

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

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

Special Advising Note:

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

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

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

In addition to completing preparatory courses for the major, students must also meet UC transfer admission requirements by the close of spring term for fall enrollment at UC Davis. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment. See the UC Davis [transfer admission website](#) for details.

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

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

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit our website for details regarding [UC Davis TAG](#).

General Education (GE) Note:

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

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

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

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

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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ONE COURSE FROM THE FOLLOWING:

AF-AMST 10	Af-Am Culture & Soc	(4)	ICS 10	Introduction to African American Studies	(4)
AF-AMST 12	Intro Afro Studies	(4)	NO COMPARABLE COURSE		

ONE COURSE FROM THE FOLLOWING:

AF-AMST 15	Intro Afro Amer Hum	(4)	NO COMPARABLE COURSE		
AF-AMST 17	Women in Africa	(4)	NO COMPARABLE COURSE		
AF-AMST 18	Intro Caribbean Studies	(4)	NO COMPARABLE COURSE		
AF-AMST 50	Blk Images Pop Cult	(4)	NO COMPARABLE COURSE		
AF-AMST 51	History Af-Amr Dance	(4)	NO COMPARABLE COURSE		
AF-AMST 52	Afr Tradit Relig	(4)	NO COMPARABLE COURSE		
AF-AMST 80	Black Politics	(4)	NO COMPARABLE COURSE		

ONE COURSE FROM THE FOLLOWING:

ANTHRO 2	Cultural Anthropology	(5)	ANTH 2	Cultural Anthropology	(4)
			<u>OR</u>		
			ANTH 2H	Cultural Anthropology - HONORS	(4)
ECON 1A	Princ of Microecon	(4)	ECON 2	Principles of Microeconomics	(4)
			<u>OR</u>		
			ECON 2H	Principles of Microeconomics - HONORS	(4)
ECON 1B	Princ of Macroecon	(4)	ECON 1	Principles of Macroeconomics	(4)
			<u>OR</u>		
			ECON 1H	Principles of Macroeconomics - HONORS	(4)
SOCIOL 1	Intro Sociology	(5)	SOC 1	Introduction to Sociology	(4)
POL SCI 1	Amer Natl Govt	(4)	POLI 1	American Government and Politics	(4)
POL SCI 2	Intro Comp Politics	(4)	POLI 2	Comparative Politics	(4)

PSYCH 1 General Psychology (4) | PSYC 1 General Psychology (4)

ONE COURSE FROM THE FOLLOWING:

CHICANO 10	Intro to Chic Std	(4)	ICS 30	Introduction to Chicano/a and Latino/a Studies	(4)
N A STD 1	Intro NA Studies	(4)	ICS 43	Native American History	(4)
N A STD 10	NA Experience	(4)	ICS 41	Native American Contemporary Society	(4)
AMR STD 10	Intro American Studies	(4)	NO COMPARABLE COURSE		
A A STD 1	Hist Exp Asian Am	(4)	ICS 20	Asian American Experience Past and Present	(4)
A A STD 2	Contemp Issues of Asian Americans	(4)	NO COMPARABLE COURSE		
WOM STD 50	Intro Gender Studies	(4)	WMST 1	Introduction to Women's Studies	(4)

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 17A	History of the United States to Early National Era (4)
			<u>OR</u>	
			HIST 17AH &	History of the United States to Early National Era - HONORS (4)
			HIST 17B	History of the United States From 1800 to 1900 (4)
			<u>OR</u>	
			HIST 17BH	History of the United States from 1800 to 1900 - HONORS (4)
HISTORY 17B	U.S. History	(4)	HIST 17B	History of the United States From 1800 to 1900 (4)
			<u>OR</u>	
			HIST 17BH &	History of the United States from 1800 to 1900 - HONORS (4)
			HIST 17C	History of the United States From 1900 to the Present (4)
			<u>OR</u>	
			HIST 17CH	History of the United States From 1900 to the Present - HONORS (4)

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)	DANC 37A &	Theory and Technique of Jazz Dance I (1)
			DANC 37B	Theory and Technique of Jazz Dance II (1)
DRAMART 41B	Inter Jazz Dance	(2)	NO COMPARABLE COURSE	
DRAMART 44A	Beg Hip Hop Dance	(2-4)	DANC 23L	Theory and Technique of Hip-Hop I (Popular (1)

DRAMART 44B	Inter Hip Hop Dance	(2-4)		DANC 23M	American Dance) Theory and Technique (1) of Hip-Hop II (Popular American Dance II)
MUSIC 28	Introduction to African American Music	(4)		NO COMPARABLE COURSE	

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

listed course, EXCEPT English 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

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

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

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

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

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

HISTORY 17A	U.S. History	(4)	HIST 17A	History of the United States to Early National Era	(4)
			OR		
			HIST 17AH &	History of the United States to Early National Era - HONORS	(4)
			HIST 17B	History of the United States From 1800 to 1900	(4)
			OR		
			HIST 17BH	History of the United States from 1800 to 1900 - HONORS	(4)
	OR			OR	
POL SCI 1	Amer Natl Govt	(4)	POLI 1	American Government and Politics	(4)

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

AN SCI 1	Domest Ani & People	(4)	NO COMPARABLE COURSE		
AN SCI 2	Intro Animal Sci	(4)	NO COMPARABLE COURSE		
AN SCI 21	Livestock&Dairy Jdg	(2)	NO COMPARABLE COURSE		
AN SCI 41	Domestic Ani Prod	(2)	NO COMPARABLE COURSE		
ABIOSYT 16	Metal Prop & Fabr	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
ABIOSYT 49	Fld Equip Oper	(2)	NO COMPARABLE COURSE		
ABIOSYT 52	Field Equip Welding	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
AGRESEC 15	Pop,Envr,World Agri	(4)	NO COMPARABLE COURSE		
	AND		AND		
ECON 1A	Princ of Microecon	(4)	ECON 2	Principles of Microeconomics	(4)
			OR		

			ECON 2H	Principles of Microeconomics - HONORS	(4)
OR			OR		
ECON 1B	Princ of Macroecon	(4)	ECON 1	Principles of Macroeconomics	(4)
			OR		
			ECON 1H	Principles of Macroeconomics - HONORS	(4)

ENVHORT 1	Intro Envhort/Urb For	(3)	NO COMPARABLE COURSE		
ENVHORT 6	Intro Environ Plants	(4)	NO COMPARABLE COURSE		
PL SCI 5	Plants Gard, Orch & Land	(2)	NO COMPARABLE COURSE		
FORMERLY PLANT BIO 1					

ENV S&P 10	Current Issues in Environment	(3)	E S 1	Introduction to Environmental Studies	(4)
			OR		
			ESCI 19	Environmental Biology	(5)
ENV S&P 10 not open for credit to students who have completed ENV S&P 1					
ENV TOX 10	Intro Environ Toxicology	(3)	NO COMPARABLE COURSE		
HYDRO S 10	Water, Power, Society	(3)	NO COMPARABLE COURSE		
Same as: SCI&SOC 10					

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

ALL OF THE FOLLOWING COURSES:					
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 6B	Cell and Molecular Biology	(6)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 6C	Evolution and Ecology	(6)
			OR		
			BIOL 6CH	Ecology and Evolution - HONORS	(6)

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

r) GEOLOGY 1	The Earth	(4)	GEOL 10	Introductory Geology	(5)
GEOLOGY 20	California Geology	(2)	NO COMPARABLE COURSE		
SOILSCI 10	Soils in Our Environment	(3)	NO COMPARABLE COURSE		

MATH 16A	Short Calculus	(3)	MATH 1A	Calculus	(5)
			OR		
			MATH 1AH	Calculus - HONORS	(5)
MATH 16B	Short Calculus	(3)	MATH 1B	Calculus	(5)
			OR		
			MATH 1BH	Calculus - HONORS	(5)
OR			OR		
MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
OR			OR		
MATH 21A	Calculus	(4)	MATH 1A	Calculus	(5)
			OR		
			MATH 1AH	Calculus - HONORS	(5)
MATH 21B	Calculus	(4)	MATH 1B	Calculus	(5)
			OR		

			MATH 1BH	Calculus - HONORS	(5)
PHYSICS 7A	General Physics	(4)	PHYS 2B &	General Introductory Physics	(5)
			PHYS 2C	General Introductory Physics	(5)
PHYSICS 7B	General Physics	(4)	PHYS 2B &	General Introductory Physics	(5)
			PHYS 2C	General Introductory Physics	(5)

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

END OF MAJOR

r) If a student takes GEOL 10 at De Anza 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.

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

Transfer Admission Guarantee (TAG) Note:

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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.

AMR STD 10 Intro American Studies (4) | NO COMPARABLE COURSE

ONE COURSE FROM THE FOLLOWING:

AMR STD 1A Science and American Culture (4) | NO COMPARABLE COURSE

AMR STD 1B Relig in Am Lives (4) | NO COMPARABLE COURSE

AMR STD 1C American Lives (4) | NO COMPARABLE COURSE

AMR STD 1E Nat&Cult Amr (4) | NO COMPARABLE COURSE

AMR STD 5 Tech in Amr Lives (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation

AMR STD 21 Objects & Everyday Life (4) | NO COMPARABLE COURSE

AMR STD 25 U.S. as Business Culture (4) | NO COMPARABLE COURSE

AMR STD 30 Amr Images Pop Cult (4) | NO COMPARABLE COURSE

AMR STD 55 Food in Amer Culture (4) | NO COMPARABLE COURSE
Same as: FD S&T 55

AMR STD 59 Music and American Culture (4) | NO COMPARABLE COURSE

ONE COURSE FROM THE FOLLOWING:

AF-AMST 10 Af-Am Culture & Soc (4) | ICS 10 Introduction to African American Studies (4)

A A STD 1 Hist Exp Asian Am (4) | ICS 20 Asian American Experience Past and Present (4)

CHICANO 10 Intro to Chic Std (4) | ICS 30 Introduction to Chicano/a and Latino/a Studies (4)

N A STD 1 Intro NA Studies (4) | ICS 43 Native American History (4)

ONE COURSE FROM THE FOLLOWING:

ANTHRO 2 Cultural Anthropology (5) | ANTH 2 Cultural Anthropology (4)

OR

ANTH 2H Cultural Anthropology - HONORS (4)

SOCIOL 2 Self and Society (4) | NO COMPARABLE COURSE

WOM STD 50 Intro Gender Studies (4) | WMST 1 Introduction to Women's Studies (4)

ONE COURSE FROM THE FOLLOWING:

HISTORY 17A	U.S. History	(4)	HIST 17A	History of the United States to Early National Era	(4)
			<u>OR</u>		
			HIST 17AH &	History of the United States to Early National Era - HONORS	(4)
			HIST 17B	History of the United States From 1800 to 1900	(4)
			<u>OR</u>		
			HIST 17BH	History of the United States from 1800 to 1900 - HONORS	(4)
HISTORY 17B	U.S. History	(4)	HIST 17B	History of the United States From 1800 to 1900	(4)
			<u>OR</u>		
			HIST 17BH &	History of the United States from 1800 to 1900 - HONORS	(4)
			HIST 17C	History of the United States From 1900 to the Present	(4)
			<u>OR</u>		
			HIST 17CH	History of the United States From 1900 to the Present - HONORS	(4)
HISTORY 72A	Am Women & Gender	(4)	NO COMPARABLE COURSE		
HISTORY 72B	Am Women & Gender	(4)	HIST 9	Women in American History	(4)
			Same as: WMST 9		
			<u>OR</u>		
			HIST 9H	Women in American History - HONORS	(4)
			Same as: WMST 9H		
			<u>OR</u>		
			WMST 9	Women in American History	(4)
			Same as: HIST 9		
			<u>OR</u>		
			WMST 9H	Women in American History - HONORS	(4)
			Same as: HIST 9H		

ONE COURSE FROM THE FOLLOWING:

ENGLISH 3	Intro to Lit	(4)	EWRT 1C	Literature and Composition	(5)
ENGLISH 10A	Literatures in English I: To 1700	(4)	ELIT 46A	Major British Writers (Medieval and Renaissance)	(4)
ENGLISH 10B	Literatures in English II: 1700-1900	(4)	ELIT 46B	Major British Writers (Neo-Classical and Romantic)	(4)
			<u>OR</u>		
			ELIT 48A	Major American Writers (Colonial and Romantic, 1620-1865)	(4)
ENGLISH 10C	Literatures in English III: 1900 to Present	(4)	ELIT 46C	Major British Writers (Victorian and Modern)	(4)
			<u>OR</u>		

		ELIT 48C	Major American Writers (4) (The Modern Age, 1914 - The Present)	
e) FILM ST 1	Intro to Film Studies (4)	F/TV 1	Introduction to Cinematic Arts	(4)
		OR		
		F/TV 2A &	History of the Cinema (1895-1950)	(4)
		F/TV 2B	History of Cinema (1950-Present)	(4)

END OF MAJOR

e) Students who complete F/TV 2A and 2B at DeAnza College will receive credit at UC Davis for CINE&TS 41A and 41B or for FILM ST 1.

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

Special Advising Note:

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

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

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

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

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

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

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

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

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

BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 6B	Cell and Molecular Biology	(6)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 6C	Evolution and Ecology	(6)
			OR		
			BIOL 6CH	Ecology and Evolution - HONORS	(6)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 6A	Form and Function in the Biological World	(6)
			OR		
			BIOL 6AH	Form and Function in the Biological World - HONORS	(6)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1C	General Chemistry and Qualitative Analysis	(5)
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
	OR		OR		
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 12A	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 12B	Organic Chemistry	(5)
MATH 16A	Short Calculus	(3)	MATH 1A	Calculus	(5)
			OR		
			MATH 1AH	Calculus - HONORS	(5)
MATH 16B	Short Calculus	(3)	MATH 1B	Calculus	(5)

MATH 16C	Short Calculus	(3)	<u>OR</u>	MATH 1BH	Calculus - HONORS	(5)
				MATH 1C	Calculus	(5)
MATH 17A MATH 17B MATH 17C	Calculus for BioSci	(4)	<u>OR</u>	MATH 1CH	Calculus - HONORS	(5)
				<u>OR</u>		
				NO COMPARABLE COURSE		
				NO COMPARABLE COURSE		
MATH 21A	Calculus	(4)	<u>OR</u>	MATH 1A	Calculus	(5)
				<u>OR</u>		
MATH 21B	Calculus	(4)		MATH 1AH	Calculus - HONORS	(5)
				MATH 1B	Calculus	(5)
MATH 21C	Calculus	(4)	<u>OR</u>	MATH 1BH	Calculus - HONORS	(5)
				MATH 1C	Calculus	(5)
				<u>OR</u>		
				MATH 1CH	Calculus - HONORS	(5)

PHYSICS 7A	General Physics	(4)	PHYS 2B &	General Introductory Physics	(5)
			PHYS 2C	General Introductory Physics	(5)
PHYSICS 7B	General Physics	(4)	PHYS 2B &	General Introductory Physics	(5)
			PHYS 2C	General Introductory Physics	(5)
PHYSICS 7C	General Physics	(4)	PHYS 2B &	General Introductory Physics	(5)
			PHYS 2C	General Introductory Physics	(5)

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

o) STATIST 13	Elementary Statistics	(4)	MATH 10	Elementary Statistics and Probability	(5)
			<u>OR</u>		
			MATH 10H	Elementary Statistics and Probability - HONORS	(5)
			<u>OR</u>		
			PSYC 15	Basic Statistics and Research Methods in Social and Behavioral Sciences	(4)
				Same as: SOC 15	

AN BIOL 50A	Animal Biol Lab	(2)	NO COMPARABLE COURSE
AN BIOL 50B	Animal Biology	(3)	NO COMPARABLE COURSE
AN BIOL 50C	Animal Biology	(3)	NO COMPARABLE COURSE

END OF MAJOR

o) Students who complete PSYC 15 or SOC 15 at DeAnza College will receive credit at UC Davis for PSYCH 41 or STATIST 13 or SOCIOL 46A, not more than one course.

====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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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 6B Cell and Molecular Biology (6)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 6C Evolution and Ecology (6)
			<u>OR</u>
			BIOL 6CH Ecology and Evolution - HONORS (6)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 6A Form and Function in the Biological World (6)
			<u>OR</u>
			BIOL 6AH Form and Function in the Biological World - HONORS (6)
<hr/>			
CHEM 2A	Genl Chemistry	(5)	CHEM 1A General Chemistry (5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1B General Chemistry (5)
<hr/>			
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE
<hr/>			
PL SCI 21	Computers in Technology	(3)	NO COMPARABLE COURSE
	<u>OR</u>		<u>OR</u>
B) ENG CS 15	Intro to Computers	(4)	NO COMPARABLE COURSE
<hr/>			
ECON 1A	Princ of Microecon	(4)	ECON 2 Principles of Microeconomics (4)
			<u>OR</u>
			ECON 2H Principles of Microeconomics - HONORS (4)
ECON 1B	Princ of Macroecon	(4)	ECON 1 Principles of Macroeconomics (4)
			<u>OR</u>
			ECON 1H Principles of Macroeconomics - HONORS (4)
<hr/>			
MGMT 11A	Elem Accounting	(4)	ACCT 1A Financial Accounting I (5)

MGMT 11B	Elem Accounting	(4)	ACCT 1B & ACCT 1C	Financial Accounting II Managerial Accounting	(5) (5)
MATH 16A	Short Calculus	(3)	MATH 1A	Calculus	(5)
			<u>OR</u>		
MATH 16B	Short Calculus	(3)	MATH 1AH	Calculus - HONORS	(5)
			MATH 1B	Calculus	(5)
			<u>OR</u>		
MATH 16C	Short Calculus	(3)	MATH 1BH	Calculus - HONORS	(5)
			MATH 1C	Calculus	(5)
			<u>OR</u>		
	<u>OR</u>		MATH 1CH	Calculus - HONORS	(5)
MATH 17A	Calculus for BioSci	(4)	<u>OR</u>		
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
	<u>OR</u>		<u>OR</u>		
MATH 21A	Calculus	(4)	MATH 1A	Calculus	(5)
			<u>OR</u>		
MATH 21B	Calculus	(4)	MATH 1AH	Calculus - HONORS	(5)
			MATH 1B	Calculus	(5)
			<u>OR</u>		
MATH 21C	Calculus	(4)	MATH 1BH	Calculus - HONORS	(5)
			MATH 1C	Calculus	(5)
			<u>OR</u>		
			MATH 1CH	Calculus - HONORS	(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 COMPARABLE COURSE
AN SCI 41L	Domest An Prod Lab	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation

EQUINE SPECIALIZATION

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

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

POULTRY SPECIALIZATION

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

AGRESEC 18	Business Law	(4)	NO COMPARABLE COURSE
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END OF MAJOR

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

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 6B	Cell and Molecular Biology	(6)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 6C	Evolution and Ecology	(6)
			OR		
			BIOL 6CH	Ecology and Evolution - HONORS	(6)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 6A	Form and Function in the Biological World	(6)
			OR		
			BIOL 6AH	Form and Function in the Biological World - HONORS	(6)

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

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

MATH 16A	Short Calculus	(3)	MATH 1A	Calculus	(5)
			<u>OR</u>		
			MATH 1AH	Calculus - HONORS	(5)
MATH 16B	Short Calculus	(3)	MATH 1B	Calculus	(5)
			<u>OR</u>		
			MATH 1BH	Calculus - HONORS	(5)
	<u>OR</u>			<u>OR</u>	
MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		

MATH 21A	Calculus	(4)	OR	MATH 1A	Calculus	(5)
				<u>OR</u>		
MATH 21B	Calculus	(4)		MATH 1AH	Calculus - HONORS	(5)
				MATH 1B	Calculus	(5)
			<u>OR</u>			
				MATH 1BH	Calculus - HONORS	(5)

AREAS OF SPECIALIZATION:

AQUATIC ANIMALS

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

AVIAN SCIENCES

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

COMPANION AND CAPTIVE ANIMALS

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

EQUINE SCIENCE

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

LABORATORY ANIMALS

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

POULTRY

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

END OF MAJOR

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

Special Advising Note:

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

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

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

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College Foreign Language Requirement Note:

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

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EVOLUTIONARY EMPHASIS:

ANTHRO 1	Human Evol Biol	(4)	ANTH 1	Physical Anthropology	(4)
			OR		
			ANTH 1H	Physical Anthropology - HONORS	(4)
ANTHRO 2	Cultural Anthropology	(5)	ANTH 2	Cultural Anthropology	(4)
			OR		
			ANTH 2H	Cultural Anthropology - HONORS	(4)
ANTHRO 3	Intr to Archaeology	(4)	ANTH 3	Introduction to Archaeology	(4)

ONE COURSE FROM THE FOLLOWING:

ANTHRO 15	Human Life Cycle	(5)	NO COMPARABLE COURSE	
ANTHRO 23	Intr World Prehist	(4)	ANTH 4	World Prehistory (4)
ANTHRO 24	Ancient Crops and People	(4)	NO COMPARABLE COURSE	
ANTHRO 50	Evolution and Human Nature	(4)	NO COMPARABLE COURSE	
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 COMPARABLE COURSE	
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE	
o) STATIST 13	Elementary Statistics	(4)	MATH 10	Elementary Statistics (5) and Probability
Same as: STATIST 13Y			OR	
			MATH 10H	Elementary Statistics (5) and Probability -

				HONORS	
			<u>OR</u>		
			PSYC 15	Basic Statistics and Research Methods in Social and Behavioral Sciences	(4)
				Same as: SOC 15	
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		
<u>SOCIOCULTURAL EMPHASIS:</u>					
ANTHRO 2	Cultural Anthropology	(5)	ANTH 2	Cultural Anthropology	(4)
			<u>OR</u>		
			ANTH 2H	Cultural Anthropology - HONORS	(4)

TWO COURSES FROM THE FOLLOWING:

ANTHRO 1	Human Evol Biol	(4)	ANTH 1	Physical Anthropology	(4)
			<u>OR</u>		
			ANTH 1H	Physical Anthropology - HONORS	(4)
ANTHRO 3	Intr to Archaeology	(4)	ANTH 3	Introduction to Archaeology	(4)
ANTHRO 4	Anthro Linguistics	(4)	ANTH 6	Linguistic Anthropology	(4)

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 COMPARABLE COURSE
	Same as: SCI&TEC 32		
ANTHRO 34	Cultures of Consumerism	(4)	NO COMPARABLE COURSE

END OF MAJOR

o) Students who complete PSYC 15 or SOC 15 at DeAnza College will receive credit at UC Davis for PSYCH 41 or STATIST 13 or SOCIOL 46A, not more than one course.

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

Special Advising Note:

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				ANTH 1H	Physical Anthropology - HONORS	(4)
ANTHRO 2	Cultural Anthropology	(5)	OR	ANTH 2	Cultural Anthropology	(4)
				ANTH 2H	Cultural Anthropology - HONORS	(4)
ANTHRO 3	Intr to Archaeology	(4)		ANTH 3	Introduction to Archaeology	(4)
<hr/>						
BIOLSCI 2A	Intro Biology:Life on Earth	(5)		BIOL 6B	Cell and Molecular Biology	(6)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL 6C	Evolution and Ecology	(6)
				OR		
				BIOL 6CH	Ecology and Evolution - HONORS	(6)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOL 6A	Form and Function in the Biological World	(6)
				OR		
				BIOL 6AH	Form and Function in the Biological World - HONORS	(6)
<hr/>						
CHEM 2A	Genl Chemistry	(5)		CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 1B	General Chemistry	(5)
<hr/>						
CHEM 8A	Organic Chem-Brief	(2)		NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)		NO COMPARABLE COURSE		
				OR		
CHEM 118A	Org Chem, Hlth & Sci	(4)		CHEM 12A	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)		CHEM 12B	Organic Chemistry	(5)
<hr/>						
MATH 16A	Short Calculus	(3)		MATH 1A	Calculus	(5)
				OR		

MATH 16B	Short Calculus	(3)	MATH 1AH	Calculus - HONORS	(5)
			MATH 1B	Calculus	(5)
			<u>OR</u>		
MATH 16C	Short Calculus	(3)	MATH 1BH	Calculus - HONORS	(5)
			MATH 1C	Calculus	(5)
			<u>OR</u>		
			MATH 1CH	Calculus - HONORS	(5)
	<u>OR</u>		<u>OR</u>		
MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
	<u>OR</u>		<u>OR</u>		
MATH 21A	Calculus	(4)	MATH 1A	Calculus	(5)
			<u>OR</u>		
MATH 21B	Calculus	(4)	MATH 1AH	Calculus - HONORS	(5)
			MATH 1B	Calculus	(5)
			<u>OR</u>		
MATH 21C	Calculus	(4)	MATH 1BH	Calculus - HONORS	(5)
			MATH 1C	Calculus	(5)
			<u>OR</u>		
			MATH 1CH	Calculus - HONORS	(5)

ONE COURSE FROM THE FOLLOWING:

ANTHRO 13	Sci Method in Physical Anthropology	(4)	NO COMPARABLE COURSE		
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE		
o) STATIST 13	Elementary Statistics	(4)	MATH 10	Elementary Statistics and Probability	(5)
Same as: STATIST 13Y			<u>OR</u>		
			MATH 10H	Elementary Statistics and Probability - HONORS	(5)
			<u>OR</u>		
			PSYC 15	Basic Statistics and Research Methods in Social and Behavioral Sciences	(4)
			Same as: SOC 15		
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		

END OF MAJOR

o) Students who complete PSYC 15 or SOC 15 at DeAnza College will receive credit at UC Davis for PSYCH 41 or STATIST 13 or SOCIOL 46A, not more than one course.

