engineering. Refer to an Engineering major page for College of Engineering articulation information.
- i) This course is not strictly comparable with UC Davis courses but will fulfill the introductory physical geology requirement for the geology major at UC Davis.
- k) If a student takes GEOLOGY 1 at Los Angeles Pierce College, credit will be given for UC Davis's GEOLOGY 1 or 50, not both