

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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**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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**ONE COURSE FROM THE FOLLOWING:**

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

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**ONE COURSE FROM THE FOLLOWING:**

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

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**ONE COURSE FROM THE FOLLOWING:**

ANTHRO 2	Cultural Anthropology	(5)		ANTHRO 2	Cultural Anthropology	(3)
ECON 1A	Princ of Microecon	(4)		ECON 1B	Principles of Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)		ECON 1A	Principles of Macroeconomics	(3)
SOCIOL 1	Intro Sociology	(5)		SOC 1A	Introduction to Sociology	(3)
POL SCI 1	Amer Natl Govt	(4)		POLSCI 2	American Government	(3)
POL SCI 2	Intro Comp Politics	(4)		POLSCI 5	Comparative Government	(3)
PSYCH 1	General Psychology	(4)		PSY 2	General Psychology	(3)
				<b>OR</b>		
				PSY 2H	Honors General Psychology	(3)

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**ONE COURSE FROM THE FOLLOWING:**

CHICANO 10	Intro to Chic Std	(4)		NO COMPARABLE COURSE
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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 COMPARABLE COURSE

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**TWO COURSES FROM THE FOLLOWING:**

HISTORY 15A	Africa to 1900	(4)		NO COURSE ARTICULATED
HISTORY 15B	Africa Today	(4)		NO COURSE ARTICULATED
HISTORY 17A	U.S. History	(4)		HIST 11 History of the United States to 1877 (3)
HISTORY 17B	U.S. History	(4)		HIST 12 History of the United States since 1865 (3)
				<b>OR</b>
				HIST 12H Honors History of the United States Since 1865 (3)

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**4 QUARTER UNITS FROM THE FOLLOWING:**

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

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**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.

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

The College of A&ES English Composition requirement for the Bachelor's degree is an element of the UC Davis General Education (GE) pattern. This GE requirement may be satisfied by completing either two courses emphasizing written expression OR one course emphasizing written expression and one course emphasizing oral expression, with a grade of C- (or P) or better. The following UC Davis lower-division courses are among those that have been approved to satisfy this requirement: English 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1\*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (emphasis in either writing or speaking skills). The English Composition requirement may also be met by achieving a score of 4 or 5 on the Advanced Placement (AP) English examination PLUS completing any previously listed course, EXCEPT English 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC transfer students who have successfully completed the IGETC lower-division coursework are exempt from all GE requirements that may be met with lower-division courses. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

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

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

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

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

HISTORY 17A	U.S. History	(4)		HIST 11	History of the United States to 1877	(3)
	OR				OR	
POL SCI 1	Amer Natl Govt	(4)		POLSCI 2	American Government	(3)

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

AN SCI 1	Domestic Ani & People	(4)		NO COMPARABLE COURSE
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AN SCI 2	Intro Animal Sci	(4)	NO COMPARABLE COURSE
AN SCI 21	Livestock&Dairy Jdg	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
AN SCI 41	Domestic Ani Prod	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation

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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

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AGRESEC 15	Pop,Envr,World Agri	(4)	NO COMPARABLE COURSE
<b>AND</b>			<b>AND</b>
ECON 1A	Princ of Microecon	(4)	ECON 1B Principles of Microeconomics (3)
<b>OR</b>			<b>OR</b>
ECON 1B	Princ of Macroecon	(4)	ECON 1A Principles of Macroeconomics (3)

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ENVHORT 1	Intro Envhort/Urb For	(3)	NO COMPARABLE COURSE
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 COURSE ARTICULATED: College has not submitted course(s)for articulation

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ENV S&P 10	Current Issues in Environment	(3)	NO COMPARABLE COURSE
<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			

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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 COURSE ARTICULATED: College has not submitted course(s)for articulation
VIT-ENO 3	Intro Winemaking	(3)	NO COMPARABLE COURSE

**ALL OF THE FOLLOWING COURSES:**

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 11A Biology for Science Majors I (5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 11A & Biology for Science Majors I (5)
			BIOL 11B Biology for Science Majors II (5)

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

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f) GEOLOGY 1	The Earth	(4)	GEOL 1 Physical Geology (4)
GEOLOGY 20	California Geology	(2)	NO COMPARABLE COURSE
SOILSCI 10	Soils in Our	(3)	NO COURSE ARTICULATED: College has not

Environment		submitted course(s) for articulation	
MATH 16A	Short Calculus	(3)	MATH 5A Math Analysis I (5)
MATH 16B	Short Calculus	(3)	MATH 5B Math Analysis II (4)
<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 5A Math Analysis I (5)
MATH 21B	Calculus	(4)	MATH 5B Math Analysis II (4)
PHYSICS 7A	General Physics	(4)	PHYS 2A & General Physics I (4)
			PHYS 2B General Physics II (4)
PHYSICS 7B	General Physics	(4)	PHYS 2A & General Physics I (4)
			PHYS 2B 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.

**END OF MAJOR**

f) **If a student takes GEOL 1 at Clovis Community College, credit will be given for UC Davis's GEOLOGY 1 or 50+50L, 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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**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:**

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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:**

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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:**

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AF-AMST 10	Af-Am Culture & Soc	(4)	NO COMPARABLE COURSE
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A A STD 1	Hist Exp Asian Am	(4)	NO COMPARABLE COURSE
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CHICANO 10	Intro to Chic Std	(4)	NO COMPARABLE COURSE
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N A STD 1	Intro NA Studies	(4)	NO COMPARABLE COURSE
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**ONE COURSE FROM THE FOLLOWING:**

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ANTHRO 2	Cultural Anthropology	(5)	ANTHRO 2 Cultural Anthropology (3)
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SOCIOL 2	Self and Society	(4)	NO COMPARABLE COURSE
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WOM STD 50	Intro Gender Studies	(4)	NO COMPARABLE COURSE
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**ONE COURSE FROM THE FOLLOWING:**



HISTORY 17A	U.S. History	(4)	HIST 11	History of the United States to 1877	(3)
HISTORY 17B	U.S. History	(4)	HIST 12	History of the United States since 1865	(3)
			<u>OR</u>		
			HIST 12H	Honors History of the United States Since 1865	(3)
HISTORY 72A	Am Women & Gender	(4)	NO COMPARABLE COURSE		
HISTORY 72B	Am Women & Gender	(4)	NO COMPARABLE COURSE		

**ONE COURSE FROM THE FOLLOWING:**

ENGLISH 3	Intro to Lit	(4)	ENGL 1B	Introduction to the Study of Literature	(3)
			<u>OR</u>		
			ENGL 1BH	Honors Introduction to the Study of Literature	(3)
ENGLISH 10A	Literatures in English I: To 1700	(4)	ENGL 46A	English Literature to 1800	(3)
d) ENGLISH 10B	Literatures in English II: 1700-1900	(4)	ENGL 43A	American Literature: Origins through Reconstruction (1877)	(3)
			<u>OR</u>		
			ENGL 46B	English Literature from 1800 to the present	(3)
d) ENGLISH 10C	Literatures in English III: 1900 to Present	(4)	ENGL 43B	American Literature: 1877 to Present	(3)
			<u>OR</u>		
			ENGL 46B	English Literature from 1800 to the present	(3)
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**

d) Students who complete ENGL 46B at Clovis Community College will receive credit at UC Davis for ENGLISH 10B or 10C, not both.

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

**Special Advising 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.

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

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BIOLSCI 2B	Earth Intro Biology: Ecology & Evolution	(5)	BIOL 11A	<u>&amp;</u> Majors I Biology for Science	(5)
			BIOL 11B	Majors I Biology for Science	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 11B	Majors II Biology for Science	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A	<u>&amp;</u> General Chemistry	(5)
			CHEM 1B	General Chemistry and Qualitative Analysis	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry and Qualitative Analysis	(5)

CHEM 8A	Organic Chem-Brief	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 8B	Organic Chem-Brief	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	<b>OR</b>			<b>OR</b>	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 28A	<u>&amp;</u> Organic Chemistry I	(3)
			CHEM 29A	Organic Chemistry Laboratory I	(2)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 28A	<u>&amp;</u> Organic Chemistry I	(3)
			CHEM 29A	<u>&amp;</u> Organic Chemistry Laboratory I	(2)
			CHEM 28B	<u>&amp;</u> Organic Chemistry II	(3)
			CHEM 29B	Organic Chemistry Laboratory II	(2)

MATH 16A	Short Calculus	(3)	MATH 5A	Math Analysis I	(5)
MATH 16B	Short Calculus	(3)	MATH 5B	Math Analysis II	(4)
MATH 16C	Short Calculus	(3)	MATH 5B	Math Analysis II	(4)
	<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 5A	Math Analysis I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Math Analysis II	(4)
MATH 21C	Calculus	(4)	MATH 6	Math Analysis III	(5)

PHYSICS 7A	General Physics	(4)	PHYS 2A	<u>&amp;</u> General Physics I	(4)
			PHYS 2B	General Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYS 2A	<u>&amp;</u> General Physics I	(4)
			PHYS 2B	General Physics II	(4)
PHYSICS 7C	General Physics	(4)	PHYS 2A	<u>&amp;</u> General Physics I	(4)
			PHYS 2B	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.

STATIST 13	Elementary Statistics	(4)	MATH 11	Elementary Statistics	(4)
	Same as: STATIST 13Y		<b>OR</b>		
			STAT 7	Elementary Statistics	(4)

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

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**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:**

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AN SCI 1	Domest Ani & People	(4)		NO COMPARABLE COURSE	
AN SCI 2	Intro Animal Sci	(4)		NO COMPARABLE COURSE	
<hr/>					
BIOLSCI 2A	Intro Biology:Life on Earth	(5)		BIOL 11A	Biology for Science Majors I (5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL 11A &	Biology for Science Majors I (5)
				BIOL 11B	Biology for Science Majors II (5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOL 11B	Biology for Science Majors II (5)
<hr/>					
CHEM 2A	Genl Chemistry	(5)		CHEM 1A	General Chemistry (5)
CHEM 2B	Genl Chemistry	(5)		CHEM 1A &	General Chemistry (5)
				CHEM 1B	General Chemistry and Qualitative Analysis (5)
<hr/>					
CHEM 8A	Organic Chem-Brief	(2)		NO COURSE ARTICULATED: College has not submitted course(s)for articulation	
CHEM 8B	Organic Chem-Brief	(4)		NO COURSE ARTICULATED: College has not submitted course(s)for articulation	
<hr/>					
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)		IS 15	Computer Concepts (3)
<hr/>					
ECON 1A	Princ of Microecon	(4)		ECON 1B	Principles of (3)

ECON 1B	Princ of Macroecon	(4)	ECON 1A	Microeconomics Principles of Macroeconomics	(3)
MGMT 11A	Elem Accounting	(4)	ACCTG 4A & ACCTG 4B	Financial Accounting Managerial Accounting	(4)
MGMT 11B	Elem Accounting	(4)	NO COMPARABLE COURSE		
MATH 16A	Short Calculus	(3)	MATH 5A	Math Analysis I	(5)
MATH 16B	Short Calculus	(3)	MATH 5B	Math Analysis II	(4)
MATH 16C	Short Calculus	(3)	MATH 5B	Math Analysis II	(4)
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 5A	Math Analysis I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Math Analysis II	(4)
MATH 21C	Calculus	(4)	MATH 6	Math Analysis III	(5)

**AREAS OF SPECIALIZATION:**

**AQUATIC ANIMALS SPECIALIZATION**

AN SCI 18	Intro Aquaculture	(4)	NO COMPARABLE COURSE		
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**COMPANION ANIMALS SPECIALIZATION**

AN SCI 42	Intro Comp Ani Bio	(4)	NO COMPARABLE COURSE		
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**DAIRY SPECIALIZATION**

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

**EQUINE SPECIALIZATION**

AN SCI 15	Intro Horse Husb	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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**LIVESTOCK SPECIALIZATION**

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

**POULTRY SPECIALIZATION**

AV SCI 11	Intro Poultry Sci	(3)	NO COMPARABLE COURSE		
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**RESTRICTED ELECTIVES (12 QUARTER UNITS):**

AGRESEC 18	Business Law	(4)	BA 18	Business Law and the Legal Environment	(4)
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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:**

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

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BIOLSCI 2A	Intro Biology: Life on Earth	(5)		BIOL 11A	Biology for Science Majors I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL 11A &	Biology for Science Majors I	(5)
				BIOL 11B	Biology for Science Majors II	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOL 11B	Biology for Science Majors II	(5)

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

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CHEM 8A	Organic Chem-Brief	(2)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 8B	Organic Chem-Brief	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	<b>OR</b>			<b>OR</b>		
CHEM 118A	Org Chem, Hlth & Sci	(4)		CHEM 28A &	Organic Chemistry I	(3)
				CHEM 29A	Organic Chemistry Laboratory I	(2)
CHEM 118B	Org Chem, Hlth & Sci	(4)		CHEM 28A &	Organic Chemistry I	(3)
				CHEM 29A &	Organic Chemistry Laboratory I	(2)
				CHEM 28B &	Organic Chemistry II	(3)
				CHEM 29B	Organic Chemistry Laboratory II	(2)

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MATH 16A	Short Calculus	(3)	MATH 5A	Math Analysis I	(5)
MATH 16B	Short Calculus	(3)	MATH 5B	Math Analysis II	(4)
	<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 5A	Math Analysis I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Math Analysis II	(4)

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**AREAS OF SPECIALIZATION:**

**AQUATIC ANIMALS**

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

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**AVIAN SCIENCES**

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

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**COMPANION AND CAPTIVE ANIMALS**

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

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**EQUINE SCIENCE**

AN SCI 15      Intro Horse Hub                      (3) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation

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**LABORATORY ANIMALS**

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

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**POULTRY**

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

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**END OF MAJOR**

**====Anthropology 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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**EVOLUTIONARY EMPHASIS:**

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

**ONE COURSE FROM THE FOLLOWING:**

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

**ONE COURSE FROM THE FOLLOWING:**

ANTHRO 13	Sci Method in Physical Anthropology	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE
STATIST 13	Elementary Statistics	(4)	MATH 11 Elementary Statistics (4)
Same as: STATIST 13Y			<b>OR</b> STAT 7 Elementary Statistics (4)
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE

**SOCIOCULTURAL EMPHASIS:**

ANTHRO 2 Cultural Anthropology (5) | ANTHRO 2 Cultural Anthropology (3)

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**TWO COURSES FROM THE FOLLOWING:**

ANTHRO 1	Human Evol Biol	(4)		ANTHRO 1	Biological Anthropology	(3)
ANTHRO 3	Intr to Archaeology	(4)		ANTHRO 3	Introduction to Archaeology and Prehistory	(3)
ANTHRO 4	Anthro Linguistics	(4)		NO COMPARABLE COURSE		

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

**END OF MAJOR**

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

**Special Advising Note:**

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ANTHRO 2	Cultural Anthropology	(5)	ANTHRO 2	Cultural Anthropology	(3)
ANTHRO 3	Intr to Archaeology	(4)	ANTHRO 3	Introduction to Archaeology and Prehistory	(3)
BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 11A	Biology for Science Majors I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 11A &	Biology for Science Majors I	(5)
			BIOL 11B	Biology for Science Majors II	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 11B	Biology for Science Majors II	(5)
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CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry and Qualitative Analysis	(5)
CHEM 8A	Organic Chem-Brief	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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	<b>OR</b>			<b>OR</b>	
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			CHEM 29A	Organic Chemistry Laboratory I	(2)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 28A &	Organic Chemistry I	(3)
			CHEM 29A &	Organic Chemistry Laboratory I	(2)
			CHEM 28B &	Organic Chemistry II	(3)
			CHEM 29B	Organic Chemistry Laboratory II	(2)
MATH 16A	Short Calculus	(3)	MATH 5A	Math Analysis I	(5)
MATH 16B	Short Calculus	(3)	MATH 5B	Math Analysis II	(4)
MATH 16C	Short Calculus	(3)	MATH 5B	Math Analysis II	(4)
	<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>	
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MATH 21B	Calculus	(4)	MATH 5B	Math Analysis II	(4)
MATH 21C	Calculus	(4)	MATH 6	Math Analysis 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 11 Elementary Statistics (4)
Same as: STATIST 13Y				<u>OR</u>
				STAT 7 Elementary Statistics (4)
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.

MATH 21A	Calculus	(4)	MATH 5A	Math Analysis I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Math Analysis II	(4)
MATH 21C	Calculus	(4)	MATH 6	Math Analysis III	(5)
MATH 21D	Vector Analysis	(4)	MATH 6	Math Analysis III	(5)
MATH 22B	Differntl Equations	(3)	MATH 17	Differential Equations and Linear Algebra	(5)
MATH 22AL	Lin Alg Comp Lab	(1)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation <b>or equivalent basic knowledge of MATLAB.</b>		
<b>BOTH OF THE FOLLOWING COURSES:</b>					
MATH 22A	Linear Algebra	(3)	MATH 17	Differential Equations and Linear Algebra	(5)
<b>AND</b>			<b>AND</b>		
MATH 108	Intro Abstract Math	(4)	This course must be taken at UC Davis		
<b>OR SELECT THE FOLLOWING COURSE:</b>					
MATH 67	Modern Linear Algebra	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

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

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

<b>STUDENTS WILL NEED TO CHOOSE ONE OF THE FOLLOWING TWO-COURSE SEQUENCES:</b>					
BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 11A	Biology for Science Majors I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 11A &	Biology for Science Majors I	(5)
			BIOL 11B	Biology for Science Majors II	(5)
<b>OR</b>			<b>OR</b>		
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry and Qualitative Analysis	(5)
<b>OR</b>			<b>OR</b>		
ECON 1A	Princ of Microecon	(4)	ECON 1B	Principles of Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 1A	Principles of Macroeconomics	(3)
<b>OR</b>			<b>OR</b>		
c) PHYSICS 9A	Classical Physics	(5)	PHYS 4A &	Physics for Scientists and Engineers	(4)
			PHYS 4B &	Physics for Scientists and Engineers	(4)
			PHYS 4C	Physics for Scientists and Engineers	(4)
c) PHYSICS 9B	Classical Physics	(5)	PHYS 4A &	Physics for Scientists and Engineers	(4)
			PHYS 4B &	Physics for Scientists and Engineers	(4)

				PHYS 4C	Physics for Scientists (4)
					and Engineers
	<b>OR</b>			<b>OR</b>	
STATIST 32	Gateway to Data Science	(4)		NO COMPARABLE COURSE	
STATIST 100	Applied Stats for Bio	(4)		This course must be taken at UC Davis	
	Sci				

OR

**OTHER APPROVED APPLIED PREPARATORY COURSES**

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**END OF MAJOR**

c) **This articulation is "series for series" only.**

**====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  
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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.

c) PHYSICS 9A	Classical Physics	(5)	PHYS 4A &	Physics for Scientists and Engineers	(4)
			PHYS 4B &	Physics for Scientists and Engineers	(4)
			PHYS 4C	Physics for Scientists and Engineers	(4)
c) PHYSICS 9B	Classical Physics	(5)	PHYS 4A &	Physics for Scientists and Engineers	(4)
			PHYS 4B &	Physics for Scientists and Engineers	(4)
			PHYS 4C	Physics for Scientists and Engineers	(4)
c) PHYSICS 9C	Classical Physics	(5)	PHYS 4A &	Physics for Scientists and Engineers	(4)
			PHYS 4B &	Physics for Scientists and Engineers	(4)
			PHYS 4C	Physics for Scientists and Engineers	(4)
PHYSICS 9D	Modern Physics	(4)	NO COMPARABLE COURSE		
	<b>OR</b>			<b>OR</b>	
PHYSICS 9HA	Honors Physics	(5)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
PHYSICS 9HB	Honors Physics	(5)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
PHYSICS 9HC	Honors Physics	(5)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
PHYSICS 9HD	Honors Physics	(5)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
PHYSICS 9HE	Honors Physics	(5)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	

MATH 21A	Calculus	(4)	MATH 5A	Math Analysis I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Math Analysis II	(4)
MATH 21C	Calculus	(4)	MATH 6	Math Analysis III	(5)
MATH 21D	Vector Analysis	(4)	MATH 6	Math Analysis III	(5)
MATH 22A	Linear Algebra	(3)	MATH 17	Differential Equations	(5)



MATH 22B	Differntl Equations	(3)		MATH 17	and Linear Algebra Differential Equations (5) and Linear Algebra
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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 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 1A &	General Chemistry	(5)
				CHEM 1B	General Chemistry and Qualitative Analysis	(5)
CHEM 2C	Genl Chemistry	(5)		CHEM 1B	General Chemistry and Qualitative Analysis	(5)
PHYSICS 40	Intr Physics Computation	(4)		NO COURSE ARTICULATED		

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COMPUTATIONAL PHYSICS CONCENTRATION

ENG CS 36A	Programming	(4)		CSCI 40	Programming Concepts and Methodology I	(4)
	Formerly ENG CS 30			<u>OR</u>		
				ENGR 40	Programming for Scientists and Engineers	(4)
ENG CS 36B	Object-Oriented Program	(4)		CSCI 41	Programming Concepts and Methodology II	(4)
	Formerly ENG CS 40					

**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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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)		ENGR 6	Electric Circuit Analysis with Lab	(4)
PHYSICS 40	Intr Physics Computation	(4)		NO COURSE ARTICULATED		
PHYSICS 80	Experimental Techniques	(4)		NO COURSE ARTICULATED		

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PHYSICAL OCEANOGRAPHY CONCENTRATION

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

c) This articulation is "series for series" only.

====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:**

**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:**

ARTHI 1A	Ancient Mediterranean Art	(4)		ART 5	Art History 1	(3)
ARTHI 1B	Mediev&Renaiss Art	(4)		ART 5 &	Art History 1	(3)
				ART 6	Art History 2	(3)
				<u>OR</u>		
				ART 5 &	Art History 1	(3)
				ART 6H	Honors Art History 2	(3)
ARTHI 1C	Baroque to Modern Art	(4)		ART 6	Art History 2	(3)
				<u>OR</u>		
				ART 6H	Honors Art History 2	(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		

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**ONE ART STUDIO COURSE FROM:**

ART 2	Beginning Drawing	(4)		ART 7	Beginning Drawing	(3)
ART 5	Beginning Sculpture	(4)		NO COMPARABLE COURSE		

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

END OF MAJOR

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

**Special Advising Note:**

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

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

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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:**

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

**TWO LECTURE COURSES CHOSEN FROM THE FOLLOWING:**

ART 24	Intro Experimental Video and Film	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ART 30	Contemp Vis Culture	(4)	NO COMPARABLE COURSE		
ARTHI 1A	Ancient Mediterranean Art	(4)	ART 5	Art History 1	(3)
ARTHI 1B	Mediev&Renaiss Art	(4)	ART 5	& Art History 1	(3)
			ART 6	Art History 2	(3)
			<u>OR</u>		
			ART 5	& Art History 1	(3)
			ART 6H	Honors Art History 2	(3)
ARTHI 1C	Baroque to Modern Art	(4)	ART 6	Art History 2	(3)
			<u>OR</u>		
			ART 6H	Honors Art History 2	(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**

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

**Special Advising Note:**

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](http://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.

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
A A STD 4	Asian Amer Cultural Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

**AT LEAST TWO COURSES FROM THE FOLLOWING:**

AF-AMST 10	Af-Am Culture & Soc	(4)	NO COMPARABLE COURSE
AF-AMST 12	Intro Afro Studies	(4)	NO COMPARABLE COURSE
AF-AMST 15	Intro Afro Amer Hum	(4)	NO COMPARABLE COURSE
AF-AMST 16	African Verbal Arts	(4)	NO COMPARABLE COURSE
AF-AMST 17	Women in Africa	(4)	NO COMPARABLE COURSE
AF-AMST 18	Intro Caribbean Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AF-AMST 50	Blk Images Pop Cult	(4)	NO COMPARABLE COURSE
AF-AMST 51	History Af-Amr Dance	(4)	NO COMPARABLE COURSE
AF-AMST 52	Afr Tradit Relig	(4)	NO COMPARABLE COURSE
AF-AMST 80	Black Politics	(4)	NO COMPARABLE COURSE
AMR STD 1A	Science and American Culture	(4)	NO COMPARABLE COURSE
AMR STD 1B	Relig in Am Lives	(4)	NO COMPARABLE COURSE
AMR STD 1C	American Lives	(4)	NO COMPARABLE COURSE
AMR STD 1E	Nat&Cult Amr	(4)	NO COMPARABLE COURSE
AMR STD 5	Tech in Amr Lives	(4)	NO COMPARABLE COURSE
AMR STD 10	Intro American Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AMR STD 21	Objects & Everyday Life	(4)	NO 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	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

	Culture		submitted courses for articulation
CHICANO 10	Intro to Chic Std	(4)	NO COMPARABLE COURSE
CHICANO 21	Hlth Care Issues	(4)	NO COMPARABLE COURSE
CHICANO 30	US Poli & Chicanos	(4)	NO COMPARABLE COURSE
CHICANO 40	Comparative Health	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHICANO 50	Chicano Culture	(4)	NO COMPARABLE COURSE
CHICANO 60	Chicana and Chicano Representn in Cinema	(4)	NO COMPARABLE COURSE
CHICANO 65	New Latin American Cinema	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHICANO 70	Survey Chic Art	(4)	NO COMPARABLE COURSE
CHICANO 73	Art Expr Silk Scr	(4)	NO COMPARABLE COURSE
N A STD 1	Intro NA Studies	(4)	NO 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 COMPARABLE COURSE
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 COMPARABLE COURSE
WOM STD 60	Feminist Critiques	(4)	NO COMPARABLE COURSE
WOM STD 70	Sexual:Thry&Hist	(4)	NO COMPARABLE COURSE
<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 2 Art Appreciation (3)
ART 30	Contemp Vis Culture	(4)	NO COMPARABLE COURSE
CHICANO 23	Qualitative Research Methods	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ENGLISH 42	Approaches to Reading	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PHILOS 5	Critical Reasoning	(4)	PHIL 2 Critical Reasoning and Analytic Writing (3)
N A STD 46	Orientation to Research in NAS	(4)	NO COMPARABLE COURSE
POL SCI 51	Scientific Study of Politics	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PSYCH 41	Research Methods	(4)	PSY 45 Introduction to Research Methods in Psychology (3)
SOCIOL 46A	Intro Social Rsch	(4)	NO COMPARABLE COURSE
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE
STATIST 13	Elementary Statistics	(4)	MATH 11 Elementary Statistics (4)
Same as: STATIST 13Y			<u>OR</u> STAT 7 Elementary Statistics (4)

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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

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 CHEM 2A Genl Chemistry (5) | CHEM 1A General Chemistry (5)  
 CHEM 2B Genl Chemistry (5) | CHEM 1A & General Chemistry (5)  
 | CHEM 1B General Chemistry and (5)  
 | Qualitative Analysis

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 ENG CS 36A Programming (4) | CSCI 40 Programming Concepts (4)  
 Formerly ENG CS 30 | and Methodology I  
 | OR  
 | ENGR 40 Programming for (4)  
 | Scientists and  
 | Engineers

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

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 MATH 21A Calculus (4) | MATH 5A Math Analysis I (5)  
 MATH 21B Calculus (4) | MATH 5B Math Analysis II (4)  
 MATH 21C Calculus (4) | MATH 6 Math Analysis III (5)  
 MATH 21D Vector Analysis (4) | MATH 6 Math Analysis III (5)  
 MATH 22A Linear Algebra (3) | MATH 17 Differential Equations (5)  
 and Linear Algebra  
 MATH 22B Differntl Equations (3) | MATH 17 Differential Equations (5)  
 and Linear Algebra

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

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 c) PHYSICS 9A Classical Physics (5) | PHYS 4A & Physics for Scientists (4)  
 and Engineers  
 | PHYS 4B & Physics for Scientists (4)  
 and Engineers  
 | PHYS 4C Physics for Scientists (4)  
 and Engineers

c) PHYSICS 9B Classical Physics (5) | PHYS 4A & Physics for Scientists (4)  
 and Engineers  
 | PHYS 4B & Physics for Scientists (4)  
 and Engineers  
 | PHYS 4C Physics for Scientists (4)  
 and Engineers

c) PHYSICS 9C Classical Physics (5) | PHYS 4A & Physics for Scientists (4)  
 and Engineers  
 | PHYS 4B & Physics for Scientists (4)  
 and Engineers  
 | PHYS 4C Physics for Scientists (4)  
 and Engineers

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 STATIST 13 Elementary Statistics (4) | MATH 11 Elementary Statistics (4)  
 Same as: STATIST 13Y | OR



**PREPARATION FOR GRADUATION:**

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

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**END OF MAJOR**

c) This articulation is "series for series" only.