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

Special Advising Note:

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

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

enrollment.

Transfer Admission Guarantee (TAG) Note:

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

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

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

Recommended Language Preparation Note:

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

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

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

MATH 21A	Calculus	(4)	MATH 1A	Calculus	(5)
			<u>OR</u>		
			MATH 1AH	Calculus - HONORS	(5)
MATH 21B	Calculus	(4)	MATH 1B	Calculus	(5)
			<u>OR</u>		
			MATH 1BH	Calculus - HONORS	(5)
MATH 21C	Calculus	(4)	MATH 1C	Calculus	(5)
			<u>OR</u>		
			MATH 1CH	Calculus - HONORS	(5)
MATH 21D	Vector Analysis	(4)	MATH 1D	Calculus	(5)
			<u>OR</u>		
			MATH 1DH	Calculus - HONORS	(5)
MATH 22B	Differntl Equations	(3)	MATH 2A	Differential Equations	(5)
MATH 22AL	Lin Alg Comp Lab	(1)	NO COMPARABLE COURSE		
or equivalent basic knowledge of MATLAB.					
BOTH OF THE FOLLOWING COURSES:					
MATH 22A	Linear Algebra	(3)	MATH 2B	Linear Algebra	(5)
	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 COMPARABLE COURSE		

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.

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)		BIOL 6B	Cell and Molecular Biology	(6)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL 6C	Evolution and Ecology	(6)
				<u>OR</u>		
				BIOL 6CH	Ecology and Evolution - HONORS	(6)
	<u>OR</u>			<u>OR</u>		
CHEM 2A	Genl Chemistry	(5)		CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 1B	General Chemistry	(5)
	<u>OR</u>			<u>OR</u>		
ECON 1A	Princ of Microecon	(4)		ECON 2	Principles of Microeconomics	(4)
				<u>OR</u>		
				ECON 2H	Principles of Microeconomics - HONORS	(4)
ECON 1B	Princ of Macroecon	(4)		ECON 1	Principles of Macroeconomics	(4)
				<u>OR</u>		
				ECON 1H	Principles of Macroeconomics - HONORS	(4)
	<u>OR</u>			<u>OR</u>		
PHYSICS 9A	Classical Physics	(5)		PHYS 4A	Physics for Scientists and Engineers: Mechanics	(6)
PHYSICS 9B	Classical Physics	(5)		PHYS 4C	Physics for Scientists and Engineers: Fluids, Waves, Optics and Thermodynamics	(6)
	<u>OR</u>			<u>OR</u>		
STATIST 32	Gateway to Data Science	(4)		NO COMPARABLE COURSE		
STATIST 100	Applied Stats for Bio Sci	(4)		This course must be taken at UC Davis		

OR

OTHER APPROVED APPLIED PREPARATORY COURSES

END OF MAJOR

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

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is highly recommended that students complete a calculus-based physics series, a calculus series through linear algebra and differential equations, and a formal course in C programming before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree. As a result, students who expect to graduate in two years will need the recommended courses upon entry.

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

Special Advising Note for future applicants:*

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

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

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

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

*Information for future applicants is subject to change

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

PHYSICS 9B	Classical Physics	(5)	PHYS 4C	and Engineers: Mechanics Physics for Scientists (6) and Engineers: Fluids, Waves, Optics and Thermodynamics
PHYSICS 9C	Classical Physics	(5)	PHYS 4B	Physics for Scientists (6) and Engineers: Electricity and Magnetism
PHYSICS 9D	Modern Physics	(4)	PHYS 4D	Physics for Scientists (6) and Engineers: Modern Physics
OR			OR	
PHYSICS 9HA	Honors Physics	(5)	NO COMPARABLE COURSE	
PHYSICS 9HB	Honors Physics	(5)	NO COMPARABLE COURSE	
PHYSICS 9HC	Honors Physics	(5)	NO COMPARABLE COURSE	
PHYSICS 9HD	Honors Physics	(5)	NO COMPARABLE COURSE	
PHYSICS 9HE	Honors Physics	(5)	NO COMPARABLE COURSE	

MATH 21A	Calculus	(4)	MATH 1A	Calculus (5)
			OR	
MATH 21B	Calculus	(4)	MATH 1AH	Calculus - HONORS (5)
			MATH 1B	Calculus (5)
			OR	
MATH 21C	Calculus	(4)	MATH 1BH	Calculus - HONORS (5)
			MATH 1C	Calculus (5)
			OR	
MATH 21D	Vector Analysis	(4)	MATH 1CH	Calculus - HONORS (5)
			MATH 1D	Calculus (5)
			OR	
MATH 22A	Linear Algebra	(3)	MATH 1DH	Calculus - HONORS (5)
MATH 22B	Differntl Equations	(3)	MATH 2B	Linear Algebra (5)
			MATH 2A	Differential Equations (5)

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

CHEMICAL PHYSICS CONCENTRATION				
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry (5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1B	General Chemistry (5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1C	General Chemistry and (5) Qualitative Analysis
PHYSICS 40	Intr Physics Computation	(4)	NO COURSE ARTICULATED	

COMPUTATIONAL PHYSICS CONCENTRATION				
ENG CS 36A	Programming	(4)	CIS 22A	Beginning Programming (4.5) Methodologies in C++
Formerly ENG CS 30			OR	
			CIS 26A	C as a Second (4.5) Programming Language
			OR	
			CIS 26B	Advanced C (4.5) Programming
			OR	
			CIS 35A	Java Programming (4.5)
			OR	
			CIS 36A	Introduction to (4.5) Computer Programming Using Java
ENG CS 36B	Object-Oriented Program	(4)	CIS 22B	Intermediate (4.5) Programming Methodologies in C++
Formerly ENG CS 40				

	<u>OR</u>	CIS 22BH	Intermediate Programming Methodologies in C++ - HONORS	(4.5)
	<u>OR</u>	CIS 27	Programming in C++ for C/Java Programmers	(4.5)
	<u>OR</u>	CIS 28	Object Oriented Analysis and Design	(4.5)
	<u>OR</u>	CIS 29	Advanced C++ Programming	(4.5)
	<u>OR</u>	CIS 35B	Advanced Java Programming	(4.5)
	<u>OR</u>	CIS 36B	Intermediate Problem Solving in Java	(4.5)

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

GEOPHYSICS CONCENTRATION

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

MATERIALS SCIENCE CONCENTRATION

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

PHYSICAL ELECTRONICS CONCENTRATION

ENGIN 17	Circuits I	(4)	ENGR 37	Introduction to Circuit Analysis	(5)
PHYSICS 40	Intr Physics Computation	(4)	NO COURSE	ARTICULATED	
PHYSICS 80	Experimental Techniques	(4)	NO COURSE	ARTICULATED	

PHYSICAL OCEANOGRAPHY CONCENTRATION

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

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

FOUR COURSES FROM THE FOLLOWING:

ARTHI 1A	Ancient Mediterranean Art	(4)	ARTS 2A	History of Art: Europe (4) from Prehistory through Early Christianity
ARTHI 1B	Mediev&Renaiss Art	(4)	ARTS 2B	History of Art: Europe (4) During the Middle Ages and the Renaissance
ARTHI 1C	Baroque to Modern Art	(4)	ARTS 2C	History of Art: Europe (4) from the Baroque Period through Impressionism
			OR	
			ARTS 2D	History of Art: Europe (4) and the United States from Post-Impressionism to the Present
ARTHI 1D	Arts of Asia	(4)	INTL 10	History of Art (Arts of (4) Asia)
			Same as: ARTS 2G	
			OR	
			ARTS 2G	History of Art: Arts of (4) Asia
			Same as: INTL 10	
ARTHI 1E	Islamic Art & Architecture	(4)	ARTS 2K	History of Art: Visual (4) Arts of Islam
			Same as: INTL 23	
			OR	
			INTL 23	History of Art (Visual (4) Arts of Islam)
			Same as: ARTS 2K	

ARTHI 5	Visual Culture	(4)	NO COMPARABLE COURSE	
ARTHI 25	Understanding Architecture	(4)	ARTS 1B	Architecture Past and Present (4)

ONE ART STUDIO COURSE FROM:

ART 2	Beginning Drawing	(4)	ARTS 4A	Beginning Drawing	(4)
ART 5	Beginning Sculpture	(4)	ARTS 37A	Sculpture	(4)
			<u>OR</u>		
			ARTS 37B	Intermediate Sculpture	(4)
ART 7	Beginning Painting	(4)	ARTS 14A	Watercolor Painting I	(4)
			<u>OR</u>		
			ARTS 15A	Acrylic Painting I	(4)
			<u>OR</u>		
			ARTS 16A	Oil Painting I	(4)
ART 8	Beginning Ceramic Sculpture	(4)	NO COMPARABLE COURSE		
ART 9	Beginning Photography	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ART 11	Beginning Printmaking	(4)	NO COMPARABLE COURSE		
ART 12	Beginning Video	(4)	F/TV 20	Beginning Video Production	(4)
ART 24	Intro Experimental Video and Film	(4)	F/TV 45	History of Experimental Film/Video	(4)

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

FOUR COURSES FROM THE FOLLOWING:

ART 2	Beginning Drawing	(4)	ARTS 4A	Beginning Drawing	(4)
ART 5	Beginning Sculpture	(4)	ARTS 37A	Sculpture	(4)
OR					
ART 7	Beginning Painting	(4)	ARTS 37B	Intermediate Sculpture	(4)
			ARTS 14A	Watercolor Painting I	(4)
			OR		
			ARTS 15A	Acrylic Painting I	(4)
			OR		
			ARTS 16A	Oil Painting I	(4)
ART 8	Beginning Ceramic Sculpture	(4)	NO COMPARABLE COURSE		
ART 9	Beginning Photography	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ART 11	Beginning Printmaking	(4)	NO COMPARABLE COURSE		
ART 12	Beginning Video	(4)	F/TV 20	Beginning Video Production	(4)

TWO LECTURE COURSES CHOSEN FROM THE FOLLOWING:

ART 24	Intro Experimental Video and Film	(4)	F/TV 45	History of Experimental Film/Video	(4)
ART 30	Contemp Vis Culture	(4)	ARTS 3TD	American Art (Public and Private)	(4)
ARTHI 1A	Ancient Mediterranean Art	(4)	ARTS 2A	History of Art: Europe from Prehistory through Early Christianity	(4)
ARTHI 1B	Mediev&Renaiss Art	(4)	ARTS 2B	History of Art: Europe During the Middle Ages and the Renaissance	(4)
ARTHI 1C	Baroque to Modern Art	(4)	ARTS 2C	History of Art: Europe from the Baroque Period through Impressionism	(4)
OR					
ARTHI 1D	Arts of Asia	(4)	ARTS 2D	History of Art: Europe and the United States from Post-Impressionism to the Present	(4)
			INTL 10	History of Art (Arts of Asia)	(4)
			Same as: ARTS 2G		
ARTHI 1E	Islamic Art & Architecture	(4)	OR		
			ARTS 2G	History of Art: Arts of Asia	(4)
			Same as: INTL 10		
ARTHI 5	Visual Culture	(4)	ARTS 2K	History of Art: Visual Arts of Islam	(4)
			Same as: INTL 23		
			OR		
			INTL 23	History of Art (Visual Arts of Islam)	(4)
			Same as: ARTS 2K		
			NO COMPARABLE COURSE		

ARTHI 25	Understanding Architecture	(4)	ARTS 1B	Architecture Past and Present	(4)
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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](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

A A STD 1	Hist Exp Asian Am	(4)	ICS 20	Asian American Experience Past and Present	(4)
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 COMPARABLE COURSE		

A A STD 4	Asian Amer Cultural Studies	(4)	NO COMPARABLE COURSE
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AT LEAST TWO COURSES FROM THE FOLLOWING:

AF-AMST 10	Af-Am Culture & Soc	(4)	ICS 10 Introduction to African American Studies	(4)
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 COMPARABLE COURSE	
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 COURSE ARTICULATED: College has not submitted course(s)for articulation	
AMR STD 10	Intro American Studies	(4)	NO COMPARABLE COURSE	
AMR STD 21	Objects & Everyday Life	(4)	NO COMPARABLE COURSE	
AMR STD 25	U.S. as Business Culture	(4)	NO COMPARABLE COURSE	
AMR STD 30	Amr Images Pop Cult	(4)	NO COMPARABLE COURSE	
AMR STD 55	Food in Amer Culture	(4)	NO COMPARABLE COURSE	
Same as: FD S&T 55				
AMR STD 59	Music and American Culture	(4)	NO COMPARABLE COURSE	
CHICANO 10	Intro to Chic Std	(4)	ICS 30 Introduction to Chicano/a and Latino/a Studies	(4)
CHICANO 21	Hlth Care Issues	(4)	NO COMPARABLE COURSE	
CHICANO 30	US Poli & Chicanos	(4)	NO COMPARABLE COURSE	
CHICANO 40	Comparative Health	(4)	NO COMPARABLE COURSE	
CHICANO 50	Chicano Culture	(4)	ICS 31 Chicano/a Culture	(4)
CHICANO 60	Chicana and Chicano Representn in Cinema	(4)	NO COMPARABLE COURSE	
CHICANO 65	New Latin American Cinema	(4)	NO COMPARABLE COURSE	
CHICANO 70	Survey Chic Art	(4)	ICS 33 The Chicano/a and Latino/a and the Arts	(4)
CHICANO 73	Art Expr Silk Scr	(4)	NO COMPARABLE COURSE	
N A STD 1	Intro NA Studies	(4)	ICS 43 Native American History	(4)
N A STD 5	Intro NA Literature	(4)	ICS 46 Native American Literatures	(4)
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)	ICS 41 Native American Contemporary Society	(4)
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)	ICS 45 Survey of Native American Arts	(4)
N A STD 34	NA Art Workshop	(4)	NO COMPARABLE COURSE	
WOM STD 20	Cult Repr of Gnдр	(4)	NO COMPARABLE COURSE	
WOM STD 25	Gender & Global Cinema	(4)	NO COMPARABLE COURSE	
WOM STD 50	Intro Gender Studies	(4)	WMST 1 Introduction to Women's Studies	(4)

WOM STD 60	Feminist Critiques	(4)	NO COMPARABLE COURSE	
WOM STD 70	Sexual:Thry&Hist	(4)	NO COMPARABLE COURSE	
AT LEAST TWO COURSES FROM THE FOLLOWING METHODS COURSES:				
ANTHRO 13	Sci Method in Physical Anthropology	(4)	NO COMPARABLE COURSE	
ARTHI 5	Visual Culture	(4)	NO COMPARABLE COURSE	
ART 10	Fine Art Appreciation	(4)	ARTS 1A	Introduction to the Visual Arts (4)
ART 30	Contemp Vis Culture	(4)	ARTS 3TD	American Art (Public and Private) (4)
CHICANO 23	Qualitative Research Methods	(4)	NO COMPARABLE COURSE	
ENGLISH 42	Approaches to Reading	(4)	NO COMPARABLE COURSE	
PHILOS 5	Critical Reasoning	(4)	PHIL 4	Critical Thinking (4)
N A STD 46	Orientation to Research in NAS	(4)	NO COMPARABLE COURSE	
POL SCI 51	Scientific Study of Politics	(4)	NO COMPARABLE COURSE	
o) PSYCH 41	Research Methods	(4)	PSYC 15	Basic Statistics and Research Methods in Social and Behavioral Sciences (4)
			Same as: SOC 15	
o) SOCIO 46A	Intro Social Rsch	(4)	SOC 15	Basic Statistics and Research Methods in Social and Behavioral Sciences (4)
			Same as: PSYC 15	
SOCIO 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE	
o) STATIST 13	Elementary Statistics	(4)	MATH 10	Elementary Statistics and Probability (5)
Same as: STATIST 13Y			<u>OR</u>	
			MATH 10H	Elementary Statistics and Probability - HONORS (5)
			<u>OR</u>	
			PSYC 15	Basic Statistics and Research Methods in Social and Behavioral Sciences (4)
			Same as: SOC 15	

END OF MAJOR

o) Students who complete PSYC 15 or SOC 15 at DeAnza College will receive credit at UC Davis for PSYCH 41 or STATIST 13 or SOCIO 46A, not more than one course.

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

Special Advising Note:

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

PL SCI 2	Bot Physio Cul Plt	(4)	NO COMPARABLE COURSE
CHEM 2A	Genl Chemistry	(5)	CHEM 1A General Chemistry (5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1B General Chemistry (5)
ENG CS 36A	Programming	(4)	CIS 22A Beginning Programming (4.5)
Formerly ENG CS 30			Methodologies in C++
			<u>OR</u>
			CIS 26A C as a Second (4.5)
			Programming Language
			<u>OR</u>
			CIS 26B Advanced C (4.5)
			Programming
			<u>OR</u>
			CIS 35A Java Programming (4.5)
			<u>OR</u>
			CIS 36A Introduction to (4.5)
			Computer Programming
			Using Java

or a course selected with advisor's approval

MATH 21A	Calculus	(4)	MATH 1A Calculus (5)
			<u>OR</u>
MATH 21B	Calculus	(4)	MATH 1AH Calculus - HONORS (5)
			MATH 1B Calculus (5)
			<u>OR</u>
MATH 21C	Calculus	(4)	MATH 1BH Calculus - HONORS (5)
			MATH 1C Calculus (5)
			<u>OR</u>
MATH 21D	Vector Analysis	(4)	MATH 1CH Calculus - HONORS (5)
			MATH 1D Calculus (5)
			<u>OR</u>
MATH 22A	Linear Algebra	(3)	MATH 1DH Calculus - HONORS (5)
MATH 22B	Differntl Equations	(3)	MATH 2B Linear Algebra (5)
			MATH 2A Differential Equations (5)
ATM SCI 60	Intro to Atmospheric Science	(4)	NO COMPARABLE COURSE
PHYSICS 9A	Classical Physics	(5)	PHYS 4A Physics for Scientists (6)
			and Engineers:
PHYSICS 9B	Classical Physics	(5)	Mechanics
			PHYS 4C Physics for Scientists (6)
			and Engineers: Fluids,
PHYSICS 9C	Classical Physics	(5)	Waves, Optics and
			Thermodynamics
			PHYS 4B Physics for Scientists (6)
			and Engineers:
			Electricity and
			Magnetism
o) STATIST 13	Elementary Statistics	(4)	MATH 10 Elementary Statistics (5)
Same as: STATIST 13Y			and Probability
			<u>OR</u>
			MATH 10H Elementary Statistics (5)
			and Probability -

HONORS

OR

PSYC 15

Basic Statistics and (4)
Research Methods in
Social and Behavioral
Sciences

Same as: SOC 15

PREPARATION FOR GRADUATION:

ENGIN 6 Engr Prob Solving

(4) | NO COMPARABLE COURSE

END OF MAJOR

o) Students who complete PSYC 15 or SOC 15 at DeAnza College will receive credit at UC Davis for PSYCH 41 or STATIST 13 or SOCIOL 46A, not more than one course.

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

Special Advising Note:

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

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

Any required courses that are offered at your current college must be completed by the close of spring term for fall enrollment at UC Davis. If required

courses are not offered at your California Community College (i.e. those identified on ASSIST as NO COMPARABLE COURSE or NO COURSE ARTICULATED), you must complete them after enrolling at UC Davis.

In addition to completing preparatory courses for the major, students must also meet UC transfer admission requirements by the close of spring term for fall enrollment at UC Davis. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment. See the UC Davis [transfer admission website](#) for details.

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

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit our website for details regarding [UC Davis TAG](#).

General Education (GE) Note:

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

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

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

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

END OF MAJOR

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

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 6B	Cell and Molecular Biology	(6)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 6C	Evolution and Ecology	(6)
			OR		
			BIOL 6CH	Ecology and Evolution - HONORS	(6)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 6A	Form and Function in the Biological World	(6)
			OR		
			BIOL 6AH	Form and Function in the Biological World - HONORS	(6)

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

MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
	OR		OR		
MATH 21A	Calculus	(4)	MATH 1A	Calculus	(5)
			OR		
			MATH 1AH	Calculus - HONORS	(5)
MATH 21B	Calculus	(4)	MATH 1B	Calculus	(5)
			OR		
			MATH 1BH	Calculus - HONORS	(5)

PHYSICS 7A	General Physics	(4)	PHYS 2B &	General Introductory Physics	(5)
			PHYS 2C	General Introductory Physics	(5)
PHYSICS 7B	General Physics	(4)	PHYS 2B &	General Introductory Physics	(5)
			PHYS 2C	General Introductory Physics	(5)
PHYSICS 7C	General Physics	(4)	PHYS 2B &	General Introductory Physics	(5)
			PHYS 2C	General Introductory Physics	(5)

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

	OR		OR		
PHYSICS 9A	Classical Physics	(5)	PHYS 4A	Physics for Scientists and Engineers:	(6)

PHYSICS 9B	Classical Physics	(5)	PHYS 4C	Mechanics Physics for Scientists (6) and Engineers: Fluids, Waves, Optics and Thermodynamics
PHYSICS 9C	Classical Physics	(5)	PHYS 4B	Physics for Scientists (6) and Engineers: Electricity and Magnetism

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

RECOMMENDED:

MATH 21C	Calculus	(4)	MATH 1C	Calculus	(5)
			OR		
			MATH 1CH	Calculus - HONORS	(5)

END OF MAJOR

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

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

It is also strongly recommended that transfer students complete courses

comparable to the following UC Davis courses. Completion of these courses will help you move more efficiently toward graduation. Courses should be taken for a letter grade, with no grade less than C:

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 6B	Cell and Molecular Biology	(6)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 6C	Evolution and Ecology	(6)
			OR		
			BIOL 6CH	Ecology and Evolution - HONORS	(6)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 6A	Form and Function in the Biological World	(6)
			OR		
			BIOL 6AH	Form and Function in the Biological World - HONORS	(6)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
	OR		OR		
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 12A	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 12B	Organic Chemistry	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 12C	Organic Chemistry	(5)
MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
	OR		OR		
MATH 21A	Calculus	(4)	MATH 1A	Calculus	(5)
			OR		
			MATH 1AH	Calculus - HONORS	(5)
MATH 21B	Calculus	(4)	MATH 1B	Calculus	(5)
			OR		
			MATH 1BH	Calculus - HONORS	(5)
PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
PHYSICS 1B	Principles Physics	(3)	PHYS 2A	General Introductory Physics	(5)
	OR		OR		
PHYSICS 7A	General Physics	(4)	PHYS 2B &	General Introductory Physics	(5)
			PHYS 2C	General Introductory Physics	(5)
PHYSICS 7B	General Physics	(4)	PHYS 2B &	General Introductory Physics	(5)
			PHYS 2C	General Introductory Physics	(5)
PHYSICS 7C	General Physics	(4)	PHYS 2B &	General Introductory Physics	(5)
			PHYS 2C	General Introductory Physics	(5)

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

RECOMMENDED COURSES FOR THIS MAJOR:

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

MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
	OR			OR	
MATH 21C	Calculus	(4)	MATH 1C	Calculus	(5)
			OR		
			MATH 1CH	Calculus - HONORS	(5)

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 6B	Cell and Molecular Biology	(6)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 6C	Evolution and Ecology	(6)
			OR		
			BIOL 6CH	Ecology and Evolution - HONORS	(6)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 6A	Form and Function in the Biological World	(6)
			OR		
			BIOL 6AH	Form and Function in the Biological World - HONORS	(6)
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CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1C	General Chemistry and Qualitative Analysis	(5)
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CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
	OR		OR		
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 12A	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 12B	Organic Chemistry	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 12C	Organic Chemistry	(5)
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MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
	OR		OR		
MATH 21A	Calculus	(4)	MATH 1A	Calculus	(5)

MATH 21B	Calculus	(4)	<u>OR</u>		
			MATH 1AH	Calculus - HONORS	(5)
			MATH 1B	Calculus	(5)
			<u>OR</u>		
			MATH 1BH	Calculus - HONORS	(5)

PHYSICS 7A	General Physics	(4)	PHYS 2B &	General Introductory Physics	(5)
			PHYS 2C	General Introductory Physics	(5)
PHYSICS 7B	General Physics	(4)	PHYS 2B &	General Introductory Physics	(5)
			PHYS 2C	General Introductory Physics	(5)
PHYSICS 7C	General Physics	(4)	PHYS 2B &	General Introductory Physics	(5)
			PHYS 2C	General Introductory Physics	(5)

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

RECOMMENDED COURSES FOR THIS MAJOR:

MATH 21C	Calculus	(4)	MATH 1C	Calculus	(5)
			<u>OR</u>		
			MATH 1CH	Calculus - HONORS	(5)

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/>

Special Advising Note:

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

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

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

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

In addition to completing preparatory courses for the major, students must also meet UC transfer admission requirements by the close of spring term for fall enrollment at UC Davis. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment. See the UC Davis [transfer admission website](#) for details.

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

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit our website for details regarding [UC Davis TAG](#).

General Education (GE) Note:

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

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

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

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

END OF MAJOR

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

Special Advising Note:

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

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

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

In addition to completing preparatory courses for the major, students must also meet UC transfer admission requirements by the close of spring term for fall enrollment at UC Davis. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment. See the UC Davis [transfer admission website](#) for details.

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

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit our website for details regarding [UC Davis TAG](#).

General Education (GE) Note:

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

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

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

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

END OF MAJOR

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

Special Advising Note:

REQUIREMENTS FOR ADMISSION:
(for 2019-20)

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

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

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

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

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

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

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 6B	Cell and Molecular Biology	(6)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 6C	Evolution and Ecology	(6)
			<u>OR</u>		
			BIOL 6CH	Ecology and Evolution - HONORS	(6)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 6A	Form and Function in the Biological World	(6)
			<u>OR</u>		
			BIOL 6AH	Form and Function in the Biological World - HONORS	(6)
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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 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1C	General Chemistry and Qualitative Analysis	(5)
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CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
	<u>OR</u>		<u>OR</u>		

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

MATH 16A	Short Calculus	(3)	MATH 1A	Calculus	(5)
			OR		
			MATH 1AH	Calculus - HONORS	(5)
MATH 16B	Short Calculus	(3)	MATH 1B	Calculus	(5)
			OR		
			MATH 1BH	Calculus - HONORS	(5)
OR			OR		
MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
OR			OR		
MATH 21A	Calculus	(4)	MATH 1A	Calculus	(5)
			OR		
			MATH 1AH	Calculus - HONORS	(5)
MATH 21B	Calculus	(4)	MATH 1B	Calculus	(5)
			OR		
			MATH 1BH	Calculus - HONORS	(5)

PHYSICS 7A	General Physics	(4)	PHYS 2B &	General Introductory Physics	(5)
			PHYS 2C	General Introductory Physics	(5)
PHYSICS 7B	General Physics	(4)	PHYS 2B &	General Introductory Physics	(5)
			PHYS 2C	General Introductory Physics	(5)

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

COURSEWORK FOR BIOINFORMATICS OPTION:

ENG CS 20	C Sci/Discrete Math	(4)	MATH 22	Discrete Mathematics	(5)
ENG CS 36A	Programming	(4)	CIS 22A	Beginning Programming Methodologies in C++	(4.5)
Formerly ENG CS 30			OR		
			CIS 26A	C as a Second Programming Language	(4.5)
			OR		
			CIS 26B	Advanced C Programming	(4.5)
			OR		
			CIS 35A	Java Programming	(4.5)
			OR		
			CIS 36A	Introduction to Computer Programming Using Java	(4.5)

RESTRICTED ELECTIVES FOR BIOINFORMATICS OPTION:

ENG CS 36B	Object-Oriented Program	(4)	CIS 22B	Intermediate Programming Methodologies in C++	(4.5)
Formerly ENG CS 40			OR		

			CIS 22BH	Intermediate Programming Methodologies in C++ - HONORS	(4.5)
			<u>OR</u>		
			CIS 27	Programming in C++ for C/Java Programmers	(4.5)
			<u>OR</u>		
			CIS 28	Object Oriented Analysis and Design	(4.5)
			<u>OR</u>		
			CIS 29	Advanced C++ Programming	(4.5)
			<u>OR</u>		
			CIS 35B	Advanced Java Programming	(4.5)
			<u>OR</u>		
			CIS 36B	Intermediate Problem Solving in Java	(4.5)
ENG CS 36C Data Structures Formerly ENG CS 60	(4)		CIS 22C	Data Abstraction and Structures	(4.5)
			<u>OR</u>		
			CIS 22CH	Data Abstraction and Structures - HONORS	(4.5)
ENG CS 50 Machine Dependent Prog	(4)		CIS 21JA	Introduction to x86 Processor Assembly Language and Computer Architecture	(4.5)
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.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG 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 6B	Cell and Molecular Biology	(6)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 6C	Evolution and Ecology	(6)
			<u>OR</u>		
			BIOL 6CH	Ecology and Evolution - HONORS	(6)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 6A	Form and Function in the Biological World	(6)
			<u>OR</u>		
			BIOL 6AH	Form and Function in	(6)

the Biological World -
HONORS

CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1C	General Chemistry and Qualitative Analysis	(5)
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
OR			OR		
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 12A	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 12B	Organic Chemistry	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 12C	Organic Chemistry	(5)
MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
OR			OR		
MATH 21A	Calculus	(4)	MATH 1A	Calculus	(5)
			OR		
			MATH 1AH	Calculus - HONORS	(5)
MATH 21B	Calculus	(4)	MATH 1B	Calculus	(5)
			OR		
			MATH 1BH	Calculus - HONORS	(5)
PHYSICS 7A	General Physics	(4)	PHYS 2B &	General Introductory Physics	(5)
			PHYS 2C	General Introductory Physics	(5)
PHYSICS 7B	General Physics	(4)	PHYS 2B &	General Introductory Physics	(5)
			PHYS 2C	General Introductory Physics	(5)
PHYSICS 7C	General Physics	(4)	PHYS 2B &	General Introductory Physics	(5)
			PHYS 2C	General Introductory Physics	(5)

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

RECOMMENDED:

MATH 21C	Calculus	(4)	MATH 1C	Calculus	(5)
			OR		
			MATH 1CH	Calculus - HONORS	(5)

END OF MAJOR

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

Special Advising Note:

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

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

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

In addition to completing preparatory courses for the major, students must also meet UC transfer admission requirements by the close of spring term for fall enrollment at UC Davis. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment. See the UC Davis [transfer admission website](#) for details.

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

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit our website for details regarding [UC Davis TAG](#).

General Education (GE) Note:

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

[UC Davis General Catalog](#) online.

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

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

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

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19

[General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1C	General Chemistry and Qualitative Analysis	(5)
OR			OR		
CHEM 2AH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
CHEM 2BH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
CHEM 2CH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
PHYSICS 9A	Classical Physics	(5)	PHYS 4A	Physics for Scientists and Engineers: Mechanics	(6)
PHYSICS 9B	Classical Physics	(5)	PHYS 4C	Physics for Scientists and Engineers: Fluids, Waves, Optics and Thermodynamics	(6)
PHYSICS 9C	Classical Physics	(5)	PHYS 4B	Physics for Scientists and Engineers: Electricity and Magnetism	(6)
PHYSICS 9D	Modern Physics	(4)	PHYS 4D	Physics for Scientists and Engineers: Modern Physics	(6)
MATH 21A	Calculus	(4)	MATH 1A	Calculus	(5)
			OR		
MATH 21B	Calculus	(4)	MATH 1AH	Calculus - HONORS	(5)
			MATH 1B	Calculus	(5)
			OR		
MATH 21C	Calculus	(4)	MATH 1BH	Calculus - HONORS	(5)
			MATH 1C	Calculus	(5)
			OR		
MATH 21D	Vector Analysis	(4)	MATH 1CH	Calculus - HONORS	(5)
			MATH 1D	Calculus	(5)
			OR		
MATH 22A	Linear Algebra	(3)	MATH 1DH	Calculus - HONORS	(5)
MATH 22AL	Lin Alg Comp Lab	(1)	MATH 2B	Linear Algebra	(5)
MATH 22B	Differntl Equations	(3)	NO COMPARABLE COURSE		
CHEM 128A	Organic Chemistry	(3)	MATH 2A	Differential Equations	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 12A	Organic Chemistry	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 12B	Organic Chemistry	(5)
			CHEM 12A	Organic Chemistry	(5)

END OF MAJOR

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

Special Advising Note:

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

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

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

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG 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 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1C	General Chemistry and Qualitative Analysis	(5)
OR			OR		
CHEM 2AH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
CHEM 2BH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
CHEM 2CH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
<hr/>					
PHYSICS 7A	General Physics	(4)	PHYS 2B &	General Introductory Physics	(5)
			PHYS 2C	General Introductory Physics	(5)
PHYSICS 7B	General Physics	(4)	PHYS 2B &	General Introductory Physics	(5)
			PHYS 2C	General Introductory Physics	(5)
PHYSICS 7C	General Physics	(4)	PHYS 2B &	General Introductory Physics	(5)
			PHYS 2C	General Introductory Physics	(5)

It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire

series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

OR			OR		
PHYSICS 9A	Classical Physics	(5)	PHYS 4A	Physics for Scientists and Engineers: Mechanics	(6)
PHYSICS 9B	Classical Physics	(5)	PHYS 4C	Physics for Scientists and Engineers: Fluids, Waves, Optics and Thermodynamics	(6)
PHYSICS 9C	Classical Physics	(5)	PHYS 4B	Physics for Scientists and Engineers: Electricity and Magnetism	(6)

MATH 16A	Short Calculus	(3)	MATH 1A	Calculus	(5)
OR			MATH 1AH	Calculus - HONORS	(5)
MATH 16B	Short Calculus	(3)	MATH 1B	Calculus	(5)
OR			MATH 1BH	Calculus - HONORS	(5)
MATH 16C	Short Calculus	(3)	MATH 1C	Calculus	(5)
OR			MATH 1CH	Calculus - HONORS	(5)
MATH 17A	Calculus for BioSci	(4)	OR		
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
OR			OR		
MATH 21A	Calculus	(4)	MATH 1A	Calculus	(5)
OR			MATH 1AH	Calculus - HONORS	(5)
MATH 21B	Calculus	(4)	MATH 1B	Calculus	(5)
OR			MATH 1BH	Calculus - HONORS	(5)
MATH 21C	Calculus	(4)	MATH 1C	Calculus	(5)
OR			MATH 1CH	Calculus - HONORS	(5)

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

END OF MAJOR

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

Special Advising Note:

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

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

enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG 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 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1C	General Chemistry and Qualitative Analysis	(5)
OR			OR		
CHEM 2AH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
CHEM 2BH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
CHEM 2CH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
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PHYSICS 9A	Classical Physics	(5)	PHYS 4A	Physics for Scientists and Engineers: Mechanics	(6)
PHYSICS 9B	Classical Physics	(5)	PHYS 4C	Physics for Scientists and Engineers: Fluids, Waves, Optics and Thermodynamics	(6)
PHYSICS 9C	Classical Physics	(5)	PHYS 4B	Physics for Scientists and Engineers: Electricity and Magnetism	(6)
<hr/>					
MATH 21A	Calculus	(4)	MATH 1A	Calculus	(5)
			OR		
			MATH 1AH	Calculus - HONORS	(5)
MATH 21B	Calculus	(4)	MATH 1B	Calculus	(5)
			OR		
			MATH 1BH	Calculus - HONORS	(5)
MATH 21C	Calculus	(4)	MATH 1C	Calculus	(5)
			OR		
			MATH 1CH	Calculus - HONORS	(5)
MATH 21D	Vector Analysis	(4)	MATH 1D	Calculus	(5)
			OR		
			MATH 1DH	Calculus - HONORS	(5)

MATH 22A	Linear Algebra	(3)	MATH 2B	Linear Algebra	(5)
MATH 22AL	Lin Alg Comp Lab	(1)	NO COMPARABLE COURSE		
MATH 22B	Differntl Equations	(3)	MATH 2A	Differential Equations	(5)

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

RECOMMENDED COURSES:

PHYSICS 9D	Modern Physics	(4)	PHYS 4D	Physics for Scientists and Engineers: Modern Physics	(6)

END OF MAJOR

====Chemistry B.S. (Applied Chemistry: Environmental Chemistry)====
Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

available from our TAG website.

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

PHYSICS 7A	General Physics	(4)	PHYS 2B &	General Introductory Physics	(5)
			PHYS 2C	General Introductory Physics	(5)
PHYSICS 7B	General Physics	(4)	PHYS 2B &	General Introductory Physics	(5)
			PHYS 2C	General Introductory Physics	(5)
PHYSICS 7C	General Physics	(4)	PHYS 2B &	General Introductory Physics	(5)
			PHYS 2C	General Introductory Physics	(5)

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

OR			OR		
PHYSICS 9A	Classical Physics	(5)	PHYS 4A	Physics for Scientists and Engineers: Mechanics	(6)
PHYSICS 9B	Classical Physics	(5)	PHYS 4C	Physics for Scientists and Engineers: Fluids, Waves, Optics and Thermodynamics	(6)
PHYSICS 9C	Classical Physics	(5)	PHYS 4B	Physics for Scientists and Engineers: Electricity and Magnetism	(6)

MATH 16A	Short Calculus	(3)	MATH 1A	Calculus	(5)
			OR		
MATH 16B	Short Calculus	(3)	MATH 1AH	Calculus - HONORS	(5)
			MATH 1B	Calculus	(5)
			OR		
MATH 16C	Short Calculus	(3)	MATH 1BH	Calculus - HONORS	(5)
			MATH 1C	Calculus	(5)
			OR		
			MATH 1CH	Calculus - HONORS	(5)
OR			OR		
MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
OR			OR		
MATH 21A	Calculus	(4)	MATH 1A	Calculus	(5)
			OR		
MATH 21B	Calculus	(4)	MATH 1AH	Calculus - HONORS	(5)
			MATH 1B	Calculus	(5)
			OR		
MATH 21C	Calculus	(4)	MATH 1BH	Calculus - HONORS	(5)
			MATH 1C	Calculus	(5)

			<u>OR</u>	MATH 1CH	Calculus - HONORS	(5)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)		BIOL 6B	Cell and Molecular Biology	(6)
o) STATIST 13 Elementary Statistics			(4)	MATH 10	Elementary Statistics and Probability	(5)
Same as: STATIST 13Y				<u>OR</u>		
				MATH 10H	Elementary Statistics and Probability - HONORS	(5)
				<u>OR</u>		
				PSYC 15	Basic Statistics and Research Methods in Social and Behavioral Sciences	(4)
				Same as: SOC 15		
<u>OR</u>				<u>OR</u>		
STATIST 32	Gateway to Data Science	(4)		NO COMPARABLE COURSE		
CHEM 118A	Org Chem, Hlth & Sci	(4)		CHEM 12A	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)		CHEM 12B	Organic Chemistry	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)		CHEM 12C	Organic Chemistry	(5)
<u>OR</u>				<u>OR</u>		
CHEM 128A	Organic Chemistry	(3)		CHEM 12A	Organic Chemistry	(5)
CHEM 128B	Organic Chemistry	(3)		CHEM 12B	Organic Chemistry	(5)
CHEM 128C	Organic Chemistry	(3)		CHEM 12C	Organic Chemistry	(5)
CHEM 129A	Organic Chem Lab	(2)		CHEM 12A	Organic Chemistry	(5)
CHEM 129B	Organic Chem Lab	(2)		CHEM 12B	Organic Chemistry	(5)

END OF MAJOR

o) Students who complete PSYC 15 or SOC 15 at DeAnza College will receive credit at UC Davis for PSYCH 41 or STATIST 13 or SOCIOL 46A, not more than one course.

====Chemistry B.S. (Applied Chemistry: Forensic Chemistry)====

Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. See the [UC Transfer Admission website](http://ucdavis.edu/transfer/admission) 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 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1C	General Chemistry and Qualitative Analysis	(5)
OR			OR		
CHEM 2AH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
CHEM 2BH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
CHEM 2CH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		

PHYSICS 7A	General Physics	(4)	PHYS 2B &	General Introductory Physics	(5)
			PHYS 2C	General Introductory Physics	(5)
PHYSICS 7B	General Physics	(4)	PHYS 2B &	General Introductory Physics	(5)
			PHYS 2C	General Introductory Physics	(5)
PHYSICS 7C	General Physics	(4)	PHYS 2B &	General Introductory Physics	(5)
			PHYS 2C	General Introductory Physics	(5)

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

OR			OR		
PHYSICS 9A	Classical Physics	(5)	PHYS 4A	Physics for Scientists and Engineers: Mechanics	(6)
PHYSICS 9B	Classical Physics	(5)	PHYS 4C	Physics for Scientists and Engineers: Fluids, Waves, Optics and Thermodynamics	(6)
PHYSICS 9C	Classical Physics	(5)	PHYS 4B	Physics for Scientists and Engineers: Electricity and Magnetism	(6)

MATH 16A	Short Calculus	(3)	MATH 1A	Calculus	(5)
			OR		
			MATH 1AH	Calculus - HONORS	(5)

MATH 16B	Short Calculus	(3)	MATH 1B	Calculus	(5)
			<u>OR</u>		
			MATH 1BH	Calculus - HONORS	(5)
MATH 16C	Short Calculus	(3)	MATH 1C	Calculus	(5)
			<u>OR</u>		
			MATH 1CH	Calculus - HONORS	(5)
	<u>OR</u>		<u>OR</u>		
MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
	<u>OR</u>		<u>OR</u>		
MATH 21A	Calculus	(4)	MATH 1A	Calculus	(5)
			<u>OR</u>		
			MATH 1AH	Calculus - HONORS	(5)
MATH 21B	Calculus	(4)	MATH 1B	Calculus	(5)
			<u>OR</u>		
			MATH 1BH	Calculus - HONORS	(5)
MATH 21C	Calculus	(4)	MATH 1C	Calculus	(5)
			<u>OR</u>		
			MATH 1CH	Calculus - HONORS	(5)
<hr/>					
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 6B	Cell and Molecular Biology	(6)
<hr/>					
ENV TOX 20	Introduction to Forensic Science	(3)	NO COMPARABLE COURSE		
<hr/>					
o) STATIST 13	Elementary Statistics	(4)	MATH 10	Elementary Statistics and Probability	(5)
Same as: STATIST 13Y			<u>OR</u>		
			MATH 10H	Elementary Statistics and Probability - HONORS	(5)
			<u>OR</u>		
			PSYC 15	Basic Statistics and Research Methods in Social and Behavioral Sciences	(4)
			Same as: SOC 15		
	<u>OR</u>		<u>OR</u>		
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		
<hr/>					
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 12A	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 12B	Organic Chemistry	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 12C	Organic Chemistry	(5)
	<u>OR</u>		<u>OR</u>		
CHEM 128A	Organic Chemistry	(3)	CHEM 12A	Organic Chemistry	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 12B	Organic Chemistry	(5)
CHEM 128C	Organic Chemistry	(3)	CHEM 12C	Organic Chemistry	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 12A	Organic Chemistry	(5)
CHEM 129B	Organic Chem Lab	(2)	CHEM 12B	Organic Chemistry	(5)

END OF MAJOR

o) Students who complete PSYC 15 or SOC 15 at DeAnza College will receive credit at UC Davis for PSYCH 41 or STATIST 13 or SOCIOL 46A, not more than one course.

====Chicana/Chicano Studies A.B. (Cultural Studies)=====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses

as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

CHICANO 10	Intro to Chic Std	(4)	ICS 30	Introduction to Chicano/a and Latino/a Studies	(4)
CHICANO 50	Chicano Culture	(4)	ICS 31	Chicano/a Culture	(4)
CHICANO 21	Hlth Care Issues	(4)	NO COMPARABLE COURSE		
	OR			OR	
CHICANO 40	Comparative Health	(4)	NO COMPARABLE COURSE		

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 COMPARABLE COURSE		
CHICANO 70	Survey Chic Art	(4)	ICS 33	The Chicano/a and	(4)

CHICANO 73	Art Expr Silk Scr	(4)	Latino/a and the Arts NO COMPARABLE COURSE
SPANISH 1	Elementary Spanish	(5)	SPAN 1 Elementary Spanish (5) (First Quarter)
SPANISH 2	Elementary Spanish	(5)	SPAN 2 Elementary Spanish (5) (Second Quarter)
SPANISH 3	Elementary Spanish	(5)	SPAN 3 Elementary Spanish (5) (Third Quarter)
OR			OR
SPANISH 28	Inter Conversation	(2)	NO COMPARABLE COURSE
SPANISH 31	Int Span Nat Spk I	(5)	NO COMPARABLE COURSE
SPANISH 32	Int Span Nat Spk II	(5)	NO COMPARABLE COURSE

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG 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)	ICS 30	Introduction to Chicano/a and Latino/a Studies	(4)
CHICANO 50	Chicano Culture	(4)	ICS 31	Chicano/a Culture	(4)
CHICANO 21	Hlth Care Issues	(4)	NO COMPARABLE COURSE		
	OR			OR	
CHICANO 40	Comparative Health	(4)	NO COMPARABLE COURSE		

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 COMPARABLE COURSE		
CHICANO 70	Survey Chic Art	(4)	ICS 33	The Chicano/a and Latino/a and the Arts	(4)
CHICANO 73	Art Expr Silk Scr	(4)	NO COMPARABLE COURSE		

ONE COURSE FROM THE FOLLOWING:

CHICANO 23	Qualitative Research Methods	(4)	NO COMPARABLE COURSE		
o) PSYCH 41	Research Methods	(4)	PSYC 15	Basic Statistics and Research Methods in Social and Behavioral Sciences	(4)
			Same as: SOC 15		
o) SOCIOL 46A	Intro Social Rsch	(4)	SOC 15	Basic Statistics and Research Methods in Social and Behavioral Sciences	(4)
			Same as: PSYC 15		

SPANISH 1	Elementary Spanish	(5)	SPAN 1	Elementary Spanish (First Quarter)	(5)
SPANISH 2	Elementary Spanish	(5)	SPAN 2	Elementary Spanish (Second Quarter)	(5)
SPANISH 3	Elementary Spanish	(5)	SPAN 3	Elementary Spanish (Third Quarter)	(5)
	OR			OR	
SPANISH 28	Inter Conversation	(2)	NO COMPARABLE COURSE		
SPANISH 31	Int Span Nat Spk I	(5)	NO COMPARABLE COURSE		
SPANISH 32	Int Span Nat Spk II	(5)	NO COMPARABLE COURSE		

END OF MAJOR

o) Students who complete PSYC 15 or SOC 15 at DeAnza College will receive credit at UC Davis for PSYCH 41 or STATIST 13 or SOCIOL 46A, not more than one course.