====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.

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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)	BIOL 11A	Biology for Science Majors I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 11A &	Biology for Science Majors I	(5)
			BIOL 11B	Biology for Science Majors II	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 11B	Biology for Science Majors II	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry and Qualitative Analysis	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry and Qualitative Analysis	(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 5A	Math Analysis I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Math Analysis II	(4)

PHYSICS 7A	General Physics	(4)	PHYS 2A &	General Physics I	(4)
			PHYS 2B	General Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYS 2A &	General Physics I	(4)
			PHYS 2B	General Physics II	(4)
PHYSICS 7C	General Physics	(4)	PHYS 2A &	General Physics I	(4)
			PHYS 2B	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>	
c) PHYSICS 9A	Classical Physics	(5)	PHYS 4A &	Physics for Scientists and Engineers	(4)
			PHYS 4B &	Physics for Scientists and Engineers	(4)
			PHYS 4C	Physics for Scientists and Engineers	(4)
c) PHYSICS 9B	Classical Physics	(5)	PHYS 4A &	Physics for Scientists and Engineers	(4)
			PHYS 4B &	Physics for Scientists and Engineers	(4)
			PHYS 4C	Physics for Scientists and Engineers	(4)
c) PHYSICS 9C	Classical Physics	(5)	PHYS 4A &	Physics for Scientists and Engineers	(4)
			PHYS 4B &	Physics for Scientists and Engineers	(4)
			PHYS 4C	Physics for Scientists and Engineers	(4)

CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 28A &	Organic Chemistry I	(3)
			CHEM 29A	Organic Chemistry Laboratory I	(2)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 28A &	Organic Chemistry I	(3)
			CHEM 29A &	Organic Chemistry Laboratory I	(2)
			CHEM 28B &	Organic Chemistry II	(3)
			CHEM 29B	Organic Chemistry Laboratory II	(2)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 28B &	Organic Chemistry II	(3)
			CHEM 29B	Organic Chemistry Laboratory II	(2)
	<b>OR</b>			<b>OR</b>	
CHEM 128A	Organic Chemistry	(3)	CHEM 28A	Organic Chemistry I	(3)
CHEM 128B	Organic Chemistry	(3)	CHEM 28A &	Organic Chemistry I	(3)
			CHEM 28B	Organic Chemistry II	(3)
CHEM 128C	Organic Chemistry	(3)	CHEM 28B	Organic Chemistry II	(3)
CHEM 129A	Organic Chem Lab	(2)	CHEM 29A	Organic Chemistry Laboratory I	(2)
CHEM 129B	Organic Chem Lab	(2)	CHEM 29A &	Organic Chemistry Laboratory I	(2)
			CHEM 29B	Organic Chemistry Laboratory II	(2)

**RECOMMENDED:**

MATH 21C	Calculus	(4)	MATH 6	Math Analysis III	(5)
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**END OF MAJOR**

c) This articulation is "series for series" only.

**====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)	BIOL 11A	Biology for Science Majors I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 11A &	Biology for Science Majors I	(5)
			BIOL 11B	Biology for Science Majors II	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 11B	Biology for Science Majors II	(5)

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

CHEM 8A	Organic Chem-Brief	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 8B	Organic Chem-Brief	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	<b>OR</b>			<b>OR</b>	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 28A &	Organic Chemistry I	(3)
			CHEM 29A	Organic Chemistry Laboratory I	(2)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 28A &	Organic Chemistry I	(3)
			CHEM 29A &	Organic Chemistry Laboratory I	(2)
			CHEM 28B &	Organic Chemistry II	(3)
			CHEM 29B	Organic Chemistry Laboratory II	(2)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 28B &	Organic Chemistry II	(3)
			CHEM 29B	Organic Chemistry Laboratory II	(2)

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 5A	Math Analysis I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Math Analysis II	(4)

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)	PHYS 2A &	General Physics I	(4)
			PHYS 2B	General Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYS 2A &	General Physics I	(4)
			PHYS 2B	General Physics II	(4)
PHYSICS 7C	General Physics	(4)	PHYS 2A &	General Physics I	(4)
			PHYS 2B	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.

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**RECOMMENDED COURSES FOR THIS MAJOR:**

CHEM 2C	Genl Chemistry	(5)		CHEM 1B	General Chemistry and Qualitative Analysis	(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 6	Math Analysis 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)	BIOL 11A	Biology for Science Majors I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 11A &	Biology for Science Majors I	(5)
			BIOL 11B	Biology for Science Majors II	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 11B	Biology for Science Majors II	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry and Qualitative Analysis	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry and Qualitative Analysis	(5)

CHEM 8A	Organic Chem-Brief	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 8B	Organic Chem-Brief	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	<b>OR</b>			<b>OR</b>	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 28A &	Organic Chemistry I	(3)
			CHEM 29A	Organic Chemistry	(2)

CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 28A &	Laboratory I Organic Chemistry I	(3)
			CHEM 29A &	Organic Chemistry Laboratory I	(2)
			CHEM 28B &	Organic Chemistry II	(3)
			CHEM 29B	Organic Chemistry Laboratory II	(2)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 28B &	Organic Chemistry II	(3)
			CHEM 29B	Organic Chemistry Laboratory II	(2)
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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 5A	Math Analysis I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Math Analysis II	(4)
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PHYSICS 7A	General Physics	(4)	PHYS 2A &	General Physics I	(4)
			PHYS 2B	General Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYS 2A &	General Physics I	(4)
			PHYS 2B	General Physics II	(4)
PHYSICS 7C	General Physics	(4)	PHYS 2A &	General Physics I	(4)
			PHYS 2B	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.

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**RECOMMENDED COURSES FOR THIS MAJOR:**

MATH 21C	Calculus	(4)	MATH 6	Math Analysis 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.

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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)	BIOL 11A	Biology for Science Majors I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 11A &	Biology for Science Majors I	(5)
			BIOL 11B	Biology for Science Majors II	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 11B	Biology for Science Majors II	(5)

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BIOTECH 1Y	Introduction to Biotechnology	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry and Qualitative Analysis	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry and	(5)

Qualitative Analysis

CHEM 8A	Organic Chem-Brief	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHEM 8B	Organic Chem-Brief	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
<b>OR</b>			<b>OR</b>
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 28A & Organic Chemistry I (3) CHEM 29A & Organic Chemistry Laboratory I (2)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 28A & Organic Chemistry I (3) CHEM 29A & Organic Chemistry Laboratory I (2) CHEM 28B & Organic Chemistry II (3) CHEM 29B & Organic Chemistry Laboratory II (2)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 28B & Organic Chemistry II (3) CHEM 29B & Organic Chemistry Laboratory II (2)
<b>OR</b>			<b>OR</b>
CHEM 128A	Organic Chemistry	(3)	CHEM 28A Organic Chemistry I (3)
CHEM 128B	Organic Chemistry	(3)	CHEM 28A & Organic Chemistry I (3) CHEM 28B & Organic Chemistry II (3)
CHEM 128C	Organic Chemistry	(3)	CHEM 28B Organic Chemistry II (3)
CHEM 129A	Organic Chem Lab	(2)	CHEM 29A Organic Chemistry Laboratory I (2)

MATH 16A	Short Calculus	(3)	MATH 5A Math Analysis I (5)
MATH 16B	Short Calculus	(3)	MATH 5B Math Analysis II (4)
<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 5A Math Analysis I (5)
MATH 21B	Calculus	(4)	MATH 5B Math Analysis II (4)

PHYSICS 7A	General Physics	(4)	PHYS 2A & General Physics I (4) PHYS 2B & General Physics II (4)
PHYSICS 7B	General Physics	(4)	PHYS 2A & General Physics I (4) PHYS 2B & 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.

**COURSEWORK FOR BIOINFORMATICS OPTION:**

ENG CS 20	C Sci/Discrete Math	(4)	CSCI 26 Discrete Mathematics for Computer Science (4)
ENG CS 36A	Programming	(4)	CSCI 40 Programming Concepts and Methodology I (4)
Formerly ENG CS 30			<b>OR</b>
			ENGR 40 Programming for Scientists and Engineers (4)

**RESTRICTED ELECTIVES FOR BIOINFORMATICS OPTION:**

ENG CS 36B	Object-Oriented Program	(4)	CSCI 41 Programming Concepts and Methodology II (4)
Formerly ENG CS 40			
ENG CS 36C	Data Structures	(4)	NO COMPARABLE COURSE



Formerly ENG CS 60  
ENG CS 50 Machine Dependent Prog (4) | NO COURSE ARTICULATED: College has not  
| submitted course(s) for articulation

**END OF MAJOR**

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

**Special Advising Note:**

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

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

**REQUIREMENTS FOR ADMISSION:**

(for 2019-20)

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

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

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

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

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

Transfer students must also meet UC transfer admission requirements. UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. See the [UC Transfer Admission webpage](#). In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

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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.

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 11A	Biology for Science Majors I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 11A &	Biology for Science Majors I	(5)
			BIOL 11B	Biology for Science Majors II	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 11B	Biology for Science Majors II	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry and Qualitative Analysis	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry and Qualitative Analysis	(5)

CHEM 8A	Organic Chem-Brief	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
CHEM 8B	Organic Chem-Brief	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
	<b>OR</b>			<b>OR</b>	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 28A &	Organic Chemistry I	(3)
			CHEM 29A	Organic Chemistry Laboratory I	(2)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 28A &	Organic Chemistry I	(3)
			CHEM 29A &	Organic Chemistry Laboratory I	(2)
			CHEM 28B &	Organic Chemistry II	(3)
			CHEM 29B	Organic Chemistry Laboratory II	(2)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 28B &	Organic Chemistry II	(3)
			CHEM 29B	Organic Chemistry Laboratory II	(2)

MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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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 5A	Math Analysis I (5)
MATH 21B	Calculus	(4)		MATH 5B	Math Analysis II (4)
-----					
PHYSICS 7A	General Physics	(4)		PHYS 2A &	General Physics I (4)
				PHYS 2B	General Physics II (4)
PHYSICS 7B	General Physics	(4)		PHYS 2A &	General Physics I (4)
				PHYS 2B	General Physics II (4)
PHYSICS 7C	General Physics	(4)		PHYS 2A &	General Physics I (4)
				PHYS 2B	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.

**RECOMMENDED:**

MATH 21C	Calculus	(4)		MATH 6	Math Analysis 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/>

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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**

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

**Special Advising Note:**

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is

highly recommended that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. See the [UC Transfer Admission website](#) for details. UC Davis requires that students complete the minimum transfer admission requirement by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

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

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

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

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

CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry and	(5)
				Qualitative Analysis	
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry and	(5)
				Qualitative Analysis	
	<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		

c) PHYSICS 9A	Classical Physics	(5)	PHYS 4A &	Physics for Scientists	(4)
				and Engineers	
			PHYS 4B &	Physics for Scientists	(4)
				and Engineers	
			PHYS 4C	Physics for Scientists	(4)
				and Engineers	
c) PHYSICS 9B	Classical Physics	(5)	PHYS 4A &	Physics for Scientists	(4)
				and Engineers	
			PHYS 4B &	Physics for Scientists	(4)
				and Engineers	
			PHYS 4C	Physics for Scientists	(4)
				and Engineers	

c) PHYSICS 9C	Classical Physics	(5)	PHYS 4A &	Physics for Scientists and Engineers	(4)
			PHYS 4B &	Physics for Scientists and Engineers	(4)
			PHYS 4C	Physics for Scientists and Engineers	(4)
PHYSICS 9D	Modern Physics	(4)	NO COMPARABLE COURSE		
MATH 21A	Calculus	(4)	MATH 5A	Math Analysis I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Math Analysis II	(4)
MATH 21C	Calculus	(4)	MATH 6	Math Analysis III	(5)
MATH 21D	Vector Analysis	(4)	MATH 6	Math Analysis III	(5)
MATH 22A	Linear Algebra	(3)	MATH 17	Differential Equations and Linear Algebra	(5)
MATH 22AL	Lin Alg Comp Lab	(1)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 22B	Differntl Equations	(3)	MATH 17	Differential Equations and Linear Algebra	(5)
CHEM 128A	Organic Chemistry	(3)	CHEM 28A	Organic Chemistry I	(3)
CHEM 128B	Organic Chemistry	(3)	CHEM 28A &	Organic Chemistry I	(3)
			CHEM 28B	Organic Chemistry II	(3)
CHEM 129A	Organic Chem Lab	(2)	CHEM 29A	Organic Chemistry Laboratory I	(2)

END OF MAJOR

c) This articulation is "series for series" only.

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

**Special Advising Note:**

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is highly recommended that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. See the [UC Transfer Admission website](#) for details. UC Davis requires that students complete the minimum transfer admission requirement by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

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

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern.

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

**College Foreign Language Requirement Note:**

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

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

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

CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry and	(5)
				Qualitative Analysis	
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry and	(5)
				Qualitative Analysis	
	<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)	PHYS 2A &	General Physics I	(4)
			PHYS 2B	General Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYS 2A &	General Physics I	(4)
			PHYS 2B	General Physics II	(4)
PHYSICS 7C	General Physics	(4)	PHYS 2A &	General Physics I	(4)
			PHYS 2B	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>	
c) PHYSICS 9A	Classical Physics	(5)	PHYS 4A &	Physics for Scientists	(4)
				and Engineers	
			PHYS 4B &	Physics for Scientists	(4)
				and Engineers	
			PHYS 4C	Physics for Scientists	(4)
				and Engineers	
c) PHYSICS 9B	Classical Physics	(5)	PHYS 4A &	Physics for Scientists	(4)
				and Engineers	
			PHYS 4B &	Physics for Scientists	(4)
				and Engineers	
			PHYS 4C	Physics for Scientists	(4)
				and Engineers	
c) PHYSICS 9C	Classical Physics	(5)	PHYS 4A &	Physics for Scientists	(4)
				and Engineers	
			PHYS 4B &	Physics for Scientists	(4)
				and Engineers	
			PHYS 4C	Physics for Scientists	(4)
				and Engineers	

MATH 16A	Short Calculus	(3)	MATH 5A	Math Analysis I	(5)
MATH 16B	Short Calculus	(3)	MATH 5B	Math Analysis II	(4)
MATH 16C	Short Calculus	(3)	MATH 5B	Math Analysis II	(4)
	<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 5A	Math Analysis I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Math Analysis II	(4)
MATH 21C	Calculus	(4)	MATH 6	Math Analysis III	(5)
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CHEM 128A	Organic Chemistry	(3)	CHEM 28A	Organic Chemistry I	(3)
CHEM 128B	Organic Chemistry	(3)	CHEM 28A <u>&amp;</u>	Organic Chemistry I	(3)
			CHEM 28B	Organic Chemistry II	(3)
CHEM 128C	Organic Chemistry	(3)	CHEM 28B	Organic Chemistry II	(3)
CHEM 129A	Organic Chem Lab	(2)	CHEM 29A	Organic Chemistry	(2)
				Laboratory I	
CHEM 129B	Organic Chem Lab	(2)	CHEM 29A <u>&amp;</u>	Organic Chemistry	(2)
				Laboratory I	
			CHEM 29B	Organic Chemistry	(2)
				Laboratory II	
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**END OF MAJOR**

c) This articulation is "series for series" only.

**====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:**

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CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry and	(5)
				Qualitative Analysis	
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry and	(5)
				Qualitative Analysis	
	<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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c) PHYSICS 9A	Classical Physics	(5)	PHYS 4A &	Physics for Scientists	(4)
				and Engineers	
			PHYS 4B &	Physics for Scientists	(4)
				and Engineers	
			PHYS 4C	Physics for Scientists	(4)
				and Engineers	
c) PHYSICS 9B	Classical Physics	(5)	PHYS 4A &	Physics for Scientists	(4)
				and Engineers	
			PHYS 4B &	Physics for Scientists	(4)
				and Engineers	
			PHYS 4C	Physics for Scientists	(4)
				and Engineers	
c) PHYSICS 9C	Classical Physics	(5)	PHYS 4A &	Physics for Scientists	(4)
				and Engineers	
			PHYS 4B &	Physics for Scientists	(4)
				and Engineers	
			PHYS 4C	Physics for Scientists	(4)
				and Engineers	

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MATH 21A	Calculus	(4)	MATH 5A	Math Analysis I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Math Analysis II	(4)
MATH 21C	Calculus	(4)	MATH 6	Math Analysis III	(5)
MATH 21D	Vector Analysis	(4)	MATH 6	Math Analysis III	(5)
MATH 22A	Linear Algebra	(3)	MATH 17	Differential Equations	(5)
				and Linear Algebra	
MATH 22AL	Lin Alg Comp Lab	(1)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
MATH 22B	Differntl Equations	(3)	MATH 17	Differential Equations	(5)
				and Linear Algebra	

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CHEM 128A	Organic Chemistry	(3)	CHEM 28A	Organic Chemistry I	(3)
CHEM 128B	Organic Chemistry	(3)	CHEM 28A &	Organic Chemistry I	(3)
			CHEM 28B	Organic Chemistry II	(3)
CHEM 128C	Organic Chemistry	(3)	CHEM 28B	Organic Chemistry II	(3)
CHEM 129A	Organic Chem Lab	(2)	CHEM 29A	Organic Chemistry	(2)
				Laboratory I	
CHEM 129B	Organic Chem Lab	(2)	CHEM 29A &	Organic Chemistry	(2)
				Laboratory I	
			CHEM 29B	Organic Chemistry	(2)

CHEM 129C	Organic Chem Lab	(2)		CHEM 29B	Laboratory II Organic Chemistry Laboratory II	(2)
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**RECOMMENDED COURSES:**

PHYSICS 9D	Modern Physics	(4)		NO COMPARABLE COURSE
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**END OF MAJOR**

c) This articulation is "series for series" only.

**====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.

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

CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry and Qualitative Analysis	(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)	PHYS 2A &	General Physics I	(4)
			PHYS 2B	General Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYS 2A &	General Physics I	(4)
			PHYS 2B	General Physics II	(4)
PHYSICS 7C	General Physics	(4)	PHYS 2A &	General Physics I	(4)
			PHYS 2B	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>	
c) PHYSICS 9A	Classical Physics	(5)	PHYS 4A &	Physics for Scientists and Engineers	(4)
			PHYS 4B &	Physics for Scientists and Engineers	(4)
			PHYS 4C	Physics for Scientists and Engineers	(4)
c) PHYSICS 9B	Classical Physics	(5)	PHYS 4A &	Physics for Scientists and Engineers	(4)
			PHYS 4B &	Physics for Scientists and Engineers	(4)
			PHYS 4C	Physics for Scientists and Engineers	(4)
c) PHYSICS 9C	Classical Physics	(5)	PHYS 4A &	Physics for Scientists and Engineers	(4)
			PHYS 4B &	Physics for Scientists and Engineers	(4)
			PHYS 4C	Physics for Scientists and Engineers	(4)

MATH 16A	Short Calculus	(3)	MATH 5A	Math Analysis I	(5)
MATH 16B	Short Calculus	(3)	MATH 5B	Math Analysis II	(4)
MATH 16C	Short Calculus	(3)	MATH 5B	Math Analysis II	(4)
	<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 5A	Math Analysis I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Math Analysis II	(4)
MATH 21C	Calculus	(4)	MATH 6	Math Analysis III	(5)

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 11A	Biology for Science Majors I	(5)
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STATIST 13	Elementary Statistics	(4)	MATH 11	Elementary Statistics	(4)
	Same as: STATIST 13Y		<b>OR</b>		
			STAT 7	Elementary Statistics	(4)
	<b>OR</b>			<b>OR</b>	
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		

CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 28A &	Organic Chemistry I	(3)
			CHEM 29A	Organic Chemistry Laboratory I	(2)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 28A &	Organic Chemistry I	(3)
			CHEM 29A &	Organic Chemistry Laboratory I	(2)
			CHEM 28B &	Organic Chemistry II	(3)
			CHEM 29B	Organic Chemistry Laboratory II	(2)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 28B &	Organic Chemistry II	(3)
			CHEM 29B	Organic Chemistry Laboratory II	(2)
	<b>OR</b>			<b>OR</b>	
CHEM 128A	Organic Chemistry	(3)	CHEM 28A	Organic Chemistry I	(3)
CHEM 128B	Organic Chemistry	(3)	CHEM 28A &	Organic Chemistry I	(3)
			CHEM 28B	Organic Chemistry II	(3)
CHEM 128C	Organic Chemistry	(3)	CHEM 28B	Organic Chemistry II	(3)
CHEM 129A	Organic Chem Lab	(2)	CHEM 29A	Organic Chemistry Laboratory I	(2)
CHEM 129B	Organic Chem Lab	(2)	CHEM 29A &	Organic Chemistry Laboratory I	(2)
			CHEM 29B	Organic Chemistry Laboratory II	(2)

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**END OF MAJOR**

c) This articulation is "series for series" only.

====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.

CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry and	(5)
				Qualitative Analysis	
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry and	(5)
				Qualitative Analysis	
	<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)	PHYS 2A &	General Physics I	(4)
			PHYS 2B	General Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYS 2A &	General Physics I	(4)
			PHYS 2B	General Physics II	(4)
PHYSICS 7C	General Physics	(4)	PHYS 2A &	General Physics I	(4)
			PHYS 2B	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>	
c) PHYSICS 9A	Classical Physics	(5)	PHYS 4A &	Physics for Scientists and Engineers	(4)
			PHYS 4B &	Physics for Scientists and Engineers	(4)
			PHYS 4C	Physics for Scientists and Engineers	(4)
c) PHYSICS 9B	Classical Physics	(5)	PHYS 4A &	Physics for Scientists and Engineers	(4)
			PHYS 4B &	Physics for Scientists and Engineers	(4)
			PHYS 4C	Physics for Scientists and Engineers	(4)
c) PHYSICS 9C	Classical Physics	(5)	PHYS 4A &	Physics for Scientists and Engineers	(4)
			PHYS 4B &	Physics for Scientists and Engineers	(4)
			PHYS 4C	Physics for Scientists and Engineers	(4)

MATH 16A	Short Calculus	(3)	MATH 5A	Math Analysis I	(5)
MATH 16B	Short Calculus	(3)	MATH 5B	Math Analysis II	(4)
MATH 16C	Short Calculus	(3)	MATH 5B	Math Analysis II	(4)
	<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 5A	Math Analysis I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Math Analysis II	(4)
MATH 21C	Calculus	(4)	MATH 6	Math Analysis III	(5)
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BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 11A	Biology for Science Majors 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 11	Elementary Statistics	(4)
	Same as: STATIST 13Y		<b>OR</b>		
			STAT 7	Elementary Statistics	(4)
	<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 28A & CHEM 29A	Organic Chemistry I Laboratory I	(3)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 28A & CHEM 29A	Organic Chemistry I Laboratory I	(3)
			CHEM 28B & CHEM 29B	Organic Chemistry II Laboratory II	(3)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 28B & CHEM 29B	Organic Chemistry II Laboratory II	(3)
	<b>OR</b>			<b>OR</b>	
CHEM 128A	Organic Chemistry	(3)	CHEM 28A	Organic Chemistry I	(3)
CHEM 128B	Organic Chemistry	(3)	CHEM 28A & CHEM 28B	Organic Chemistry I & II	(3)
CHEM 128C	Organic Chemistry	(3)	CHEM 28B	Organic Chemistry II	(3)
CHEM 129A	Organic Chem Lab	(2)	CHEM 29A	Organic Chemistry Laboratory I	(2)
CHEM 129B	Organic Chem Lab	(2)	CHEM 29A & CHEM 29B	Organic Chemistry Laboratory I & II	(2)

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**END OF MAJOR**

c) This articulation is "series for series" only.

====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.

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

**College Foreign Language Requirement Note:**

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

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

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

CHICANO 10	Intro to Chic Std	(4)	NO COMPARABLE COURSE
CHICANO 50	Chicano Culture	(4)	NO COMPARABLE COURSE
CHICANO 21	Hlth Care Issues	(4)	NO COMPARABLE COURSE
	<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 COMPARABLE COURSE
CHICANO 65	New Latin American Cinema	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHICANO 70	Survey Chic Art	(4)	NO COMPARABLE COURSE
CHICANO 73	Art Expr Silk Scr	(4)	NO COMPARABLE COURSE
SPANISH 1	Elementary Spanish	(5)	SPAN 1 Beginning Spanish (5)
SPANISH 2	Elementary Spanish	(5)	SPAN 1 & Beginning Spanish (5)
			SPAN 2 High-Beginning Spanish (5)
SPANISH 3	Elementary Spanish	(5)	SPAN 2 High-Beginning Spanish (5)
	<b>OR</b>		<b>OR</b>
SPANISH 28	Inter Conversation	(2)	NO COMPARABLE COURSE
b) SPANISH 31	Int Span Nat Spk I	(5)	SPAN 4NS Spanish for Spanish Speakers (4)
b) SPANISH 32	Int Span Nat Spk II	(5)	SPAN 4NS Spanish for Spanish Speakers (4)

**END OF MAJOR**

b) If student takes SPAN 4NS at Clovis Community College, credit will be given for UC Davis's SPANISH 31+32 or 33

====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.

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

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**ONE COURSE FROM THE FOLLOWING:**

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

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**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)	PSY 45 Introduction to Research (3) Methods in Psychology
SOCIOL 46A	Intro Social Rsch	(4)	NO COMPARABLE COURSE

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SPANISH 1	Elementary Spanish	(5)	SPAN 1	Beginning Spanish	(5)
SPANISH 2	Elementary Spanish	(5)	SPAN 1 &	Beginning Spanish	(5)
			SPAN 2	High-Beginning Spanish	(5)
SPANISH 3	Elementary Spanish	(5)	SPAN 2	High-Beginning Spanish	(5)
	<b>OR</b>			<b>OR</b>	
SPANISH 28	Inter Conversation	(2)	NO COMPARABLE COURSE		
b) SPANISH 31	Int Span Nat Spk I	(5)	SPAN 4NS	Spanish for Spanish Speakers	(4)
b) SPANISH 32	Int Span Nat Spk II	(5)	SPAN 4NS	Spanish for Spanish Speakers	(4)

**END OF MAJOR**

b) If student takes SPAN 4NS at Clovis Community College, credit will be given for UC Davis's SPANISH 31+32 or 33

**====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.

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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 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)	LING 10 Introduction to Language (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](#). 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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CINE&TS 12	Media Computation	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
Same as: ENG CS 12			
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CINE&TS 20	Filmmaking Foundations	(5)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation

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**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/>

**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:**

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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 5	Art History 1	(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)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
PHILOS 21	Phil Classics: Ancient	(4)	NO COMPARABLE COURSE		
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.