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

Special Advising Note:

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

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

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

Chinese Placement Examination Note:

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

x) CHINESE 1	Elem Chinese	(5)	MAND 2	Elementary Mandarin (Second Quarter)	(5)
x) CHINESE 2	Elem Chinese	(5)	MAND 3	Elementary Mandarin (Third Quarter)	(5)
x) CHINESE 3	Elem Chinese	(5)	MAND 4	Intermediate Mandarin (First Quarter)	(5)
x) CHINESE 4	Inter Chinese	(5)	MAND 5	Intermediate Mandarin (Second Quarter)	(5)
x) CHINESE 5	Inter Chinese	(5)	MAND 6	Intermediate Mandarin (Third Quarter)	(5)

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

RECOMMENDED COURSES FOR THIS MAJOR:

CHINESE 10	Modern Lit (in Engl)	(4)	NO COMPARABLE COURSE
CHINESE 11	Gt Bks China (Engl)	(4)	NO COMPARABLE COURSE
CHINESE 50	Intro to Literature	(4)	NO COMPARABLE COURSE
Same as: JPNese 50			
q) COMPLIT 14	Intro Poetry	(3)	ELIT 11 Introduction to Poetry (4)
JPNese 10	Masterworks in English	(4)	NO COMPARABLE COURSE
LINGUIS 1	Intro Linguistics	(4)	LING 1 Introduction to Linguistics (4)
HISTORY 9A	East Asian Civ	(4)	HIST 19A History of Asian Civilization: China and Japan (to the 19th Century) (4)
Same as: INTL 19A			

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.**
- q) **The Department of English at UC Davis will accept De Anza's ELIT 11 in lieu of ENGLISH 45. The Department of Comparative Literature at UC Davis will accept De Anza's ELIT 11 in lieu of COMPLIT 14.**

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

CINE&TS 12	Media Computation	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
Same as: ENG CS 12			
b) CINE&TS 20	Filmmaking Foundations	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
			F/TV 20 Beginning Video Production (4)

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)	F/TV 2A History of the Cinema (1895-1950) (4)
			<u>OR</u>
			F/TV 2AW History of Cinema (1895-1950) (4.5)
CINE&TS 41B	Cinema Hist 1945 to the Present	(4)	F/TV 2B History of Cinema (1950-Present) (4)
			<u>OR</u>
			F/TV 2BW History of Cinema (1950 to Present) (4.5)
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:

e) FILM ST 1	Intro to Film Studies	(4)	F/TV 1 Introduction to Cinematic Arts (4)
			<u>OR</u>
			F/TV 2A & History of the Cinema (1895-1950) (4)
			F/TV 2B History of Cinema (4)

			(1950-Present)
TCULST 1	Intro Technocultural Studies	(4)	NO COMPARABLE COURSE
TCULST 5	Media Archaeology	(4)	NO COMPARABLE COURSE

END OF MAJOR

- b) Students at DeAnza College who complete F/TV 20 will receive credit at UC Davis for either TCULSTD 7B or CINE&TS 20, not both.
- e) Students who complete F/TV 2A and 2B at DeAnza College will receive credit at UC Davis for CINE&TS 41A and 41B or for FILM ST 1.

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

Special Advising Note:

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

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

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

In addition to completing preparatory courses for the major, students must also meet UC transfer admission requirements by the close of spring term for fall enrollment at UC Davis. In order to receive priority consideration it is

strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment. See the UC Davis [transfer admission website](#) for details.

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

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit our website for details regarding [UC Davis TAG](#).

General Education (GE) Note:

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

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

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

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

END OF MAJOR

====Classical Civilization (Classical & Mediterranean) A.B.====
Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated

here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

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

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

College Foreign Language Requirement Note:

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

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

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

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

TWO COURSES FROM THE FOLLOWING:

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

ONE ADDITIONAL COURSE SELECTED FROM:

ARTHI 1A	Ancient Mediterranean Art	(4)	ARTS 2A	History of Art: Europe (4) from Prehistory through Early Christianity
CLASSIC 1	N East/Early Gr	(4)	NO COMPARABLE COURSE	
CLASSIC 2	Anc Gr & Near East	(4)	NO COMPARABLE COURSE	
CLASSIC 3	Rome & The Mediter	(4)	NO COMPARABLE COURSE	
CLASSIC 4	Late Antiquity	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation	
CLASSIC 10	Gr,Roman,N East Myth	(3)	NO COMPARABLE COURSE	
CLASSIC 15	Women & Gender in Classical Antiquity	(4)	NO COMPARABLE COURSE	
CLASSIC 20	Pompeii AD 79	(4)	NO COMPARABLE COURSE	

CLASSIC 25	Classical America	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
CLASSIC 30	Word Roots	(3)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
CLASSIC 31	Technical Word Roots	(3)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
CLASSIC 40	Economy in Ancient Med	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
CLASSIC 50	Ancient Science	(4)	NO COMPARABLE COURSE
Same as: SCI&TEC 50			
COMPLIT 1	Major Books-Ancient World	(4)	NO COMPARABLE COURSE
PHILOS 21	Phil Classics: Ancient	(4)	PHIL 20A History of Western Philosophy: Ancient Greece (4)
REL STD 21	The Bible	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
REL STD 40	New Testament	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See

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

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

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

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

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

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

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

ENGLISH 3	Intro to Lit	(4)	EWRT 1C	Literature and Composition	(5)
	OR			OR	
d) UWRITING 1	Expository Writing	(4)	EWRT 1A	Composition and Reading	(5)
			OR		
			EWRT 1AH	Composition and Reading - HONORS	(5)
			OR		
			EWRT 1B	Reading, Writing and Research	(5)
			OR		
			EWRT 1BH	Reading, Writing and Research - HONORS	(5)
<hr/>					
COMMUNCN 1	Intro Public Spkg	(4)	COMM 1	Public Speaking	(5)
				OR	

				COMM 1H	Public Speaking - HONORS	(5)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 6B	Cell and Molecular Biology		(6)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 6C	Evolution and Ecology		(6)
			<u>OR</u>			
			BIOL 6CH	Ecology and Evolution - HONORS		(6)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry		(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1B	General Chemistry		(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1C	General Chemistry and Qualitative Analysis		(5)
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE			
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE			
ECON 1A	Princ of Microecon	(4)	ECON 2	Principles of Microeconomics		(4)
			<u>OR</u>			
			ECON 2H	Principles of Microeconomics - HONORS		(4)
			<u>OR</u>			
ECON 1B	Princ of Macroecon	(4)	ECON 1	Principles of Macroeconomics		(4)
			<u>OR</u>			
			ECON 1H	Principles of Macroeconomics - HONORS		(4)
PSYCH 1	General Psychology	(4)	PSYC 1	General Psychology		(4)
SOCIOL 1	Intro Sociology	(5)	SOC 1	Introduction to Sociology		(4)
			<u>OR</u>			
SOCIOL 3	Social Problems	(4)	SOC 20	Social Problems		(4)
			<u>OR</u>			
ANTHRO 2	Cultural Anthropology	(5)	ANTH 2	Cultural Anthropology		(4)
			<u>OR</u>			
			ANTH 2H	Cultural Anthropology - HONORS		(4)
o) STATIST 13	Elementary Statistics	(4)	MATH 10	Elementary Statistics and Probability		(5)
Same as: STATIST 13Y			<u>OR</u>			
			MATH 10H	Elementary Statistics and Probability - HONORS		(5)
			<u>OR</u>			
			PSYC 15	Basic Statistics and Research Methods in Social and Behavioral Sciences		(4)
			Same as: SOC 15			

END OF MAJOR

- d) If a student takes EWRT 1B at DeAnza College, credit will be given for UC Davis's UWP 1 or 19, not both.
- o) Students who complete PSYC 15 or SOC 15 at DeAnza College will receive credit at UC Davis for PSYCH 41 or STATIST 13 or SOCIOL 46A, not more than one course.

====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.

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

LINGUIS 1	Intro Linguistics	(4)		LING 1	Introduction to Linguistics	(4)
COG SCI 1	Intro Cognitive Science	(4)		NO COURSE	ARTICULATED	
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 7	Deductive Logic	(4)
PHILOS 13G	Minds, Brains Comp w/Disc	(4)		NO COURSE	ARTICULATED:College has not submitted course(s)for articulation	
PSYCH 1	General Psychology	(4)		PSYC 1	General Psychology	(4)
o) PSYCH 41	Research Methods	(4)		PSYC 15	Basic Statistics and Research Methods in	(4)

		Social and Behavioral Sciences	
		Same as: SOC 15	

o) STATIST 13	Elementary Statistics	(4) MATH 10	Elementary Statistics and Probability (5)
Same as: STATIST 13Y		<u>OR</u>	
		MATH 10H	Elementary Statistics and Probability - HONORS (5)
		<u>OR</u>	
		PSYC 15	Basic Statistics and Research Methods in Social and Behavioral Sciences (4)
		Same as: SOC 15	

END OF MAJOR

o) Students who complete PSYC 15 or SOC 15 at DeAnza College will receive credit at UC Davis for PSYCH 41 or STATIST 13 or SOCIOL 46A, not more than one course.

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

<u>Emphasis 1: Computational</u>				
ENG CS 20	C Sci/Discrete Math	(4)	MATH 22	Discrete Mathematics (5)
ENG CS 32A	Intro to Programming	(4)	NO COMPARABLE COURSE	
	Formerly ENG CS 10			
	<u>OR</u>			<u>OR</u>
ENG CS 36A	Programming	(4)	CIS 22A	Beginning Programming (4.5)
	Formerly ENG CS 30			Methodologies in C++
			<u>OR</u>	
			CIS 26A	C as a Second (4.5)
				Programming Language
			<u>OR</u>	
			CIS 26B	Advanced C (4.5)
				Programming
			<u>OR</u>	
			CIS 35A	Java Programming (4.5)
			<u>OR</u>	
			CIS 36A	Introduction to (4.5)
				Computer Programming
				Using Java
ENG CS 34	UNIX & C++	(5)	NO COURSE ARTICULATED	
	<u>OR</u>			<u>OR</u>
ENG CS 36B	Object-Oriented Program	(4)	CIS 22B	Intermediate (4.5)
	Formerly ENG CS 40			Programming
				Methodologies in C++
			<u>OR</u>	
			CIS 22BH	Intermediate (4.5)
				Programming
				Methodologies in C++
				- HONORS
			<u>OR</u>	
			CIS 27	Programming in C++ (4.5)
				for C/Java
				Programmers
			<u>OR</u>	
			CIS 28	Object Oriented (4.5)
				Analysis and Design
			<u>OR</u>	
			CIS 29	Advanced C++ (4.5)
				Programming
			<u>OR</u>	
			CIS 35B	Advanced Java (4.5)
				Programming
			<u>OR</u>	
			CIS 36B	Intermediate Problem (4.5)
				Solving in Java
ENG CS 50	Machine Dependent Prog	(4)	CIS 21JA	Introduction to x86 (4.5)
				Processor Assembly
				Language and
				Computer
				Architecture
ENG CS 32B	Intro to Data Structures	(4)		
	<u>OR</u>			<u>OR</u>
ENG CS 36C	Data Structures	(4)	CIS 22C	Data Abstraction and (4.5)
	Formerly ENG CS 60			Structures
			<u>OR</u>	
			CIS 22CH	Data Abstraction and (4.5)
				Structures - HONORS
LINGUIS 1	Intro Linguistics	(4)	LING 1	Introduction to (4)

Linguistics

MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
OR			OR		
MATH 21A	Calculus	(4)	MATH 1A	Calculus	(5)
			OR		
MATH 21B	Calculus	(4)	MATH 1AH	Calculus - HONORS	(5)
			MATH 1B	Calculus	(5)
			OR		
			MATH 1BH	Calculus - HONORS	(5)

MATH 22A	Linear Algebra	(3)	MATH 2B	Linear Algebra	(5)
MATH 22AL	Lin Alg Comp Lab	(1)	NO COMPARABLE COURSE		

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

PHILOS 12	Intro to Symbol Logic	(4)	PHIL 7	Deductive Logic	(4)
PHILOS 13G	Minds, Brains Comp w/Disc	(4)	NO COURSE ARTICULATED:College has not submitted course(s)for articulation		

PSYCH 1	General Psychology	(4)	PSYC 1	General Psychology	(4)
o) PSYCH 41	Research Methods	(4)	PSYC 15	Basic Statistics and Research Methods in Social and Behavioral Sciences	(4)
			Same as: SOC 15		

o) STATIST 13	Elementary Statistics	(4)	MATH 10	Elementary Statistics and Probability	(5)
Same as: STATIST 13Y			OR		
			MATH 10H	Elementary Statistics and Probability - HONORS	(5)
			OR		
			PSYC 15	Basic Statistics and Research Methods in Social and Behavioral Sciences	(4)
			Same as: SOC 15		

<u>Emphasis 2: Neuroscience</u>					
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 6B	Cell and Molecular Biology	(6)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 6C	Evolution and Ecology	(6)
			OR		
			BIOL 6CH	Ecology and Evolution - HONORS	(6)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 6A	Form and Function in the Biological World	(6)
			OR		
			BIOL 6AH	Form and Function in the Biological World - HONORS	(6)

LINGUIS 1	Intro Linguistics	(4)	LING 1	Introduction to Linguistics	(4)

MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		

MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
	OR		OR		
MATH 21A	Calculus	(4)	MATH 1A	Calculus	(5)
			OR		
MATH 21B	Calculus	(4)	MATH 1AH	Calculus - HONORS	(5)
			MATH 1B	Calculus	(5)
			OR		
MATH 21C	Calculus	(4)	MATH 1BH	Calculus - HONORS	(5)
			MATH 1C	Calculus	(5)
			OR		
			MATH 1CH	Calculus - HONORS	(5)

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

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

PHYSICS 7A	General Physics	(4)	PHYS 2B &	General Introductory Physics	(5)
			PHYS 2C	General Introductory Physics	(5)
PHYSICS 7B	General Physics	(4)	PHYS 2B &	General Introductory Physics	(5)
			PHYS 2C	General Introductory Physics	(5)
PHYSICS 7C	General Physics	(4)	PHYS 2B &	General Introductory Physics	(5)
			PHYS 2C	General Introductory Physics	(5)
	OR		OR		
PHYSICS 9A	Classical Physics	(5)	PHYS 4A	Physics for Scientists and Engineers: Mechanics	(6)
PHYSICS 9B	Classical Physics	(5)	PHYS 4C	Physics for Scientists and Engineers: Fluids, Waves, Optics and Thermodynamics	(6)
PHYSICS 9C	Classical Physics	(5)	PHYS 4B	Physics for Scientists and Engineers: Electricity and Magnetism	(6)

PSYCH 1	General Psychology	(4)	PSYC 1	General Psychology	(4)
o) PSYCH 41	Research Methods	(4)	PSYC 15	Basic Statistics and Research Methods in Social and Behavioral Sciences	(4)
				Same as: SOC 15	

o) STATIST 13	Elementary Statistics	(4)	MATH 10	Elementary Statistics and Probability	(5)
Same as: STATIST 13Y			OR		
			MATH 10H	Elementary Statistics and Probability - HONORS	(5)
			OR		
			PSYC 15	Basic Statistics and Research Methods in Social and Behavioral Sciences	(4)

END OF MAJOR

o) Students who complete PSYC 15 or SOC 15 at DeAnza College will receive credit at UC Davis for PSYCH 41 or STATIST 13 or SOCIOL 46A, not more than one course.

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

ANTHRO 4	Anthro Linguistics	(4)		ANTH 6	Linguistic Anthropology	(4)
	OR				OR	
LINGUIS 1	Intro Linguistics	(4)		LING 1	Introduction to	(4)

				Linguistics			
COMUNCN 1	Intro Public Spkg	(4)		COMM 1	Public Speaking	(5)	
					OR		
				COMM 1H	Public Speaking - HONORS	(5)	
	OR				OR		
COMUNCN 3	Intprsnl Com Cmpetnce	(4)		COMM 16	Interpersonal Communication	(5)	
					OR		
				COMM 16H	Interpersonal Communication - HONORS	(5)	
	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)		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.

	OR				OR		
PHILOS 12	Intro to Symbol Logic	(4)		PHIL 7	Deductive Logic	(4)	
PSYCH 1	General Psychology	(4)		PSYC 1	General Psychology	(4)	
SOCIOL 1	Intro Sociology	(5)		SOC 1	Introduction to Sociology	(4)	
SOCIOL 46B	Intro Social Rsch	(5)		NO COMPARABLE COURSE			
	OR				OR		
o) STATIST 13	Elementary Statistics	(4)		MATH 10	Elementary Statistics and Probability	(5)	
	Same as: STATIST 13Y				OR		
				MATH 10H	Elementary Statistics and Probability - HONORS	(5)	
					OR		
				PSYC 15	Basic Statistics and Research Methods in Social and Behavioral Sciences	(4)	
					Same as: SOC 15		

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.
- o) Students who complete PSYC 15 or SOC 15 at DeAnza College will receive credit at UC Davis for PSYCH 41 or STATIST 13 or SOCIOL 46A, not more than one course.

====Community and Regional Development B.S.====
Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer admission. See the [UC Transfer Admission website](#). The courses used for the A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English

courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

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

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

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

TWO COURSES FROM THE FOLLOWING:

COMUNCN 1	Intro Public Spkg	(4)	COMM 1	Public Speaking	(5)
				OR	
			COMM 1H	Public Speaking - HONORS	(5)
COMPLIT 1	Major Books-Ancient World	(4)	NO COMPARABLE COURSE		
COMPLIT 2	Major Books-Middle Ages to Enlightenment	(4)	NO COMPARABLE COURSE		
COMPLIT 3	Major Books-The Modern Crisis	(4)	NO COMPARABLE COURSE		
COMPLIT 4	Maj Books:Cont Wrld	(4)	ELIT 39	Contemporary Literature	(4)
ENGLISH 3	Intro to Lit	(4)	EWRT 1C	Literature and Composition	(5)
N A STD 5	Intro NA Literature	(4)	ICS 46	Native American Literatures	(4)
d) UWRITING 1	Expository Writing	(4)	EWRT 1A	Composition and Reading	(5)
				OR	
			EWRT 1AH	Composition and Reading - HONORS	(5)
				OR	
			EWRT 1B	Reading, Writing and Research	(5)
				OR	
			EWRT 1BH	Reading, Writing and Research - HONORS	(5)
UWRITING 48	Style in the Essay Formerly UWRITING 18	(4)	NO COMPARABLE COURSE		
UWRITING 49	Writing Research Papers Formerly UWRITING 19	(4)	EWRT 1B	Reading, Writing and Research	(5)
				OR	
			EWRT 2	Critical Reading, Writing and Thinking	(5)
				OR	
			EWRT 2H	Critical Reading, Writing and Thinking - HONORS	(5)
CM&RGDE 1	The Community	(4)	NO COMPARABLE COURSE		
CM&RGDE 2	Ethnicity Amer Comm	(4)	NO COMPARABLE COURSE		
PL SCI 21	Computers in Technology	(3)	NO COMPARABLE COURSE		
	OR			OR	
B) ENG CS 15	Intro to Computers	(4)	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.

ECON 1A	Princ of Microecon	(4)	ECON 2	Principles of Microeconomics	(4)
			<u>OR</u>		
			ECON 2H	Principles of Microeconomics - HONORS	(4)
	<u>OR</u>			<u>OR</u>	
ECON 1B	Princ of Macroecon	(4)	ECON 1	Principles of Macroeconomics	(4)
			<u>OR</u>		
			ECON 1H	Principles of Macroeconomics - HONORS	(4)
<hr/>					
ANTHRO 2	Cultural Anthropology	(5)	ANTH 2	Cultural Anthropology	(4)
			<u>OR</u>		
			ANTH 2H	Cultural Anthropology - HONORS	(4)
	<u>OR</u>			<u>OR</u>	
SOCIOL 1	Intro Sociology	(5)	SOC 1	Introduction to Sociology	(4)
<hr/>					
o) STATIST 13	Elementary Statistics	(4)	MATH 10	Elementary Statistics and Probability	(5)
	Same as: STATIST 13Y		<u>OR</u>		
			MATH 10H	Elementary Statistics and Probability - HONORS	(5)
			<u>OR</u>		
			PSYC 15	Basic Statistics and Research Methods in Social and Behavioral Sciences	(4)
			Same as: SOC 15		
	<u>OR</u>			<u>OR</u>	
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

- d) If a student takes EWRT 1B at DeAnza College, credit will be given for UC Davis's UWP 1 or 19, not both.
- 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.
- o) Students who complete PSYC 15 or SOC 15 at DeAnza College will receive credit at UC Davis for PSYCH 41 or STATIST 13 or SOCIOL 46A, not more than one course.

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

Special Advising Note:

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

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

recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

COMPLIT 1	Major Books-Ancient World	(4)	NO COMPARABLE COURSE
	OR		OR
COMPLIT 2	Major Books-Middle Ages to Enlightenment	(4)	NO COMPARABLE COURSE
COMPLIT 3	Major Books-The Modern Crisis	(4)	NO COMPARABLE COURSE
	OR		OR
COMPLIT 4	Maj Books:Cont Wrld	(4)	ELIT 39 Contemporary Literature (4)

TWO COURSES FROM THE FOLLOWING:

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

COMPLIT 1	Major Books-Ancient World	(4)	NO COMPARABLE COURSE
COMPLIT 2	Major Books-Middle Ages to Enlightenment	(4)	NO COMPARABLE COURSE
COMPLIT 3	Major Books-The Modern Crisis	(4)	NO COMPARABLE COURSE
COMPLIT 4	Maj Books:Cont Wrld	(4)	ELIT 39 Contemporary Literature (4)
COMPLIT 5	Fairy Tales, Fables,	(4)	NO COMPARABLE COURSE

	Parables		
COMPLIT 6	Myths & Legends	(4)	ELIT 22 Mythology and Folklore (4)
COMPLIT 7	Lit:Fant,Supernatl	(4)	NO COMPARABLE COURSE
COMPLIT 8	Utopias Transform	(4)	NO COMPARABLE COURSE
COMPLIT 9	Short Story & Novella	(4)	NO COMPARABLE COURSE
COMPLIT 11	Travel and Modern World	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
	Same as: GERMAN 11		
COMPLIT 12	Intro Women Writers	(4)	ELIT 21 Women in Literature (4)
COMPLIT 13	Dramatic Lit	(3)	ELIT 12 Introduction to Dramatic Literature (4)
q) COMPLIT 14	Intro Poetry	(3)	ELIT 11 Introduction to Poetry (4)
COMPLIT 20	Humans & Natural World	(4)	NO COMPARABLE COURSE
COMPLIT 24	Animals in Literature	(4)	NO COURSE ARTICULATED:College has not submitted course(s)for articulation
COMPLIT 25	Ethnic Writers	(4)	NO COMPARABLE COURSE
COMPLIT 53A	Lit of East Asia	(4)	NO COMPARABLE COURSE
COMPLIT 53B	Lit of South Asia	(4)	NO COMPARABLE COURSE
COMPLIT 53C	Lit of the Islamic World	(4)	NO COMPARABLE COURSE

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

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

END OF MAJOR

q) The Department of English at UC Davis will accept De Anza's ELIT 11 in lieu of ENGLISH 45. The Department of Comparative Literature at UC Davis will accept De Anza's ELIT 11 in lieu of COMPLIT 14.

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

Special Advising Note:

All majors in the College of Engineering are selective and require preparatory coursework for admission. Transfer applicants must earn an overall transfer GPA of 3.10 or higher to be competitive candidates for admission to any engineering

major. Strive to achieve your highest possible GPA in order to be most competitive. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents.

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

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

In addition to completing preparatory courses for the major, students must also meet UC transfer admission requirements by the close of spring term for fall enrollment at UC Davis. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment. See the UC Davis [transfer admission website](#) for details.

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

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit our website for details regarding [UC Davis TAG](#).

General Education (GE) Note:

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

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

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

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

at(530)752-1979, or consult the [College of Engineering website](#) if you have any questions.

END OF MAJOR

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

Special Advising Note:

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

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

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

In addition to completing preparatory courses for the major, students must also meet UC transfer admission requirements by the close of spring term for fall enrollment at UC Davis. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment. See the UC Davis [transfer admission website](#) for details.