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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>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 submitted course(s) for articulation

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE.



IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

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

The College of A&ES English Composition requirement for the Bachelor's degree is an element of the UC Davis General Education (GE) pattern. This GE requirement may be satisfied by completing either two courses emphasizing written expression OR one course emphasizing written expression and one course emphasizing oral expression, with a grade of C- (or P) or better. The following UC Davis lower-division courses are among those that have been approved to satisfy this requirement: English 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1\*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (emphasis in either writing or speaking skills). The English Composition requirement may also be met by achieving a score of 4 or 5 on the Advanced Placement (AP) English examination PLUS completing any previously listed course, EXCEPT English 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC transfer students who have successfully completed the IGETC lower-division coursework are exempt from all GE requirements that may be met with lower-division courses. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

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

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

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

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ENGLISH 3	Intro to Lit	(4)	ENGL 1B	Introduction to the Study of Literature	(3)
			<u>OR</u>		
			ENGL 1BH	Honors Introduction to the Study of Literature	(3)
			<u>OR</u>		
UWRITING 1	Expository Writing	(4)	ENGL 1A	Reading and Composition	(4)

			<u>OR</u>	ENGL 1AH	Honors Reading and Composition	(4)
COMUNCN 1	Intro Public Spkg	(4)		COMM 1	Public Speaking	(3)
			<u>OR</u>	COMM 1H	Honors Public Speaking	(3)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)		BIOL 11A	Biology for Science Majors I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL 11A &	Biology for Science Majors I	(5)
				BIOL 11B	Biology for Science Majors II	(5)
CHEM 2A	Genl Chemistry	(5)		CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 1A &	General Chemistry	(5)
				CHEM 1B	General Chemistry and Qualitative Analysis	(5)
CHEM 2C	Genl Chemistry	(5)		CHEM 1B	General Chemistry and Qualitative Analysis	(5)
CHEM 8A	Organic Chem-Brief	(2)		NO COURSE	ARTICULATED: College has not submitted course(s)for articulation	
CHEM 8B	Organic Chem-Brief	(4)		NO COURSE	ARTICULATED: College has not submitted course(s)for articulation	
ECON 1A	Princ of Microecon	(4)		ECON 1B	Principles of Microeconomics	(3)
	<u>OR</u>			<u>OR</u>		
ECON 1B	Princ of Macroecon	(4)		ECON 1A	Principles of Macroeconomics	(3)
PSYCH 1	General Psychology	(4)		PSY 2	General Psychology	(3)
			<u>OR</u>	PSY 2H	Honors General Psychology	(3)
SOCIOL 1	Intro Sociology	(5)		SOC 1A	Introduction to Sociology	(3)
	<u>OR</u>			<u>OR</u>		
SOCIOL 3	Social Problems	(4)		NO COMPARABLE COURSE		
	<u>OR</u>			<u>OR</u>		
ANTHRO 2	Cultural Anthropology	(5)		ANTHRO 2	Cultural Anthropology	(3)
STATIST 13	Elementary Statistics	(4)		MATH 11	Elementary Statistics	(4)
Same as: STATIST 13Y			<u>OR</u>	STAT 7	Elementary Statistics	(4)

END OF MAJOR

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

**Special Advising Note:**

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). 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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LINGUIS 1	Intro Linguistics	(4)		LING 10	Introduction to Language	(3)
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)		PHIL 6	Symbolic Logic	(3)
PHILOS 13G	Minds, Brains Comp w/Disc	(4)		NO COURSE ARTICULATED:College has not submitted course(s)for articulation		
PSYCH 1	General Psychology	(4)		PSY 2	General Psychology	(3)
				<b>OR</b>		
				PSY 2H	Honors General Psychology	(3)
PSYCH 41	Research Methods	(4)		PSY 45	Introduction to Research Methods in Psychology	(3)
STATIST 13	Elementary Statistics	(4)		MATH 11	Elementary Statistics	(4)
Same as: STATIST 13Y				<b>OR</b>		
				STAT 7	Elementary Statistics	(4)

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**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.

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

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

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**Emphasis 1: Computational**

ENG CS 20	C Sci/Discrete Math	(4)	CSCI 26	Discrete Mathematics for Computer Science	(4)
ENG CS 32A	Intro to Programming	(4)	NO COMPARABLE COURSE		
	Formerly ENG CS 10				
	<b>OR</b>			<b>OR</b>	
ENG CS 36A	Programming	(4)	CSCI 40	Programming Concepts and Methodology I	(4)
	Formerly ENG CS 30				
			<b>OR</b>		
			ENGR 40	Programming for Scientists and Engineers	(4)
ENG CS 34	UNIX & C++	(5)	NO COURSE ARTICULATED		
	<b>OR</b>			<b>OR</b>	
ENG CS 36B	Object-Oriented Program	(4)	CSCI 41	Programming Concepts and Methodology II	(4)
	Formerly ENG CS 40				
ENG CS 50	Machine Dependent Prog	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
ENG CS 32B	Intro to Data Structures	(4)			
	<b>OR</b>			<b>OR</b>	
ENG CS 36C	Data Structures	(4)	NO COMPARABLE COURSE		

Formerly ENG CS 60

LINGUIS 1	Intro Linguistics	(4)	LING 10	Introduction to Language	(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		
<b>OR</b>			<b>OR</b>		
MATH 21A	Calculus	(4)	MATH 5A	Math Analysis I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Math Analysis II	(4)
MATH 22A	Linear Algebra	(3)	MATH 17	Differential Equations and Linear Algebra	(5)
MATH 22AL	Lin Alg Comp Lab	(1)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
COG SCI 1	Intro Cognitive Science	(4)	NO COURSE ARTICULATED		
<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)	PHIL 6	Symbolic Logic	(3)
PHILOS 13G	Minds, Brains Comp w/Disc	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
PSYCH 1	General Psychology	(4)	PSY 2	General Psychology	(3)
			<b>OR</b>		
			PSY 2H	Honors General Psychology	(3)
PSYCH 41	Research Methods	(4)	PSY 45	Introduction to Research Methods in Psychology	(3)
STATIST 13	Elementary Statistics	(4)	MATH 11	Elementary Statistics	(4)
Same as: STATIST 13Y			<b>OR</b>		
			STAT 7	Elementary Statistics	(4)
<b><u>Emphasis 2: Neuroscience</u></b>					
BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 11A	Biology for Science Majors I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 11A &	Biology for Science Majors I	(5)
			BIOL 11B	Biology for Science Majors II	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 11B	Biology for Science Majors II	(5)
LINGUIS 1	Intro Linguistics	(4)	LING 10	Introduction to Language	(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 5A	Math Analysis I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Math Analysis II	(4)
MATH 21C	Calculus	(4)	MATH 6	Math Analysis 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	
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PHILOS 13G	Minds, Brains Comp w/Disc	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
-----					
PHYSICS 7A	General Physics	(4)	PHYS 2A &	General Physics I	(4)
			PHYS 2B	General Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYS 2A &	General Physics I	(4)
			PHYS 2B	General Physics II	(4)
PHYSICS 7C	General Physics	(4)	PHYS 2A &	General Physics I	(4)
			PHYS 2B	General Physics II	(4)
	<b>OR</b>			<b>OR</b>	
c) PHYSICS 9A	Classical Physics	(5)	PHYS 4A &	Physics for Scientists and Engineers	(4)
			PHYS 4B &	Physics for Scientists and Engineers	(4)
			PHYS 4C	Physics for Scientists and Engineers	(4)
c) PHYSICS 9B	Classical Physics	(5)	PHYS 4A &	Physics for Scientists and Engineers	(4)
			PHYS 4B &	Physics for Scientists and Engineers	(4)
			PHYS 4C	Physics for Scientists and Engineers	(4)
c) PHYSICS 9C	Classical Physics	(5)	PHYS 4A &	Physics for Scientists and Engineers	(4)
			PHYS 4B &	Physics for Scientists and Engineers	(4)
			PHYS 4C	Physics for Scientists and Engineers	(4)
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PSYCH 1	General Psychology	(4)	PSY 2	General Psychology	(3)
			<b>OR</b>		
			PSY 2H	Honors General Psychology	(3)
PSYCH 41	Research Methods	(4)	PSY 45	Introduction to Research Methods in Psychology	(3)
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STATIST 13	Elementary Statistics	(4)	MATH 11	Elementary Statistics	(4)
	Same as: STATIST 13Y		<b>OR</b>		
			STAT 7	Elementary Statistics	(4)
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**END OF MAJOR**

c) This articulation is "series for series" only.

====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)	NO COMPARABLE COURSE	
	OR			OR
LINGUIS 1	Intro Linguistics	(4)	LING 10	Introduction to Language (3)
COMUNCN 1	Intro Public Spkg	(4)	COMM 1	Public Speaking (3)
	OR		OR	
			COMM 1H	Honors Public Speaking (3)
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	NO COMPARABLE COURSE	
	OR			OR
COMUNCN 5	Global English Comm	(4)	NO COURSE ARTICULATED:College has not submitted course(s)for articulation	
Same as: LINGUIS 5				
	OR			OR
LINGUIS 5	Global English Comm	(4)	NO COURSE ARTICULATED:College has not submitted course(s)for articulation	
Same as: COMUNCN 5				
COMUNCN 10Y	Intro to Communication	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation	
B) ENG CS 15	Intro to Computers	(4)	IS 15	Computer Concepts (3)

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**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.**

PHILOS 12	Intro to Symbol Logic	(4)	<b>OR</b>	PHIL 6	Symbolic Logic	(3)
-----						
PSYCH 1	General Psychology	(4)	<b>OR</b>	PSY 2	General Psychology	(3)
				PSY 2H	Honors General Psychology	(3)
-----						
SOCIOL 1	Intro Sociology	(5)	<b>OR</b>	SOC 1A	Introduction to Sociology	(3)
-----						
SOCIOL 46B	Intro Social Rsch	(5)	<b>OR</b>	NO COMPARABLE COURSE		
STATIST 13	Elementary Statistics	(4)	<b>OR</b>	MATH 11	Elementary Statistics	(4)
Same as: STATIST 13Y				STAT 7	Elementary Statistics	(4)

**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.

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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 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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**TWO COURSES FROM THE FOLLOWING:**

COMUNCN 1	Intro Public Spkg	(4)	COMM 1	Public Speaking	(3)
			<u>OR</u>		
			COMM 1H	Honors Public Speaking	(3)
COMPLIT 1	Major Books-Ancient World	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
COMPLIT 2	Major Books-Middle Ages to Enlightenment	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
COMPLIT 3	Major Books-The Modern Crisis	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
COMPLIT 4	Maj Books:Cont Wrld	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
ENGLISH 3	Intro to Lit	(4)	ENGL 1B	Introduction to the Study of Literature	(3)
			<u>OR</u>		
			ENGL 1BH	Honors Introduction to the Study of Literature	(3)
N A STD 5	Intro NA Literature	(4)	NO COMPARABLE COURSE		

UWRITING 1	Expository Writing	(4)	ENGL 1A	Reading and Composition	(4)
			<u>OR</u>		
			ENGL 1AH	Honors Reading and Composition	(4)
UWRITING 48	Style in the Essay	(4)	ENGL 3	Critical Reading and Writing	(3)
	Formerly UWRITING 18		<u>OR</u>		
			ENGL 3H	Honors Critical Reading and Writing	(3)
UWRITING 49	Writing Research Papers	(4)	NO COMPARABLE COURSE		
	Formerly UWRITING 19				
CM&RGDE 1	The Community	(4)	NO COMPARABLE COURSE		
CM&RGDE 2	Ethnicity Amer Comm	(4)	NO COMPARABLE COURSE		
PL SCI 21	Computers in Technology	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	<u>OR</u>		<u>OR</u>		
B) ENG CS 15	Intro to Computers	(4)	IS 15	Computer Concepts	(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 1B	Principles of Microeconomics	(3)
	<u>OR</u>		<u>OR</u>		
ECON 1B	Princ of Macroecon	(4)	ECON 1A	Principles of Macroeconomics	(3)
ANTHRO 2	Cultural Anthropology	(5)	ANTHRO 2	Cultural Anthropology	(3)
	<u>OR</u>		<u>OR</u>		
SOCIOL 1	Intro Sociology	(5)	SOC 1A	Introduction to Sociology	(3)
STATIST 13	Elementary Statistics	(4)	MATH 11	Elementary Statistics	(4)
	Same as: STATIST 13Y		<u>OR</u>		
	<u>OR</u>		STAT 7	Elementary Statistics	(4)
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		
	<u>OR</u>		<u>OR</u>		
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE		

**END OF MAJOR**

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

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

**Special Advising Note:**

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students

complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

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

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**TWO COURSES FROM THE FOLLOWING:**

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

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

COMPLIT 4	Crisis Maj Books:Cont Wrld	(4)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
COMPLIT 5	Fairy Tales, Fables, Parables	(4)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
COMPLIT 6	Myths & Legends	(4)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
COMPLIT 7	Lit:Fant,Supernatl	(4)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
COMPLIT 8	Utopias Transform	(4)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
COMPLIT 9	Short Story & Novella	(4)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
COMPLIT 11	Travel and Modern World	(4)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
COMPLIT 12	Same as: GERMAN 11 Intro Women Writers	(4)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
COMPLIT 13	Dramatic Lit	(3)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
COMPLIT 14	Intro Poetry	(3)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
COMPLIT 20	Humans & Natural World	(4)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
COMPLIT 24	Animals in Literature	(4)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
COMPLIT 25	Ethnic Writers	(4)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
COMPLIT 53A	Lit of East Asia	(4)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
COMPLIT 53B	Lit of South Asia	(4)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
COMPLIT 53C	Lit of the Islamic World	(4)	submitted course(s) for articulation 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](#).

---

**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





MATH 21B	Calculus	(4)	MATH 5B	Math Analysis II	(4)
MATH 21C	Calculus	(4)	MATH 6	Math Analysis III	(5)
-----					
MATH 22A	Linear Algebra	(3)	MATH 17	Differential Equations and Linear Algebra	(5)
<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)	CSCI 26	Discrete Mathematics for Computer Science	(4)
ENG CS 36A	Programming Formerly ENG CS 30	(4)	CSCI 40	Programming Concepts and Methodology I	(4)
<b>OR</b>			ENGR 40	Programming for Scientists and Engineers	(4)
ENG CS 36B	Object-Oriented Program Formerly ENG CS 40	(4)	CSCI 41	Programming Concepts and Methodology II	(4)
ENG CS 36C	Data Structures Formerly ENG CS 60	(4)	NO COMPARABLE COURSE		
ENG CS 50	Machine Dependent Prog	(4)	NO COURSE	ARTICULATED: College has not submitted course(s)for articulation	

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

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**THREE OF THE FOLLOWING COURSES:**

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 11A	Biology for Science Majors I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 11A <b>&amp;</b>	Biology for Science Majors I	(5)
			BIOL 11B	Biology for Science Majors II	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 11B	Biology for Science Majors II	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A <b>&amp;</b>	General Chemistry	(5)
			CHEM 1B	General Chemistry and Qualitative Analysis	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry and Qualitative Analysis	(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		
c) PHYSICS 9A	Classical Physics	(5)	PHYS 4A <b>&amp;</b>	Physics for Scientists and Engineers	(4)
			PHYS 4B <b>&amp;</b>	Physics for Scientists and Engineers	(4)
			PHYS 4C	Physics for Scientists and Engineers	(4)
c) PHYSICS 9B	Classical Physics	(5)	PHYS 4A <b>&amp;</b>	Physics for Scientists and Engineers	(4)
			PHYS 4B <b>&amp;</b>	Physics for Scientists and Engineers	(4)
			PHYS 4C	Physics for Scientists and Engineers	(4)
c) PHYSICS 9C	Classical Physics	(5)	PHYS 4A <b>&amp;</b>	Physics for Scientists	(4)



DESIGN 14	Design Drawing	(4)	NO COMPARABLE COURSE
	<b>OR</b>		<b>OR</b>
DESIGN 21	Drafting and Perspective	(4)	NO COMPARABLE COURSE
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DESIGN 15	Form & Color	(4)	NO COMPARABLE COURSE
	<b>AND</b>		<b>AND</b>
DESIGN 16	Graphics & The Computer	(4)	NO COMPARABLE COURSE
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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

**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
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UWRITING 11	Pop Sci & Technol Wrtng	(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)	ENGL 3 Critical Reading and Writing (3)
	Formerly UWRITING 18		
	<b>OR</b>		<b>OR</b>
			ENGL 3H Honors Critical Reading (3) and Writing
	<b>OR</b>		<b>OR</b>
UWRITING 49	Writing Research Papers	(4)	NO COMPARABLE COURSE
	Formerly UWRITING 19		

**END OF MAJOR**

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

**Special Advising Note:**

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

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

in English and mathematics by the end of fall term prior to enrollment.

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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 COURSE ARTICULATED: College has not submitted course(s) for articulation
JPNESE 10	Masterworks in English	(4)	NO COMPARABLE COURSE
JPNESE 25	Language & Culture (in English)	(4)	NO COMPARABLE COURSE
JPNESE 50	Intro to Literature	(4)	NO COMPARABLE COURSE
Same as: CHINESE 50			
E ASIAN 88	Korean Society	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
REL STD 75	Introduction to Chinese Philosophy	(4)	NO COMPARABLE COURSE

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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
	<b>OR</b>		<b>OR</b>
y) JPNESE 1	Elem Japanese	(5)	NO COMPARABLE COURSE
y) JPNESE 2	Elem Japanese	(5)	NO COMPARABLE COURSE

**END OF MAJOR**

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

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

**Special Advising Note:**

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is highly recommended that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. See the [UC Transfer Admission website](#) for details. UC Davis requires that students complete the minimum transfer admission requirement by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

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

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

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

The College of A&ES English Composition requirement for the Bachelor's degree is an element of the UC Davis General Education (GE) pattern. This GE requirement may be satisfied by completing either two courses emphasizing written expression OR one course emphasizing written expression and one course emphasizing oral expression, with a grade of C- (or P) or better. The following UC Davis

lower-division courses are among those that have been approved to satisfy this requirement: English 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1\*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (emphasis in either writing or speaking skills). The English Composition requirement may also be met by achieving a score of 4 or 5 on the Advanced Placement (AP) English examination PLUS completing any previously listed course, EXCEPT English 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC transfer students who have successfully completed the IGETC lower-division coursework are exempt from all GE requirements that may be met with lower-division courses. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

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

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

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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)		BIOL 11A	Biology for Science Majors I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL 11A <b>&amp;</b>	Biology for Science Majors I	(5)
				BIOL 11B	Biology for Science Majors II	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOL 11B	Biology for Science Majors II	(5)

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CHEM 2A	Genl Chemistry	(5)		CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 1A <b>&amp;</b>	General Chemistry	(5)
				CHEM 1B	General Chemistry and Qualitative Analysis	(5)

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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)		PHYS 2A <b>&amp;</b>	General Physics I	(4)
				PHYS 2B	General Physics II	(4)
PHYSICS 7B	General Physics	(4)		PHYS 2A <b>&amp;</b>	General Physics I	(4)
				PHYS 2B	General Physics II	(4)
PHYSICS 7C	General Physics	(4)		PHYS 2A <b>&amp;</b>	General Physics I	(4)
				PHYS 2B	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.

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MATH 16A	Short Calculus	(3)	MATH 5A	Math Analysis I	(5)
MATH 16B	Short Calculus	(3)	MATH 5B	Math Analysis II	(4)
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 5A	Math Analysis I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Math Analysis II	(4)

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ENV S&P 1	Env Analysis	(4)	NO COMPARABLE COURSE		
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**PREPARATION FOR GRADUATION:**

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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 1B	Principles of Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 1A	Principles of Macroeconomics	(3)

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STATIST 13	Elementary Statistics	(4)	MATH 11	Elementary Statistics	(4)
Same as: STATIST 13Y			<b>OR</b>		
			STAT 7	Elementary Statistics	(4)
	<b>OR</b>			<b>OR</b>	
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		

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

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

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MATH 21C	Calculus	(4)	MATH 6	Math Analysis III	(5)
MATH 22A	Linear Algebra	(3)	MATH 17	Differential Equations and Linear Algebra	(5)



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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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

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

**Special Advising Note:**

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

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

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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.

ENGLISH 3	Intro to Lit	(4)	ENGL 1B	Introduction to the Study of Literature	(3)
			<u>OR</u>		
			ENGL 1BH	Honors Introduction to the Study of Literature	(3)
	<u>OR</u>			<u>OR</u>	
UWRITING 1	Expository Writing	(4)	ENGL 1A	Reading and Composition	(4)
			<u>OR</u>		
			ENGL 1AH	Honors Reading and Composition	(4)

ENGLISH 10A	Literatures in English I: To 1700	(4)	ENGL 46A	English Literature to 1800	(3)
d) ENGLISH 10B	Literatures in English II: 1700-1900	(4)	ENGL 43A	American Literature: Origins through Reconstruction (1877)	(3)
			<u>OR</u>		
			ENGL 46B	English Literature from 1800 to the present	(3)
d) ENGLISH 10C	Literatures in English III: 1900 to Present	(4)	ENGL 43B	American Literature: 1877 to Present	(3)
			<u>OR</u>		
			ENGL 46B	English Literature from 1800 to the present	(3)

**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 COMPARABLE COURSE

**END OF MAJOR**

d) **Students who complete ENGL 46B at Clovis Community College will receive credit at UC Davis for ENGLISH 10B or 10C, not both.**

**====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.

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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)	BIOL 11A	Biology for Science Majors I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 11A &	Biology for Science Majors I	(5)
			BIOL 11B	Biology for Science Majors II	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 11B	Biology for Science Majors II	(5)

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

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CHEM 8A	Organic Chem-Brief	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 8B	Organic Chem-Brief	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	<b>OR</b>			<b>OR</b>	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 28A &	Organic Chemistry I	(3)
			CHEM 29A	Organic Chemistry Laboratory I	(2)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 28A &	Organic Chemistry I	(3)
			CHEM 29A &	Organic Chemistry Laboratory I	(2)
			CHEM 28B &	Organic Chemistry II	(3)
			CHEM 29B	Organic Chemistry Laboratory II	(2)

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MATH 16A	Short Calculus	(3)	MATH 5A	Math Analysis I	(5)
MATH 16B	Short Calculus	(3)	MATH 5B	Math Analysis II	(4)
MATH 16C	Short Calculus	(3)	MATH 5B	Math Analysis II	(4)
	<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 5A	Math Analysis I (5)
MATH 21B	Calculus	(4)		MATH 5B	Math Analysis II (4)
MATH 21C	Calculus	(4)		MATH 6	Math Analysis 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 11	Elementary Statistics (4)
Same as:	STATIST 13Y			<b>OR</b>	
				STAT 7	Elementary Statistics (4)
	<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.

**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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**END OF MAJOR**

**====Environmental Horticulture and Urban Forestry B.S.====**  
**Special Advising Note:**

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is highly recommended that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. See the [UC Transfer Admission website](#) for details. UC Davis requires that students complete the minimum transfer admission requirement by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

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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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ENVHORT 1	Intro Envhort/Urb For	(3)	NO COMPARABLE COURSE
ENVHORT 6	Intro Environ Plants	(4)	NO COURSE ARTICULATED: College has not



|submitted course(s)for articulation

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LND ARC 30 History Environ Design (4) |NO COURSE ARTICULATED: College has not  
|submitted course(s) for articulation

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BIOLSCI 2A Intro Biology:Life on (5) |BIOL 11A Biology for Science (5)  
Earth Majors I

BIOLSCI 2B Intro Biology: Ecology (5) |BIOL 11A & Biology for Science (5)  
& Evolution Majors I

|BIOL 11B Biology for Science (5)  
Majors II

PL SCI 2 Bot Physio Cul Plt (4) |NO COURSE ARTICULATED: College has not  
|submitted course(s)for articulation

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

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

|CHEM 1B General Chemistry and (5)  
Qualitative Analysis

-----  
ENV S&P 1 Env Analysis (4) |NO COMPARABLE COURSE  
OR OR

ENV S&P 10 Current Issues in (3) |NO COMPARABLE COURSE  
Environment

ENV S&P 10 not open for credit to students who have completed ENV S&P 1

OR OR

ENV S&P 30 Global Ecosystem (3) |NO COMPARABLE COURSE  
Same as: ENV SC&M 30

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PHYSICS 1A Principles Physics (3) |NO COMPARABLE COURSE

PHYSICS 1B Principles Physics (3) |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

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MATH 16A Short Calculus (3) |MATH 5A Math Analysis I (5)  
OR OR

STATIST 13 Elementary Statistics (4) |MATH 11 Elementary Statistics (4)  
Same as: STATIST 13Y

|OR  
|STAT 7 Elementary Statistics (4)

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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

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**RECOMMENDED COURSES:**

COMUNCN 1 Intro Public Spkg (4) |COMM 1 Public Speaking (3)  
OR

|COMM 1H Honors 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.

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COMUNCN 1	Intro Public Spkg	(4)		COMM 1	Public Speaking	(3)
				<b>OR</b>		
				COMM 1H	Honors Public Speaking	(3)
	<b>OR</b>			<b>OR</b>		
COMUNCN 3	Intprsnl Com Cmpetnce	(4)		NO COMPARABLE COURSE		
				<b>OR</b>		
DRAMART 10	Intro To Acting	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

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BIOLSCI 2A	Intro Biology:Life on Earth	(5)		BIOL 11A	Biology for Science Majors I	(5)
				<b>OR</b>		
BIOLSCI 10	Everyday Biology	(4)		BIOL 3	Introduction to Life Science	(4)

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CHEM 2A	Genl Chemistry	(5)		CHEM 1A	General Chemistry	(5)
				<b>OR</b>		
CHEM 10	Concept of Chem	(4)		NO COMPARABLE COURSE		

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PHYSICS 1A Principles Physics (3) | NO COMPARABLE COURSE

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BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL 11A &	Biology for Science Majors I	(5)
				BIOL 11B	Biology for Science Majors II	(5)
				<b>OR</b>		
CHEM 2B	Genl Chemistry	(5)		CHEM 1A &	General Chemistry	(5)
				CHEM 1B	General Chemistry and Qualitative Analysis	(5)
				<b>OR</b>		

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

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ECON 1A	Princ of Microecon	(4)		ECON 1B	Principles of Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)		ECON 1A	Principles of Macroeconomics	(3)

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**ONE COURSE FROM THE FOLLOWING:**

AN SCI 1	Domest Ani & People	(4)		NO COMPARABLE COURSE		
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ATM SCI 60	Intro to Atmospheric Science	(4)	NO COMPARABLE COURSE
f) GEOLOGY 1	The Earth	(4)	GEOL 1 Physical Geology (4)
PL SCI 12	Plants and Society	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	Same as: SCI&SOC 12		
FORMERLY PLANT BIO 12			
W&F BIO 51	Intro to Conservation Biology	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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ENV S&P 1	Env Analysis	(4)	NO COMPARABLE COURSE
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MATH 16A	Short Calculus	(3)	MATH 5A Math Analysis I (5)
MATH 16B	Short Calculus	(3)	MATH 5B Math Analysis II (4)
	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 5A Math Analysis I (5)
MATH 21B	Calculus	(4)	MATH 5B Math Analysis II (4)
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POL SCI 1	Amer Natl Govt	(4)	POLSCI 2 American Government (3)
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STATIST 13	Elementary Statistics	(4)	MATH 11 Elementary Statistics (4)
	Same as: STATIST 13Y		OR
	OR		STAT 7 Elementary Statistics (4)
	OR		OR
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE
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<b>CLIMATE CHANGE POLICY AREA:</b>			
SCI&SOC 25	Global Climate Change	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

**END OF MAJOR**

f) If a student takes GEOL 1 at Clovis Community College, credit will be given for UC Davis's GEOLOGY 1 or 50+50L, not both.