IGETC: Transfer students should place highest priority on completing all requirements for their chosen engineering major. By completing the Intersegmental General Education Transfer Curriculum(IGETC)however, the General Education (GE) requirement at UC Davis will be totally satisfied for all UC

Davis GE requirements that may be met with lower-division courses. Completing IGETC is not required, nor does it improve the likelihood you will be admitted. See additional GE information below.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit our website for details regarding [UC Davis TAG](#).

General Education (GE) Note:

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

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

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

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

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

END OF MAJOR

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

Special Advising Note:

REQUIREMENTS FOR ADMISSION:

(for 2018-19)

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

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

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

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

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

Special Advising Note:

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

MATH 21A	Calculus	(4)	MATH 1A	Calculus	(5)
			<u>OR</u>		
			MATH 1AH	Calculus - HONORS	(5)
MATH 21B	Calculus	(4)	MATH 1B	Calculus	(5)
			<u>OR</u>		
			MATH 1BH	Calculus - HONORS	(5)
MATH 21C	Calculus	(4)	MATH 1C	Calculus	(5)
			<u>OR</u>		
			MATH 1CH	Calculus - HONORS	(5)

MATH 22A	Linear Algebra	(3)	MATH 2B	Linear Algebra	(5)
	OR			OR	
MATH 67	Modern Linear Algebra	(4)	NO COMPARABLE COURSE		

ENG CS 20	C Sci/Discrete Math	(4)	MATH 22	Discrete Mathematics	(5)
ENG CS 36A	Programming	(4)	CIS 22A	Beginning Programming Methodologies in C++	(4.5)
Formerly ENG CS 30					
			OR		
			CIS 26A	C as a Second Programming Language	(4.5)
			OR		
			CIS 26B	Advanced C Programming	(4.5)
			OR		
			CIS 35A	Java Programming	(4.5)
			OR		
			CIS 36A	Introduction to Computer Programming Using Java	(4.5)
ENG CS 36B	Object-Oriented Program	(4)	CIS 22B	Intermediate Programming Methodologies in C++	(4.5)
Formerly ENG CS 40					
			OR		
			CIS 22BH	Intermediate Programming Methodologies in C++ - HONORS	(4.5)
			OR		
			CIS 27	Programming in C++ for C/Java Programmers	(4.5)
			OR		
			CIS 28	Object Oriented Analysis and Design	(4.5)
			OR		
			CIS 29	Advanced C++ Programming	(4.5)
			OR		
			CIS 35B	Advanced Java Programming	(4.5)
			OR		
			CIS 36B	Intermediate Problem Solving in Java	(4.5)
ENG CS 36C	Data Structures	(4)	CIS 22C	Data Abstraction and Structures	(4.5)
Formerly ENG CS 60					
			OR		
			CIS 22CH	Data Abstraction and Structures - HONORS	(4.5)
ENG CS 50	Machine Dependent Prog	(4)	CIS 21JA	Introduction to x86 Processor Assembly Language and Computer Architecture	(4.5)

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

THREE OF THE FOLLOWING COURSES:

BIOLSCI 2A	Intro Biology:Life on	(5)	BIOL 6B	Cell and Molecular	(6)
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BIOLSCI 2B	Earth Intro Biology: Ecology & Evolution	(5)	BIOL 6C	Biology Evolution and Ecology	(6)
			<u>OR</u>		
			BIOL 6CH	Ecology and Evolution - HONORS	(6)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 6A	Form and Function in the Biological World	(6)
			<u>OR</u>		
			BIOL 6AH	Form and Function in the Biological World - HONORS	(6)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1C	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		
PHYSICS 9A	Classical Physics	(5)	PHYS 4A	Physics for Scientists and Engineers: Mechanics	(6)
PHYSICS 9B	Classical Physics	(5)	PHYS 4C	Physics for Scientists and Engineers: Fluids, Waves, Optics and Thermodynamics	(6)
PHYSICS 9C	Classical Physics	(5)	PHYS 4B	Physics for Scientists and Engineers: Electricity and Magnetism	(6)

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

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

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

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

DESIGN 1	Intro to Design	(4)	NO COMPARABLE COURSE
DESIGN 14	Design Drawing	(4)	NO COMPARABLE COURSE
	OR		OR
DESIGN 21	Drafting and Perspective	(4)	NO COMPARABLE COURSE
DESIGN 15	Form & Color	(4)	ARTS 8 Two-Dimensional Design (4)
			OR
			ARTS 12 Design and Color (4)
	AND		AND
DESIGN 16	Graphics & The Computer	(4)	NO COMPARABLE COURSE
DESIGN 40A	Energy, Materials, Design	(4)	NO COMPARABLE COURSE
	OR		OR
DESIGN 40B	Ideologies of Design	(4)	NO COMPARABLE COURSE
	OR		OR
DESIGN 40C	Design Aesthetics/Exper	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

TWO COURSES FROM THE FOLLOWING:

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

ART 12	Beginning Video	(4)	F/TV 20 Beginning Video Production (4)
DESIGN 40A	Energy, Materials, Design	(4)	NO COMPARABLE COURSE
DESIGN 40B	Ideologies of Design	(4)	NO COMPARABLE COURSE
DESIGN 40C	Design Aesthetics/Exper	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
DESIGN 50	Intro to 3-D Design	(4)	NO COMPARABLE COURSE
DESIGN 70	Intro Textile Structure	(4)	NO COMPARABLE COURSE
DESIGN 77	Intro to Fashion Design	(4)	NO COMPARABLE COURSE
UWRITING 11	Pop Sci & Technol Wrtnng	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	OR		OR
UWRITING 12	Writing/Visual Rhetoric	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	OR		OR
UWRITING 48	Style in the Essay Formerly UWRITING 18	(4)	NO COMPARABLE COURSE
	OR		OR
UWRITING 49	Writing Research Papers	(4)	EWRT 1B Reading, Writing and (5)

Formerly UWRITING 19

		Research	
	<u>OR</u>		
EWRT 2		Critical Reading, Writing and Thinking	(5)
	<u>OR</u>		
EWRT 2H		Critical Reading, Writing and Thinking - HONORS	(5)

END OF MAJOR

d) If a student takes EWRT 1B at DeAnza College, credit will be given for UC Davis's UWP 1 or 19, not both.

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

available from our TAG website.

HISTORY 9A	East Asian Civ	(4)	HIST 19A	History of Asian Civilization: China and Japan (to the 19th Century)	(4)
				Same as: INTL 19A	
HISTORY 9B	East Asian Civ	(4)	HIST 19B	History of Asian Civilization: China and Japan (19th - 21st Centuries)	(4)
				Same as: INTL 19B	

ONE COURSE FROM THE FOLLOWING:

ARTHI 1D	Arts of Asia	(4)	INTL 10	History of Art (Arts of Asia)	(4)
				Same as: ARTS 2G	
				<u>OR</u>	
			ARTS 2G	History of Art: Arts of Asia	(4)
				Same as: INTL 10	
CHINESE 7	Chinese Business Culture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHINESE 10	Modern Lit (in Engl)	(4)	NO COMPARABLE COURSE		
CHINESE 11	Gt Bks China (Engl)	(4)	NO COMPARABLE COURSE		
COMPLIT 53A	Lit of East Asia	(4)	NO COMPARABLE COURSE		
JPNESE 10	Masterworks in English	(4)	NO COMPARABLE COURSE		
JPNESE 25	Language & Culture (in English)	(4)	NO COMPARABLE COURSE		
JPNESE 50	Intro to Literature	(4)	NO COMPARABLE COURSE		
	Same as: CHINESE 50				
E ASIAN 88	Korean Society	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
REL STD 75	Introduction to Chinese Philosophy	(4)	PHIL 14B	Chinese Philosophy	(4)

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

x) CHINESE 1	Elem Chinese	(5)	MAND 2	Elementary Mandarin (Second Quarter)	(5)
x) CHINESE 2	Elem Chinese	(5)	MAND 3	Elementary Mandarin (Third Quarter)	(5)
	<u>OR</u>			<u>OR</u>	
y) JPNESE 1	Elem Japanese	(5)	JAPN 4	Intermediate Japanese (First Quarter)	(5)
				<u>OR</u>	
			JAPN 5	Intermediate Japanese (Second Quarter)	(5)
				<u>OR</u>	
			JAPN 6	Intermediate Japanese (Third Quarter)	(5)
y) JPNESE 2	Elem Japanese	(5)	NO COMPARABLE COURSE		

END OF MAJOR

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

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 6B	Cell and Molecular Biology	(6)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 6C	Evolution and Ecology	(6)
			OR		
			BIOL 6CH	Ecology and Evolution - HONORS	(6)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 6A	Form and Function in the Biological World	(6)
			OR		
			BIOL 6AH	Form and Function in the Biological World - HONORS	(6)

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

PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
PHYSICS 1B	Principles Physics	(3)	PHYS 2A	General Introductory Physics	(5)
	OR		OR		
PHYSICS 7A	General Physics	(4)	PHYS 2B &	General Introductory Physics	(5)
			PHYS 2C	General Introductory Physics	(5)
PHYSICS 7B	General Physics	(4)	PHYS 2B &	General Introductory Physics	(5)
			PHYS 2C	General Introductory Physics	(5)
PHYSICS 7C	General Physics	(4)	PHYS 2B &	General Introductory Physics	(5)
			PHYS 2C	General Introductory Physics	(5)

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

MATH 16A	Short Calculus	(3)	MATH 1A	Calculus	(5)
			OR		
			MATH 1AH	Calculus - HONORS	(5)
MATH 16B	Short Calculus	(3)	MATH 1B	Calculus	(5)

			<u>OR</u>	MATH 1BH	Calculus - HONORS	(5)
	<u>OR</u>				<u>OR</u>	
MATH 17A	Calculus for BioSci	(4)		NO COMPARABLE COURSE		
MATH 17B	Calculus for Biosci	(4)		NO COMPARABLE COURSE		
	<u>OR</u>				<u>OR</u>	
MATH 21A	Calculus	(4)		MATH 1A	Calculus	(5)
			<u>OR</u>			
				MATH 1AH	Calculus - HONORS	(5)
MATH 21B	Calculus	(4)		MATH 1B	Calculus	(5)
			<u>OR</u>			
				MATH 1BH	Calculus - HONORS	(5)

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

PREPARATION FOR GRADUATION:

SCI&SOC 18	GIS & Society	(3)	NO COMPARABLE COURSE
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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.

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:

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

ECON 1A	Princ of Microecon	(4)	ECON 2	Principles of Microeconomics	(4)
			OR		
			ECON 2H	Principles of Microeconomics - HONORS	(4)
ECON 1B	Princ of Macroecon	(4)	ECON 1	Principles of Macroeconomics	(4)
			OR		
			ECON 1H	Principles of Macroeconomics - HONORS	(4)
<hr/>					
o) STATIST 13	Elementary Statistics	(4)	MATH 10	Elementary Statistics and Probability	(5)
Same as: STATIST 13Y			OR		
			MATH 10H	Elementary Statistics and Probability - HONORS	(5)
			OR		
			PSYC 15	Basic Statistics and Research Methods in Social and Behavioral Sciences	(4)
			Same as: SOC 15		
OR			OR		

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

MATH 16A	Short Calculus	(3)	MATH 1A	Calculus	(5)
			<u>OR</u>		
MATH 16B	Short Calculus	(3)	MATH 1AH	Calculus - HONORS	(5)
			MATH 1B	Calculus	(5)
			<u>OR</u>		
			MATH 1BH	Calculus - HONORS	(5)
	<u>OR</u>			<u>OR</u>	
MATH 21A	Calculus	(4)	MATH 1A	Calculus	(5)
			<u>OR</u>		
MATH 21B	Calculus	(4)	MATH 1AH	Calculus - HONORS	(5)
			MATH 1B	Calculus	(5)
			<u>OR</u>		
			MATH 1BH	Calculus - HONORS	(5)

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

MATH 21C	Calculus	(4)	MATH 1C	Calculus	(5)
			<u>OR</u>		
MATH 22A	Linear Algebra	(3)	MATH 1CH	Calculus - HONORS	(5)
			MATH 2B	Linear Algebra	(5)

END OF MAJOR

o) Students who complete PSYC 15 or SOC 15 at DeAnza College will receive credit at UC Davis for PSYCH 41 or STATIST 13 or SOCIOL 46A, not more than one course.

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

Special Advising Note:

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

Transfer applicants must also complete all lower-division courses required for their specific engineering major as listed below under courses "Required for Admission" with a cumulative GPA of 3.20 or higher for those courses completed

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

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

In addition to completing preparatory courses for the major, students must also meet UC transfer admission requirements by the close of spring term for fall enrollment at UC Davis. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment. See the UC Davis [transfer admission website](#) for details.

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

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit our website for details regarding [UC Davis TAG](#).

General Education (GE) Note:

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

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

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

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

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

ENGLISH 3	Intro to Lit	(4)	EWRT 1C	Literature and Composition	(5)
	OR			OR	
d) UWRITING 1	Expository Writing	(4)	EWRT 1A	Composition and Reading	(5)
			OR		
			EWRT 1AH	Composition and Reading - HONORS	(5)
			OR		
			EWRT 1B	Reading, Writing and Research	(5)
			OR		
			EWRT 1BH	Reading, Writing and Research - HONORS	(5)

ENGLISH 10A	Literatures in English (4) I: To 1700	ELIT 46A	Major British Writers (4) (Medieval and Renaissance)
ENGLISH 10B	Literatures in English (4) II: 1700-1900	ELIT 46B	Major British Writers (4) (Neo-Classical and Romantic)
		<u>OR</u>	
		ELIT 48A	Major American Writers (4) (Colonial and Romantic, 1620-1865)
ENGLISH 10C	Literatures in English (4) III: 1900 to Present	ELIT 46C	Major British Writers (4) (Victorian and Modern)
		<u>OR</u>	
		ELIT 48C	Major American Writers (4) (The Modern Age, 1914 - The Present)

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)	ELIT 12 Introduction to Dramatic Literature (4)
ENGLISH 44	Intro Topics in Fiction (4)	ELIT 10 Introduction to Fiction (4)
q) ENGLISH 45	Intro Topics in Poetry (4)	ELIT 11 Introduction to Poetry (4)

END OF MAJOR

- d) If a student takes EWRT 1B at DeAnza College, credit will be given for UC Davis's UWP 1 or 19, not both.
- q) The Department of English at UC Davis will accept De Anza's ELIT 11 in lieu of ENGLISH 45. The Department of Comparative Literature at UC Davis will accept De Anza's ELIT 11 in lieu of COMPLIT 14.

====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](http://ucdavis.edu/transfer) for details. UC Davis requires that students complete the minimum transfer admission requirement by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)		BIOL 6B	Cell and Molecular Biology	(6)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL 6C	Evolution and Ecology	(6)
				OR		
				BIOL 6CH	Ecology and Evolution	(6)

BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 6A	- HONORS Form and Function in the Biological World	(6)
			<u>OR</u>		
			BIOL 6AH	Form and Function in the Biological World - HONORS	(6)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
	<u>OR</u>			<u>OR</u>	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 12A	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 12B	Organic Chemistry	(5)
MATH 16A	Short Calculus	(3)	MATH 1A	Calculus	(5)
			<u>OR</u>		
MATH 16B	Short Calculus	(3)	MATH 1AH	Calculus - HONORS	(5)
			MATH 1B	Calculus	(5)
			<u>OR</u>		
MATH 16C	Short Calculus	(3)	MATH 1BH	Calculus - HONORS	(5)
			MATH 1C	Calculus	(5)
			<u>OR</u>		
	<u>OR</u>		MATH 1CH	Calculus - HONORS	(5)
MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
	<u>OR</u>			<u>OR</u>	
MATH 21A	Calculus	(4)	MATH 1A	Calculus	(5)
			<u>OR</u>		
MATH 21B	Calculus	(4)	MATH 1AH	Calculus - HONORS	(5)
			MATH 1B	Calculus	(5)
			<u>OR</u>		
MATH 21C	Calculus	(4)	MATH 1BH	Calculus - HONORS	(5)
			MATH 1C	Calculus	(5)
			<u>OR</u>		
			MATH 1CH	Calculus - HONORS	(5)
PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
PHYSICS 1B	Principles Physics	(3)	PHYS 2A	General Introductory Physics	(5)
o) STATIST 13	Elementary Statistics	(4)	MATH 10	Elementary Statistics and Probability	(5)
Same as: STATIST 13Y			<u>OR</u>		
			MATH 10H	Elementary Statistics and Probability - HONORS	(5)
			<u>OR</u>		
			PSYC 15	Basic Statistics and Research Methods in Social and Behavioral Sciences	(4)
			Same as: SOC 15		
	<u>OR</u>			<u>OR</u>	
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		
	<u>OR</u>			<u>OR</u>	
PL SCI 21	Computers in Technology	(3)	NO COMPARABLE COURSE		

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

Special Advising Note:

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

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

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

In addition to completing preparatory courses for the major, students must also meet UC transfer admission requirements by the close of spring term for fall enrollment at UC Davis. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment. See the UC Davis [transfer admission website](#) for details.

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

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit our website for details regarding [UC Davis TAG](#).

General Education (GE) Note:

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

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

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

END OF MAJOR

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

ENVHORT 1	Intro Envhort/Urb For	(3)	NO COMPARABLE COURSE
ENVHORT 6	Intro Environ Plants	(4)	NO COMPARABLE COURSE
LND ARC 30	History Environ Design	(4)	NO COMPARABLE COURSE
BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 6B Cell and Molecular Biology (6)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 6C Evolution and Ecology (6)
			OR
			BIOL 6CH Ecology and Evolution (6)
			- HONORS
PL SCI 2	Bot Physio Cul Plt	(4)	NO COMPARABLE COURSE
CHEM 2A	Genl Chemistry	(5)	CHEM 1A General Chemistry (5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1B General Chemistry (5)
ENV S&P 1	Env Analysis	(4)	NO COMPARABLE COURSE
	OR		OR
ENV S&P 10	Current Issues in Environment	(3)	E S 1 Introduction to Environmental Studies (4)
			OR

ENV S&P 10 not open for credit to students who have completed ENV S&P 1			ESC1 19	Environmental Biology	(5)
OR			OR		
ENV S&P 30	Global Ecosystem	(3)	ESC1 20	Introduction to	(5)
Same as: ENV SC&M 30			Biodiversity		

PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
PHYSICS 1B	Principles Physics	(3)	PHYS 2A	General Introductory	(5)
			Physics		

PL SCI 21	Computers in Technology	(3)	NO COMPARABLE COURSE		

MATH 16A	Short Calculus	(3)	MATH 1A	Calculus	(5)
			OR		
			MATH 1AH	Calculus - HONORS	(5)
			OR		
o) STATIST 13	Elementary	(4)	MATH 10	Elementary Statistics	(5)
			and Probability		
Same as: STATIST 13Y			OR		
			MATH 10H	Elementary Statistics	(5)
			and Probability - HONORS		
			OR		
			PSYC 15	Basic Statistics and	(4)
			Research Methods in		
			Social and Behavioral		
			Sciences		
			Same as: SOC 15		

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

<u>URBAN LANDSCAPE MANAGEMENT OPTION</u>						
SCI&SOC 18	GIS & Society	(3)		NO COMPARABLE COURSE		

RECOMMENDED COURSES:

COMUNCN 1	Intro Public Spkg	(4)		COMM 1	Public Speaking	(5)
				OR		
				COMM 1H	Public Speaking - HONORS	(5)

END OF MAJOR

- o) Students who complete PSYC 15 or SOC 15 at DeAnza College will receive credit at UC Davis for PSYCH 41 or STATIST 13 or SOCIOL 46A, not more than one course.

====Environmental Policy Analysis & Planning B.S.====
Special Advising Note:

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

COMUNCN 1	Intro Public Spkg	(4)	COMM 1	Public Speaking	(5)
				OR	
			COMM 1H	Public Speaking - HONORS	(5)
	OR			OR	
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	COMM 16	Interpersonal Communication	(5)
				OR	
			COMM 16H	Interpersonal Communication - HONORS	(5)
	OR			OR	
DRAMART 10	Intro To Acting	(4)	NO COMPARABLE COURSE		
BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 6B	Cell and Molecular Biology	(6)
	OR			OR	
BIOLSCI 10	Everyday Biology	(4)	BIOL 10	Introductory Biology	(5)
			OR		
			BIOL 10H	Introductory Biology - HONORS	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
	OR			OR	
CHEM 10	Concept of Chem	(4)	CHEM 10	Introductory Chemistry	(5)
PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 6C	Evolution and Ecology	(6)
			OR		
			BIOL 6CH	Ecology and Evolution - HONORS	(6)
	OR			OR	
CHEM 2B	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
	OR			OR	
PHYSICS 1B	Principles Physics	(3)	PHYS 2A	General Introductory Physics	(5)

ONE COURSE FROM THE FOLLOWING:

PL SCI 21	Computers in Technology	(3)	NO COMPARABLE COURSE		
	OR			OR	
SCI&SOC 18	GIS & Society	(3)	NO COMPARABLE COURSE		
ECON 1A	Princ of Microecon	(4)	ECON 2	Principles of Microeconomics	(4)
			OR		
			ECON 2H	Principles of Microeconomics - HONORS	(4)
ECON 1B	Princ of Macroecon	(4)	ECON 1	Principles of Macroeconomics	(4)
			OR		
			ECON 1H	Principles of Macroeconomics - HONORS	(4)

ONE COURSE FROM THE FOLLOWING:

AN SCI 1	Domest Ani & People	(4)	NO COMPARABLE COURSE	
ATM SCI 60	Intro to Atmospheric Science	(4)	NO COMPARABLE COURSE	
r) GEOLOGY 1	The Earth	(4)	GEOL 10	Introductory Geology (5)
PL SCI 12	Plants and Society	(4)	NO COMPARABLE COURSE	
Same as: SCI&SOC 12				
FORMERLY PLANT BIO 12				
W&F BIO 51	Intro to Conservation Biology	(3)	ESCI 30	Conservation Biology (5)

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

MATH 16A	Short Calculus	(3)	MATH 1A	Calculus (5)
			<u>OR</u>	
			MATH 1AH	Calculus - HONORS (5)
MATH 16B	Short Calculus	(3)	MATH 1B	Calculus (5)
			<u>OR</u>	
			MATH 1BH	Calculus - HONORS (5)
<u>OR</u>			<u>OR</u>	
MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE	
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE	
<u>OR</u>			<u>OR</u>	
MATH 21A	Calculus	(4)	MATH 1A	Calculus (5)
			<u>OR</u>	
			MATH 1AH	Calculus - HONORS (5)
MATH 21B	Calculus	(4)	MATH 1B	Calculus (5)
			<u>OR</u>	
			MATH 1BH	Calculus - HONORS (5)

POL SCI 1	Amer Natl Govt	(4)	POLI 1	American Government and Politics (4)

o) STATIST 13	Elementary Statistics	(4)	MATH 10	Elementary Statistics and Probability (5)
Same as: STATIST 13Y			<u>OR</u>	
			MATH 10H	Elementary Statistics and Probability - HONORS (5)
			<u>OR</u>	
			PSYC 15	Basic Statistics and Research Methods in Social and Behavioral Sciences (4)
			Same as: SOC 15	
<u>OR</u>			<u>OR</u>	
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE	

CLIMATE CHANGE POLICY AREA:				
SCI&SOC 25	Global Climate Change	(3)	NO COMPARABLE COURSE	

END OF MAJOR

- r) If a student takes GEOL 10 at De Anza College, credit will be given for UC Davis's GEOLOGY 1 or 50+50L, not both.
- o) Students who complete PSYC 15 or SOC 15 at DeAnza College will receive credit at UC Davis for PSYCH 41 or STATIST 13 or SOCIOL 46A, not more than one course.

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

Special Advising Note:

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

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.