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

**Special Advising Note:**

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is highly recommended that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. See the [UC Transfer Admission website](#) for details. UC Davis requires that students complete the minimum transfer admission requirement by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

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

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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 1	Public Speaking	(3)
			<b>OR</b>		
			COMM 1H	Honors Public Speaking	(3)
	<b>OR</b>			<b>OR</b>	

COMUNCN 3	Intprsnl Com Cmpetnce	(4)	NO COMPARABLE COURSE	
	<b>OR</b>			<b>OR</b>
DRAMART 10	Intro To Acting	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 11A	Biology for Science Majors I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 11A &	Biology for Science Majors I	(5)
			BIOL 11B	Biology for Science Majors II	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 11B	Biology for Science Majors II	(5)

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

f) GEOLOGY 1	The Earth	(4)	GEOL 1	Physical Geology	(4)
	<b>OR</b>			<b>OR</b>	
f) GEOLOGY 50	Physical Geology	(3)	GEOL 1	Physical Geology	(4)

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)	PHYS 2A &	General Physics I	(4)
			PHYS 2B	General Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYS 2A &	General Physics I	(4)
			PHYS 2B	General Physics II	(4)
PHYSICS 7C	General Physics	(4)	PHYS 2A &	General Physics I	(4)
			PHYS 2B	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.

ECON 1A	Princ of Microecon	(4)	ECON 1B	Principles of Microeconomics	(3)
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MATH 16A	Short Calculus	(3)	MATH 5A	Math Analysis I	(5)
MATH 16B	Short Calculus	(3)	MATH 5B	Math Analysis II	(4)
	<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 5A	Math Analysis I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Math Analysis II	(4)

ENV S&P 1	Env Analysis	(4)	NO COMPARABLE COURSE		
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**RECOMMENDED COURSES FOR THIS MAJOR:**

CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry and Qualitative Analysis	(5)
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**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).

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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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**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)	BIOL 11A	Biology for Science Majors I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 11A &	Biology for Science Majors I	(5)
			BIOL 11B	Biology for Science Majors II	(5)



BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 11B	Biology for Science Majors II	(5)
-----					
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry and	(5)
				Qualitative Analysis	
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry and	(5)
				Qualitative Analysis	
	<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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CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 28A &	Organic Chemistry I	(3)
			CHEM 29A	Organic Chemistry	(2)
				Laboratory I	
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 28A &	Organic Chemistry I	(3)
			CHEM 29A &	Organic Chemistry	(2)
				Laboratory I	
			CHEM 28B &	Organic Chemistry II	(3)
			CHEM 29B	Organic Chemistry	(2)
				Laboratory II	
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 28B &	Organic Chemistry II	(3)
			CHEM 29B	Organic Chemistry	(2)
				Laboratory II	
	<b>OR</b>			<b>OR</b>	
CHEM 128A	Organic Chemistry	(3)	CHEM 28A	Organic Chemistry I	(3)
CHEM 128B	Organic Chemistry	(3)	CHEM 28A &	Organic Chemistry I	(3)
			CHEM 28B	Organic Chemistry II	(3)
CHEM 128C	Organic Chemistry	(3)	CHEM 28B	Organic Chemistry II	(3)
CHEM 129A	Organic Chem Lab	(2)	CHEM 29A	Organic Chemistry	(2)
				Laboratory I	
-----					
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 5A	Math Analysis I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Math Analysis II	(4)
MATH 21C	Calculus	(4)	MATH 6	Math Analysis III	(5)
-----					
PHYSICS 7A	General Physics	(4)	PHYS 2A &	General Physics I	(4)
			PHYS 2B	General Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYS 2A &	General Physics I	(4)
			PHYS 2B	General Physics II	(4)
PHYSICS 7C	General Physics	(4)	PHYS 2A &	General Physics I	(4)
			PHYS 2B	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.

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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.

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

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

**College Foreign Language Requirement Note:**

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

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 11A	Biology for Science Majors I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 11A &	Biology for Science Majors I	(5)
			BIOL 11B	Biology for Science Majors II	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 11B	Biology for Science Majors II	(5)

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

CHEM 8A	Organic Chem-Brief	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
CHEM 8B	Organic Chem-Brief	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		

MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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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 5A	Math Analysis I (5)
MATH 21B	Calculus	(4)		MATH 5B	Math Analysis II (4)
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PHYSICS 1A	Principles Physics	(3)		NO COMPARABLE COURSE	
PHYSICS 1B	Principles Physics	(3)		NO COMPARABLE COURSE	
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**RECOMMENDED:**

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 6	Math Analysis 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.

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

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

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

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

BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 11A	Biology for Science Majors I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 11A &	Biology for Science Majors I	(5)
			BIOL 11B	Biology for Science Majors II	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 11B	Biology for Science Majors II	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry and Qualitative Analysis	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry and Qualitative Analysis	(5)

CHEM 8A	Organic Chem-Brief	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 8B	Organic Chem-Brief	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	<b>OR</b>			<b>OR</b>	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 28A &	Organic Chemistry I	(3)
			CHEM 29A	Organic Chemistry	(2)

CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 28A &	Laboratory I Organic Chemistry I	(3)
			CHEM 29A &	Organic Chemistry Laboratory I	(2)
			CHEM 28B &	Organic Chemistry II	(3)
			CHEM 29B	Organic Chemistry Laboratory II	(2)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 28B &	Organic Chemistry II	(3)
			CHEM 29B	Organic Chemistry Laboratory II	(2)

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 5A	Math Analysis I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Math Analysis II	(4)

PHYSICS 7A	General Physics	(4)	PHYS 2A &	General Physics I	(4)
			PHYS 2B	General Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYS 2A &	General Physics I	(4)
			PHYS 2B	General Physics II	(4)
PHYSICS 7C	General Physics	(4)	PHYS 2A &	General Physics I	(4)
			PHYS 2B	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.

**RECOMMENDED:**

MATH 21C	Calculus	(4)	MATH 6	Math Analysis 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 1A	General Chemistry	(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 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry and Qualitative Analysis	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry and Qualitative Analysis	(5)

B) ENG CS 15	Intro to Computers	(4)	IS 15	Computer Concepts	(3)
	<b>OR</b>			<b>OR</b>	

ENG CS 36A Programming Formerly ENG CS 30	(4)		CSCI 40	Programming Concepts and Methodology I	(4)
			<u>OR</u>		
			ENGR 40	Programming for Scientists and Engineers	(4)

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

MATH 16A	Short Calculus	(3)		MATH 5A	Math Analysis I	(5)
MATH 16B	Short Calculus	(3)		MATH 5B	Math Analysis II	(4)
MATH 16C	Short Calculus	(3)		MATH 5B	Math Analysis II	(4)
	<u>OR</u>			<u>OR</u>		
MATH 21A	Calculus	(4)		MATH 5A	Math Analysis I	(5)
MATH 21B	Calculus	(4)		MATH 5B	Math Analysis II	(4)
MATH 21C	Calculus	(4)		MATH 6	Math Analysis III	(5)

PHYSICS 7A	General Physics	(4)		PHYS 2A &	General Physics I	(4)
				PHYS 2B	General Physics II	(4)
PHYSICS 7B	General Physics	(4)		PHYS 2A &	General Physics I	(4)
				PHYS 2B	General Physics II	(4)
PHYSICS 7C	General Physics	(4)		PHYS 2A &	General Physics I	(4)
				PHYS 2B	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.

	<u>OR</u>			<u>OR</u>		
c) PHYSICS 9A	Classical Physics	(5)		PHYS 4A &	Physics for Scientists and Engineers	(4)
				PHYS 4B &	Physics for Scientists and Engineers	(4)
				PHYS 4C	Physics for Scientists and Engineers	(4)
c) PHYSICS 9B	Classical Physics	(5)		PHYS 4A &	Physics for Scientists and Engineers	(4)
				PHYS 4B &	Physics for Scientists and Engineers	(4)
				PHYS 4C	Physics for Scientists and Engineers	(4)
c) PHYSICS 9C	Classical Physics	(5)		PHYS 4A &	Physics for Scientists and Engineers	(4)
				PHYS 4B &	Physics for Scientists and Engineers	(4)
				PHYS 4C	Physics for Scientists and Engineers	(4)

STATIST 13	Elementary Statistics	(4)		MATH 11	Elementary Statistics	(4)
Same as: STATIST 13Y				<u>OR</u>		
				STAT 7	Elementary Statistics	(4)

TEX&CL 6	Intro Textiles	(4)		NO COMPARABLE COURSE
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TEX&CL 8	Textile Apparel Ind	(4)		NO COMPARABLE COURSE
	<u>OR</u>			<u>OR</u>

ENGIN 45	Prop of Mats	(4)		ENGR 4	Engineering Materials	(3)
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**PREPARATION FOR GRADUATION:**

CHEM 128A	Organic Chemistry	(3)	CHEM 28A	Organic Chemistry I	(3)
CHEM 128B	Organic Chemistry	(3)	CHEM 28A &	Organic Chemistry I	(3)
			CHEM 28B	Organic Chemistry II	(3)
CHEM 128C	Organic Chemistry	(3)	CHEM 28B	Organic Chemistry II	(3)
CHEM 129A	Organic Chem Lab	(2)	CHEM 29A	Organic Chemistry	(2)
				Laboratory I	
CHEM 129B	Organic Chem Lab	(2)	CHEM 29A &	Organic Chemistry	(2)
				Laboratory I	
			CHEM 29B	Organic Chemistry	(2)
				Laboratory II	

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**ELECTIVE COURSES:**

ECON 1A	Princ of Microecon	(4)	ECON 1B	Principles of	(3)
				Microeconomics	
ECON 1B	Princ of Macroecon	(4)	ECON 1A	Principles of	(3)
				Macroeconomics	
MATH 22A	Linear Algebra	(3)	MATH 17	Differential Equations	(5)
				and Linear Algebra	
MATH 22B	Differntl Equations	(3)	MATH 17	Differential Equations	(5)
				and Linear Algebra	
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.**
- c) **This articulation is "series for series" only.**

**====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.

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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 1	Public Speaking	(3)
				<u>OR</u>		
				COMM 1H	Honors Public Speaking	(3)
MATH 16A	Short Calculus	(3)		MATH 5A	Math Analysis I	(5)
MATH 16B	Short Calculus	(3)		MATH 5B	Math Analysis II	(4)

MATH 16C	Short Calculus	(3)	MATH 5B	Math Analysis II	(4)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 11A	Biology for Science Majors I	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry and Qualitative Analysis	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry and Qualitative Analysis	(5)
CHEM 8A	Organic Chem-Brief	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	<b>AND</b>		<b>AND</b>		
CHEM 8B	Organic Chem-Brief	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	<b>OR</b>		<b>OR</b>		
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 28A &	Organic Chemistry I	(3)
			CHEM 29A	Organic Chemistry Laboratory I	(2)
	<b>AND</b>		<b>AND</b>		
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 28A &	Organic Chemistry I	(3)
			CHEM 29A &	Organic Chemistry Laboratory I	(2)
			CHEM 28B &	Organic Chemistry II	(3)
			CHEM 29B	Organic Chemistry Laboratory II	(2)
	<b>OR</b>		<b>OR</b>		
CHEM 128A	Organic Chemistry	(3)	CHEM 28A	Organic Chemistry I	(3)
	<b>AND</b>		<b>AND</b>		
CHEM 128B	Organic Chemistry	(3)	CHEM 28A &	Organic Chemistry I	(3)
			CHEM 28B	Organic Chemistry II	(3)
	<b>AND</b>		<b>AND</b>		
CHEM 129A	Organic Chem Lab	(2)	CHEM 29A	Organic Chemistry Laboratory I	(2)
PHYSICS 7A	General Physics	(4)	PHYS 2A &	General Physics I	(4)
			PHYS 2B	General Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYS 2A &	General Physics I	(4)
			PHYS 2B	General Physics II	(4)
PHYSICS 7C	General Physics	(4)	PHYS 2A &	General Physics I	(4)
			PHYS 2B	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.

FD S&T 50	Intro Food Preservation	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
STATIST 13	Elementary Statistics	(4)	MATH 11	Elementary Statistics	(4)
	Same as: STATIST 13Y		<b>OR</b>		
			STAT 7	Elementary Statistics	(4)
NUTR 10	Discoveries and Concepts	(3)	FN 40	Nutrition	(3)

**RECOMMENDED FOR STUDENTS INTENDING TO PURSUE GRADUATE OR PROFESSIONAL STUDIES:**

CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 28B &	Organic Chemistry II	(3)
			CHEM 29B	Organic Chemistry Laboratory II	(2)

	<b>OR</b>			<b>OR</b>	
CHEM 128C	Organic Chemistry	(3)	CHEM 28B	Organic Chemistry II	(3)
	<b>AND</b>			<b>AND</b>	
CHEM 129B	Organic Chem Lab	(2)	CHEM 29A &	Organic Chemistry	(2)
				Laboratory I	
			CHEM 29B	Organic Chemistry	(2)
				Laboratory II	
	<b>AND</b>			<b>AND</b>	
CHEM 129C	Organic Chem Lab	(2)	CHEM 29B	Organic Chemistry	(2)
				Laboratory II	

**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](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

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

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

**College Foreign Language Requirement Note:**

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

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

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

FRENCH 1	Elementary French	(5)	FRENCH 1	Beginning French	(4)
FRENCH 2	Elementary French	(5)	FRENCH 1 &	Beginning French	(4)
			FRENCH 2	High-Beginning French	(4)
FRENCH 3	Elementary French	(5)	FRENCH 2	High-Beginning French	(4)
FRENCH 21	Intermed French	(5)	FRENCH 3	Intermediate French	(4)
FRENCH 22	Intermed French	(5)	FRENCH 3 &	Intermediate French	(4)
			FRENCH 4	High-Intermediate	(4)
				French	
FRENCH 23	Intermed French	(5)	FRENCH 4	High-Intermediate	(4)
				French	

**Please Note:** Based on our experience, and in order to insure that students are well-prepared for second year and upper-division courses, students who plan to enroll in FRENCH 21 or a higher course must first consult with one of the French Department's Lower-Division Language Coordinators. It is also strongly recommended that all transfer students take the French Placement Test when transferring to UC Davis.

**END OF MAJOR**

**====Gender, Sexuality and Women's Studies A.B.====**

**Special Advising Note:**

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

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

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

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

**College Foreign Language Requirement Note:**

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

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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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WOM STD 50	Intro Gender Studies	(4)	NO COMPARABLE COURSE
WOM STD 60	Feminist Critiques	(4)	NO COMPARABLE COURSE
WOM STD 70	Sexual:Thry&Hist	(4)	NO COMPARABLE COURSE

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**TWO COURSES FROM THE FOLLOWING:**

AF-AMST 10	Af-Am Culture & Soc	(4)	NO COMPARABLE COURSE
AF-AMST 17	Women in Africa	(4)	NO COMPARABLE COURSE
AMR STD 21	Objects & Everyday Life	(4)	NO 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 2 Cultural Anthropology (3)
ANTHRO 20	Comparative Cultures	(4)	NO COMPARABLE COURSE
ANTHRO 30	Sexualities	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
A A STD 1	Hist Exp Asian Am	(4)	NO COMPARABLE COURSE
A A STD 2	Contemp Issues of Asian Americans	(4)	NO COMPARABLE COURSE
CHICANO 10	Intro to Chic Std	(4)	NO COMPARABLE COURSE
CHICANO 21	Hlth Care Issues	(4)	NO COMPARABLE COURSE
CHICANO 50	Chicano Culture	(4)	NO COMPARABLE COURSE
COMPLIT 12	Intro Women Writers	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
DRAMART 1	Theatre, Performance and Culture	(4)	NO COMPARABLE COURSE
ENGLISH 3	Intro to Lit	(4)	ENGL 1B Introduction to the Study of Literature (3)  <u>OR</u> ENGL 1BH Honors Introduction to the Study of Literature (3)
HISTORY 72A	Am Women & Gender	(4)	NO COMPARABLE COURSE
HISTORY 72B	Am Women & Gender	(4)	NO COMPARABLE COURSE
HISTORY 85	Nat, Man & Mach/Amer	(4)	NO COMPARABLE COURSE
N A STD 10	NA Experience	(4)	NO 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)	PSY 2 General Psychology (3)  <u>OR</u> PSY 2H Honors General Psychology (3)
SCI&TEC 1	Intro Sci & Tech Std	(4)	NO COMPARABLE COURSE
SCI&TEC 2	Intro History of Science	(4)	
SCI&TEC 20	Sci & Tec Std Methods	(4)	NO COMPARABLE COURSE
SCI&TEC 32	Drugs, Science and Culture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	Same as: ANTHRO 32		
SOCIOL 2	Self and Society	(4)	NO COMPARABLE COURSE
SOCIOL 3	Social Problems	(4)	NO COMPARABLE COURSE
SOCIOL 11	Sociology of Labor and Employment	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

SOCIOL 30A	Multicultural Societies	(3)	NO 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
TEX&CL 7	Style & Cult Std	(4)	NO COMPARABLE COURSE
UWRITING 49	Writing Research Papers	(4)	NO COMPARABLE COURSE
	Formerly UWRITING 19		
WOM STD 20	Cult Repr of Gndr	(4)	NO COMPARABLE COURSE

**END OF MAJOR**

**====Genetics and Genomics B.S.====**

**Special Advising Note:**

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

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

**REQUIREMENTS FOR ADMISSION:**

(for 2019-20)

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

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

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

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

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

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

[Admission webpage](#). In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

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

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 11A	Biology for Science Majors I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 11A &	Biology for Science Majors I	(5)
			BIOL 11B	Biology for Science Majors II	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 11B	Biology for Science Majors II	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry and Qualitative Analysis	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry and Qualitative Analysis	(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		

CHEM 8A	Organic Chem-Brief	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
CHEM 8B	Organic Chem-Brief	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
<b>OR</b>			<b>OR</b>		
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 28A &	Organic Chemistry I	(3)
			CHEM 29A	Organic Chemistry Laboratory I	(2)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 28A &	Organic Chemistry I	(3)
			CHEM 29A &	Organic Chemistry Laboratory I	(2)

			CHEM 28B &	Organic Chemistry II	(3)
			CHEM 29B	Organic Chemistry Laboratory II	(2)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 28B &	Organic Chemistry II	(3)
			CHEM 29B	Organic Chemistry Laboratory II	(2)

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 5A	Math Analysis I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Math Analysis II	(4)

PHYSICS 7A	General Physics	(4)	PHYS 2A &	General Physics I	(4)
			PHYS 2B	General Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYS 2A &	General Physics I	(4)
			PHYS 2B	General Physics II	(4)
PHYSICS 7C	General Physics	(4)	PHYS 2A &	General Physics I	(4)
			PHYS 2B	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.

**RECOMMENDED:**

MATH 21C	Calculus	(4)	MATH 6	Math Analysis III	(5)
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**END OF MAJOR**

**====Geology A.B.====**

**Special Advising Note:**

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is highly recommended that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. See the [UC Transfer Admission website](#) for details. UC Davis requires that students complete the minimum transfer admission requirement by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

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

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

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



Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

**College Foreign Language Requirement Note:**

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

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

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

GEOLOGY 3	History of Life	(3)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
GEOLOGY 3L	History of Life Lab	(1)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
f) GEOLOGY 50	Physical Geology	(3)		GEOL 1 Physical Geology	(4)
f) GEOLOGY 50L	Physical Geol Lab	(2)		GEOL 1 Physical Geology	(4)
GEOLOGY 60	Earth Materials: Intro	(4)		NO COMPARABLE COURSE	

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

CHEM 2A	Genl Chemistry	(5)		CHEM 1A General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 1A <b>&amp;</b> General Chemistry	(5)
				CHEM 1B <b>&amp;</b> General Chemistry and Qualitative Analysis	(5)

PHYSICS 7A	General Physics	(4)		PHYS 2A <b>&amp;</b> General Physics I	(4)
				PHYS 2B General Physics II	(4)
PHYSICS 7B	General Physics	(4)		PHYS 2A <b>&amp;</b> General Physics I	(4)
				PHYS 2B 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.

STATIST 13	Elementary Statistics	(4)		MATH 11 Elementary Statistics	(4)
	Same as: STATIST 13Y			<b>OR</b>	
	<b>OR</b>			STAT 7 Elementary Statistics	(4)
STATIST 32	Gateway to Data Science	(4)		NO COMPARABLE COURSE	

**END OF MAJOR**

f) If a student takes GEOL 1 at Clovis Community College, credit will be given for UC Davis's GEOLOGY 1 or 50+50L, not both.

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

**Special Advising Note:**

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is highly recommended that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. See the [UC Transfer Admission website](#) for details. UC Davis requires that students complete the minimum transfer admission requirement by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

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

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GEOLOGY 3	History of Life	(3)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation	
GEOLOGY 3L	History of Life Lab	(1)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation	
f) GEOLOGY 50	Physical Geology	(3)	GEOL 1	Physical Geology (4)
f) GEOLOGY 50L	Physical Geol Lab	(2)	GEOL 1	Physical Geology (4)
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 5A	Math Analysis I (5)
MATH 21B	Calculus	(4)	MATH 5B	Math Analysis II (4)
MATH 21C	Calculus	(4)	MATH 6	Math Analysis III (5)

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

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

**GENERAL GEOLOGY OPTION:**

CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry and	(5)
				Qualitative Analysis	
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		
PHYSICS 7A	General Physics	(4)	PHYS 2A &	General Physics I	(4)
			PHYS 2B	General Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYS 2A &	General Physics I	(4)
			PHYS 2B	General Physics II	(4)
PHYSICS 7C	General Physics	(4)	PHYS 2A &	General Physics I	(4)
			PHYS 2B	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>	
c) PHYSICS 9A	Classical Physics	(5)	PHYS 4A &	Physics for Scientists	(4)
				and Engineers	
			PHYS 4B &	Physics for Scientists	(4)
				and Engineers	
			PHYS 4C	Physics for Scientists	(4)
				and Engineers	
c) PHYSICS 9B	Classical Physics	(5)	PHYS 4A &	Physics for Scientists	(4)
				and Engineers	
			PHYS 4B &	Physics for Scientists	(4)
				and Engineers	
			PHYS 4C	Physics for Scientists	(4)
				and Engineers	
c) PHYSICS 9C	Classical Physics	(5)	PHYS 4A &	Physics for Scientists	(4)
				and Engineers	
			PHYS 4B &	Physics for Scientists	(4)
				and Engineers	
			PHYS 4C	Physics for Scientists	(4)
				and Engineers	

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

**GEOCHEMISTRY/PETROLOGY OPTION:**

CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry and	(5)
				Qualitative Analysis	
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		
MATH 21D	Vector Analysis	(4)	MATH 6	Math Analysis III	(5)
c) PHYSICS 9A	Classical Physics	(5)	PHYS 4A &	Physics for Scientists	(4)
				and Engineers	
			PHYS 4B &	Physics for Scientists	(4)
				and Engineers	
			PHYS 4C	Physics for Scientists	(4)
				and Engineers	
c) PHYSICS 9B	Classical Physics	(5)	PHYS 4A &	Physics for Scientists	(4)
				and Engineers	
			PHYS 4B &	Physics for Scientists	(4)
				and Engineers	

	and Engineers	
PHYS 4C	Physics for Scientists	(4)
	and Engineers	

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**QUANTITATIVE/GEOPHYSICS OPTION:**

MATH 21D	Vector Analysis	(4)	MATH 6	Math Analysis III	(5)
MATH 22A	Linear Algebra	(3)	MATH 17	Differential Equations	(5)
				and Linear Algebra	
c) PHYSICS 9A	Classical Physics	(5)	PHYS 4A &	Physics for Scientists	(4)
				and Engineers	
			PHYS 4B &	Physics for Scientists	(4)
				and Engineers	
			PHYS 4C	Physics for Scientists	(4)
				and Engineers	
c) PHYSICS 9B	Classical Physics	(5)	PHYS 4A &	Physics for Scientists	(4)
				and Engineers	
			PHYS 4B &	Physics for Scientists	(4)
				and Engineers	
			PHYS 4C	Physics for Scientists	(4)
				and Engineers	
c) PHYSICS 9C	Classical Physics	(5)	PHYS 4A &	Physics for Scientists	(4)
				and Engineers	
			PHYS 4B &	Physics for Scientists	(4)
				and Engineers	
			PHYS 4C	Physics for Scientists	(4)
				and Engineers	

**END OF MAJOR**

f) **If a student takes GEOL 1 at Clovis Community College, credit will be given for UC Davis's GEOLOGY 1 or 50+50L, not both.**

c) **This articulation is "series for series" only.**

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

**Special Advising Note:**

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](http://ucdavis.edu/transfer). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

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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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GERMAN 1	Elementary German	(5)	GERMAN 1	Beginning German	(4)
GERMAN 2	Elementary German	(5)	GERMAN 2	High-Beginning German	(4)
GERMAN 3	Elementary German	(5)	GERMAN 3	Intermediate German	(4)
GERMAN 20	Intermediate German	(4)	GERMAN 4	High-Intermediate German	(4)
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:**

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

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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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GDISBIO 90	Intro Global Disease Bio	(1)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
<hr/>					
SCI&SOC 13	Disease and Society	(3)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
<hr/>					
BIOLSCI 2A	Intro Biology: Life on Earth	(5)		BIOL 11A	Biology for Science Majors I (5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL 11A &	Biology for Science Majors I (5)
				BIOL 11B	Biology for Science (5)

BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 11B	Majors II Biology for Science Majors II	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A & CHEM 1B	General Chemistry General Chemistry and Qualitative Analysis	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry and Qualitative Analysis	(5)
CHEM 8A	Organic Chem-Brief	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 8B	Organic Chem-Brief	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	<b>OR</b>			<b>OR</b>	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 28A & CHEM 29A	Organic Chemistry I Organic Chemistry Laboratory I	(3) (2)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 28A & CHEM 29A & CHEM 28B & CHEM 29B	Organic Chemistry I Organic Chemistry Laboratory I Organic Chemistry II Organic Chemistry Laboratory II	(3) (2) (3) (2)
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		
PHYSICS 7A	General Physics	(4)	PHYS 2A & PHYS 2B	General Physics I General Physics II	(4) (4)
PHYSICS 7B	General Physics	(4)	PHYS 2A & PHYS 2B	General Physics I General Physics II	(4) (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.