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

AP and IB examination credit policies 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	(5)
				OR	
			COMM 1H	Public Speaking - HONORS	(5)
	OR			OR	
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	COMM 16	Interpersonal Communication	(5)
				OR	
			COMM 16H	Interpersonal Communication - HONORS	(5)
	OR			OR	
DRAMART 10	Intro To Acting	(4)	NO COMPARABLE COURSE		

BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 6B	Cell and Molecular Biology	(6)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 6C	Evolution and Ecology	(6)
			OR		
			BIOL 6CH	Ecology and Evolution - HONORS	(6)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 6A	Form and Function in the Biological World	(6)
			OR		
			BIOL 6AH	Form and Function in the Biological World - HONORS	(6)

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

r) GEOLOGY 1	The Earth	(4)	GEOL 10	Introductory Geology	(5)
	OR			OR	
c) GEOLOGY 50	Physical Geology	(3)	GEOL 10	Introductory Geology	(5)
r)					

PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
PHYSICS 1B	Principles Physics	(3)	PHYS 2A	General Introductory Physics	(5)
	OR			OR	
PHYSICS 7A	General Physics	(4)	PHYS 2B &	General Introductory Physics	(5)
			PHYS 2C	General Introductory Physics	(5)
PHYSICS 7B	General Physics	(4)	PHYS 2B &	General Introductory Physics	(5)
			PHYS 2C	General Introductory Physics	(5)

PHYSICS 7C	General Physics	(4)	PHYS 2B &	General Introductory Physics	(5)
			PHYS 2C	General Introductory Physics	(5)

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

ECON 1A	Princ of Microecon	(4)	ECON 2	Principles of Microeconomics	(4)
			<u>OR</u>		
			ECON 2H	Principles of Microeconomics - HONORS	(4)

MATH 16A	Short Calculus	(3)	MATH 1A	Calculus	(5)
			<u>OR</u>		
			MATH 1AH	Calculus - HONORS	(5)
MATH 16B	Short Calculus	(3)	MATH 1B	Calculus	(5)
			<u>OR</u>		
			MATH 1BH	Calculus - HONORS	(5)
	<u>OR</u>			<u>OR</u>	
MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
	<u>OR</u>			<u>OR</u>	
MATH 21A	Calculus	(4)	MATH 1A	Calculus	(5)
			<u>OR</u>		
			MATH 1AH	Calculus - HONORS	(5)
MATH 21B	Calculus	(4)	MATH 1B	Calculus	(5)
			<u>OR</u>		
			MATH 1BH	Calculus - HONORS	(5)

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 1C	General Chemistry and Qualitative Analysis	(5)
	<u>OR</u>			<u>OR</u>	
CHEM 2CH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		

PREPARATION FOR GRADUATION:

o) STATIST 13	Elementary Statistics	(4)	MATH 10	Elementary Statistics and Probability	(5)
Same as: STATIST 13Y			<u>OR</u>		
			MATH 10H	Elementary Statistics and Probability - HONORS	(5)
			<u>OR</u>		
			PSYC 15	Basic Statistics and Research Methods in Social and Behavioral Sciences	(4)
			Same as: SOC 15		

ECOLOGY, BIODIVERSITY, AND CONSERVATION TRACK:

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

ATM SCI 60	Intro to Atmospheric Science	(4)	NO COMPARABLE COURSE
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WATERSHED SCIENCE TRACK:

HYDRO S 10	Water, Power, Society	(3)	NO COMPARABLE COURSE
Same as: SCI&SOC 10			
GEOLOGY 35	Rivers	(3)	NO COMPARABLE COURSE
LND ARC 60	Landform Grading Studio	(6)	NO COMPARABLE COURSE

END OF MAJOR

- r) If a student takes GEOL 10 at De Anza College, credit will be given for UC Davis's GEOLOGY 1 or 50+50L, not both.
- c) This course is not strictly comparable with UC Davis course but will fulfill the introductory physical geology requirement for the geology major at UC Davis.
- o) Students who complete PSYC 15 or SOC 15 at DeAnza College will receive credit at UC Davis for PSYCH 41 or STATIST 13 or SOCIOL 46A, not more than one course.

====Environmental Toxicology B.S.====**Special Advising Note:**

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

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

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

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

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

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

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

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

BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 6B	Cell and Molecular Biology	(6)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 6C	Evolution and Ecology	(6)
			OR		
			BIOL 6CH	Ecology and Evolution - HONORS	(6)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 6A	Form and Function in the Biological World	(6)
			OR		
			BIOL 6AH	Form and Function in the Biological World - HONORS	(6)
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CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1C	General Chemistry and	(5)

					Qualitative Analysis		
OR					OR		
CHEM 2AH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE				
CHEM 2BH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE				
CHEM 2CH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE				
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CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 12A	Organic Chemistry	(5)		
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 12B	Organic Chemistry	(5)		
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 12C	Organic Chemistry	(5)		
OR					OR		
CHEM 128A	Organic Chemistry	(3)	CHEM 12A	Organic Chemistry	(5)		
CHEM 128B	Organic Chemistry	(3)	CHEM 12B	Organic Chemistry	(5)		
CHEM 128C	Organic Chemistry	(3)	CHEM 12C	Organic Chemistry	(5)		
CHEM 129A	Organic Chem Lab	(2)	CHEM 12A	Organic Chemistry	(5)		
<hr/>							
MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE				
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE				
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE				
OR					OR		
MATH 21A	Calculus	(4)	MATH 1A	Calculus	(5)		
			OR				
			MATH 1AH	Calculus - HONORS	(5)		
MATH 21B	Calculus	(4)	MATH 1B	Calculus	(5)		
			OR				
			MATH 1BH	Calculus - HONORS	(5)		
MATH 21C	Calculus	(4)	MATH 1C	Calculus	(5)		
			OR				
			MATH 1CH	Calculus - HONORS	(5)		
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PHYSICS 7A	General Physics	(4)	PHYS 2B &	General Introductory Physics	(5)		
			PHYS 2C	General Introductory Physics	(5)		
PHYSICS 7B	General Physics	(4)	PHYS 2B &	General Introductory Physics	(5)		
			PHYS 2C	General Introductory Physics	(5)		
PHYSICS 7C	General Physics	(4)	PHYS 2B &	General Introductory Physics	(5)		
			PHYS 2C	General Introductory Physics	(5)		

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

END OF MAJOR

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

Special Advising Note:

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

Transfer students are strongly advised to complete as many preparatory courses

as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

Chemistry 2A/B/C

Biological Sciences 2A/B/C

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

Organic Chemistry series cited on ASSIST for your major*

Physics 7A/B/C or the physics series cited on ASSIST

for your intended College of Biological Sciences major (especially useful for Neurobiology, Physiology and Behavior majors).

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 6B	Cell and Molecular Biology	(6)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 6C	Evolution and Ecology	(6)
			<u>OR</u>		
			BIOL 6CH	Ecology and Evolution - HONORS	(6)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 6A	Form and Function in the Biological World	(6)
			<u>OR</u>		
			BIOL 6AH	Form and Function in the Biological World - HONORS	(6)
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CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
<hr/>					
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
<hr/>					
MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
	<u>OR</u>		<u>OR</u>		
MATH 21A	Calculus	(4)	MATH 1A	Calculus	(5)
			<u>OR</u>		
			MATH 1AH	Calculus - HONORS	(5)
MATH 21B	Calculus	(4)	MATH 1B	Calculus	(5)
			<u>OR</u>		
			MATH 1BH	Calculus - HONORS	(5)
<hr/>					
PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
PHYSICS 1B	Principles Physics	(3)	PHYS 2A	General Introductory Physics	(5)

RECOMMENDED:

MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE	
	OR		OR	
MATH 21C	Calculus	(4)	MATH 1C	Calculus (5)
			OR	
			MATH 1CH	Calculus - HONORS (5)

END OF MAJOR**====Evolution, Ecology & Biodiversity B.S.====****Special Advising Note:**

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

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

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 6B	Cell and Molecular Biology	(6)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 6C	Evolution and Ecology	(6)
			OR		
			BIOL 6CH	Ecology and Evolution - HONORS	(6)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 6A	Form and Function in the Biological World	(6)
			OR		
			BIOL 6AH	Form and Function in the Biological World - HONORS	(6)
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CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1C	General Chemistry and Qualitative Analysis	(5)
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CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
	OR		OR		
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 12A	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 12B	Organic Chemistry	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 12C	Organic Chemistry	(5)
<hr/>					
MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
	OR		OR		
MATH 21A	Calculus	(4)	MATH 1A	Calculus	(5)
			OR		
			MATH 1AH	Calculus - HONORS	(5)

MATH 21B	Calculus	(4)	MATH 1B	Calculus	(5)
			<u>OR</u>		
			MATH 1BH	Calculus - HONORS	(5)
PHYSICS 7A	General Physics	(4)	PHYS 2B &	General Introductory Physics	(5)
			PHYS 2C	General Introductory Physics	(5)
PHYSICS 7B	General Physics	(4)	PHYS 2B &	General Introductory Physics	(5)
			PHYS 2C	General Introductory Physics	(5)
PHYSICS 7C	General Physics	(4)	PHYS 2B &	General Introductory Physics	(5)
			PHYS 2C	General Introductory Physics	(5)

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

RECOMMENDED:

MATH 21C	Calculus	(4)	MATH 1C	Calculus	(5)
			<u>OR</u>		
			MATH 1CH	Calculus - HONORS	(5)

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

B) ENG CS 15	Intro to Computers	(4)	NO COMPARABLE COURSE		
	<u>OR</u>			<u>OR</u>	
ENG CS 36A	Programming	(4)	CIS 22A	Beginning Programming Methodologies in C++	(4.5)
Formerly ENG CS 30			<u>OR</u>		
			CIS 26A	C as a Second Programming Language	(4.5)
			<u>OR</u>		
			CIS 26B	Advanced C Programming	(4.5)
			<u>OR</u>		
			CIS 35A	Java Programming	(4.5)
			<u>OR</u>		

CIS 36A	Introduction to Computer Programming Using Java	(4.5)
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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.

MATH 16A	Short Calculus	(3)	MATH 1A	Calculus	(5)
			<u>OR</u>		
MATH 16B	Short Calculus	(3)	MATH 1AH	Calculus - HONORS	(5)
			MATH 1B	Calculus	(5)
			<u>OR</u>		
MATH 16C	Short Calculus	(3)	MATH 1BH	Calculus - HONORS	(5)
			MATH 1C	Calculus	(5)
			<u>OR</u>		
			MATH 1CH	Calculus - HONORS	(5)
	<u>OR</u>			<u>OR</u>	
MATH 21A	Calculus	(4)	MATH 1A	Calculus	(5)
			<u>OR</u>		
MATH 21B	Calculus	(4)	MATH 1AH	Calculus - HONORS	(5)
			MATH 1B	Calculus	(5)
			<u>OR</u>		
MATH 21C	Calculus	(4)	MATH 1BH	Calculus - HONORS	(5)
			MATH 1C	Calculus	(5)
			<u>OR</u>		
			MATH 1CH	Calculus - HONORS	(5)
PHYSICS 7A	General Physics	(4)	PHYS 2B &	General Introductory Physics	(5)
			PHYS 2C	General Introductory Physics	(5)
PHYSICS 7B	General Physics	(4)	PHYS 2B &	General Introductory Physics	(5)
			PHYS 2C	General Introductory Physics	(5)
PHYSICS 7C	General Physics	(4)	PHYS 2B &	General Introductory Physics	(5)
			PHYS 2C	General Introductory Physics	(5)
It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.					
	<u>OR</u>			<u>OR</u>	
PHYSICS 9A	Classical Physics	(5)	PHYS 4A	Physics for Scientists and Engineers: Mechanics	(6)
PHYSICS 9B	Classical Physics	(5)	PHYS 4C	Physics for Scientists and Engineers: Fluids, Waves, Optics and Thermodynamics	(6)
PHYSICS 9C	Classical Physics	(5)	PHYS 4B	Physics for Scientists and Engineers: Electricity and Magnetism	(6)
o) STATIST 13	Elementary Statistics	(4)	MATH 10	Elementary Statistics and Probability	(5)

Same as: STATIST 13Y

OR

MATH 10H Elementary Statistics (5)
and Probability -
HONORS

OR

PSYC 15 Basic Statistics and (4)
Research Methods in
Social and Behavioral
Sciences

Same as: SOC 15

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

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

ENGIN 45 Prop of Mats (4) | NO COMPARABLE COURSE

PREPARATION FOR GRADUATION:

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

ELECTIVE COURSES:

ECON 1A Princ of Microecon (4) | ECON 2 Principles of (4)
Microeconomics
OR
ECON 2H Principles of (4)
Microeconomics - HONORS
ECON 1B Princ of Macroecon (4) | ECON 1 Principles of (4)
Macroeconomics
OR
ECON 1H Principles of (4)
Macroeconomics - HONORS

MATH 22A Linear Algebra (3) | MATH 2B Linear Algebra (5)
MATH 22B Differntl Equations (3) | MATH 2A Differential Equations (5)

PL SCI 21 Computers in Technology (3) | NO COMPARABLE COURSE

END OF MAJOR

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

o) Students who complete PSYC 15 or SOC 15 at DeAnza College will receive
credit at UC Davis for PSYCH 41 or STATIST 13 or SOCIOL 46A, not more than
one course.

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

COMUNCN 1	Intro Public Spkg	(4)	COMM 1	Public Speaking	(5)
				OR	
			COMM 1H	Public Speaking - HONORS	(5)
<hr/>					
MATH 16A	Short Calculus	(3)	MATH 1A	Calculus	(5)
				OR	
			MATH 1AH	Calculus - HONORS	(5)
MATH 16B	Short Calculus	(3)	MATH 1B	Calculus	(5)
				OR	
			MATH 1BH	Calculus - HONORS	(5)
MATH 16C	Short Calculus	(3)	MATH 1C	Calculus	(5)
				OR	
			MATH 1CH	Calculus - HONORS	(5)
<hr/>					
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 6B	Cell and Molecular Biology	(6)
<hr/>					
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1C	General Chemistry and Qualitative Analysis	(5)
<hr/>					
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
	AND		AND		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
	OR		OR		
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 12A	Organic Chemistry	(5)
	AND		AND		
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 12B	Organic Chemistry	(5)
	OR		OR		
CHEM 128A	Organic Chemistry	(3)	CHEM 12A	Organic Chemistry	(5)
	AND		AND		
CHEM 128B	Organic Chemistry	(3)	CHEM 12B	Organic Chemistry	(5)
	AND		AND		
CHEM 129A	Organic Chem Lab	(2)	CHEM 12A	Organic Chemistry	(5)
<hr/>					
PHYSICS 7A	General Physics	(4)	PHYS 2B &	General Introductory Physics	(5)
			PHYS 2C	General Introductory Physics	(5)
PHYSICS 7B	General Physics	(4)	PHYS 2B &	General Introductory Physics	(5)
			PHYS 2C	General Introductory Physics	(5)
PHYSICS 7C	General Physics	(4)	PHYS 2B &	General Introductory Physics	(5)
			PHYS 2C	General Introductory Physics	(5)

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

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

College Foreign Language Requirement Note:

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

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

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

FRENCH 1	Elementary French	(5)	FREN 1	Elementary French (First Quarter)	(5)
FRENCH 2	Elementary French	(5)	FREN 2	Elementary French (Second Quarter)	(5)
FRENCH 3	Elementary French	(5)	FREN 3	Elementary French (Third Quarter)	(5)
FRENCH 21	Intermed French	(5)	FREN 4	Intermediate French (First Quarter)	(5)
FRENCH 22	Intermed French	(5)	FREN 5	Intermediate French (Second Quarter)	(5)
FRENCH 23	Intermed French	(5)	FREN 6	Intermediate French (Third Quarter)	(5)

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

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

WOM STD 50	Intro Gender Studies	(4)	WMST 1	Introduction to Women's Studies	(4)
WOM STD 60	Feminist Critiques	(4)	NO COMPARABLE COURSE		
WOM STD 70	Sexual:Thry&Hist	(4)	NO COMPARABLE COURSE		

TWO COURSES FROM THE FOLLOWING:

AF-AMST 10	Af-Am Culture & Soc	(4)	ICS 10	Introduction to African American Studies	(4)
AF-AMST 17	Women in Africa	(4)	NO COMPARABLE COURSE		
AMR STD 21	Objects & Everyday Life	(4)	NO COMPARABLE COURSE		
AMR STD 30	Amr Images Pop Cult	(4)	NO COMPARABLE COURSE		
ANTHRO 2	Cultural Anthropology	(5)	ANTH 2	Cultural Anthropology	(4)
			OR		
			ANTH 2H	Cultural Anthropology - HONORS	(4)
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)	ICS 20	Asian American Experience Past and Present	(4)
A A STD 2	Contemp Issues of Asian Americans	(4)	NO COMPARABLE COURSE		
CHICANO 10	Intro to Chic Std	(4)	ICS 30	Introduction to Chicano/a and Latino/a	(4)

				Studies	
CHICANO 21	Hlth Care Issues	(4)	NO COMPARABLE COURSE		
CHICANO 50	Chicano Culture	(4)	ICS 31	Chicano/a Culture	(4)
COMPLIT 12	Intro Women Writers	(4)	ELIT 21	Women in Literature	(4)
DRAMART 1	Theatre, Performance and Culture	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
ENGLISH 3	Intro to Lit	(4)	EWRT 1C	Literature and Composition	(5)
HISTORY 72A	Am Women & Gender	(4)	NO COMPARABLE COURSE		
HISTORY 72B	Am Women & Gender	(4)	HIST 9	Women in American History	(4)
			Same as: WMST 9		
			<u>OR</u>		
			HIST 9H	Women in American History - HONORS	(4)
			Same as: WMST 9H		
			<u>OR</u>		
			WMST 9	Women in American History	(4)
			Same as: HIST 9		
			<u>OR</u>		
			WMST 9H	Women in American History - HONORS	(4)
			Same as: HIST 9H		
HISTORY 85	Nat,Man&Mach/Amer	(4)	NO COMPARABLE COURSE		
N A STD 10	NA Experience	(4)	ICS 41	Native American Contemporary Society	(4)
N A STD 32	NA Music & Dance	(4)	NO COMPARABLE COURSE		
POL SCI 7	Law & Politics	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
PSYCH 1	General Psychology	(4)	PSYC 1	General Psychology	(4)
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 COMPARABLE COURSE		
	Same as: ANTHRO 32				
SOCIOL 2	Self and Society	(4)	NO COMPARABLE COURSE		
SOCIOL 3	Social Problems	(4)	SOC 20	Social Problems	(4)
SOCIOL 11	Sociology of Labor and Employment	(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		
TEX&CL 7	Style & Cult Std	(4)	NO COMPARABLE COURSE		
UWRITING 49	Writing Research Papers	(4)	EWRT 1B	Reading, Writing and Research	(5)
Formerly UWRITING 19			<u>OR</u>		
			EWRT 2	Critical Reading, Writing and Thinking	(5)
			<u>OR</u>		
			EWRT 2H	Critical Reading, Writing and Thinking - HONORS	(5)
WOM STD 20	Cult Repr of Gndr	(4)	NO COMPARABLE COURSE		
END OF MAJOR					

d) If a student takes EWRT 1B at DeAnza College, credit will be given for UC Davis's UWP 1 or 19, not both.

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

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

Chemistry 2A/B/C

Biological Sciences 2A/B/C

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

Organic Chemistry series cited on ASSIST for your major*

Physics 7A/B/C or the physics series cited on ASSIST

for your intended College of Biological Sciences major (especially useful for Neurobiology, Physiology and Behavior majors).

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

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

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG 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 6B	Cell and Molecular Biology	(6)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 6C	Evolution and Ecology	(6)
			<u>OR</u>		
			BIOL 6CH	Ecology and Evolution - HONORS	(6)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 6A	Form and Function in the Biological World	(6)
			<u>OR</u>		
			BIOL 6AH	Form and Function in the Biological World - HONORS	(6)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1C	General Chemistry and Qualitative Analysis	(5)
	<u>OR</u>		<u>OR</u>		
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 COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
	<u>OR</u>		<u>OR</u>		
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 12A	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 12B	Organic Chemistry	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 12C	Organic Chemistry	(5)
MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
	<u>OR</u>		<u>OR</u>		
MATH 21A	Calculus	(4)	MATH 1A	Calculus	(5)
			<u>OR</u>		
			MATH 1AH	Calculus - HONORS	(5)
MATH 21B	Calculus	(4)	MATH 1B	Calculus	(5)
			<u>OR</u>		
			MATH 1BH	Calculus - HONORS	(5)
PHYSICS 7A	General Physics	(4)	PHYS 2B &	General Introductory Physics	(5)
			PHYS 2C	General Introductory	(5)

PHYSICS 7B	General Physics	(4)	PHYS 2B &	Physics General Introductory	(5)
			PHYS 2C	Physics General Introductory	(5)
PHYSICS 7C	General Physics	(4)	PHYS 2B &	Physics General Introductory	(5)
			PHYS 2C	Physics General Introductory	(5)

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

RECOMMENDED:					
MATH 21C	Calculus	(4)	MATH 1C	Calculus	(5)
			<u>OR</u>		
			MATH 1CH	Calculus - HONORS	(5)

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 COMPARABLE COURSE	
GEOLOGY 3L	History of Life Lab	(1)	NO COMPARABLE COURSE	
c) GEOLOGY 50	Physical Geology	(3)	GEOL 10	Introductory Geology (5)
r) GEOLOGY 50L	Physical Geol Lab	(2)	GEOL 10	Introductory Geology (5)
c) GEOLOGY 60	Earth Materials: Intro	(4)	NO COMPARABLE COURSE	

MATH 16A	Short Calculus	(3)	MATH 1A	Calculus (5)
			<u>OR</u>	
			MATH 1AH	Calculus - HONORS (5)
MATH 16B	Short Calculus	(3)	MATH 1B	Calculus (5)
			<u>OR</u>	
			MATH 1BH	Calculus - HONORS (5)
	<u>OR</u>			<u>OR</u>
MATH 21A	Calculus	(4)	MATH 1A	Calculus (5)
			<u>OR</u>	
			MATH 1AH	Calculus - HONORS (5)
MATH 21B	Calculus	(4)	MATH 1B	Calculus (5)
			<u>OR</u>	
			MATH 1BH	Calculus - HONORS (5)

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

PHYSICS 7A	General Physics	(4)	PHYS 2B &	General Introductory Physics (5)
			PHYS 2C	General Introductory Physics (5)
PHYSICS 7B	General Physics	(4)	PHYS 2B &	General Introductory Physics (5)
			PHYS 2C	General Introductory Physics (5)

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

o) STATIST 13	Elementary Statistics	(4)	MATH 10	Elementary Statistics and Probability (5)
Same as: STATIST 13Y			<u>OR</u>	
			MATH 10H	Elementary Statistics and Probability - HONORS (5)
			<u>OR</u>	
			PSYC 15	Basic Statistics and Research Methods in (4)

		Social and Behavioral Sciences
		Same as: SOC 15
OR		OR
STATIST 32 Gateway to Data Science (4)	NO COMPARABLE COURSE	

END OF MAJOR

- c) **This course is not strictly comparable with UC Davis course but will fulfill the introductory physical geology requirement for the geology major at UC Davis.**
- r) **If a student takes GEOL 10 at De Anza College, credit will be given for UC Davis's GEOLOGY 1 or 50+50L, not both.**
- o) Students who complete PSYC 15 or SOC 15 at DeAnza College will receive credit at UC Davis for PSYCH 41 or STATIST 13 or SOCIOL 46A, not more than one course.

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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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:

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GEOLOGY 3	History of Life	(3)	NO COMPARABLE COURSE	
GEOLOGY 3L	History of Life Lab	(1)	NO COMPARABLE COURSE	
c) GEOLOGY 50	Physical Geology	(3)	GEOL 10	Introductory Geology (5)
r) GEOLOGY 50L	Physical Geol Lab	(2)	GEOL 10	Introductory Geology (5)
c) GEOLOGY 60	Earth Materials: Intro	(4)	NO COMPARABLE COURSE	
GEOLOGY 62	Optical Mineralogy	(2)	NO COMPARABLE COURSE	

MATH 21A	Calculus	(4)	MATH 1A	Calculus (5)
			<u>OR</u>	
			MATH 1AH	Calculus - HONORS (5)
MATH 21B	Calculus	(4)	MATH 1B	Calculus (5)
			<u>OR</u>	
			MATH 1BH	Calculus - HONORS (5)
MATH 21C	Calculus	(4)	MATH 1C	Calculus (5)
			<u>OR</u>	
			MATH 1CH	Calculus - HONORS (5)

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

SELECT ONE OF THE FOLLOWING THREE OPTIONS:

GENERAL GEOLOGY OPTION:

CHEM 2C	Genl Chemistry	(5)	CHEM 1C	General Chemistry and Qualitative Analysis (5)
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE	
PHYSICS 7A	General Physics	(4)	PHYS 2B &	General Introductory Physics (5)
			PHYS 2C	General Introductory Physics (5)
PHYSICS 7B	General Physics	(4)	PHYS 2B &	General Introductory Physics (5)
			PHYS 2C	General Introductory Physics (5)
PHYSICS 7C	General Physics	(4)	PHYS 2B &	General Introductory Physics (5)
			PHYS 2C	General Introductory Physics (5)

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

<u>OR</u>			<u>OR</u>	
PHYSICS 9A	Classical Physics	(5)	PHYS 4A	Physics for Scientists and Engineers: Mechanics (6)
PHYSICS 9B	Classical Physics	(5)	PHYS 4C	Physics for Scientists and Engineers: Fluids, Waves, Optics and Thermodynamics (6)
PHYSICS 9C	Classical Physics	(5)	PHYS 4B	Physics for Scientists and Engineers: Electricity and Magnetism (6)

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

GEOCHEMISTRY/PETROLOGY OPTION:

CHEM 2C	Genl Chemistry	(5)	CHEM 1C	General Chemistry and Qualitative Analysis	(5)
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		
MATH 21D	Vector Analysis	(4)	MATH 1D	Calculus	(5)
			<u>OR</u>		
PHYSICS 9A	Classical Physics	(5)	MATH 1DH	Calculus - HONORS	(5)
			PHYS 4A	Physics for Scientists and Engineers: Mechanics	(6)
PHYSICS 9B	Classical Physics	(5)	PHYS 4C	Physics for Scientists and Engineers: Fluids, Waves, Optics and Thermodynamics	(6)

QUANTITATIVE/GEOPHYSICS OPTION:

MATH 21D	Vector Analysis	(4)	MATH 1D	Calculus	(5)
			<u>OR</u>		
			MATH 1DH	Calculus - HONORS	(5)
MATH 22A	Linear Algebra	(3)	MATH 2B	Linear Algebra	(5)
PHYSICS 9A	Classical Physics	(5)	PHYS 4A	Physics for Scientists and Engineers: Mechanics	(6)
PHYSICS 9B	Classical Physics	(5)	PHYS 4C	Physics for Scientists and Engineers: Fluids, Waves, Optics and Thermodynamics	(6)
PHYSICS 9C	Classical Physics	(5)	PHYS 4B	Physics for Scientists and Engineers: Electricity and Magnetism	(6)

END OF MAJOR

- c) This course is not strictly comparable with UC Davis course but will fulfill the introductory physical geology requirement for the geology major at UC Davis.
- r) If a student takes GEOL 10 at De Anza College, credit will be given for UC Davis's GEOLOGY 1 or 50+50L, not both.

====German A.B.====**Special Advising Note:**

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

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

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated

here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

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

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

College Foreign Language Requirement Note:

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

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

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

GERMAN 1	Elementary German	(5)	GERM 1	Elementary German (First Quarter)	(5)
GERMAN 2	Elementary German	(5)	GERM 2	Elementary German (Second Quarter)	(5)
GERMAN 3	Elementary German	(5)	GERM 3	Elementary German (Third Quarter)	(5)
GERMAN 20	Intermediate German	(4)	GERM 4	Intermediate German (First Quarter)	(5)
			OR		
			GERM 5	Intermediate German (Second Quarter)	(5)
			OR		
			GERM 6	Intermediate German (Third Quarter)	(5)
GERMAN 21	Intermediate German	(4)	NO COMPARABLE COURSE		
GERMAN 22	Intermediate German	(4)	NO COMPARABLE COURSE		

END OF MAJOR

====Global Disease Biology B.S.====

Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. See the [UC Transfer Admission website](#) for details. UC Davis requires that students complete the minimum transfer admission requirement by the end of spring term

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

GDISBIO 90	Intro Global Disease Bio	(1)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
SCI&SOC 13	Disease and Society	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 6B	Cell and Molecular Biology (6)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 6C	Evolution and Ecology (6)
			OR	
			BIOL 6CH	Ecology and Evolution - HONORS (6)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 6A	Form and Function in the Biological World (6)
			OR	
			BIOL 6AH	Form and Function in the Biological World - HONORS (6)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry (5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1B	General Chemistry (5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1C	General Chemistry and Qualitative Analysis (5)
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE	
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE	
	OR		OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 12A	Organic Chemistry (5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 12B	Organic Chemistry (5)
MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE	
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE	
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE	
PHYSICS 7A	General Physics	(4)	PHYS 2B &	General Introductory Physics (5)
			PHYS 2C	General Introductory Physics (5)
PHYSICS 7B	General Physics	(4)	PHYS 2B &	General Introductory Physics (5)
			PHYS 2C	General Introductory Physics (5)

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

PREPARATION FOR GRADUATION:

o) STATIST 13	Elementary Statistics	(4)	MATH 10	Elementary Statistics and Probability (5)
Same as: STATIST 13Y			OR	
			MATH 10H	Elementary Statistics (5)

and Probability -
HONORS

OR

PSYC 15 Basic Statistics and (4)
Research Methods in
Social and Behavioral
Sciences
Same as: SOC 15

END OF MAJOR

o) Students who complete PSYC 15 or SOC 15 at DeAnza College will receive credit at UC Davis for PSYCH 41 or STATIST 13 or SOCIO 46A, not more than one course.

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

Special Advising 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

B. ASIA

HISTORY 8	Indian Civilization	(4)		NO COMPARABLE COURSE
HISTORY 9A	East Asian Civ	(4)		HIST 19A History of Asian Civilization: China and Japan (to the 19th Century) (4)
				Same as: INTL 19A
HISTORY 9B	East Asian Civ	(4)		HIST 19B History of Asian Civilization: China and Japan (19th - 21st Centuries) (4)
				Same as: INTL 19B

C. EUROPE

HISTORY 4A	Western Civ	(4)		HIST 6A <u>&</u> History of Western Civilization (4)
				HIST 6B History of Western Civilization (4)
				<u>OR</u>
				HIST 6AH History of Western Civilization - HONORS (4)
HISTORY 4B	Western Civ	(4)		HIST 6B History of Western Civilization (4)
				<u>OR</u>
				HIST 6BH History of Western Civilization - HONORS (4)
HISTORY 4C	Western Civ	(4)		HIST 6C History of Western Civilization (4)
				<u>OR</u>
				HIST 6CH History of Western Civilization - HONORS (4)

D. LATIN AMERICA

HISTORY 7A	Latin America to 1700	(4)		HIST 7A Colonial Latin American History (4)
				Same as: ICS 38A
				<u>OR</u>
				ICS 38A Colonial Latin American History (4)
				Same as: HIST 7A
HISTORY 7B	Latin America 1700-1900	(4)		HIST 7A Colonial Latin American History (4)
				Same as: ICS 38A
				<u>OR</u>
				ICS 38A <u>&</u> Colonial Latin American History (4)
				Same as: HIST 7A

			HIST 7B	Modern Latin American History	(4)
				Same as: ICS 38B	
			<u>OR</u>		
			ICS 38B	Modern Latin American History	(4)
				Same as: HIST 7B	
HISTORY 7C	Latin America 1900-Present	(4)	HIST 7B	Modern Latin American History	(4)
				Same as: ICS 38B	
			<u>OR</u>		
			ICS 38B	Modern Latin American History	(4)
				Same as: HIST 7B	

E. MIDDLE EAST

HISTORY 6	Intro to Middle East	(4)	NO COMPARABLE COURSE		
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F. UNITED STATES

HISTORY 17A	U.S. History	(4)	HIST 17A	History of the United States to Early National Era	(4)
			<u>OR</u>		
			HIST 17AH &	History of the United States to Early National Era - HONORS	(4)
			HIST 17B	History of the United States From 1800 to 1900	(4)
			<u>OR</u>		
			HIST 17BH	History of the United States from 1800 to 1900 - HONORS	(4)
HISTORY 17B	U.S. History	(4)	HIST 17B	History of the United States From 1800 to 1900	(4)
			<u>OR</u>		
			HIST 17BH &	History of the United States from 1800 to 1900 - HONORS	(4)
			HIST 17C	History of the United States From 1900 to the Present	(4)
			<u>OR</u>		
			HIST 17CH	History of the United States From 1900 to the Present - HONORS	(4)
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)	HIST 9	Women in American History	(4)
				Same as: WMST 9	
			<u>OR</u>		
			HIST 9H	Women in American History - HONORS	(4)
				Same as: WMST 9H	
			<u>OR</u>		
			WMST 9	Women in American History	(4)
				Same as: HIST 9	
			<u>OR</u>		
			WMST 9H	Women in American	(4)

			History - HONORS
			Same as: HIST 9H
HISTORY 80	US in the Middle East	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HISTORY 85	Nat, Man & Mach / Amer	(4)	NO COMPARABLE COURSE

G. WORLD

HISTORY 1	Introduction to History	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HISTORY 2	Intro History of Science	(4)	NO COURSE ARTICULATED
HISTORY 3	Cities: Survey of World Cultures	(4)	NO COMPARABLE COURSE
HISTORY 10A	World History to 1350	(4)	HIST 3A & World History from Prehistory to 750 CE (4)
			HIST 3B World History from 750 CE to 1750 CE (4)
			<u>OR</u>
			HIST 3AH World History from Prehistory to 750 CE - HONORS (4)
HISTORY 10B	World History 1350-1850	(4)	HIST 3B World History from 750 CE to 1750 CE (4)
			<u>OR</u>
			HIST 3BH World History from 750 CE to 1750 CE - HONORS (4)
HISTORY 10C	World History III	(4)	HIST 3C World History from 1750 CE to the Present (4)
			<u>OR</u>
			HIST 3CH World History from 1750 CE to the Present - Honors (4)
HISTORY 11	Hist Jewish People	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HISTORY 12	Food and History	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HISTORY 13	Global Sexualities	(4)	NO COURSE ARTICULATED
HISTORY 14	Hist Global Capitalism	(4)	NO COURSE ARTICULATED
HISTORY 20	The Vietnam War	(4)	NO COURSE ARTICULATED
HISTORY 90	Research in History	(4)	NO COURSE ARTICULATED

END OF MAJOR

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

Special Advising Note:

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

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

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

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

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Select two of the following courses:

ANTHRO 1	Human Evol Biol	(4)	ANTH 1	Physical Anthropology	(4)
			<u>OR</u>		
			ANTH 1H	Physical Anthropology - HONORS	(4)
ANTHRO 2	Cultural Anthropology	(5)	ANTH 2	Cultural Anthropology	(4)
			<u>OR</u>		
			ANTH 2H	Cultural Anthropology - HONORS	(4)
ANTHRO 15	Human Life Cycle	(5)	NO COMPARABLE COURSE		

Select one course from:

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 6B	Cell and Molecular Biology	(6)
	<u>OR</u>		<u>OR</u>		
BIOLSCI 10	Everyday Biology	(4)	BIOL 10	Introductory Biology	(5)
			<u>OR</u>		
			BIOL 10H	Introductory Biology - HONORS	(5)
	<u>OR</u>		<u>OR</u>		
MIC BIO 10	Natural History of Infectious Diseases	(3)	NO COMPARABLE COURSE		
	<u>OR</u>		<u>OR</u>		
NE PH B 12	Human Brain and Disease	(3)	NO COMPARABLE COURSE		
MOL&CB 10	Intro Human Heredity	(4)	NO COMPARABLE COURSE		

Select one course from:

HISTORY 17A	U.S. History	(4)	HIST 17A	History of the United States to Early National Era	(4)
			<u>OR</u>		
			HIST 17AH &	History of the United States to Early National Era - HONORS	(4)
			HIST 17B	History of the United States From 1800 to 1900	(4)
			<u>OR</u>		
			HIST 17BH	History of the United States from 1800 to 1900 - HONORS	(4)
	<u>OR</u>		<u>OR</u>		
HISTORY 17B	U.S. History	(4)	HIST 17B	History of the United States From 1800 to 1900	(4)
			<u>OR</u>		
			HIST 17BH &	History of the United States from 1800 to 1900 - HONORS	(4)
			HIST 17C	History of the United States From 1900 to the Present	(4)
			<u>OR</u>		
			HIST 17CH	History of the United States From 1900 to the Present - HONORS	(4)
	<u>OR</u>		<u>OR</u>		
HISTORY 72A	Am Women & Gender	(4)	NO COMPARABLE COURSE		
	<u>OR</u>		<u>OR</u>		
HISTORY 72B	Am Women & Gender	(4)	HIST 9	Women in American	(4)

			History	
			Same as: WMST 9	
			<u>OR</u>	
		HIST 9H	Women in American History - HONORS	(4)
			Same as: WMST 9H	
			<u>OR</u>	
		WMST 9	Women in American History	(4)
			Same as: HIST 9	
			<u>OR</u>	
		WMST 9H	Women in American History - HONORS	(4)
			Same as: HIST 9H	
	<u>OR</u>		<u>OR</u>	
POL SCI 1	Amer Natl Govt	(4)	POLI 1	American Government and Politics (4)

Select two of the following courses:

PHILOS 5	Critical Reasoning	(4)	PHIL 4	Critical Thinking	(4)
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 COURSE ARTICULATED: College has not submitted course(s)for articulation		
PHILOS 32	Scientific Change	(4)	NO COMPARABLE COURSE		
PHILOS 38	Intro Philos of Biol	(4)	NO COMPARABLE COURSE		
NE PH B 10	Elem Human Physio	(3)	BIOL 40A &	Human Anatomy and Physiology	(5)
			BIOL 40B &	Human Anatomy and Physiology	(5)
			BIOL 40C	Human Anatomy and Physiology	(5)

PSYCH 1	General Psychology	(4)	PSYC 1	General Psychology	(4)
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Select one of the following options:

o) PSYCH 41	Research Methods	(4)	PSYC 15	Basic Statistics and Research Methods in Social and Behavioral Sciences	(4)
			Same as: SOC 15		
	<u>OR</u>		<u>OR</u>		
o) SOCIOL 46A	Intro Social Rsch	(4)	SOC 15	Basic Statistics and Research Methods in Social and Behavioral Sciences	(4)
			Same as: PSYC 15		
	<u>AND</u>		<u>AND</u>		
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE		
	<u>OR</u>		<u>OR</u>		
STATIST 10	Statist Thinking	(4)	NO COMPARABLE COURSE		
	<u>OR</u>		<u>OR</u>		
o) STATIST 13	Elementary Statistics	(4)	MATH 10	Elementary Statistics and Probability	(5)
Same as: STATIST 13Y			<u>OR</u>		
			MATH 10H	Elementary Statistics and Probability - HONORS	(5)
			<u>OR</u>		

PSYC 15	Basic Statistics and Research Methods in Social and Behavioral Sciences	(4)
Same as: SOC 15		

END OF MAJOR

- o) Students who complete PSYC 15 or SOC 15 at DeAnza College will receive credit at UC Davis for PSYCH 41 or STATIST 13 or SOCIOL 46A, not more than one course.

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (emphasis in either writing or speaking skills). The English Composition requirement may also be met by achieving a score of 4 or 5 on the Advanced Placement (AP) English examination PLUS completing any previously listed course, EXCEPT English 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

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

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

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

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

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

BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 6B	Cell and Molecular Biology	(6)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 6C	Evolution and Ecology	(6)
			OR		
			BIOL 6CH	Ecology and Evolution - HONORS	(6)
<hr/>					
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1C	General Chemistry and Qualitative Analysis	(5)
<hr/>					
PHYSICS 9A	Classical Physics	(5)	PHYS 4A	Physics for Scientists and Engineers: Mechanics	(6)
PHYSICS 9B	Classical Physics	(5)	PHYS 4C	Physics for Scientists and Engineers: Fluids, Waves, Optics and Thermodynamics	(6)
PHYSICS 9C	Classical Physics	(5)	PHYS 4B	Physics for Scientists and Engineers: Electricity and Magnetism	(6)
<hr/>					
MATH 21A	Calculus	(4)	MATH 1A	Calculus	(5)
			OR		
MATH 21B	Calculus	(4)	MATH 1AH	Calculus - HONORS	(5)
			MATH 1B	Calculus	(5)
			OR		
MATH 21C	Calculus	(4)	MATH 1BH	Calculus - HONORS	(5)
			MATH 1C	Calculus	(5)

				<u>OR</u>		
MATH 21D	Vector Analysis	(4)		MATH 1CH	Calculus - HONORS	(5)
				MATH 1D	Calculus	(5)
				<u>OR</u>		
MATH 22A	Linear Algebra	(3)		MATH 1DH	Calculus - HONORS	(5)
				MATH 2B	Linear Algebra	(5)
MATH 22B	Differntl Equations	(3)		MATH 2A	Differential Equations	(5)

c) GEOLOGY 50	Physical Geology	(3)		GEOL 10	Introductory Geology	(5)
r)						
r) GEOLOGY 50L	Physical Geol Lab	(2)		GEOL 10	Introductory Geology	(5)
c)						

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

- c) This course is not strictly comparable with UC Davis course but will fulfill the introductory physical geology requirement for the geology major at UC Davis.
- r) If a student takes GEOL 10 at De Anza College, credit will be given for UC Davis's GEOLOGY 1 or 50+50L, not both.

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

INT AG 10	Intro Intl Ag Development	(4)	NO COMPARABLE COURSE	
PL SCI 2	Bot Physio Cul Plt	(4)	NO COMPARABLE COURSE	
SOILSCI 10	Soils in Our Environment	(3)	NO COMPARABLE COURSE	
ECON 1A	Princ of Microecon	(4)	ECON 2	Principles of Microeconomics (4)
			<u>OR</u>	
			ECON 2H	Principles of Microeconomics - HONORS (4)
	AND		AND	
ECON 1B	Princ of Macroecon	(4)	ECON 1	Principles of Macroeconomics (4)
			<u>OR</u>	
			ECON 1H	Principles of Macroeconomics - HONORS (4)
o) STATIST 13	Elementary	(4)	MATH 10	Elementary Statistics (5)

Statistics			and Probability	
Same as: STATIST 13Y			<u>OR</u>	
			MATH 10H	Elementary Statistics (5) and Probability - HONORS
			<u>OR</u>	
			PSYC 15	Basic Statistics and (4) Research Methods in Social and Behavioral Sciences
			Same as: SOC 15	
<u>OR</u>			<u>OR</u>	
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE	

MATH 16A	Short Calculus	(3)	MATH 1A	Calculus (5)
			<u>OR</u>	
			MATH 1AH	Calculus - HONORS (5)

CM&RGDE 1	The Community	(4)	NO COMPARABLE COURSE	

SIX QUARTER UNITS FROM THE FOLLOWING:

AGRESEC 15	Pop, Envr, World Agri	(4)	NO COMPARABLE COURSE
AN SCI 41	Domestic Ani Prod	(2)	NO COMPARABLE COURSE
AN SCI 41L	Domest An Prod Lab	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
CM&RGDE 20	Food Systems	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
NUTR 10	Discoveries and Concepts	(3)	NUTR 10 Contemporary Nutrition (4)
PL SCI 1	Agr Nature & Society	(3)	NO COMPARABLE COURSE
PL SCI 15	Intro Sustainable Agriculture	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
PL SCI 49	Org Crop Prod Prac	(3)	NO COMPARABLE COURSE

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 6B	Cell and Molecular Biology (6)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 6C	Evolution and Ecology (6)
			<u>OR</u>	
			BIOL 6CH	Ecology and Evolution (6) - HONORS
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry (5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1B	General Chemistry (5)

TRADE AND ECONOMIC DEVELOPMENT OPTION:

MATH 16B	Short Calculus	(3)	MATH 1B	Calculus (5)
			<u>OR</u>	
			MATH 1BH	Calculus - HONORS (5)
SOCIOL 1	Intro Sociology	(5)	SOC 1	Introduction to Sociology (4)
	<u>OR</u>		<u>OR</u>	
ANTHRO 2	Cultural Anthropology	(5)	ANTH 2	Cultural Anthropology (4)
			<u>OR</u>	
			ANTH 2H	Cultural Anthropology - (4) HONORS

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

ENVIRONMENTAL ISSUES OPTION:

BIOLSCI 2A	Intro Biology:Life on Earth	(5)		BIOL 6B	Cell and Molecular Biology	(6)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL 6C	Evolution and Ecology	(6)
				<u>OR</u>		
				BIOL 6CH	Ecology and Evolution - HONORS	(6)
ENV S&P 1	Env Analysis	(4)		NO COMPARABLE COURSE		

RURAL COMMUNITIES OPTION:

SOCIOL 1	Intro Sociology	(5)		SOC 1	Introduction to Sociology	(4)
ANTHRO 2	Cultural Anthropology	(5)		ANTH 2	Cultural Anthropology	(4)
				<u>OR</u>		
				ANTH 2H	Cultural Anthropology - HONORS	(4)

END OF MAJOR

o) Students who complete PSYC 15 or SOC 15 at DeAnza College will receive credit at UC Davis for PSYCH 41 or STATIST 13 or SOCIOL 46A, not more than one course.