**PREPARATION FOR GRADUATION:**

STATIST 13	Elementary Statistics	(4)	MATH 11	Elementary Statistics	(4)
Same as: STATIST 13Y			<b>OR</b>		
			STAT 7	Elementary Statistics	(4)

**END OF MAJOR**

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

**Special Advising Note:**

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**College Foreign Language Requirement Note:**

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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)		HIST 1 & Western Civilization to (3) 1648
				HIST 2 Western Civilization (3)



HISTORY 4C	Western Civ	(4)	HIST 2	from 1648 Western Civilization from 1648	(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)	HIST 11	History of the United States to 1877	(3)
HISTORY 17B	U.S. History	(4)	HIST 12	History of the United States since 1865	(3)
			<u>OR</u>		
			HIST 12H	Honors History of the United States Since 1865	(3)
HISTORY 18A	Race in America to 1865	(4)	NO COURSE	ARTICULATED	
HISTORY 72A	Am Women & Gender	(4)	NO COMPARABLE	COURSE	
HISTORY 72B	Am Women & Gender	(4)	NO COMPARABLE	COURSE	
HISTORY 80	US in the Middle East	(2)	NO COURSE	ARTICULATED: College has not submitted course(s)for articulation	
HISTORY 85	Nat,Man&Mach/Amer	(4)	NO COMPARABLE	COURSE	

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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)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
HISTORY 10B	World History 1350-1850	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
HISTORY 10C	World History III	(4)	NO COMPARABLE	COURSE	
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**

====Human Development B.S.====

**Special Advising Note:**

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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:**

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**Select two of the following courses:**

ANTHRO 1	Human Evol Biol	(4)		ANTHRO 1	Biological Anthropology	(3)
ANTHRO 2	Cultural Anthropology	(5)		ANTHRO 2	Cultural Anthropology	(3)
ANTHRO 15	Human Life Cycle	(5)		NO COMPARABLE COURSE		

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**Select one course from:**

BIOLSCI 2A	Intro Biology:Life on Earth	(5)		BIOL 11A	Biology for Science Majors I	(5)
	<b>OR</b>				<b>OR</b>	
BIOLSCI 10	Everyday Biology	(4)		BIOL 3	Introduction to Life Science	(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		
	<b>OR</b>				<b>OR</b>	
MOL&CB 10	Intro Human Heredity	(4)		NO COMPARABLE COURSE		

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**Select one course from:**

HISTORY 17A	U.S. History	(4)		HIST 11	History of the United States to 1877	(3)
	<b>OR</b>				<b>OR</b>	
HISTORY 17B	U.S. History	(4)		HIST 12	History of the United States since 1865	(3)
	<b>OR</b>				<b>OR</b>	
	<b>OR</b>			HIST 12H	Honors History of the United States Since 1865	(3)
	<b>OR</b>				<b>OR</b>	
HISTORY 72A	Am Women & Gender	(4)		NO COMPARABLE COURSE		
	<b>OR</b>				<b>OR</b>	
HISTORY 72B	Am Women & Gender	(4)		NO COMPARABLE COURSE		
	<b>OR</b>				<b>OR</b>	
POL SCI 1	Amer Natl Govt	(4)		POLSCI 2	American Government	(3)

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**Select two of the following courses:**

PHILOS 5	Critical Reasoning	(4)		PHIL 2	Critical Reasoning and Analytic Writing	(3)
PHILOS 15	Intro to Bioethics	(4)		NO COMPARABLE COURSE		
PHILOS 30	Intro Philos of Sci	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
PHILOS 31	Scientific Reason	(4)		NO COMPARABLE COURSE		
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) | BIOL 22 Human Physiology (5)

PSYCH 1 General Psychology (4) | PSY 2 General Psychology (3)  
| OR  
| PSY 2H Honors General Psychology (3)

**Select one of the following options:**

PSYCH 41 Research Methods (4) | PSY 45 Introduction to Research Methods in Psychology (3)

**OR**

SOCIOL 46A Intro Social Rsch (4) | NO COMPARABLE COURSE

**AND**

SOCIOL 46B Intro Social Rsch (5) | NO COMPARABLE COURSE

**OR**

STATIST 10 Statist Thinking (4) | NO COMPARABLE COURSE

**OR**

STATIST 13 Elementary Statistics (4) | MATH 11 Elementary Statistics (4)  
Same as: STATIST 13Y | OR

| STAT 7 Elementary Statistics (4)

**END OF MAJOR**

**====Hydrology B.S.====**

**Special Advising Note:**

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BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 11A &	Biology for Science Majors I	(5)
			BIOL 11B	Biology for Science Majors II	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry and Qualitative Analysis	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry and Qualitative Analysis	(5)

c) PHYSICS 9A	Classical Physics	(5)	PHYS 4A &	Physics for Scientists and Engineers	(4)
			PHYS 4B &	Physics for Scientists and Engineers	(4)

			PHYS 4C	Physics for Scientists and Engineers	(4)
c) PHYSICS 9B	Classical Physics	(5)	PHYS 4A &	Physics for Scientists and Engineers	(4)
			PHYS 4B &	Physics for Scientists and Engineers	(4)
			PHYS 4C	Physics for Scientists and Engineers	(4)
c) PHYSICS 9C	Classical Physics	(5)	PHYS 4A &	Physics for Scientists and Engineers	(4)
			PHYS 4B &	Physics for Scientists and Engineers	(4)
			PHYS 4C	Physics for Scientists and Engineers	(4)
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MATH 21A	Calculus	(4)	MATH 5A	Math Analysis I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Math Analysis II	(4)
MATH 21C	Calculus	(4)	MATH 6	Math Analysis III	(5)
MATH 21D	Vector Analysis	(4)	MATH 6	Math Analysis III	(5)
MATH 22A	Linear Algebra	(3)	MATH 17	Differential Equations and Linear Algebra	(5)
MATH 22B	Differntl Equations	(3)	MATH 17	Differential Equations and Linear Algebra	(5)
-----					
f) GEOLOGY 50	Physical Geology	(3)	GEOL 1	Physical Geology	(4)
f) GEOLOGY 50L	Physical Geol Lab	(2)	GEOL 1	Physical Geology	(4)
-----					
ENGIN 6	Engr Prob Solving	(4)	NO COMPARABLE COURSE		

**END OF MAJOR**

c) **This articulation is "series for series" only.**

f) **If a student takes GEOL 1 at Clovis Community College, credit will be given for UC Davis's GEOLOGY 1 or 50+50L, not both.**

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

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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.

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

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

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

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

INT AG 10	Intro Intl Ag Development	(4)	NO COMPARABLE COURSE
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)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

ECON 1A	Princ of Microecon	(4)	ECON 1B	Principles of Microeconomics	(3)
<b>AND</b>			<b>AND</b>		
ECON 1B	Princ of Macroecon	(4)	ECON 1A	Principles of Macroeconomics	(3)
-----					
STATIST 13	Elementary Statistics	(4)	MATH 11	Elementary Statistics	(4)
Same as: STATIST 13Y			<b>OR</b>		
<b>OR</b>			STAT 7	Elementary Statistics	(4)
SOCIOL 46B	Intro Social Rsch	(5)	<b>OR</b>		
-----					
MATH 16A	Short Calculus	(3)	MATH 5A	Math Analysis I	(5)
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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 COMPARABLE COURSE		
AN SCI 41	Domestic Ani Prod	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
AN SCI 41L	Domest An Prod Lab	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CM&RGDE 20	Food Systems	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
NUTR 10	Discoveries and Concepts	(3)	FN 40	Nutrition	(3)
PL SCI 1	Agr Nature & Society	(3)	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		
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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

**AREAS OF SPECIALIZATION:**

**AGRICULTURAL PRODUCTION OPTION:**

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 11A	Biology for Science Majors I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 11A &	Biology for Science Majors I	(5)
			BIOL 11B	Biology for Science Majors II	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry and Qualitative Analysis	(5)
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**TRADE AND ECONOMIC DEVELOPMENT OPTION:**

MATH 16B	Short Calculus	(3)	MATH 5B	Math Analysis II	(4)
SOCIOL 1	Intro Sociology	(5)	SOC 1A	Introduction to Sociology	(3)
<b>OR</b>			<b>OR</b>		
ANTHRO 2	Cultural Anthropology	(5)	ANTHRO 2	Cultural Anthropology	(3)
AGRESEC 15	Pop,Envr,World Agri	(4)	NO COMPARABLE COURSE		
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**ENVIRONMENTAL ISSUES OPTION:**



BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 11A	Biology for Science Majors I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 11A &	Biology for Science Majors I	(5)
			BIOL 11B	Biology for Science Majors II	(5)
ENV S&P 1	Env Analysis	(4)	NO COMPARABLE COURSE		

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**RURAL COMMUNITIES OPTION:**

SOCIOL 1	Intro Sociology	(5)	SOC 1A	Introduction to Sociology	(3)
ANTHRO 2	Cultural Anthropology	(5)	ANTHRO 2	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.

ANTHRO 2	Cultural Anthropology	(5)	ANTHRO 2	Cultural Anthropology	(3)
	<b>OR</b>			<b>OR</b>	
ECON 1A	Princ of Microecon	(4)	ECON 1B	Principles of Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 1A	Principles of Macroeconomics	(3)
HISTORY 4C	Western Civ	(4)	HIST 2	Western Civilization from 1648	(3)
	<b>OR</b>			<b>OR</b>	
HISTORY 10C	World History III	(4)	NO COMPARABLE COURSE		
POL SCI 2	Intro Comp Politics	(4)	POLSCI 5	Comparative Government	(3)
POL SCI 3	Internatl Relations	(4)	POLSCI 24	International Relations	(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 11	Elementary Statistics	(4)
	Same as: STATIST 13Y			<b>OR</b>	
	<b>OR</b>		STAT 7	Elementary Statistics	(4)
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE		
POL SCI 51	Scientific Study of Politics	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

**FOREIGN LANGUAGE: ONE OF THE FOLLOWING SERIES IN A SINGLE LANGUAGE, OR CERTIFIED FLUENCY AT THE HIGHEST LEVEL REQUIRED BELOW:**

Note: The language curricula are subject to change; please check with an advisor for the major. A language not listed below may be substituted **only with prior written approval of the International Relations Program Committee.**

ARABIC 1	Elementary Arabic	(5)	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 Beginning French (4)
FRENCH 2	Elementary French		(5)	FRENCH 1 & Beginning French (4)
				FRENCH 2 High-Beginning French (4)
FRENCH 3	Elementary French		(5)	FRENCH 2 High-Beginning French (4)
FRENCH 21	Intermed French		(5)	FRENCH 3 Intermediate French (4)
FRENCH 22	Intermed French		(5)	FRENCH 3 & Intermediate French (4)
				FRENCH 4 High-Intermediate (4)
				French
		<b>OR</b>		<b>OR</b>
GERMAN 1	Elementary German		(5)	GERMAN 1 Beginning German (4)
GERMAN 2	Elementary German		(5)	GERMAN 2 High-Beginning German (4)
GERMAN 3	Elementary German		(5)	GERMAN 3 Intermediate German (4)
GERMAN 20	Intermediate German		(4)	GERMAN 4 High-Intermediate (4)
				German
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)	NO COMPARABLE COURSE
ITALIAN 2	Elementary Italian		(5)	NO COMPARABLE COURSE
ITALIAN 3	Elementary Italian		(5)	NO COMPARABLE COURSE
ITALIAN 4	Interm Italian		(4)	NO COMPARABLE COURSE
ITALIAN 5	Interm Italian		(4)	NO COMPARABLE COURSE
		<b>OR</b>		<b>OR</b>
ITALIAN 1	Elementary Italian		(5)	NO COMPARABLE COURSE
ITALIAN 2	Elementary Italian		(5)	NO COMPARABLE COURSE
ITALIAN 3	Elementary Italian		(5)	NO COMPARABLE COURSE
ITALIAN 8A	Italian Convers		(3)	NO COMPARABLE COURSE
ITALIAN 8B	Italian Convers		(3)	NO COMPARABLE COURSE
		<b>OR</b>		<b>OR</b>
y)	JPNESE 1	Elem Japanese	(5)	NO COMPARABLE COURSE
y)	JPNESE 2	Elem Japanese	(5)	NO COMPARABLE COURSE
y)	JPNESE 3	Elem Japanese	(5)	NO COMPARABLE COURSE

y) JPNESE 4	Inter Japanese	(5)	NO COMPARABLE COURSE
y) JPNESE 5	Inter Japanese	(5)	NO COMPARABLE COURSE
y) JPNESE 6	Inter Japanese	(5)	NO COMPARABLE COURSE
<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)	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)	SPAN 1	Beginning Spanish (5)
SPANISH 2	Elementary Spanish	(5)	SPAN 1 &	Beginning Spanish (5)
			SPAN 2	High-Beginning Spanish (5)
SPANISH 3	Elementary Spanish	(5)	SPAN 2	High-Beginning Spanish (5)
SPANISH 21	Intm Spanish	(5)	SPAN 3 &	Intermediate Spanish (5)
			SPAN 4	High-Intermediate Spanish (5)
SPANISH 22	Intm Spanish	(5)	SPAN 3 &	Intermediate Spanish (5)
			SPAN 4	High-Intermediate Spanish (5)
<b>OR</b>			<b>OR</b>	
b) SPANISH 31	Int Span Nat Spk I	(5)	SPAN 4NS	Spanish for Spanish Speakers (4)
b) SPANISH 32	Int Span Nat Spk II	(5)	SPAN 4NS	Spanish for Spanish Speakers (4)
b) SPANISH 33	Int Span Nat Spk III	(5)	SPAN 4NS	Spanish for Spanish Speakers (4)

**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.**
- b) **If student takes SPAN 4NS at Clovis Community College, credit will be given for UC Davis's SPANISH 31+32 or 33**

====Italian A.B.====

**Special Advising Note:**

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

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

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

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

**College Foreign Language Requirement Note:**

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

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

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

ITALIAN 1	Elementary Italian	(5)	NO COMPARABLE COURSE
ITALIAN 2	Elementary Italian	(5)	NO COMPARABLE COURSE
ITALIAN 3	Elementary Italian	(5)	NO COMPARABLE COURSE
ITALIAN 4	Interm Italian	(4)	NO COMPARABLE COURSE
ITALIAN 5	Interm Italian	(4)	NO COMPARABLE COURSE
ITALIAN 9	Reading Italian	(4)	NO COMPARABLE COURSE

**RECOMMENDED: Study abroad in Italy for a period of one year, one semester, or one quarter, and/or the study of Latin or another Romance language.**

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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.

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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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y) JPNESE 1	Elem Japanese	(5)		NO COMPARABLE COURSE
y) JPNESE 2	Elem Japanese	(5)		NO COMPARABLE COURSE
y) JPNESE 3	Elem Japanese	(5)		NO COMPARABLE COURSE
y) JPNESE 4	Inter Japanese	(5)		NO COMPARABLE COURSE
y) JPNESE 5	Inter Japanese	(5)		NO COMPARABLE COURSE
y) JPNESE 6	Inter Japanese	(5)		NO COMPARABLE COURSE

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**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)		LING 10 Introduction to Language (3)
HISTORY 9B	East Asian Civ	(4)		NO COMPARABLE COURSE

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**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.

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**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.

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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 1	Public Speaking	(3)
			<u>OR</u>		
			COMM 1H	Honors Public Speaking	(3)

ENGLISH 3	Intro to Lit	(4)	ENGL 1B	Introduction to the Study of Literature	(3)
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OR

ENGL 1BH	Honors Introduction to the Study of Literature	(3)
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OR

UWRITING 1	Expository Writing	(4)	ENGL 1A	Reading and Composition	(4)
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OR

ENGL 1AH	Honors Reading and Composition	(4)
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OR

UWRITING 48	Style in the Essay Formerly UWRITING 18	(4)	ENGL 3	Critical Reading and Writing	(3)
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OR

ENGL 3H	Honors Critical Reading and Writing	(3)
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OR

UWRITING 49	Writing Research Papers Formerly UWRITING 19	(4)	NO COMPARABLE COURSE		
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BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 11A &	Biology for Science Majors I	(5)
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BIOL 11B	Biology for Science Majors 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 5A	Math Analysis I	(5)
STATIST 13	Elementary Statistics Same as: STATIST 13Y	(4)	MATH 11	Elementary Statistics	(4)

OR

STAT 7	Elementary Statistics	(4)
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ENG CS 32A	Intro to Programming(4) Formerly ENG CS 10	(4)	NO COMPARABLE COURSE		
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**ONE COURSE FROM THE FOLLOWING:**

CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 10	Concept of Chem	(4)	NO COMPARABLE COURSE		

PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
PHYSICS 10	Topics,Nonscientists	(4)	PHYS 10	Conceptual Physics	(4)

f) GEOLOGY 1	The Earth	(4)	GEOL 1	Physical Geology	(4)
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SOILSCI 10	Soils in Our Environment	(3)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
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LND ARC 1	Intro Environ Design	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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LND ARC 2	Place,Culture,Community	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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LND ARC 3	Sustainable Development	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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LND ARC 21	Landscape Rep I	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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Formerly Design Visualization			submitted course(s) for articulation
LND ARC 23	Landscape Rep II	(3)	NO COURSE ARTICULATED
LND ARC 30	History Environ Design	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
LND ARC 50	Site Ecology	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
LND ARC 60	Landform Grading Studio	(6)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
LND ARC 70	Intro to Spacemaking	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

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**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)**  
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**Two courses in Social Sciences selected from the UC Davis GE/Breadth Articulation Agreement TB: Social Sciences.**  
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**END OF MAJOR**

f) **If a student takes GEOL 1 at Clovis Community College, credit will be given for UC Davis's GEOLOGY 1 or 50+50L, 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.

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LINGUIS 1	Intro Linguistics	(4)	LING 10	Introduction to Language	(3)
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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 1	Public Speaking	(3)
			<u>OR</u>		
			COMM 1H	Honors Public Speaking	(3)
	<u>OR</u>			<u>OR</u>	
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	NO COMPARABLE COURSE		
AGRESEC 18	Business Law	(4)	BA 18	Business Law and the Legal Environment	(4)
ECON 1A	Princ of Microecon	(4)	ECON 1B	Principles of Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 1A	Principles of Macroeconomics	(3)
PL SCI 21	Computers in Technology	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	<u>OR</u>			<u>OR</u>	
B) ENG CS 15	Intro to Computers	(4)	IS 15	Computer Concepts	(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 4A &	Financial Accounting	(4)
			ACCTG 4B	Managerial Accounting	(4)
MGMT 11B	Elem Accounting	(4)	NO COMPARABLE COURSE		
MATH 16A	Short Calculus	(3)	MATH 5A	Math Analysis I	(5)
MATH 16B	Short Calculus	(3)	MATH 5B	Math Analysis II	(4)
MATH 16C	Short Calculus	(3)	MATH 5B	Math Analysis II	(4)
	<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 5A	Math Analysis I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Math Analysis II	(4)
STATIST 13	Elementary Statistics	(4)	MATH 11	Elementary Statistics	(4)
Same as: STATIST 13Y			<u>OR</u>		
			STAT 7	Elementary Statistics	(4)

**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.

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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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**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)		BIOL 11A	Biology for Science Majors I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL 11A &	Biology for Science Majors I	(5)
				BIOL 11B	Biology for Science Majors II	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOL 11B	Biology for Science Majors II	(5)

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CHEM 2A	Genl Chemistry	(5)		CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 1A &	General Chemistry	(5)
				CHEM 1B	General Chemistry and Qualitative Analysis	(5)
CHEM 2C	Genl Chemistry	(5)		CHEM 1B	General Chemistry and Qualitative Analysis	(5)

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MATH 16A	Short Calculus	(3)		MATH 5A	Math Analysis I	(5)
MATH 16B	Short Calculus	(3)		MATH 5B	Math Analysis II	(4)
MATH 16C	Short Calculus	(3)		MATH 5B	Math Analysis II	(4)
	<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 5A	Math Analysis I	(5)
MATH 21B	Calculus	(4)		MATH 5B	Math Analysis II	(4)
MATH 21C	Calculus	(4)		MATH 6	Math Analysis III	(5)

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PHYSICS 7A	General Physics	(4)		PHYS 2A &	General Physics I	(4)
				PHYS 2B	General Physics II	(4)
PHYSICS 7B	General Physics	(4)		PHYS 2A &	General Physics I	(4)
				PHYS 2B	General Physics II	(4)
PHYSICS 7C	General Physics	(4)		PHYS 2A &	General Physics I	(4)

|PHYS 2B      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>	
c) PHYSICS 9A	Classical Physics	(5)		PHYS 4A &	Physics for Scientists (4) and Engineers
				PHYS 4B &	Physics for Scientists (4) and Engineers
				PHYS 4C	Physics for Scientists (4) and Engineers
c) PHYSICS 9B	Classical Physics	(5)		PHYS 4A &	Physics for Scientists (4) and Engineers
				PHYS 4B &	Physics for Scientists (4) and Engineers
				PHYS 4C	Physics for Scientists (4) and Engineers
c) PHYSICS 9C	Classical Physics	(5)		PHYS 4A &	Physics for Scientists (4) and Engineers
				PHYS 4B &	Physics for Scientists (4) and Engineers
				PHYS 4C	Physics for Scientists (4) and Engineers

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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

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GEOLOGY 16      The Oceans      (3) | NO COURSE ARTICULATED: College has not  
submitted course(s) for articulation

**END OF MAJOR**

c) This articulation is "series for series" only.

====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.

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

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

BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 11A	Biology for Science Majors I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 11A &	Biology for Science Majors I	(5)
			BIOL 11B	Biology for Science Majors II	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 11B	Biology for Science Majors II	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry and Qualitative Analysis	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry and Qualitative Analysis	(5)
<b>AND</b>			<b>AND</b>		
CHEM 8A	Organic Chem-Brief	(2)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
CHEM 8B	Organic Chem-Brief	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	

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 5A	Math Analysis I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Math Analysis II	(4)

PHYSICS 7A	General Physics	(4)	PHYS 2A &	General Physics I	(4)
			PHYS 2B	General Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYS 2A &	General Physics I	(4)
			PHYS 2B	General Physics II	(4)
PHYSICS 7C	General Physics	(4)	PHYS 2A &	General Physics I	(4)
			PHYS 2B	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>		
c) PHYSICS 9A	Classical Physics	(5)	PHYS 4A &	Physics for Scientists and Engineers	(4)
			PHYS 4B &	Physics for Scientists	(4)

				PHYS 4C	and Engineers Physics for Scientists (4) and Engineers
c) PHYSICS 9B	Classical Physics	(5)		PHYS 4A &	Physics for Scientists (4) and Engineers
				PHYS 4B &	Physics for Scientists (4) and Engineers
				PHYS 4C	Physics for Scientists (4) and Engineers
c) PHYSICS 9C	Classical Physics	(5)		PHYS 4A &	Physics for Scientists (4) and Engineers
				PHYS 4B &	Physics for Scientists (4) and Engineers
				PHYS 4C	Physics for Scientists (4) and Engineers

**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**

c) This articulation is "series for series" only.

**====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.

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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)	BIOL 11A	Biology for Science Majors I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 11A &	Biology for Science Majors I	(5)
			BIOL 11B	Biology for Science Majors II	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 11B	Biology for Science Majors II	(5)
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CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry and Qualitative Analysis	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry and Qualitative Analysis	(5)
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MATH 16A	Short Calculus	(3)	MATH 5A	Math Analysis I	(5)
MATH 16B	Short Calculus	(3)	MATH 5B	Math Analysis II	(4)
MATH 16C	Short Calculus	(3)	MATH 5B	Math Analysis II	(4)
	<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 5A	Math Analysis I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Math Analysis II	(4)
MATH 21C	Calculus	(4)	MATH 6	Math Analysis III	(5)
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PHYSICS 7A	General Physics	(4)	PHYS 2A &	General Physics I	(4)
			PHYS 2B	General Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYS 2A &	General Physics I	(4)
			PHYS 2B	General Physics II	(4)
PHYSICS 7C	General Physics	(4)	PHYS 2A &	General Physics I	(4)
			PHYS 2B	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>	
c) PHYSICS 9A	Classical Physics	(5)	PHYS 4A &	Physics for Scientists and Engineers	(4)
			PHYS 4B &	Physics for Scientists and Engineers	(4)
			PHYS 4C	Physics for Scientists and Engineers	(4)
c) PHYSICS 9B	Classical Physics	(5)	PHYS 4A &	Physics for Scientists and Engineers	(4)
			PHYS 4B &	Physics for Scientists and Engineers	(4)
			PHYS 4C	Physics for Scientists and Engineers	(4)
c) PHYSICS 9C	Classical Physics	(5)	PHYS 4A &	Physics for Scientists and Engineers	(4)
			PHYS 4B &	Physics for Scientists and Engineers	(4)



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)	BIOL 11A	Biology for Science Majors I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 11A &	Biology for Science Majors I	(5)
			BIOL 11B	Biology for Science Majors II	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 11B	Biology for Science Majors II	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry and Qualitative Analysis	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry and Qualitative Analysis	(5)

MATH 16A	Short Calculus	(3)	MATH 5A	Math Analysis I	(5)
MATH 16B	Short Calculus	(3)	MATH 5B	Math Analysis II	(4)
MATH 16C	Short Calculus	(3)	MATH 5B	Math Analysis II	(4)
	<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 5A	Math Analysis I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Math Analysis II	(4)
MATH 21C	Calculus	(4)	MATH 6	Math Analysis III	(5)

PHYSICS 7A	General Physics	(4)	PHYS 2A &	General Physics I	(4)
			PHYS 2B	General Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYS 2A &	General Physics I	(4)
			PHYS 2B	General Physics II	(4)
PHYSICS 7C	General Physics	(4)	PHYS 2A &	General Physics I	(4)
			PHYS 2B	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>	
c) PHYSICS 9A	Classical Physics	(5)	PHYS 4A &	Physics for Scientists and Engineers	(4)
			PHYS 4B &	Physics for Scientists and Engineers	(4)

				PHYS 4C	Physics for Scientists (4)	
					and Engineers	
c) PHYSICS 9B	Classical Physics	(5)		PHYS 4A &	Physics for Scientists (4)	
					and Engineers	
				PHYS 4B &	Physics for Scientists (4)	
					and Engineers	
				PHYS 4C	Physics for Scientists (4)	
					and Engineers	
c) PHYSICS 9C	Classical Physics	(5)		PHYS 4A &	Physics for Scientists (4)	
					and Engineers	
				PHYS 4B &	Physics for Scientists (4)	
					and Engineers	
				PHYS 4C	Physics for Scientists (4)	
					and Engineers	

**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**

c) This articulation is "series for series" only.

====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 5A	Math Analysis I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Math Analysis II	(4)
MATH 21C	Calculus	(4)	MATH 6	Math Analysis 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		
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MATH 21D	Vector Analysis	(4)	MATH 6	Math Analysis III	(5)
MATH 22B	Differntl Equations	(3)	MATH 17	Differential Equations and Linear Algebra	(5)

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 17 Differential Equations (5) and Linear Algebra

**AND**

**AND**

MATH 108 Intro Abstract Math (4) | This course must be taken at UC Davis

**OR SELECT THE FOLLOWING COURSE:**

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

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ENG CS 32A Intro to Programming(4) | NO COMPARABLE COURSE  
Formerly ENG CS 10

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

**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-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 5A	Math Analysis I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Math Analysis II	(4)
MATH 21C	Calculus	(4)	MATH 6	Math Analysis III	(5)
MATH 21D	Vector Analysis	(4)	MATH 6	Math Analysis III	(5)
MATH 22B	Differntl Equations	(3)	MATH 17	Differential Equations (5) and Linear Algebra	
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 17	Differential Equations (5) and Linear Algebra	
<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) Formerly ENG CS 10		NO COMPARABLE COURSE		
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**OR**

**OR**

ENGIN 6	Engr Prob Solving	(4)	NO COMPARABLE COURSE		
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ECON 1A	Princ of Microecon	(4)	ECON 1B	Principles of Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 1A	Principles of Macroeconomics	(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 5A	Math Analysis I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Math Analysis II	(4)

MATH 21C	Calculus	(4)	MATH 6	Math Analysis III	(5)
MATH 21D	Vector Analysis	(4)	MATH 6	Math Analysis III	(5)
MATH 22B	Differntl Equations	(3)	MATH 17	Differential Equations and Linear Algebra	(5)
MATH 22AL	Lin Alg Comp Lab	(1)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation <b>or equivalent basic knowledge of MATLAB.</b>		

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 17	Differential Equations and Linear Algebra	(5)
<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 Formerly ENG CS 10	(4)	NO COMPARABLE COURSE		
<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

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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 5A	Math Analysis I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Math Analysis II	(4)
MATH 21C	Calculus	(4)	MATH 6	Math Analysis III	(5)
MATH 21D	Vector Analysis	(4)	MATH 6	Math Analysis III	(5)
MATH 22B	Differntl Equations	(3)	MATH 17	Differential Equations and Linear Algebra	(5)
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 17	Differential Equations (5) and Linear Algebra
<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) Formerly ENG CS 10		NO COMPARABLE COURSE
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**OR**

**OR**

ENGIN 6	Engr Prob Solving	(4)	NO COMPARABLE COURSE
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**Please note that the community college's computer science courses may not be identical to UC Davis courses. Community college students, upon transfer to UC Davis, may need to make up any topic or language deficiencies.**

**PLAN 1: GENERAL MATHEMATICS**

c) PHYSICS 9A	Classical Physics	(5)	PHYS 4A &	Physics for Scientists (4) and Engineers
			PHYS 4B &	Physics for Scientists (4) and Engineers
			PHYS 4C	Physics for Scientists (4) and Engineers

**PLAN 2: MATHEMATICS FOR SECONDARY TEACHING**

PHYSICS 7A	General Physics	(4)	PHYS 2A &	General Physics I (4)
			PHYS 2B	General Physics II (4)

**OR**

**OR**

c) PHYSICS 9A	Classical Physics	(5)	PHYS 4A &	Physics for Scientists (4) and Engineers
			PHYS 4B &	Physics for Scientists (4) and Engineers
			PHYS 4C	Physics for Scientists (4) and Engineers

**OR**

**OR**

STATIST 13	Elementary Statistics	(4)	MATH 11	Elementary Statistics (4)
Same as: STATIST 13Y			<b>OR</b>	

**OR**

**OR**

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

c) This articulation is "series for series" only.

**====Mechanical Engineering B.S.====**

**Special Advising Note:**

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

**IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:**



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

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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 5 & Art History 1	(3)
				ART 6 Art History 2	(3)
				<b>OR</b>	
				ART 5 & Art History 1	(3)
ARTHI 1C	Baroque to Modern Art	(4)		ART 6H Honors Art History 2	(3)
				ART 6 Art History 2	(3)
				<b>OR</b>	
	ART 6H Honors Art History 2	(3)			
ARTHI 1E	Islamic Art & Architecture	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
COMPLIT 2	Major Books-Middle Ages to Enlightenment	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
COMPLIT 10A	Master Authors	(2)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
COMPLIT 10B	Master Authors	(2)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
COMPLIT 10C	Master Authors	(2)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
COMPLIT 10D	Master Authors	(2)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
COMPLIT 10E	Master Authors	(2)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
ENGLISH 10A	Literatures in English I: To 1700	(4)		ENGL 46A English Literature to 1800	(3)
GERMAN 48	Myth & Saga	(4)		NO COMPARABLE COURSE	
HISTORY 4A	Western Civ	(4)		NO COMPARABLE COURSE	
HISTORY 4B	Western Civ	(4)		HIST 1 & Western Civilization to 1648	(3)
				HIST 2 Western Civilization from 1648	(3)
HUMAN 1	Humanities Forum	(2)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
HUMAN 9	Don Quixote	(2)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
PHILOS 21	Phil Classics: Ancient	(4)		NO COMPARABLE COURSE	
PHILOS 22	Phil Classics: Modern	(4)		NO COMPARABLE COURSE	

**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.

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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)	BIOL 11A	Biology for Science Majors I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 11A & BIOL 11B	Biology for Science Majors I	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 11B	Biology for Science Majors II	(5)

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

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CHEM 8A	Organic Chem-Brief	(2)	NO COURSE ARTICULATED:	College has not submitted course(s)for articulation	
CHEM 8B	Organic Chem-Brief	(4)	NO COURSE ARTICULATED:	College has not submitted course(s)for articulation	
	<b>OR</b>			<b>OR</b>	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 28A & CHEM 29A	Organic Chemistry I Laboratory I	(3)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 28A & CHEM 29A	Organic Chemistry I Laboratory I	(3)

			CHEM 28B &	Organic Chemistry II	(3)
			CHEM 29B	Organic Chemistry Laboratory II	(2)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 28B &	Organic Chemistry II	(3)
			CHEM 29B	Organic Chemistry Laboratory II	(2)

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 5A	Math Analysis I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Math Analysis II	(4)

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)	PHYS 2A &	General Physics I	(4)
			PHYS 2B	General Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYS 2A &	General Physics I	(4)
			PHYS 2B	General Physics II	(4)
PHYSICS 7C	General Physics	(4)	PHYS 2A &	General Physics I	(4)
			PHYS 2B	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.

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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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BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 11A	Biology for Science Majors I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 11A &	Biology for Science Majors I	(5)
			BIOL 11B	Biology for Science Majors II	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 11B	Biology for Science Majors II	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry and	(5)
				Qualitative Analysis	
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry and	(5)
				Qualitative Analysis	
CHEM 8A	Organic Chem-Brief	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 8B	Organic Chem-Brief	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 28A &	Organic Chemistry I	(3)
			CHEM 29A	Organic Chemistry	(2)
				Laboratory I	
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 28A &	Organic Chemistry I	(3)
			CHEM 29A &	Organic Chemistry	(2)
				Laboratory I	
			CHEM 28B &	Organic Chemistry II	(3)
			CHEM 29B	Organic Chemistry	(2)
				Laboratory II	
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 28B &	Organic Chemistry II	(3)
			CHEM 29B	Organic Chemistry	(2)
				Laboratory II	
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 5A	Math Analysis I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Math Analysis II	(4)
PHYSICS 7A	General Physics	(4)	PHYS 2A &	General Physics I	(4)
			PHYS 2B	General Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYS 2A &	General Physics I	(4)
			PHYS 2B	General Physics II	(4)
PHYSICS 7C	General Physics	(4)	PHYS 2A &	General Physics I	(4)
			PHYS 2B	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.

MIC BIO 91	Intro Research	(1)	NO COURSE ARTICULATED		
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**RECOMMENDED:**

MATH 21C	Calculus	(4)	MATH 6	Math Analysis III	(5)
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**END OF MAJOR**

====Middle East/South Asia Studies A.B.====

**Special Advising Note:**

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



reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). 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 6	Intro to Middle East	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HISTORY 8	Indian Civilization	(4)	NO COMPARABLE COURSE

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**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

OR

OR

HEBREW 1	Elem Hebrew	(5)	NO COMPARABLE COURSE
HEBREW 2	Elem Hebrew	(5)	NO COMPARABLE COURSE
HEBREW 3	Elem Hebrew	(5)	NO COMPARABLE COURSE
HEBREW 21	Intermed Modern Hebrew I	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HEBREW 22	Intermed Modern Hebrew II	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HEBREW 23	Intermed Modern Hebrew III	(4)	NO COURSE ARTICULATED
	<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

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**OTHER MIDDLE EAST/SOUTH ASIA STUDIES REGIONAL LANGUAGES ACCEPTED WITH PETITION.**  
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**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

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**END OF MAJOR**

**====Music 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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**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:**

**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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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)	CREDIT TO BE DETERMINED BY UC DAVIS MUSIC DEPARTMENT'S PLACEMENT EXAMS.
MUSIC 6B	Elementary Theory	(3)	CREDIT TO BE DETERMINED BY UC DAVIS MUSIC DEPARTMENT'S PLACEMENT EXAMS.
MUSIC 6C	Elementary Theory	(3)	CREDIT TO BE DETERMINED BY UC DAVIS MUSIC DEPARTMENT'S PLACEMENT EXAMS.
MUSIC 7A	Intermediate Theory	(3)	CREDIT TO BE DETERMINED BY UC DAVIS MUSIC DEPARTMENT'S PLACEMENT EXAMS.
MUSIC 7B	Intermediate Theory	(3)	CREDIT TO BE DETERMINED BY UC DAVIS MUSIC DEPARTMENT'S PLACEMENT EXAMS.
MUSIC 7C	Intermediate Theory	(3)	CREDIT TO BE DETERMINED BY UC DAVIS MUSIC DEPARTMENT'S PLACEMENT EXAMS.

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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)	NO COMPARABLE COURSE
MUSIC 24B	Intro Music History	(3)	NO COMPARABLE COURSE
MUSIC 24C	Intro Music History	(3)	NO COMPARABLE COURSE

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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.

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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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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

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**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

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**ONE OR TWO COURSES FROM:**

AF-AMST 12	Intro Afro Studies	(4)	NO COMPARABLE COURSE
AF-AMST 52	Afr Tradit Relig	(4)	NO COMPARABLE COURSE
ANTHRO 2	Cultural Anthropology	(5)	ANTHRO 2 Cultural Anthropology (3)
ANTHRO 20	Comparative Cultures	(4)	NO COMPARABLE COURSE
ANTHRO 24	Ancient Crops and People	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
A A STD 1	Hist Exp Asian Am	(4)	NO COMPARABLE COURSE
A A STD 2	Contemp Issues of Asian Americans	(4)	NO 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 COMPARABLE COURSE
CHICANO 21	Hlth Care Issues	(4)	NO COMPARABLE COURSE
CHICANO 23	Qualitative Research Methods	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
COMPLIT 25	Ethnic Writers	(4)	NO 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 COMPARABLE COURSE
<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)	HIST 11 History of the United (3)

LINGUIS 1	Intro Linguistics	(4)	LING 10	States to 1877 Introduction to Language	(3)
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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.

-----  
**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:**

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BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 11A	Biology for Science Majors I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 11A &	Biology for Science Majors I	(5)
			BIOL 11B	Biology for Science Majors II	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 11B	Biology for Science Majors II	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry and Qualitative Analysis	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry and Qualitative Analysis	(5)

CHEM 8A	Organic Chem-Brief	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
CHEM 8B	Organic Chem-Brief	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
	<b>OR</b>			<b>OR</b>	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 28A &	Organic Chemistry I	(3)
			CHEM 29A	Organic Chemistry Laboratory I	(2)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 28A &	Organic Chemistry I	(3)
			CHEM 29A &	Organic Chemistry Laboratory I	(2)
			CHEM 28B &	Organic Chemistry II	(3)
			CHEM 29B	Organic Chemistry	(2)

CHEM 118C	Org Chem, Hlth & Sci	(4)	Laboratory II	
			CHEM 28B &	Organic Chemistry II (3)
			CHEM 29B	Organic Chemistry (2)
				Laboratory 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 5A	Math Analysis I (5)
MATH 21B	Calculus	(4)	MATH 5B	Math Analysis II (4)

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PHYSICS 7A	General Physics	(4)	PHYS 2A &	General Physics I (4)
			PHYS 2B	General Physics II (4)
PHYSICS 7B	General Physics	(4)	PHYS 2A &	General Physics I (4)
			PHYS 2B	General Physics II (4)
PHYSICS 7C	General Physics	(4)	PHYS 2A &	General Physics I (4)
			PHYS 2B	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.

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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](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.

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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)		BIOL 11A	Biology for Science Majors I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL 11A <b>&amp;</b>	Biology for Science Majors I	(5)
				BIOL 11B	Biology for Science Majors II	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOL 11B	Biology for Science Majors II	(5)

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CHEM 2A	Genl Chemistry	(5)		CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 1A <b>&amp;</b>	General Chemistry	(5)
				CHEM 1B	General Chemistry and Qualitative Analysis	(5)
CHEM 2C	Genl Chemistry	(5)		CHEM 1B	General Chemistry and	(5)

Qualitative Analysis

CHEM 8A	Organic Chem-Brief	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHEM 8B	Organic Chem-Brief	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
<b>OR</b>			
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 28A & Organic Chemistry I (3) CHEM 29A & Organic Chemistry Laboratory I (2)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 28A & Organic Chemistry I (3) CHEM 29A & Organic Chemistry Laboratory I (2) CHEM 28B & Organic Chemistry II (3) CHEM 29B & Organic Chemistry Laboratory II (2)
<b>OR</b>			
CHEM 128A	Organic Chemistry	(3)	CHEM 28A Organic Chemistry I (3)
CHEM 128B	Organic Chemistry	(3)	CHEM 28A & Organic Chemistry I (3) CHEM 28B Organic Chemistry II (3)
CHEM 129A	Organic Chem Lab	(2)	CHEM 29A Organic Chemistry Laboratory I (2)

NUTR 10	Discoveries and Concepts	(3)	FN 40 Nutrition (3)
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PSYCH 41	Research Methods	(4)	PSY 45 Introduction to Research Methods in Psychology (3)
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<b>OR</b>			
SOCIOL 46A	Intro Social Rsch	(4)	NO COMPARABLE COURSE

**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 (3)
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<b>OR</b>			
PSYCH 1	General Psychology	(4)	PSY 2 General Psychology (3)

<b>OR</b>			
			PSY 2H Honors General Psychology (3)

<b>OR</b>			
SOCIOL 1	Intro Sociology	(5)	SOC 1A Introduction to Sociology (3)

<b>OR</b>			
SOCIOL 3	Social Problems	(4)	NO COMPARABLE COURSE

MATH 16A	Short Calculus	(3)	MATH 5A Math Analysis I (5)
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MATH 16B	Short Calculus	(3)	MATH 5B Math Analysis II (4)
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PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE
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PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE
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**NUTRITION IN PUBLIC HEALTH OPTION:**

ANTHRO 2	Cultural Anthropology	(5)	ANTHRO 2 Cultural Anthropology (3)
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<b>OR</b>			
SOCIOL 1	Intro Sociology	(5)	SOC 1A Introduction to Sociology (3)

<b>OR</b>			
SOCIOL 3	Social Problems	(4)	NO COMPARABLE COURSE

ECON 1A	Princ of Microecon	(4)	ECON 1B Principles of Microeconomics (3)
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ECON 1B	Princ of Macroecon	(4)	ECON 1A	Principles of Macroeconomics	(3)
PSYCH 1	General Psychology	(4)	PSY 2	General Psychology	(3)
			<u>OR</u>		
			PSY 2H	Honors General Psychology	(3)

**LOWER-DIVISION ELECTIVES BY AREA FOR THE NUTRITION IN PUBLIC HEALTH OPTION:**

Agricultural and Health Policy Area:

AGRESEC 15	Pop, Envr, World Agri	(4)	NO COMPARABLE COURSE		
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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		

Natural and Applied Sciences Area:

CM&RGDE 20	Food Systems	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
PHILOS 15	Intro to Bioethics	(4)	NO COMPARABLE COURSE		
SCI&SOC 2	Feeding the Planet	(3)	NO COMPARABLE COURSE		

**END OF MAJOR**

**====Pharmaceutical Chemistry B.S.====**

**Special Advising Note:**

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is highly recommended that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. See the [UC Transfer Admission website](#) for details. UC Davis requires that students complete the minimum transfer admission requirement by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

**Special Advising Note for future applicants:\***

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

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

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

(IB) Higher Level examinations may satisfy UC course equivalents).

- Chemistry 2A/B/C or Chemistry 2AH/BH/CH
- Chemistry 118 A/B/C or Chemistry 128A/B/C, 129A/B/C
- Mathematics 21A/B/C/D
- Mathematics 16A/B/C or Mathematics 17A/B/C or Mathematics 21A/B/C

We strongly recommend that you complete courses comparable to the following UC Davis courses with C or better grades before matriculating to UC Davis. Completion of these courses will help you move more efficiently toward graduation:

- Physics 7A/B/C or Physics 9A/B/C
- Biological Sciences 2A
- Biological Sciences 2B or 2C
- Statistics 13 or 32

\*Information for future applicants is subject to change

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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 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry and	(5)
				Qualitative Analysis	
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry and	(5)
				Qualitative Analysis	
	<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)	PHYS 2A &	General Physics I	(4)
			PHYS 2B	General Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYS 2A &	General Physics I	(4)
			PHYS 2B	General Physics II	(4)
PHYSICS 7C	General Physics	(4)	PHYS 2A &	General Physics I	(4)

|PHYS 2B 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>	
c) PHYSICS 9A	Classical Physics	(5)		PHYS 4A &	Physics for Scientists and Engineers (4)
				PHYS 4B &	Physics for Scientists and Engineers (4)
				PHYS 4C	Physics for Scientists and Engineers (4)
c) PHYSICS 9B	Classical Physics	(5)		PHYS 4A &	Physics for Scientists and Engineers (4)
				PHYS 4B &	Physics for Scientists and Engineers (4)
				PHYS 4C	Physics for Scientists and Engineers (4)
c) PHYSICS 9C	Classical Physics	(5)		PHYS 4A &	Physics for Scientists and Engineers (4)
				PHYS 4B &	Physics for Scientists and Engineers (4)
				PHYS 4C	Physics for Scientists and Engineers (4)

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MATH 16A	Short Calculus	(3)		MATH 5A	Math Analysis I (5)
MATH 16B	Short Calculus	(3)		MATH 5B	Math Analysis II (4)
MATH 16C	Short Calculus	(3)		MATH 5B	Math Analysis II (4)

	<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 5A	Math Analysis I (5)
MATH 21B	Calculus	(4)		MATH 5B	Math Analysis II (4)
MATH 21C	Calculus	(4)		MATH 6	Math Analysis III (5)

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BIOLSCI 2A	Intro Biology: Life on Earth	(5)		BIOL 11A	Biology for Science Majors I (5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL 11A &	Biology for Science Majors I (5)
				BIOL 11B	Biology for Science Majors II (5)
	<b>OR</b>			<b>OR</b>	
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOL 11B	Biology for Science Majors II (5)

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STATIST 13	Elementary Statistics	(4)		MATH 11	Elementary Statistics (4)
Same as: STATIST 13Y				<b>OR</b>	
				STAT 7	Elementary Statistics (4)
	<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 28A &	Organic Chemistry I (3)
				CHEM 29A	Organic Chemistry Laboratory I (2)
CHEM 118B	Org Chem, Hlth & Sci	(4)		CHEM 28A &	Organic Chemistry I (3)

			CHEM 29A	&	Organic Chemistry Laboratory I	(2)
			CHEM 28B	&	Organic Chemistry II	(3)
			CHEM 29B		Organic Chemistry Laboratory II	(2)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 28B	&	Organic Chemistry II	(3)
			CHEM 29B		Organic Chemistry Laboratory II	(2)
					<b>OR</b>	
CHEM 128A	Organic Chemistry	(3)	CHEM 28A		Organic Chemistry I	(3)
CHEM 128B	Organic Chemistry	(3)	CHEM 28A	&	Organic Chemistry I	(3)
			CHEM 28B		Organic Chemistry II	(3)
CHEM 128C	Organic Chemistry	(3)	CHEM 28B		Organic Chemistry II	(3)
CHEM 129A	Organic Chem Lab	(2)	CHEM 29A		Organic Chemistry Laboratory I	(2)
CHEM 129B	Organic Chem Lab	(2)	CHEM 29A	&	Organic Chemistry Laboratory I	(2)
			CHEM 29B		Organic Chemistry Laboratory II	(2)
CHEM 129C	Organic Chem Lab	(2)	CHEM 29B		Organic Chemistry Laboratory II	(2)

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**END OF MAJOR**

c) **This articulation is "series for series" only.**

====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:**

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**GENERAL EMPHASIS:**

PHILOS 12 Intro to Symbol Logic (4) | PHIL 6 Symbolic Logic (3)

**AND ONE COURSE FROM ANY THREE OF THE FOLLOWING AREAS****a. GENERAL PHILOSOPHY**

PHILOS 1 Intro to Philos (4) | PHIL 1 Introduction to Philosophy (3)

**b. ANCIENT PHILOSOPHY**

PHILOS 21 Phil Classics: Ancient (4) | NO COMPARABLE COURSE

**c. EARLY MODERN PHILOSOPHY**

PHILOS 22 Phil Classics: Modern (4) | NO COMPARABLE COURSE

**d. PHILOSOPHY OF MIND**

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

**e. ETHICS:**

PHILOS 14 Eth Soc Prob in Soc (4) | NO COMPARABLE COURSE  
OR  
PHILOS 15 Intro to Bioethics (4) | NO COMPARABLE COURSE  
OR  
PHILOS 24 Intro to Ethics (4) | PHIL 1C Ethics (3)

**f. PHILOSOPHY OF SCIENCE**

PHILOS 30 Intro Philos of Sci (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation  
OR  
PHILOS 31 Scientific Reason (4) | NO COMPARABLE COURSE  
OR  
PHILOS 32 Scientific Change (4) | NO COMPARABLE COURSE  
OR  
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

**PRE-LAW EMPHASIS**

**ONE COURSE FROM THE FOLLOWING:**

PHILOS 14 Eth Soc Prob in Soc (4) |NO COMPARABLE COURSE  
PHILOS 15 Intro to Bioethics (4) |NO COMPARABLE COURSE  
PHILOS 16 Phil Foundations of Amer Democ (4) |NO COURSE ARTICULATED: College has not submitted course(s)for articulation

**ALL OF THE FOLLOWING COURSES:**

PHILOS 5 Critical Reasoning (4) |PHIL 2 Critical Reasoning and Analytic Writing (3)  
PHILOS 12 Intro to Symbol Logic (4) |PHIL 6 Symbolic Logic (3)  
PHILOS 24 Intro to Ethics (4) |PHIL 1C Ethics (3)

**PRE-MED EMPHASIS:**

**ONE COURSE FROM THE FOLLOWING:**

PHILOS 24 Intro to Ethics (4) |PHIL 1C 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 COMPARABLE COURSE  
PHILOS 32 Scientific Change (4) |NO COMPARABLE COURSE

**ALL OF THE FOLLOWING COURSES:**

PHILOS 12 Intro to Symbol Logic (4) |PHIL 6 Symbolic Logic (3)  
PHILOS 15 Intro to Bioethics (4) |NO COMPARABLE COURSE  
PHILOS 38 Intro Philos of Biol (4) |NO COURSE ARTICULATED: College has not submitted course(s) for articulation

**END OF MAJOR**

**====Physics A.B.====**

**Special Advising Note:**

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

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

**Special Advising Note for future applicants:\***

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

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

Strive to achieve your highest possible GPA in order to be most competitive.



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

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

\*Information for future applicants is subject to change

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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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c) PHYSICS 9A	Classical Physics	(5)	PHYS 4A &	Physics for Scientists and Engineers	(4)
			PHYS 4B &	Physics for Scientists and Engineers	(4)
			PHYS 4C	Physics for Scientists and Engineers	(4)
c) PHYSICS 9B	Classical Physics	(5)	PHYS 4A &	Physics for Scientists and Engineers	(4)
			PHYS 4B &	Physics for Scientists and Engineers	(4)
			PHYS 4C	Physics for Scientists and Engineers	(4)

c) PHYSICS 9C	Classical Physics	(5)	PHYS 4A &	Physics for Scientists and Engineers	(4)
			PHYS 4B &	Physics for Scientists and Engineers	(4)
			PHYS 4C	Physics for Scientists and Engineers	(4)
PHYSICS 9D	Modern Physics	(4)	NO COMPARABLE COURSE		
	<b>OR</b>		<b>OR</b>		
PHYSICS 9HA	Honors Physics	(5)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
PHYSICS 9HB	Honors Physics	(5)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
PHYSICS 9HC	Honors Physics	(5)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
PHYSICS 9HD	Honors Physics	(5)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
PHYSICS 9HE	Honors Physics	(5)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
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MATH 21A	Calculus	(4)	MATH 5A	Math Analysis I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Math Analysis II	(4)
MATH 21C	Calculus	(4)	MATH 6	Math Analysis III	(5)
MATH 21D	Vector Analysis	(4)	MATH 6	Math Analysis III	(5)
MATH 22A	Linear Algebra	(3)	MATH 17	Differential Equations and Linear Algebra	(5)
MATH 22B	Differntl Equations	(3)	MATH 17	Differential Equations and Linear Algebra	(5)
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PHYSICS 80	Experimental Techniques	(4)	NO COURSE ARTICULATED		
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**END OF MAJOR**

c) This articulation is "series for series" only.

**====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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c) PHYSICS 9A	Classical Physics	(5)	PHYS 4A &	Physics for Scientists and Engineers	(4)
			PHYS 4B &	Physics for Scientists and Engineers	(4)
			PHYS 4C	Physics for Scientists and Engineers	(4)
c) PHYSICS 9B	Classical Physics	(5)	PHYS 4A &	Physics for Scientists and Engineers	(4)
			PHYS 4B &	Physics for Scientists and Engineers	(4)
			PHYS 4C	Physics for Scientists and Engineers	(4)
c) PHYSICS 9C	Classical Physics	(5)	PHYS 4A &	Physics for Scientists and Engineers	(4)
			PHYS 4B &	Physics for Scientists and Engineers	(4)

			PHYS 4C	Physics for Scientists and Engineers	(4)
PHYSICS 9D	Modern Physics	(4)	NO COMPARABLE COURSE		
	<b>OR</b>		<b>OR</b>		
PHYSICS 9HA	Honors Physics	(5)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
PHYSICS 9HB	Honors Physics	(5)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
PHYSICS 9HC	Honors Physics	(5)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
PHYSICS 9HD	Honors Physics	(5)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
PHYSICS 9HE	Honors Physics	(5)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
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MATH 21A	Calculus	(4)	MATH 5A	Math Analysis I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Math Analysis II	(4)
MATH 21C	Calculus	(4)	MATH 6	Math Analysis III	(5)
MATH 21D	Vector Analysis	(4)	MATH 6	Math Analysis III	(5)
MATH 22A	Linear Algebra	(3)	MATH 17	Differential Equations and Linear Algebra	(5)
MATH 22B	Differntl Equations	(3)	MATH 17	Differential Equations and Linear Algebra	(5)
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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 Astronomy & Astrophy	(4)	NO COMPARABLE COURSE
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**END OF MAJOR**

c) This articulation is "series for series" only.

====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.

**College Foreign Language Requirement Note:**

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

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 11A	Biology for Science Majors I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 11A &	Biology for Science Majors I	(5)
			BIOL 11B	Biology for Science Majors II	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 11B	Biology for Science Majors II	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry and Qualitative Analysis	(5)
CHEM 8A	Organic Chem-Brief	(2)	NO COURSE	ARTICULATED: College has not submitted course(s)for articulation	
CHEM 8B	Organic Chem-Brief	(4)	NO COURSE	ARTICULATED: College has not submitted course(s)for articulation	
STATIST 13	Elementary Statistics	(4)	MATH 11	Elementary Statistics	(4)
Same as: STATIST 13Y			<u>OR</u>		
			STAT 7	Elementary Statistics	(4)

**RECOMMENDED COURSES:**

CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry and Qualitative Analysis	(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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**Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:**

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

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BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 11A	Biology for Science Majors I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 11A &	Biology for Science Majors I	(5)
			BIOL 11B	Biology for Science Majors II	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 11B	Biology for Science Majors II	(5)

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CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry and Qualitative Analysis	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry and Qualitative Analysis	(5)

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CHEM 8A	Organic Chem-Brief	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 8B	Organic Chem-Brief	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	<b>OR</b>			<b>OR</b>	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 28A &	Organic Chemistry I	(3)
			CHEM 29A	Organic Chemistry Laboratory I	(2)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 28A &	Organic Chemistry I	(3)
			CHEM 29A &	Organic Chemistry Laboratory I	(2)
			CHEM 28B &	Organic Chemistry II	(3)
			CHEM 29B	Organic Chemistry Laboratory II	(2)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 28B &	Organic Chemistry II	(3)
			CHEM 29B	Organic Chemistry Laboratory II	(2)

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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 5A	Math Analysis I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Math Analysis II	(4)

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PHYSICS 7A	General Physics	(4)		PHYS 2A	&	General Physics I	(4)
				PHYS 2B		General Physics II	(4)
PHYSICS 7B	General Physics	(4)		PHYS 2A	&	General Physics I	(4)
				PHYS 2B		General Physics II	(4)
PHYSICS 7C	General Physics	(4)		PHYS 2A	&	General Physics I	(4)
				PHYS 2B		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.

**RECOMMENDED COURSES:**

BIOLSCI 20Q	Modeling in Biology	(2)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation			
MATH 21C	Calculus	(4)		MATH 6		Math Analysis III	(5)

**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.

**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.

**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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BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 11A	Biology for Science Majors I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 11A &	Biology for Science Majors I	(5)
			BIOL 11B	Biology for Science Majors 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 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry and Qualitative Analysis	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry and Qualitative Analysis	(5)
CHEM 8A	Organic Chem-Brief	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 8B	Organic Chem-Brief	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	<b>OR</b>			<b>OR</b>	

CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 28A &	Organic Chemistry I	(3)
			CHEM 29A	Organic Chemistry Laboratory I	(2)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 28A &	Organic Chemistry I	(3)
			CHEM 29A &	Organic Chemistry Laboratory I	(2)
			CHEM 28B &	Organic Chemistry II	(3)
			CHEM 29B	Organic Chemistry Laboratory II	(2)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 28B &	Organic Chemistry II	(3)
			CHEM 29B	Organic Chemistry Laboratory II	(2)

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MATH 16A	Short Calculus	(3)	MATH 5A	Math Analysis I	(5)
MATH 16B	Short Calculus	(3)	MATH 5B	Math Analysis II	(4)
	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		

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PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE		
	OR			OR	
PHYSICS 7A	General Physics	(4)	PHYS 2A &	General Physics I	(4)
			PHYS 2B	General Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYS 2A &	General Physics I	(4)
			PHYS 2B	General Physics II	(4)
PHYSICS 7C	General Physics	(4)	PHYS 2A &	General Physics I	(4)
			PHYS 2B	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.

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

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**COURSES FOR THE CROP PRODUCTION OPTION:**

ECON 1A	Princ of Microecon	(4)	ECON 1B	Principles of Microeconomics	(3)
	OR			OR	
AGRESEC 15	Pop, Envr, World Agri	(4)	NO COMPARABLE COURSE		

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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](#). 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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POL SCI 1	Amer Natl Govt	(4)		POLSCI 2	American Government	(3)
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**THREE COURSES FROM THE FOLLOWING:**

POL SCI 2	Intro Comp Politics	(4)		POLSCI 5	Comparative Government	(3)
POL SCI 3	Internatl Relations	(4)		POLSCI 24	International Relations	(3)
POL SCI 4	Bas Cnpt/Pol Thry	(4)		NO COMPARABLE COURSE		
POL SCI 5	Probs/Am Pol Sys	(4)		NO COMPARABLE COURSE		
POL SCI 7	Law & Politics	(4)		NO COMPARABLE COURSE		

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POL SCI 51	Scientific Study of Politics	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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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 11	Elementary Statistics	(4)
	Same as: STATIST 13Y			<u>OR</u>		
				STAT 7	Elementary Statistics	(4)
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:**

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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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**THREE COURSES FROM THE FOLLOWING:**

POL SCI 1	Amer Natl Govt	(4)		POLSCI 2	American Government	(3)
POL SCI 2	Intro Comp Politics	(4)		POLSCI 5	Comparative Government	(3)
POL SCI 3	Internatl Relations	(4)		POLSCI 24	International Relations	(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)		POLSCI 2	American Government	(3)
POL SCI 2	Intro Comp Politics	(4)		POLSCI 5	Comparative Government	(3)
POL SCI 3	Internatl Relations	(4)		POLSCI 24	International	(3)

			Relations
POL SCI 4	Bas Cnpt/Pol Thry	(4)	NO COMPARABLE COURSE
POL SCI 5	Probs/Am Pol Sys	(4)	NO COMPARABLE COURSE
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 submitted course(s) for articulation
POL SCI 11C	Politics & Film	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
POL SCI 11D	Political Persuasion	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
POL SCI 12A	Politics & Sports	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
POL SCI 12B	Climate Chg & Politics	(4)	
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POL SCI 51	Scientific Study of Politics	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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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			
OR			OR
STATIST 13	Elementary Statistics	(4)	MATH 11 Elementary Statistics (4)
Same as: STATIST 13Y			OR
			STAT 7 Elementary Statistics (4)
OR			OR
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE

**END OF MAJOR**

**====Psychology A.B.====**

**Special Advising Note:**

**REQUIREMENTS FOR ADMISSION:**

(for 2019-20)

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

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.90 for the course group. It is recommended that candidates have a cumulative GPA of at least 2.90 for courses in the group below that have been completed by the time of application and maintain the GPA through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

Psychology 1;

Statistics 13;

One of these two options:

Biological Sciences 2A,

or

\*Biological Sciences 10 and one course from:

Anthropology 1 or

Molecular and Cellular Biology 10 or

Neurobiology, Physiology and Behavior 10

Applicants to psychology apply to the major, without reference to A.B. or B.S. degrees or emphases, which are chosen after enrollment at UC Davis. Transfer students are advised that although requirements for admission (listed above) in the psychology major are the same for the A.B. and B.S. degree options, lower-division preparation for graduation in the major may vary based on the degree and emphasis. Students are encouraged to view coursework for the A.B. degree and the B.S. degree with available biological and quantitative emphases.

Although not required for admission selection to the psychology major, it is highly recommended that students planning for a B.S. degree in psychology complete courses comparable to the UC Davis chemistry courses that apply to the student's degree and emphasis before enrolling at UC Davis.

\*Students planning for a B.S. degree in psychology with biological emphasis are encouraged to complete Biological Sciences 2A rather than Biological Sciences 10. Also, although only one biological sciences course is required for admission, students interested in pursuing a B.S. degree with biological emphasis are encouraged to complete the recommended courses shown on ASSIST.

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

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

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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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PSYCH 1	General Psychology	(4)	PSY 2	General Psychology	(3)
			<b>OR</b>		
			PSY 2H	Honors General Psychology	(3)
PSYCH 41	Research Methods	(4)	PSY 45	Introduction to Research Methods in Psychology	(3)
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STATIST 13	Elementary Statistics	(4)	MATH 11	Elementary Statistics	(4)
Same as: STATIST 13Y			<b>OR</b>		
			STAT 7	Elementary Statistics	(4)
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BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 11A	Biology for Science Majors I	(5)

**OR A COMBINATION OF**

BIOLSCI 10	Everyday Biology	(4)	BIOL 3	Introduction to Life Science	(4)
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**AND ONE COURSE FROM**

ANTHRO 1	Human Evol Biol	(4)	ANTHRO 1	Biological Anthropology	(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)	BIOL 22	Human Physiology	(5)

**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:**

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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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available from our TAG website.

PSYCH 1	General Psychology	(4)	PSY 2	General Psychology	(3)
			<u>OR</u>		
			PSY 2H	Honors General Psychology	(3)
PSYCH 41	Research Methods	(4)	PSY 45	Introduction to Research Methods in Psychology	(3)

STATIST 13	Elementary Statistics	(4)	MATH 11	Elementary Statistics	(4)
Same as: STATIST 13Y			<u>OR</u>		
			STAT 7	Elementary Statistics	(4)

MATH 16A	Short Calculus	(3)	MATH 5A	Math Analysis I	(5)
MATH 16B	Short Calculus	(3)	MATH 5B	Math Analysis II	(4)
	<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 5A	Math Analysis I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Math Analysis II	(4)

PHYSICS 10	Topics, Nonscientists	(4)	PHYS 10	Conceptual Physics	(4)
	<u>OR</u>			<u>OR</u>	
PHYSICS 10C	Physics of California	(3)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
	<u>OR</u>			<u>OR</u>	
PHYSICS 7A	General Physics	(4)	PHYS 2A &	General Physics I	(4)
			PHYS 2B	General Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYS 2A &	General Physics I	(4)
			PHYS 2B	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.

BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 11A	Biology for Science Majors I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 11A &	Biology for Science Majors I	(5)
			BIOL 11B	Biology for Science Majors II	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 11B	Biology for Science Majors II	(5)

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

CHEM 8A	Organic Chem-Brief	(2)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
CHEM 8B	Organic Chem-Brief	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
	<u>OR</u>			<u>OR</u>	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 28A &	Organic Chemistry I	(3)
			CHEM 29A	Organic Chemistry Laboratory I	(2)



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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				<u>OR</u>		
				PSY 2H	Honors General Psychology	(3)
PSYCH 41	Research Methods	(4)		PSY 45	Introduction to Research Methods in Psychology	(3)
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STATIST 13	Elementary Statistics	(4)		MATH 11	Elementary Statistics	(4)
Same as: STATIST 13Y				<u>OR</u>		
				STAT 7	Elementary Statistics	(4)
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MATH 21A	Calculus	(4)		MATH 5A	Math Analysis I	(5)
MATH 21B	Calculus	(4)		MATH 5B	Math Analysis II	(4)
MATH 21C	Calculus	(4)		MATH 6	Math Analysis III	(5)
<hr/>						
ENG CS 36A	Programming	(4)		CSCI 40	Programming Concepts and Methodology I	(4)
Formerly ENG CS 30				<u>OR</u>		
				ENGR 40	Programming for Scientists and Engineers	(4)
				<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.**

CHEM 10	Concept of Chem	(4)	NO COMPARABLE COURSE
	<b>OR</b>		<b>OR</b>
CHEM 2A	Genl Chemistry	(5)	CHEM 1A General Chemistry (5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A & General Chemistry (5)
			CHEM 1B General Chemistry and Qualitative Analysis (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

PHYSICS 10	Topics,Nonscientists	(4)	PHYS 10 Conceptual Physics (4)
	<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)	PHYS 2A & General Physics I (4)
			PHYS 2B General Physics II (4)
PHYSICS 7B	General Physics	(4)	PHYS 2A & General Physics I (4)
			PHYS 2B 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.

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 11A Biology for Science Majors I (5)
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**OR A COMBINATION OF**

BIOLSCI 10	Everyday Biology	(4)	BIOL 3 Introduction to Life Science (4)
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**AND ONE COURSE FROM**

ANTHRO 1	Human Evol Biol	(4)	ANTHRO 1 Biological Anthropology (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)	BIOL 22 Human Physiology (5)

**END OF MAJOR**

**====Religious Studies A.B.====**

**Special Advising Note:**

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**Transfer Admission Guarantee (TAG) 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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**ONE COURSE FROM THE FOLLOWING:**

REL STD 1	Survey of Religion	(4)	PHIL 1D	World Religions	(3)
REL STD 1A	Pilgrimage	(4)	NO COMPARABLE COURSE		
REL STD 1B	Death and Afterlife	(4)	NO COMPARABLE COURSE		
REL STD 1C	Sacrifice	(4)	NO COMPARABLE COURSE		
REL STD 1D	Conversion	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
REL STD 1E	Fundamentalism	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
REL STD 1F	Religion Today	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
REL STD 1G	Myth Ritual Symbol	(4)	NO COMPARABLE COURSE		
REL STD 1H	Sex, Marriage, Divorce	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
REL STD 1J	Music, Voice, Word	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		

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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:**

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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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**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.

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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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SCI&TEC 1	Intro Sci & Tech Std	(4)	NO COMPARABLE COURSE
SCI&TEC 20	Sci & Tec Std Methods	(4)	NO COMPARABLE COURSE

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**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 COMPARABLE COURSE
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 COMPARABLE COURSE
PHILOS 32	Scientific Change	(4)	NO COMPARABLE COURSE
SCI&SOC 1	Critical Inquiry into Contemporary Issues	(4)	NO COMPARABLE COURSE
SCI&SOC 2	Feeding the Planet	(3)	NO COMPARABLE COURSE
SCI&SOC 3	Sci,Tech&Society	(4)	NO COMPARABLE COURSE
SCI&SOC 5	Discovery:Sci & Soc	(3)	NO COMPARABLE COURSE
SCI&TEC 32	Drugs, Science and Culture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	Same as: ANTHRO 32		

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

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SOCIOL 1	Intro Sociology	(5)		SOC 1A	Introduction to Sociology	(3)
SOCIOL 46A	Intro Social Rsch	(4)		NO COMPARABLE COURSE		
	<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)		NO COMPARABLE COURSE		
SOCIOL 3	Social Problems	(4)		NO COMPARABLE COURSE		
SOCIOL 4	Immigrtn & Opprtnty	(4)		SOC 2	American Minority Groups	(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 2	Cultural Anthropology	(3)
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	<b>OR</b>		<b>OR</b>
ANTHRO 20	Comparative Cultures	(4)	NO COMPARABLE COURSE

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**ONE COURSE FROM THE FOLLOWING:**

HISTORY 4A	Western Civ	(4)	NO COMPARABLE COURSE
HISTORY 4B	Western Civ	(4)	HIST 1 & Western Civilization to 1648 (3)
			HIST 2 Western Civilization from 1648 (3)
HISTORY 4C	Western Civ	(4)	HIST 2 Western Civilization from 1648 (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)	NO COMPARABLE COURSE
HISTORY 15A	Africa to 1900	(4)	NO COURSE ARTICULATED
HISTORY 15B	Africa Today	(4)	NO COURSE ARTICULATED
HISTORY 17A	U.S. History	(4)	HIST 11 History of the United States to 1877 (3)
HISTORY 17B	U.S. History	(4)	HIST 12 History of the United States since 1865 (3)
			<b>OR</b>
			HIST 12H Honors History of the United States Since 1865 (3)

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**ONE COURSE FROM THE FOLLOWING:**

PHILOS 5	Critical Reasoning	(4)	PHIL 2 Critical Reasoning and Analytic Writing (3)
PHILOS 14	Eth Soc Prob in Soc	(4)	NO COMPARABLE COURSE
PHILOS 24	Intro to Ethics	(4)	PHIL 1C Ethics (3)

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**END OF MAJOR**

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

**Special Advising Note:**

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

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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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SOCIOL 1	Intro Sociology	(5)		SOC 1A	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		
<hr/>						
SOCIOL 46A	Intro Social Rsch	(4)		NO COMPARABLE COURSE		
	<b>AND</b>			<b>AND</b>		
SOCIOL 46B	Intro Social Rsch	(5)		NO COMPARABLE COURSE		
<hr/>						
ECON 1B	Princ of Macroecon	(4)		ECON 1A	Principles of Macroeconomics	(3)
<hr/>						
ANTHRO 2	Cultural Anthropology	(5)		ANTHRO 2	Cultural Anthropology	(3)
	<b>OR</b>			<b>OR</b>		
ANTHRO 20	Comparative Cultures	(4)		NO COMPARABLE COURSE		
<hr/>						
HISTORY 10C	World History III	(4)		NO COMPARABLE COURSE		
	<b>OR</b>			<b>OR</b>		
POL SCI 2	Intro Comp Politics	(4)		POLSCI 5	Comparative Government	(3)

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**Course work in one modern foreign language at the two-year level, or provide proof of proficiency (27-30 quarter units).**

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**END OF MAJOR**

**====Sociology A.B. (Law & Society)====**

**Special Advising Note:**

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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.

**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 1A	Introduction to Sociology	(3)
SOCIOL 3	Social Problems	(4)		NO COMPARABLE COURSE		
	OR			OR		
SOCIOL 4	Immigrtn & Opprtnty	(4)		SOC 2	American Minority Groups	(3)
	OR			OR		
SOCIOL 11	Sociology of Labor and Employment	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
SOCIOL 46A	Intro Social Rsch	(4)		NO COMPARABLE COURSE		
	AND			AND		
SOCIOL 46B	Intro Social Rsch	(5)		NO COMPARABLE COURSE		

**4 QUARTER UNITS FROM THE FOLLOWING:**

ANTHRO 2	Cultural Anthropology	(5)	ANTHRO 2	Cultural Anthropology	(3)
ANTHRO 20	Comparative Cultures	(4)	NO COMPARABLE COURSE		
POL SCI 1	Amer Natl Govt	(4)	POLSCI 2	American Government	(3)
POL SCI 3	Internatl Relations	(4)	POLSCI 24	International Relations	(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)	HIST 1 &	Western Civilization to 1648	(3)
			HIST 2	Western Civilization from 1648	(3)
HISTORY 4C	Western Civ	(4)	HIST 2	Western Civilization from 1648	(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)	NO COMPARABLE COURSE		
HISTORY 15A	Africa to 1900	(4)	NO COURSE ARTICULATED		
HISTORY 15B	Africa Today	(4)	NO COURSE ARTICULATED		
HISTORY 17A	U.S. History	(4)	HIST 11	History of the United States to 1877	(3)
HISTORY 17B	U.S. History	(4)	HIST 12	History of the United States since 1865	(3)
			<u>OR</u>		
			HIST 12H	Honors History of the United States Since 1865	(3)

PHILOS 5	Critical Reasoning	(4)	PHIL 2	Critical Reasoning and Analytic Writing	(3)
	<b>OR</b>			<b>OR</b>	
PHILOS 14	Eth Soc Prob in Soc	(4)	NO COMPARABLE COURSE		
	<b>OR</b>			<b>OR</b>	
PHILOS 24	Intro to Ethics	(4)	PHIL 1C	Ethics	(3)

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**END OF MAJOR**

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

**Special Advising Note:**

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in English and mathematics by the end of fall term prior to enrollment.

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**College Foreign Language Requirement Note:**

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SOCIOL 1	Intro Sociology	(5)		SOC 1A	Introduction to Sociology	(3)
SOCIOL 2	Self and Society	(4)		NO COMPARABLE COURSE		
	<b>OR</b>			<b>OR</b>		
SOCIOL 3	Social Problems	(4)		NO COMPARABLE COURSE		
SOCIOL 46A	Intro Social Rsch	(4)		NO COMPARABLE COURSE		
	<b>AND</b>			<b>AND</b>		
SOCIOL 46B	Intro Social Rsch	(5)		NO COMPARABLE COURSE		
PSYCH 1	General Psychology	(4)		PSY 2	General Psychology	(3)
				<b>OR</b>		
				PSY 2H	Honors General Psychology	(3)

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

AF-AMST 10	Af-Am Culture & Soc	(4)		NO COMPARABLE COURSE		
AF-AMST 15	Intro Afro Amer Hum	(4)		NO COMPARABLE COURSE		
A A STD 1	Hist Exp Asian Am	(4)		NO COMPARABLE COURSE		
A A STD 2	Contemp Issues of Asian Americans	(4)		NO COMPARABLE COURSE		
CHICANO 10	Intro to Chic Std	(4)		NO COMPARABLE COURSE		
CHICANO 50	Chicano Culture	(4)		NO COMPARABLE COURSE		
N A STD 1	Intro NA Studies	(4)		NO COMPARABLE COURSE		

N A STD 10	NA Experience	(4)	NO COMPARABLE COURSE	
SOCIOL 4	Immigrtn & Opprtnty	(4)	SOC 2	American Minority Groups (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:**

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SOCIOL 1	Intro Sociology	(5)	SOC 1A	Introduction to	(3)
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	AND		Sociology	AND	
SOCIOL 2	Self and Society	(4)	NO COMPARABLE COURSE		
SOCIOL 4	Immigrtn & Opprtnty	(4)	SOC 2 American Minority Groups	(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 46A	Intro Social Rsch	(4)	NO COMPARABLE COURSE		
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE		
ECON 1A	Princ of Microecon	(4)	ECON 1B Principles of Microeconomics	(3)	
ECON 1B	Princ of Macroecon	(4)	ECON 1A Principles of Macroeconomics	(3)	

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**END OF MAJOR**

====Spanish A.B.====

**Special Advising Note:**

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

**It is recommended that transfer students who have successfully completed a two-year sequence at the junior college level comparable to UC Davis Spanish 1 through 22 continue their study at UC Davis by taking Spanish 23. When available at the community college students are encouraged to complete courses comparable to Spanish 23 and 24. Students should consult a Spanish Department advisor at UC Davis upon enrollment.**

LINGUIS 1	Intro Linguistics	(4)		LING 10	Introduction to Language	(3)
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**END OF MAJOR**

b) **If student takes SPAN 4NS at Clovis Community College, credit will be given for UC Davis's SPANISH 31+32 or 33**

**====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 5A	Math Analysis I	(5)
MATH 16B	Short Calculus	(3)	MATH 5B	Math Analysis II	(4)
MATH 16C	Short Calculus	(3)	MATH 5B	Math Analysis II	(4)
	<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 5A	Math Analysis I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Math Analysis II	(4)
MATH 21C	Calculus	(4)	MATH 6	Math Analysis III	(5)
MATH 22A	Linear Algebra	(3)	MATH 17	Differential Equations and Linear Algebra	(5)
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)	CSCI 40	Programming Concepts and Methodology I	(4)
			<b>OR</b>		
			ENGR 40	Programming for Scientists and Engineers	(4)

OR		OR
ENG CS 36B Object-Oriented Program (4) Formerly ENG CS 40	CSCI 41	Programming Concepts (4) and Methodology II

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

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

END OF MAJOR

====Statistics B.S. (Applied Statistics Option)====

**Special Advising Note:**

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

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

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

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

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

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

MATH 16A	Short Calculus	(3)		MATH 5A	Math Analysis I	(5)
MATH 16B	Short Calculus	(3)		MATH 5B	Math Analysis II	(4)
MATH 16C	Short Calculus	(3)		MATH 5B	Math Analysis II	(4)
	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	
	<b>OR</b>			<b>OR</b>	
MATH 21A	Calculus	(4)		MATH 5A	Math Analysis I (5)
MATH 21B	Calculus	(4)		MATH 5B	Math Analysis II (4)
MATH 21C	Calculus	(4)		MATH 6	Math Analysis III (5)

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

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MATH 22A	Linear Algebra	(3)		MATH 17	Differential Equations (5) and Linear Algebra
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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)		CSCI 40	Programming Concepts (4) and Methodology I
				<b>OR</b>	
				ENGR 40	Programming for (4) Scientists and Engineers
	<b>OR</b>			<b>OR</b>	
ENG CS 36B	Object-Oriented Program Formerly ENG CS 40	(4)		CSCI 41	Programming Concepts (4) and Methodology II

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

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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 11	Elementary Statistics (4)
				<b>OR</b>	
				STAT 7	Elementary Statistics (4)
STATIST 32	Gateway to Data Science	(4)		NO COMPARABLE COURSE	

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**PLUS TWO INTRODUCTORY COURSES SERVING AS THE PREREQUISITE TO UPPER DIVISION COURSES IN A CHOSEN DISCIPLINE TO WHICH STATISTICS IS APPLIED.**

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**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.

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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 5A	Math Analysis I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Math Analysis II	(4)
MATH 21C	Calculus	(4)	MATH 6	Math Analysis III	(5)
MATH 21D	Vector Analysis	(4)	MATH 6	Math Analysis III	(5)
MATH 22A	Linear Algebra	(3)	MATH 17	Differential Equations and Linear Algebra	(5)

ENG CS 36C	Data Structures Formerly ENG CS 60	(4)	NO COMPARABLE COURSE
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**Please note that the community college's computer science courses may not be identical to UC Davis courses. Community college students, upon transfer to UC Davis, may need to make up any topic or language deficiencies.**

**AND ONE COURSE FROM**

STATIST 12	Discrete Probabil	(4)	NO COMPARABLE COURSE
STATIST 13	Elementary Statistics	(4)	MATH 11 Elementary Statistics (4)
Same as: STATIST 13Y			<b>OR</b>
			STAT 7 Elementary Statistics (4)
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE

**END OF MAJOR**

**====Statistics B.S. (General Statistics Option)====**

**Special Advising Note:**

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

Transfer students must also meet UC transfer admission requirements. For details

see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

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

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

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

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

MATH 21A	Calculus	(4)	MATH 5A	Math Analysis I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Math Analysis II	(4)
MATH 21C	Calculus	(4)	MATH 6	Math Analysis III	(5)
MATH 21D	Vector Analysis	(4)	MATH 6	Math Analysis III	(5)
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MATH 22A	Linear Algebra	(3)	MATH 17	Differential Equations and Linear Algebra	(5)
	<b>OR</b>			<b>OR</b>	
MATH 67	Modern Linear Algebra	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
<hr/>					
MATH 25	Advanced Calculus	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
<hr/>					
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)	CSCI 40	Programming Concepts and Methodology I	(4)
			<b>OR</b>		
			ENGR 40	Programming for Scientists and Engineers	(4)
	<b>OR</b>			<b>OR</b>	
ENG CS 36B	Object-Oriented Program Formerly ENG CS 40	(4)	CSCI 41	Programming Concepts and Methodology II	(4)

**Please note that the community college's computer science courses may not be identical to UC Davis courses. Community college students,**

upon transfer to UC Davis, may need to make up any topic or language deficiencies.

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**AND ONE COURSE FROM**

STATIST 13	Elementary Statistics	(4)		MATH 11	Elementary Statistics	(4)
Same as: STATIST 13Y				<b>OR</b>		
				STAT 7	Elementary Statistics	(4)
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.

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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 5A	Math Analysis I	(5)
MATH 21B	Calculus	(4)		MATH 5B	Math Analysis II	(4)
MATH 21C	Calculus	(4)		MATH 6	Math Analysis III	(5)
MATH 21D	Vector Analysis	(4)		MATH 6	Math Analysis III	(5)



MATH 22A	Linear Algebra	(3)	MATH 17	Differential Equations (5) and Linear Algebra
ENG CS 32A	Intro to Programming(4) Formerly ENG CS 10		NO COMPARABLE COURSE	
	OR		OR	
ENG CS 36A	Programming (4) Formerly ENG CS 30	(4)	CSCI 40	Programming Concepts (4) and Methodology I
	OR		ENGR 40	Programming for (4) Scientists and Engineers
	OR		OR	
ENG CS 36B	Object-Oriented Program (4) Formerly ENG CS 40	(4)	CSCI 41	Programming Concepts (4) and Methodology II
STATIST 12	Discrete Probabil (4) OR	(4)	NO COMPARABLE COURSE	
STATIST 13	Elementary Statistics (4) Same as: STATIST 13Y	(4)	MATH 11	Elementary Statistics (4)
	OR		STAT 7	Elementary Statistics (4)
	OR		OR	
STATIST 32	Gateway to Data Science (4)	(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.

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COMUNCN 1	Intro Public Spkg	(4)		COMM 1	Public Speaking	(3)
				<b>OR</b>		
				COMM 1H	Honors Public Speaking	(3)

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PL SCI 15	Intro Sustainable Agriculture	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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CM&RGDE 20	Food Systems	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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PL PATH 40	Edible Mushroom Cult	(2)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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	<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	Domestic An Prod Lab	(2)		NO COURSE ARTICULATED: College has not		
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AN SCI 49A	Animal Prac/Aquaculture	(2)	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

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

**TRACK I: AGRICULTURE AND ECOLOGY**

MATH 16A	Short Calculus	(3)	MATH 5A	Math Analysis I	(5)
MATH 16B	Short Calculus	(3)	MATH 5B	Math Analysis II	(4)

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

PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE
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BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 11A &	Biology for Science Majors I	(5)
			BIOL 11B	Biology for Science Majors II	(5)

PL SCI 2	Bot Physio Cul Plt	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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AN SCI 1	Domest Ani & People	(4)	NO COMPARABLE COURSE
	<b>OR</b>		<b>OR</b>
AN SCI 2	Intro Animal Sci	(4)	NO COMPARABLE COURSE

FD S&T 1	Food Sci Principles	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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ECON 1A	Princ of Microecon	(4)	ECON 1B	Principles of Microeconomics	(3)
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CM&RGDE 1	The Community	(4)	NO COMPARABLE COURSE
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PHILOS 14	Eth Soc Prob in Soc	(4)	NO COMPARABLE COURSE
	<b>OR</b>		<b>OR</b>
PHILOS 15	Intro to Bioethics	(4)	NO COMPARABLE COURSE

PHILOS 24	<b>OR</b> Intro to Ethics	(4)	PHIL 1C	<b>OR</b> Ethics	(3)
ANTHRO 2	Cultural Anthropology	(5)	ANTHRO 2	Cultural Anthropology	(3)
POL SCI 4	<b>OR</b> Bas Cnpt/Pol Thry	(4)	<b>OR</b> NO COMPARABLE COURSE		
SOCIOL 1	<b>OR</b> Intro Sociology	(5)	SOC 1A	<b>OR</b> Introduction to Sociology	(3)
SOCIOL 3	<b>OR</b> Social Problems	(4)	<b>OR</b> NO COMPARABLE COURSE		

**TRACK II: FOOD AND SOCIETY**

PHILOS 5	Critical Reasoning	(4)	PHIL 2	<b>OR</b> Critical Reasoning and Analytic Writing	(3)
PHILOS 31	<b>OR</b> Scientific Reason	(4)	<b>OR</b> NO COMPARABLE COURSE		
PHILOS 14	Eth Soc Prob in Soc	(4)	NO COMPARABLE COURSE		
PHILOS 15	<b>OR</b> Intro to Bioethics	(4)	<b>OR</b> NO COMPARABLE COURSE		
PHILOS 24	<b>OR</b> Intro to Ethics	(4)	PHIL 1C	<b>OR</b> Ethics	(3)
SOCIOL 46B	<b>OR</b> Intro Social Rsch	(5)	<b>OR</b> NO COMPARABLE COURSE		
STATIST 13	<b>OR</b> Elementary Statistics	(4)	MATH 11	<b>OR</b> Elementary Statistics	(4)
	Same as: STATIST 13Y		STAT 7	<b>OR</b> Elementary Statistics	(4)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
BIOLSCI 10	Everyday Biology	(4)	BIOL 3	Introduction to Life Science	(4)
PL SCI 2	Bot Physio Cul Plt	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
BIOLSCI 2B	<b>OR</b> Intro Biology: Ecology & Evolution	(5)	BIOL 11A &	<b>OR</b> Biology for Science Majors I	(5)
			BIOL 11B	<b>OR</b> Biology for Science Majors II	(5)
ENV S&P 1	<b>OR</b> Env Analysis	(4)	<b>OR</b> NO COMPARABLE COURSE		
ENV S&P 30	<b>OR</b> Global Ecosystem	(3)	<b>OR</b> NO COMPARABLE COURSE		
	Same as: ENV SC&M 30				
W&F BIO 10	<b>OR</b> Wildl Ecol Conserve	(4)	<b>OR</b> NO COMPARABLE COURSE		
W&F BIO 51	<b>OR</b> Intro to Conservation Biology	(3)	<b>OR</b> NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
FD S&T 1	Food Sci Principles	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
SOILSCI 10	Soils in Our Environment	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ECON 1A	Princ of Microecon	(4)	ECON 1B	Principles of Microeconomics	(3)

POL SCI 4	Bas Cnpt/Pol Thry	(4)	NO COMPARABLE COURSE
ANTHRO 2	Cultural Anthropology	(5)	ANTHRO 2 Cultural Anthropology (3)
	<b>OR</b>		<b>OR</b>
SOCIOL 1	Intro Sociology	(5)	SOC 1A Introduction to Sociology (3)
	<b>OR</b>		<b>OR</b>
SOCIOL 3	Social Problems	(4)	NO COMPARABLE COURSE
CM&RGDE 1	The Community	(4)	NO COMPARABLE COURSE
CM&RGDE 2	Ethnicity Amer Comm	(4)	NO COMPARABLE COURSE

**TRACK III: ECONOMICS AND POLICY**

MATH 16A	Short Calculus	(3)	MATH 5A Math Analysis I (5)
MATH 16B	Short Calculus	(3)	MATH 5B Math Analysis II (4)
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE
	<b>OR</b>		<b>OR</b>
STATIST 13	Elementary Statistics	(4)	MATH 11 Elementary Statistics (4)
	Same as: STATIST 13Y		<b>OR</b>
			STAT 7 Elementary Statistics (4)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A General Chemistry (5)
BIOLSCI 10	Everyday Biology	(4)	BIOL 3 Introduction to Life Science (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)	BIOL 11A & Biology for Science Majors I (5)
	<b>OR</b>		BIOL 11B Biology for Science Majors II (5)
	<b>OR</b>		<b>OR</b>
ENV S&P 1	Env Analysis	(4)	NO COMPARABLE COURSE
	<b>OR</b>		<b>OR</b>
ENV S&P 30	Global Ecosystem	(3)	NO COMPARABLE COURSE
	Same as: ENV SC&M 30		<b>OR</b>
	<b>OR</b>		<b>OR</b>
W&F BIO 10	Wildl Ecol Conserve	(4)	NO COMPARABLE COURSE
	<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 COURSE ARTICULATED: College has not submitted course(s) for articulation
SOILSCI 10	Soils in Our Environment	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ECON 1A	Princ of Microecon	(4)	ECON 1B Principles of Microeconomics (3)
ECON 1B	Princ of Macroecon	(4)	ECON 1A Principles of Macroeconomics (3)
POL SCI 4	Bas Cnpt/Pol Thry	(4)	NO COMPARABLE COURSE
ANTHRO 2	Cultural Anthropology	(5)	ANTHRO 2 Cultural Anthropology (3)
	<b>OR</b>		<b>OR</b>
SOCIOL 1	Intro Sociology	(5)	SOC 1A Introduction to Sociology (3)

SOCIOL 3	OR Social Problems	(4)	OR NO COMPARABLE COURSE
CM&RGDE 1	The Community	(4)	NO COMPARABLE COURSE
PHILOS 14	Eth Soc Prob in Soc	(4)	NO COMPARABLE COURSE
PHILOS 15	OR Intro to Bioethics	(4)	OR NO COMPARABLE COURSE
PHILOS 24	OR Intro to Ethics	(4)	OR PHIL 1C 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.

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

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

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

The College of A&ES English Composition requirement for the Bachelor's degree is an element of the UC Davis General Education (GE) pattern. This GE requirement may be satisfied by completing either two courses emphasizing written expression OR one course emphasizing written expression and one course emphasizing oral expression, with a grade of C- (or P) or better. The following UC Davis lower-division courses are among those that have been approved to satisfy this requirement: English 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1\*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (emphasis in either writing or speaking skills). The English

Composition requirement may also be met by achieving a score of 4 or 5 on the Advanced Placement (AP) English examination PLUS completing any previously listed course, EXCEPT English 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC transfer students who have successfully completed the IGETC lower-division coursework are exempt from all GE requirements that may be met with lower-division courses. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

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

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

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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 1	Public Speaking	(3)
			<u>OR</u>		
			COMM 1H	Honors Public Speaking	(3)
<hr/>					
ENGLISH 3	Intro to Lit	(4)	ENGL 1B	Introduction to the Study of Literature	(3)
			<u>OR</u>		
			ENGL 1BH	Honors Introduction to the Study of Literature	(3)
	<u>OR</u>			<u>OR</u>	
UWRITING 1	Expository Writing	(4)	ENGL 1A	Reading and Composition	(4)
			<u>OR</u>		
			ENGL 1AH	Honors Reading and Composition	(4)
	<u>OR</u>			<u>OR</u>	
UWRITING 48	Style in the Essay	(4)	ENGL 3	Critical Reading and Writing	(3)
	Formerly UWRITING 18		<u>OR</u>		
			ENGL 3H	Honors Critical Reading and Writing	(3)
	<u>OR</u>			<u>OR</u>	
UWRITING 49	Writing Research Papers	(4)	NO COMPARABLE COURSE		
	Formerly UWRITING 19				
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BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 11A &	Biology for Science Majors I	(5)
			BIOL 11B	Biology for Science Majors II	(5)

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**ALL OF THE FOLLOWING COURSES:**

LND ARC 1 Intro Environ Design (4) | NO COURSE ARTICULATED: College has not

LND ARC 2	Place,Culture,Community	(4)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
LND ARC 3	Sustainable Development	(4)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
LND ARC 21	Landscape Rep I Formerly Design Visualization	(4)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
LND ARC 30	History Environ Design	(4)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
LND ARC 50	Site Ecology	(4)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
LND ARC 70	Intro to Spacemaking	(4)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation

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**AND ONE COURSE IN A PHYSICAL SCIENCE**

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**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.

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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.

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 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)		IS 15 Computer Concepts	(3)
	<b>OR</b>			<b>OR</b>	
ENG CS 36A	Programming	(4)		CSCI 40 Programming Concepts and Methodology I	(4)
Formerly ENG CS 30					
				<b>OR</b>	
				ENGR 40 Programming for Scientists and Engineers	(4)

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

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ECON 1A	Princ of Microecon	(4)		ECON 1B Principles of Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)		ECON 1A Principles of	(3)

**4 QUARTER UNITS FROM THE FOLLOWING:**

ANTHRO 2	Cultural Anthropology	(5)	ANTHRO 2	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 5	Art History 1	(3)
	<b>OR</b>			<b>OR</b>	
ARTHI 1B	Mediev&Renaiss Art	(4)	ART 5 &	Art History 1	(3)
			ART 6	Art History 2	(3)
			<b>OR</b>		
			ART 5 &	Art History 1	(3)
			ART 6H	Honors Art History 2	(3)
	<b>OR</b>			<b>OR</b>	
ARTHI 1C	Baroque to Modern Art	(4)	ART 6	Art History 2	(3)
			<b>OR</b>		
			ART 6H	Honors Art History 2	(3)
	<b>OR</b>			<b>OR</b>	
ARTHI 1D	Arts of Asia	(4)	NO COMPARABLE COURSE		

**ALL OF THE FOLLOWING COURSES:**

PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
	<b>OR</b>			<b>OR</b>	
PHYSICS 10	Topics, Nonscientists	(4)	PHYS 10	Conceptual Physics	(4)
PSYCH 1	General Psychology	(4)	PSY 2	General Psychology	(3)
			<b>OR</b>		
			PSY 2H	Honors General Psychology	(3)

SOCIOL 2	Self and Society	(4)	NO COMPARABLE COURSE		
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STATIST 13	Elementary Statistics	(4)	MATH 11	Elementary Statistics	(4)
Same as: STATIST 13Y			<b>OR</b>		
			STAT 7	Elementary Statistics	(4)

TEX&CL 6	Intro Textiles	(4)	NO COMPARABLE COURSE		
TEX&CL 7	Style & Cult Std	(4)	NO COMPARABLE COURSE		
TEX&CL 8	Textile Apparel Ind	(4)	NO COMPARABLE COURSE		

MGMT 11A	Elem Accounting	(4)	ACCTG 4A &	Financial Accounting	(4)
			ACCTG 4B	Managerial Accounting	(4)
MGMT 11B	Elem Accounting	(4)	NO COMPARABLE COURSE		

CHEM 10	Concept of Chem	(4)	NO COMPARABLE COURSE		
	<b>OR</b>			<b>OR</b>	
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)

MATH 16A	Short Calculus	(3)	MATH 5A	Math Analysis I	(5)
MATH 16B	Short Calculus	(3)	MATH 5B	Math Analysis II	(4)

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

AGRESEC 18	Business Law	(4)	BA 18	Business Law and the Legal Environment	(4)
DESIGN 77	Intro to Fashion Design	(4)	NO COMPARABLE COURSE		
MATH 16C	Short Calculus	(3)	MATH 5B	Math Analysis II	(4)

**Foreign language units may be used to satisfy any or all of the required 12 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.

====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.

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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.

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.

---

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)		IS 15	Computer Concepts (3)
	<b>OR</b>			<b>OR</b>	
ENG CS 36A	Programming	(4)		CSCI 40	Programming Concepts (4)
Formerly ENG CS 30					and Methodology I
				<b>OR</b>	
				ENGR 40	Programming for (4)
					Scientists and Engineers

**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 1B	Principles of (3)
					Microeconomics
ECON 1B	Princ of Macroecon	(4)		ECON 1A	Principles of (3)
					Macroeconomics

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**4 QUARTER UNITS FROM THE FOLLOWING:**

ANTHRO 2	Cultural Anthropology	(5)		ANTHRO 2	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 5	Art History 1 (3)

ARTHI 1B	Mediev&Renaiss Art	(4)	OR	ART 5 & Art History 1	(3)
				ART 6 Art History 2	(3)
			OR	ART 5 & Art History 1	(3)
				ART 6H Honors Art History 2	(3)
ARTHI 1C	Baroque to Modern Art	(4)	OR	ART 6 Art History 2	(3)
			OR	ART 6H Honors Art History 2	(3)
ARTHI 1D	Arts of Asia	(4)	OR	NO COMPARABLE COURSE	

**ALL OF THE FOLLOWING COURSES:**

PHYSICS 1A	Principles Physics	(3)	OR	NO COMPARABLE COURSE	
PHYSICS 10	Topics,Nonscientists	(4)	OR	PHYS 10 Conceptual Physics	(4)
PSYCH 1	General Psychology	(4)	OR	PSY 2 General Psychology	(3)
				PSY 2H Honors General Psychology	(3)
SOCIOL 2	Self and Society	(4)	OR	NO COMPARABLE COURSE	
STATIST 13	Elementary Statistics	(4)	OR	MATH 11 Elementary Statistics	(4)
Same as: STATIST 13Y				STAT 7 Elementary Statistics	(4)
TEX&CL 6	Intro Textiles	(4)	OR	NO COMPARABLE COURSE	
TEX&CL 7	Style & Cult Std	(4)	OR	NO COMPARABLE COURSE	
TEX&CL 8	Textile Apparel Ind	(4)	OR	NO COMPARABLE COURSE	
CHEM 2A	Genl Chemistry	(5)	OR	CHEM 1A General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	OR	CHEM 1A & General Chemistry	(5)
				CHEM 1B General Chemistry and Qualitative Analysis	(5)
CHEM 8A	Organic Chem-Brief	(2)	OR	NO COURSE ARTICULATED: College has not submitted course(s)for articulation	
CHEM 8B	Organic Chem-Brief	(4)	OR	NO COURSE ARTICULATED: College has not submitted course(s)for articulation	
MATH 16A	Short Calculus	(3)	OR	MATH 5A Math Analysis I	(5)

**RESTRICTED ELECTIVES (16 QUARTER UNITS):**

AGRESEC 18	Business Law	(4)	OR	BA 18 Business Law and the Legal Environment	(4)
CHEM 2C	Genl Chemistry	(5)	OR	CHEM 1B General Chemistry and Qualitative Analysis	(5)
CHEM 128A	Organic Chemistry	(3)	OR	CHEM 28A Organic Chemistry I	(3)
CHEM 128B	Organic Chemistry	(3)	OR	CHEM 28A & Organic Chemistry I	(3)
				CHEM 28B Organic Chemistry II	(3)
CHEM 128C	Organic Chemistry	(3)	OR	CHEM 28B Organic Chemistry II	(3)
DESIGN 77	Intro to Fashion Design	(4)	OR	NO COMPARABLE COURSE	
MGMT 11A	Elem Accounting	(4)	OR	ACCTG 4A & Financial Accounting	(4)
				ACCTG 4B Managerial Accounting	(4)
MGMT 11B	Elem Accounting	(4)	OR	NO COMPARABLE COURSE	
MATH 16B	Short Calculus	(3)	OR	MATH 5B Math Analysis II	(4)
MATH 16C	Short Calculus	(3)	OR	MATH 5B Math Analysis II	(4)
SOCIOL 25	Popular Culture	(4)	OR	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.

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

**ONE COURSE FROM THE FOLLOWING:**

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

**ALL OF THE FOLLOWING COURSES:**

DRAMART 28	Stagecraft & Management	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
DRAMART 55	Cont Theatre Dance Perf	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
DRAMART 56A	Hist Theatre Dance I	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
DRAMART 56B	Hist Theatre Dance II	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
DRAMART 56C	Hist Theatre Dance III	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation

**END OF MAJOR**

**====Viticulture and Enology B.S.====**

**Special Advising Note:**

**REQUIREMENTS FOR ADMISSION:**  
(for 2019-20)

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

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 3.00 for the group. It is required that candidates have a cumulative GPA of at least 3.00 for courses in the group below that have been completed by the time of application and maintain the GPA through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

General Chemistry 2A/B/C  
Organic Chemistry 8A  
Mathematics 16A  
Physics 1A/B or 7A  
Biological Sciences 2A

It is strongly recommended that students complete courses comparable to the following UC Davis courses; if taken, the student must have a GPA of at least 3.00 for the entire group of courses listed above and below. Courses must be

taken for a letter grade, with no grade less than C:

Organic Chemistry 8B  
Mathematics 16B  
Plant Sciences 2

Transfer students must also meet UC transfer admission requirements. UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

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

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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)	BIOL 11A	Biology for Science Majors 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 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry and Qualitative Analysis	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry and Qualitative Analysis	(5)
CHEM 8A	Organic Chem-Brief	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 8B	Organic Chem-Brief	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
PL SCI 21	Computers in Technology	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

**OR EQUIVALENT AND advisor APPROVAL**

MATH 16A	Short Calculus	(3)	MATH 5A	Math Analysis I	(5)
MATH 16B	Short Calculus	(3)	MATH 5B	Math Analysis II	(4)
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)	PHYS 2A &	General Physics I	(4)
			PHYS 2B	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.

VIT-ENO 2	Intro to Viticult	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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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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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UWRITING 1	Expository Writing	(4)	ENGL 1A	Reading and Composition	(4)
			<b>OR</b>		
			ENGL 1AH	Honors Reading and Composition	(4)
	<b>AND</b>			<b>AND</b>	
COMUNCN 1	Intro Public Spkg	(4)	COMM 1	Public Speaking	(3)
			<b>OR</b>		
			COMM 1H	Honors Public Speaking	(3)
	<b>OR</b>			<b>OR</b>	
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	NO COMPARABLE COURSE		
	<b>OR</b>			<b>OR</b>	
DRAMART 10	Intro To Acting	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

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

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BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 11A	Biology for Science Majors I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 11A <b>&amp;</b>	Biology for Science Majors I	(5)
			BIOL 11B	Biology for Science Majors II	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 11B	Biology for Science Majors II	(5)

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CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A <b>&amp;</b>	General Chemistry	(5)
			CHEM 1B	General Chemistry and Qualitative Analysis	(5)
CHEM 8A	Organic Chem-Brief	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 8B	Organic Chem-Brief	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

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MATH 16A	Short Calculus	(3)	MATH 5A	Math Analysis I	(5)
MATH 16B	Short Calculus	(3)	MATH 5B	Math Analysis II	(4)

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PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE		

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**ONE COURSE FROM THE FOLLOWING (3-4 QUARTER UNITS):**

W&F BIO 10	Wildl Ecol Conserve	(4)		NO COMPARABLE COURSE	
W&F BIO 50	Calif Wild Vertebrates	(3)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
W&F BIO 51	Intro to Conservation Biology	(3)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	

**RECOMMENDED COURSES FOR THE WILDLIFE HEALTH AREA OF SPECIALIZATION:**

CHEM 2C	Genl Chemistry	(5)		CHEM 1B	General Chemistry and Qualitative Analysis	(5)
CHEM 118A	Org Chem, Hlth & Sci	(4)		CHEM 28A & CHEM 29A	Organic Chemistry I Organic Chemistry Laboratory I	(3) (2)
CHEM 118B	Org Chem, Hlth & Sci	(4)		CHEM 28A & CHEM 29A & CHEM 28B & CHEM 29B	Organic Chemistry I Organic Chemistry Laboratory I Organic Chemistry II Organic Chemistry Laboratory II	(3) (2) (3) (2)
CHEM 118C	Org Chem, Hlth & Sci	(4)		CHEM 28B & CHEM 29B	Organic Chemistry II Organic Chemistry Laboratory II	(3) (2)
PHYSICS 7A	General Physics	(4)		PHYS 2A & PHYS 2B	General Physics I General Physics II	(4) (4)
PHYSICS 7B	General Physics	(4)		PHYS 2A & PHYS 2B	General Physics I General Physics II	(4) (4)
PHYSICS 7C	General Physics	(4)		PHYS 2A & PHYS 2B	General Physics I General Physics II	(4) (4)

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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 5A	Math Analysis I	(5)
MATH 21B	Calculus	(4)		MATH 5B	Math Analysis II	(4)
MATH 21C	Calculus	(4)		MATH 6	Math Analysis III	(5)
MATH 21D	Vector Analysis	(4)		MATH 6	Math Analysis III	(5)
MATH 22A	Linear Algebra	(3)		MATH 17	Differential Equations and Linear Algebra	(5)
MATH 22B	Differntl Equations	(3)		MATH 17	Differential Equations and Linear Algebra	(5)
CHEM 2A	Genl Chemistry	(5)		CHEM 1A	General Chemistry	(5)

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CHEM 2B	Genl Chemistry	(5)	CHEM 1A & CHEM 1B	General Chemistry General Chemistry and Qualitative Analysis	(5) (5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry and Qualitative Analysis	(5)
CHEM 8A	Organic Chem-Brief	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 8B	Organic Chem-Brief	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 28A & CHEM 29A	Organic Chemistry I Organic Chemistry Laboratory I	(3) (2)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 28A & CHEM 29A & CHEM 28B & CHEM 29B	Organic Chemistry I Organic Chemistry Laboratory I Organic Chemistry II Organic Chemistry Laboratory II	(3) (2) (3) (2)
CHEM 128A	Organic Chemistry	(3)	CHEM 28A	Organic Chemistry I	(3)
CHEM 128B	Organic Chemistry	(3)	CHEM 28A & CHEM 28B	Organic Chemistry I Organic Chemistry II	(3) (3)
CHEM 129A	Organic Chem Lab	(2)	CHEM 29A	Organic Chemistry Laboratory I	(2)
c) PHYSICS 9A	Classical Physics	(5)	PHYS 4A & PHYS 4B & PHYS 4C	Physics for Scientists and Engineers Physics for Scientists and Engineers Physics for Scientists and Engineers	(4) (4) (4)
c) PHYSICS 9B	Classical Physics	(5)	PHYS 4A & PHYS 4B & PHYS 4C	Physics for Scientists and Engineers Physics for Scientists and Engineers Physics for Scientists and Engineers	(4) (4) (4)
c) PHYSICS 9C	Classical Physics	(5)	PHYS 4A & PHYS 4B & PHYS 4C	Physics for Scientists and Engineers Physics for Scientists and Engineers Physics for Scientists and Engineers	(4) (4) (4)
PHYSICS 9D	Modern Physics	(4)	NO COMPARABLE COURSE		
BIMEDEN 20	Fundamentals of Bioengineering	(4)	NO COMPARABLE COURSE		
ENGIN 4	Graphics in Design	(3)	ENGR 2	Engineering Graphics	(4)
ENGIN 6	Engr Prob Solving	(4)	NO COMPARABLE COURSE		
ENGIN 17	Circuits I	(4)	ENGR 6	Electric Circuit	(4)

Analysis with Lab

ENGIN 35	Statics	(4)	ENGR 8	Statics	(3)
ENGIN 45	Prop of Mats	(4)	ENGR 4	Engineering Materials	(3)
ENG CS 20	C Sci/Discrete Math	(4)	CSCI 26	Discrete Mathematics for Computer Science	(4)
ENG CS 36A	Programming	(4)	CSCI 40	Programming Concepts and Methodology I	(4)
	Formerly ENG CS 30		<u>OR</u>		
			ENGR 40	Programming for Scientists and Engineers	(4)
ENG CS 36B	Object-Oriented Program	(4)	CSCI 41	Programming Concepts and Methodology II	(4)
	Formerly ENG CS 40				
ENG CS 50	Machine Dependent Prog	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ENG CS 36C	Data Structures	(4)	NO COMPARABLE COURSE		
	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)	ENGL 1A	Reading and Composition	(4)
			<u>OR</u>		
			ENGL 1AH	Honors Reading and Composition	(4)
ENGLISH 3	Intro to Lit	(4)	ENGL 1B	Introduction to the Study of Literature	(3)
			<u>OR</u>		
			ENGL 1BH	Honors Introduction to the Study of Literature	(3)
COMUNCN 1	Intro Public Spkg	(4)	COMM 1	Public Speaking	(3)
			<u>OR</u>		
			COMM 1H	Honors Public Speaking	(3)
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	NO COMPARABLE COURSE		
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 11A	Biology for Science Majors I	(5)

BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 11A &	Biology for Science Majors I	(5)
			BIOL 11B	Biology for Science Majors II	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 11B	Biology for Science Majors II	(5)
f) GEOLOGY 50	Physical Geology	(3)	GEOL 1	Physical Geology	(4)
ATM SCI 60	Intro to Atmospheric Science	(4)	NO COMPARABLE COURSE		

END OF MAJOR

- c) This articulation is "series for series" only.  
 f) If a student takes GEOL 1 at Clovis Community College, credit will be given for UC Davis's GEOLOGY 1 or 50+50L, not both.