====International Relations A.B.====

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

ANTHRO 2	Cultural Anthropology	(5)	ANTH 2	Cultural Anthropology	(4)
			<u>OR</u>		
			ANTH 2H	Cultural Anthropology - HONORS	(4)
	<u>OR</u>			<u>OR</u>	
ECON 1A	Princ of Microecon	(4)	ECON 2	Principles of Microeconomics	(4)
			<u>OR</u>		
			ECON 2H	Principles of Microeconomics - HONORS	(4)
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ECON 1B	Princ of Macroecon	(4)	ECON 1	Principles of Macroeconomics	(4)
			<u>OR</u>		
			ECON 1H	Principles of Macroeconomics - HONORS	(4)
<hr/>					
HISTORY 4C	Western Civ	(4)	HIST 6C	History of Western Civilization	(4)
			<u>OR</u>		
			HIST 6CH	History of Western Civilization - HONORS	(4)
	<u>OR</u>			<u>OR</u>	
HISTORY 10C	World History III	(4)	HIST 3C	World History from 1750 CE to the Present	(4)
			<u>OR</u>		
			HIST 3CH	World History from 1750 CE to the Present - Honors	(4)
<hr/>					
POL SCI 2	Intro Comp Politics	(4)	POLI 2	Comparative Politics	(4)
<hr/>					
POL SCI 3	Internatl Relations	(4)	POLI 3	International Relations	(4)
<hr/>					
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				
	<u>OR</u>			<u>OR</u>	
o) STATIST 13	Elementary Statistics	(4)	MATH 10	Elementary Statistics and Probability	(5)
	Same as: STATIST 13Y		<u>OR</u>		
			MATH 10H	Elementary Statistics and Probability - HONORS	(5)
			<u>OR</u>		
			PSYC 15	Basic Statistics and Research Methods in Social and Behavioral Sciences	(4)
				Same as: SOC 15	

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

POL SCI 51	Scientific Study of Politics	(4)	NO COMPARABLE COURSE

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
OR			OR
x) CHINESE 1	Elem Chinese	(5)	MAND 2 Elementary Mandarin (5) (Second Quarter)
x) CHINESE 2	Elem Chinese	(5)	MAND 3 Elementary Mandarin (5) (Third Quarter)
x) CHINESE 3	Elem Chinese	(5)	MAND 4 Intermediate Mandarin (5) (First Quarter)
x) CHINESE 4	Inter Chinese	(5)	MAND 5 Intermediate Mandarin (5) (Second Quarter)
x) CHINESE 5	Inter Chinese	(5)	MAND 6 Intermediate Mandarin (5) (Third Quarter)
x) CHINESE 6	Inter Chinese	(5)	NO COMPARABLE COURSE
OR			OR
x) CHINESE 1CN	Mand/Cant Spkrs I	(5)	NO COMPARABLE COURSE
x) CHINESE 2CN	Mand/Cant Spkrs II	(5)	NO COMPARABLE COURSE
x) CHINESE 3CN	Mand/Cant Spkrs III	(5)	NO COMPARABLE COURSE
OR			OR
x) CHINESE 1BL	Accl Wrtn Chinese I	(5)	NO COMPARABLE COURSE
x) CHINESE 2BL	Accl Wrtn Chinese II	(5)	NO COMPARABLE COURSE
x) CHINESE 3BL	Accl Wrtn Chinese III	(5)	NO COMPARABLE COURSE
OR			OR
FRENCH 1	Elementary French	(5)	FREN 1 Elementary French (First (5) Quarter)
FRENCH 2	Elementary French	(5)	FREN 2 Elementary French (5) (Second Quarter)
FRENCH 3	Elementary French	(5)	FREN 3 Elementary French (Third (5) Quarter)
FRENCH 21	Intermed French	(5)	FREN 4 Intermediate French (5) (First Quarter)
FRENCH 22	Intermed French	(5)	FREN 5 Intermediate French (5) (Second Quarter)
OR			OR
GERMAN 1	Elementary German	(5)	GERM 1 Elementary German (First (5)

GERMAN 2	Elementary German	(5)	Quarter)
GERMAN 3	Elementary German	(5)	GERM 2 Elementary German (5) (Second Quarter)
GERMAN 20	Intermediate German	(4)	GERM 3 Elementary German (Third (5) Quarter)
			GERM 4 Intermediate German (5) (First Quarter)
			<u>OR</u>
			GERM 5 Intermediate German (5) (Second Quarter)
			<u>OR</u>
			GERM 6 Intermediate German (5) (Third Quarter)
GERMAN 21	Intermediate German	(4)	NO COMPARABLE COURSE
	<u>OR</u>		<u>OR</u>
HEBREW 1	Elem Hebrew	(5)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
HEBREW 2	Elem Hebrew	(5)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
HEBREW 3	Elem Hebrew	(5)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
HEBREW 21	Intermed Modern Hebrew I	(4)	NO COMPARABLE COURSE
HEBREW 22	Intermed Modern Hebrew II	(4)	NO COMPARABLE COURSE
HEBREW 23	Intermed Modern Hebrew III	(4)	NO COURSE ARTICULATED
	<u>OR</u>		<u>OR</u>
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
	<u>OR</u>		<u>OR</u>
ITALIAN 1	Elementary Italian	(5)	ITAL 1 Elementary Italian (5) (First Quarter)
ITALIAN 2	Elementary Italian	(5)	ITAL 2 Elementary Italian (5) (Second Quarter)
ITALIAN 3	Elementary Italian	(5)	ITAL 3 Elementary Italian (5) (Third Quarter)
ITALIAN 4	Interm Italian	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
ITALIAN 5	Interm Italian	(4)	NO COMPARABLE COURSE
	<u>OR</u>		<u>OR</u>
ITALIAN 1	Elementary Italian	(5)	ITAL 1 Elementary Italian (5) (First Quarter)
ITALIAN 2	Elementary Italian	(5)	ITAL 2 Elementary Italian (5) (Second Quarter)
ITALIAN 3	Elementary Italian	(5)	ITAL 3 Elementary Italian (5) (Third Quarter)
ITALIAN 8A	Italian Convers	(3)	NO COMPARABLE COURSE
ITALIAN 8B	Italian Convers	(3)	NO COMPARABLE COURSE
	<u>OR</u>		<u>OR</u>
y) JPNese 1	Elem Japanese	(5)	JAPN 4 Intermediate Japanese (5) (First Quarter)
			<u>OR</u>
			JAPN 5 Intermediate Japanese (5) (Second Quarter)
			<u>OR</u>

			JAPN 6	Intermediate Japanese (Third Quarter)	(5)
y) JPNESE 2	Elem Japanese	(5)	NO COMPARABLE COURSE		
y) JPNESE 3	Elem Japanese	(5)	NO COMPARABLE COURSE		
y) JPNESE 4	Inter Japanese	(5)	NO COMPARABLE COURSE		
y) JPNESE 5	Inter Japanese	(5)	NO COMPARABLE COURSE		
y) JPNESE 6	Inter Japanese	(5)	NO COMPARABLE COURSE		
OR			OR		
PORTUG 1	Elementary Portuguese	(5)	NO COMPARABLE COURSE		
PORTUG 2	Elementary Portuguese	(5)	NO COMPARABLE COURSE		
PORTUG 3	Elementary Portuguese	(5)	NO COMPARABLE COURSE		
PORTUG 21	Intermediate Portuguese	(5)	NO COMPARABLE COURSE		
PORTUG 22	Intermediate Portuguese	(5)	NO COMPARABLE COURSE		
OR			OR		
RUSSIAN 1	Elementary Russian	(5)	RUSS 1	Elementary Russian (First Quarter)	(5)
RUSSIAN 2	Elementary Russian	(5)	RUSS 2	Elementary Russian (Second Quarter)	(5)
RUSSIAN 3	Elementary Russian	(5)	RUSS 3	Elementary Russian (Third Quarter)	(5)
RUSSIAN 4	Intermed Russian	(4)	NO COMPARABLE COURSE		
RUSSIAN 5	Intermed Russian	(4)	NO COMPARABLE COURSE		

Students with only one year or less of Russian at the community college level should consult with an advisor in the Russian Department at UC Davis before continuing on with the Russian series.

OR			OR		
SPANISH 1	Elementary Spanish	(5)	SPAN 1	Elementary Spanish (First Quarter)	(5)
SPANISH 2	Elementary Spanish	(5)	SPAN 2	Elementary Spanish (Second Quarter)	(5)
SPANISH 3	Elementary Spanish	(5)	SPAN 3	Elementary Spanish (Third Quarter)	(5)
SPANISH 21	Intm Spanish	(5)	SPAN 4 &	Intermediate Spanish (First Quarter)	(5)
			SPAN 5 &	Intermediate Spanish (Second Quarter)	(5)
			SPAN 6	Intermediate Spanish (Third Quarter)	(5)
SPANISH 22	Intm Spanish	(5)	SPAN 4 &	Intermediate Spanish (First Quarter)	(5)
			SPAN 5 &	Intermediate Spanish (Second Quarter)	(5)
			SPAN 6	Intermediate Spanish (Third Quarter)	(5)
OR			OR		
SPANISH 31	Int Span Nat Spk I	(5)	NO COMPARABLE COURSE		
SPANISH 32	Int Span Nat Spk II	(5)	NO COMPARABLE COURSE		
SPANISH 33	Int Span Nat Spk III	(5)	NO COMPARABLE COURSE		

Advising Note: Transfer students are strongly encouraged to review the structure of the major and be cognizant of any changes made to the curriculum of the program and/or specific tracks within the major. Certain upper-division courses require completion of prerequisite courses. In addition, the international relations major offers several options for completing upper-division coursework for the major. There are upper-division economics courses in some of the options that require calculus as a prerequisite. Consult the [UC Davis General Catalog](#), available online, or consult an advisor to learn if the option you will choose contains economics courses with a calculus prerequisite.

END OF MAJOR

- o) Students who complete PSYC 15 or SOC 15 at DeAnza College will receive credit at UC Davis for PSYCH 41 or STATIST 13 or SOCIO 46A, not more than one course.
- x) **Transfer students must take a UC Davis placement exam in Chinese language before enrolling in UC Davis Chinese language courses; duplication of coursework may result.**
- y) **Transfer students must take a UC Davis placement exam in Japanese language before enrolling in UC Davis Japanese language courses; duplication of credit may result.**

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

available from our TAG website.

ITALIAN 1	Elementary Italian	(5)	ITAL 1	Elementary Italian (First Quarter)	(5)
ITALIAN 2	Elementary Italian	(5)	ITAL 2	Elementary Italian (Second Quarter)	(5)
ITALIAN 3	Elementary Italian	(5)	ITAL 3	Elementary Italian (Third Quarter)	(5)
ITALIAN 4	Interm Italian	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ITALIAN 5	Interm Italian	(4)	NO COMPARABLE COURSE		
ITALIAN 9	Reading Italian	(4)	NO COMPARABLE COURSE		

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

END OF MAJOR

====Japanese A.B.====

Special Advising Note:

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

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

Japanese Placement Examination Note:

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

College Foreign Language Requirement Note:

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

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

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

y) JPNESE 1	Elem Japanese	(5)	JAPN 4	Intermediate Japanese (First Quarter)	(5)
			<u>OR</u>		
			JAPN 5	Intermediate Japanese (Second Quarter)	(5)
			<u>OR</u>		
			JAPN 6	Intermediate Japanese (Third Quarter)	(5)
y) JPNESE 2	Elem Japanese	(5)	NO COMPARABLE COURSE		
y) JPNESE 3	Elem Japanese	(5)	NO COMPARABLE COURSE		
y) JPNESE 4	Inter Japanese	(5)	NO COMPARABLE COURSE		
y) JPNESE 5	Inter Japanese	(5)	NO COMPARABLE COURSE		
y) JPNESE 6	Inter Japanese	(5)	NO COMPARABLE COURSE		

RECOMMENDED COURSES FOR THIS MAJOR:

JPNESE 10	Masterworks in English	(4)	NO COMPARABLE COURSE		
JPNESE 25	Language & Culture (in English)	(4)	NO COMPARABLE COURSE		
CHINESE 10	Modern Lit (in Engl)	(4)	NO COMPARABLE COURSE		
CHINESE 11	Gt Bks China (Engl)	(4)	NO COMPARABLE COURSE		
CHINESE 50	Intro to Literature	(4)	NO COMPARABLE COURSE		
Same as: JPNESE 50					
LINGUIS 1	Intro Linguistics	(4)	LING 1	Introduction to Linguistics	(4)
HISTORY 9B	East Asian Civ	(4)	HIST 19B	History of Asian Civilization: China and Japan (19th - 21st Centuries)	(4)
			Same as: INTL 19B		

END OF MAJOR

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

====Landscape Architecture B.S.====

Special Advising Note:

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

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

PRE-MAJOR REQUIREMENT:

Students who wish to major in landscape architecture must apply to "Landscape Architecture (Pre-)." Admission to UC Davis in pre-landscape architecture does not guarantee admission to the landscape architecture major.

After applying for admission, students submit a separate portfolio application to the landscape architecture program in February, either before or after enrollment at UC Davis. Contact the Landscape Architecture Advising Office at (530) 754-8628 or visit humanecology.ucdavis.edu/lda for details.

To be a competitive applicant, you must earn an overall transfer GPA of 2.80 or higher.

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

College (CCC).

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

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

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

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

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

COMUNCN 1	Intro Public Spkg	(4)	COMM 1	Public Speaking	(5)
				OR	
			COMM 1H	Public Speaking - HONORS	(5)
<hr/>					
ENGLISH 3	Intro to Lit	(4)	EWRT 1C	Literature and Composition	(5)
				OR	
d) UWRITING 1	Expository Writing	(4)	EWRT 1A	Composition and Reading	(5)
				OR	
			EWRT 1AH	Composition and Reading - HONORS	(5)
				OR	
			EWRT 1B	Reading, Writing and Research	(5)
				OR	
			EWRT 1BH	Reading, Writing and Research - HONORS	(5)
				OR	
UWRITING 48	Style in the Essay	(4)	NO COMPARABLE COURSE		
	Formerly UWRITING 18				
				OR	
UWRITING 49	Writing Research Papers	(4)	EWRT 1B	Reading, Writing and Research	(5)
	Formerly UWRITING 19				
				OR	
			EWRT 2	Critical Reading, Writing and Thinking	(5)
				OR	
			EWRT 2H	Critical Reading, Writing and Thinking - HONORS	(5)
<hr/>					
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 6C	Evolution and Ecology	(6)
				OR	
			BIOL 6CH	Ecology and Evolution - HONORS	(6)

ONE COURSE FROM THE FOLLOWING:

MATH 16A	Short Calculus	(3)	MATH 1A	Calculus	(5)
			<u>OR</u>		
o) STATIST 13	Elementary Statistics Same as: STATIST 13Y	(4)	MATH 1AH	Calculus - HONORS	(5)
			MATH 10	Elementary Statistics and Probability	(5)
			<u>OR</u>		
			MATH 10H	Elementary Statistics and Probability - HONORS	(5)
			<u>OR</u>		
			PSYC 15	Basic Statistics and Research Methods in Social and Behavioral Sciences	(4)
			Same as: SOC 15		
ENG CS 32A	Intro to Programming	(4)	NO COMPARABLE COURSE		
Formerly ENG CS 10					

ONE COURSE FROM THE FOLLOWING:

CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 10	Concept of Chem	(4)	CHEM 10	Introductory Chemistry	(5)
PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
PHYSICS 10	Topics, Nonscientists	(4)	PHYS 10	Concepts of Physics	(5)
r) GEOLOGY 1	The Earth	(4)	GEOL 10	Introductory Geology	(5)
SOILSCI 10	Soils in Our Environment	(3)	NO COMPARABLE COURSE		

LND ARC 1	Intro Environ Design	(4)	NO COMPARABLE COURSE		
LND ARC 2	Place, Culture, Community	(4)	NO COMPARABLE COURSE		
LND ARC 3	Sustainable Development	(4)	NO COMPARABLE COURSE		
LND ARC 21	Landscape Rep I Formerly Design Visualization	(4)	NO COMPARABLE COURSE		
LND ARC 23	Landscape Rep II	(3)	NO COURSE ARTICULATED		
LND ARC 30	History Environ Design	(4)	NO COMPARABLE COURSE		
LND ARC 50	Site Ecology	(4)	NO COMPARABLE COURSE		
LND ARC 60	Landform Grading Studio	(6)	NO COMPARABLE COURSE		
LND ARC 70	Intro to Spacemaking	(4)	NO COMPARABLE COURSE		

Two courses in Arts and Humanities selected from the UC Davis GE/Breadth Articulation Agreement TB: Arts and Humanities (www.ASSIST.org 16-17 agreement)

Two courses in Social Sciences selected from the UC Davis GE/Breadth Articulation Agreement TB: Social Sciences.

END OF MAJOR

- d) If a student takes EWRT 1B at DeAnza College, credit will be given for UC Davis's UWP 1 or 19, not both.
- o) Students who complete PSYC 15 or SOC 15 at DeAnza College will receive credit at UC Davis for PSYCH 41 or STATIST 13 or SOCIO 46A, not more than one course.
- r) If a student takes GEOL 10 at De Anza 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.

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

LINGUIS 1	Intro Linguistics	(4)	LING 1	Introduction to Linguistics	(4)

FOREIGN LANGUAGE: One course beyond the 15 quarter unit requirement of the College of Letters and Science, in the same language used to fulfill the college requirement

END OF MAJOR

====Managerial Economics B.S.====

Special Advising Note:

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

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

Special Advising Note for Future Applicants*

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

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

Strive to achieve your highest possible GPA in order to be most competitive. Transfer students must complete courses comparable to the following UC Davis courses with a GPA of at least 2.50 for the course groups. Additionally, transfer applicants must have already achieved the required GPA in any of these courses that have been completed at the time the transfer academic update is submitted. Courses must be taken for a letter grade, with no grade less than C. (Advanced Placement(AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents).

- Mathematics 16A/B or Mathematics 17A/B or Mathematics 21A/B
- Economics 1A/B
- Statistics 13

*Information for future applicants is subject to change.

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

COMUNCN 1	Intro Public Spkg	(4)	COMM 1	Public Speaking	(5)
				OR	
			COMM 1H	Public Speaking - HONORS	(5)
	OR			OR	
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	COMM 16	Interpersonal Communication	(5)
				OR	
			COMM 16H	Interpersonal Communication - HONORS	(5)
<hr/>					
AGRESEC 18	Business Law	(4)	NO COMPARABLE COURSE		
<hr/>					
ECON 1A	Princ of Microecon	(4)	ECON 2	Principles of Microeconomics	(4)
				OR	
			ECON 2H	Principles of Microeconomics - HONORS	(4)
ECON 1B	Princ of Macroecon	(4)	ECON 1	Principles of Macroeconomics	(4)
				OR	
			ECON 1H	Principles of Macroeconomics - HONORS	(4)

PL SCI 21	Computers in Technology	(3)	NO COMPARABLE COURSE
	OR		OR
B) ENG CS 15	Intro to Computers	(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.

MGMT 11A	Elem Accounting	(4)	ACCT 1A	Financial Accounting I	(5)
MGMT 11B	Elem Accounting	(4)	ACCT 1B & ACCT 1C	Financial Accounting II Managerial Accounting	(5) (5)
MATH 16A	Short Calculus	(3)	MATH 1A	Calculus	(5)
			OR		
			MATH 1AH	Calculus - HONORS	(5)
MATH 16B	Short Calculus	(3)	MATH 1B	Calculus	(5)
			OR		
			MATH 1BH	Calculus - HONORS	(5)
MATH 16C	Short Calculus	(3)	MATH 1C	Calculus	(5)
			OR		
			MATH 1CH	Calculus - HONORS	(5)
	OR		OR		
MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
	OR		OR		
MATH 21A	Calculus	(4)	MATH 1A	Calculus	(5)
			OR		
			MATH 1AH	Calculus - HONORS	(5)
MATH 21B	Calculus	(4)	MATH 1B	Calculus	(5)
			OR		
			MATH 1BH	Calculus - HONORS	(5)
o) STATIST 13	Elementary Statistics	(4)	MATH 10	Elementary Statistics and Probability	(5)
Same as: STATIST 13Y			OR		
			MATH 10H	Elementary Statistics and Probability - HONORS	(5)
			OR		
			PSYC 15	Basic Statistics and Research Methods in Social and Behavioral Sciences	(4)
			Same as: SOC 15		

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.**
- o) Students who complete PSYC 15 or SOC 15 at DeAnza College will receive credit at UC Davis for PSYCH 41 or STATIST 13 or SOCIOL 46A, not more than one course.

====Marine and Coastal Science B.S. (Coastal Environmental Processes)====
Special Advising Note:

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

Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

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

Students must identify an area of focus in order to select the appropriate major/college pairing on the UC application for undergraduate admission and scholarships. A student's chosen focus area will determine the college into which the student is admitted, the college where the degree is awarded, and the associated department:

-Coastal Environmental Processes (College of Agricultural and Environmental Sciences; Environmental Science and Policy)

-Marine Ecology and Organismal Biology (College of Biological Sciences; Evolution and Ecology)

-Marine Environmental Chemistry (College of Agricultural and Environmental Sciences; Environmental Toxicology)

-Oceans and the Earth System (College of Letters and Science; Earth and Planetary Sciences)

Visit <http://bml.ucdavis.edu/education/marine-coastal-science-undergraduate-major/> for details regarding the marine and coastal science undergraduate major.

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

Advanced Placement (AP) English examination PLUS completing any previously listed course, EXCEPT English 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

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

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

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

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

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

BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 6B	Cell and Molecular Biology	(6)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 6C	Evolution and Ecology	(6)
			<u>OR</u>		
			BIOL 6CH	Ecology and Evolution - HONORS	(6)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 6A	Form and Function in the Biological World	(6)
			<u>OR</u>		
			BIOL 6AH	Form and Function in the Biological World - HONORS	(6)

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

MATH 16A	Short Calculus	(3)	MATH 1A	Calculus	(5)
			<u>OR</u>		
			MATH 1AH	Calculus - HONORS	(5)
MATH 16B	Short Calculus	(3)	MATH 1B	Calculus	(5)
			<u>OR</u>		
			MATH 1BH	Calculus - HONORS	(5)
MATH 16C	Short Calculus	(3)	MATH 1C	Calculus	(5)
			<u>OR</u>		
			MATH 1CH	Calculus - HONORS	(5)
	<u>OR</u>		<u>OR</u>		
MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
	<u>OR</u>		<u>OR</u>		
MATH 21A	Calculus	(4)	MATH 1A	Calculus	(5)
			<u>OR</u>		

MATH 21B	Calculus	(4)	MATH 1AH	Calculus - HONORS	(5)
			MATH 1B	Calculus	(5)
MATH 21C	Calculus	(4)	<u>OR</u>		
			MATH 1BH	Calculus - HONORS	(5)
			MATH 1C	Calculus	(5)
			<u>OR</u>		
			MATH 1CH	Calculus - HONORS	(5)
PHYSICS 7A	General Physics	(4)	PHYS 2B &	General Introductory Physics	(5)
			PHYS 2C	General Introductory Physics	(5)
PHYSICS 7B	General Physics	(4)	PHYS 2B &	General Introductory Physics	(5)
			PHYS 2C	General Introductory Physics	(5)
PHYSICS 7C	General Physics	(4)	PHYS 2B &	General Introductory Physics	(5)
			PHYS 2C	General Introductory Physics	(5)

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

PHYSICS 9A	Classical Physics	(5)	<u>OR</u>		
			PHYS 4A	Physics for Scientists and Engineers: Mechanics	(6)
PHYSICS 9B	Classical Physics	(5)	PHYS 4C	Physics for Scientists and Engineers: Fluids, Waves, Optics and Thermodynamics	(6)
			PHYS 4B	Physics for Scientists and Engineers: Electricity and Magnetism	(6)

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)	GEOL 20	General Oceanography	(4)

END OF MAJOR

===Marine and Coastal Science B.S. (Marine Ecology and Organismal Biology)=== Special Advising Note:

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

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for

the major helps students move efficiently toward graduation and significantly reduces time to degree.

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

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

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

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

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

Students must identify an area of focus in order to select the appropriate major/college pairing on the UC application for undergraduate admission and scholarships. A student's chosen focus area will determine the college into which the student is admitted, the college where the degree is awarded, and the associated department:

- Coastal Environmental Processes (College of Agricultural and Environmental Sciences; Environmental Science and Policy)
- Marine Ecology and Organismal Biology (College of Biological Sciences; Evolution and Ecology)
- Marine Environmental Chemistry (College of Agricultural and Environmental Sciences; Environmental Toxicology)
- Oceans and the Earth System (College of Letters and Science; Earth and Planetary Sciences)

Visit <http://bml.ucdavis.edu/education/marine-coastal-science-undergraduate-major/> for details regarding the marine and coastal science undergraduate major.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit

<http://tag.ucdavis.edu> for details regarding UC Davis TAG.

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

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

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 6B	Cell and Molecular Biology	(6)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 6C	Evolution and Ecology	(6)
			<u>OR</u>		
			BIOL 6CH	Ecology and Evolution - HONORS	(6)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 6A	Form and Function in the Biological World	(6)
			<u>OR</u>		
			BIOL 6AH	Form and Function in the Biological World - HONORS	(6)
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CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1C	General Chemistry and Qualitative Analysis	(5)
	AND		AND		
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
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MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
	OR		OR		
MATH 21A	Calculus	(4)	MATH 1A	Calculus	(5)
			<u>OR</u>		
			MATH 1AH	Calculus - HONORS	(5)
MATH 21B	Calculus	(4)	MATH 1B	Calculus	(5)
			<u>OR</u>		
			MATH 1BH	Calculus - HONORS	(5)
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PHYSICS 7A	General Physics	(4)	PHYS 2B <u>&</u>	General Introductory Physics	(5)
			PHYS 2C	General Introductory Physics	(5)
PHYSICS 7B	General Physics	(4)	PHYS 2B <u>&</u>	General Introductory Physics	(5)
			PHYS 2C	General Introductory Physics	(5)

PHYSICS 7C	General Physics	(4)		PHYS 2B &	General Introductory Physics	(5)
				PHYS 2C	General Introductory Physics	(5)

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

	OR				OR	
PHYSICS 9A	Classical Physics	(5)		PHYS 4A	Physics for Scientists and Engineers: Mechanics	(6)
PHYSICS 9B	Classical Physics	(5)		PHYS 4C	Physics for Scientists and Engineers: Fluids, Waves, Optics and Thermodynamics	(6)
PHYSICS 9C	Classical Physics	(5)		PHYS 4B	Physics for Scientists and Engineers: Electricity and Magnetism	(6)

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)		GEOL 20	General Oceanography	(4)
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END OF MAJOR

**===Marine and Coastal Science B.S. (Marine Environmental Chemistry)===
Special Advising Note:**

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

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

Students must identify an area of focus in order to select the appropriate major/college pairing on the UC application for undergraduate admission and scholarships. A student's chosen focus area will determine the college into which the student is admitted, the college where the degree is awarded, and the associated department:

- Coastal Environmental Processes (College of Agricultural and Environmental Sciences; Environmental Science and Policy)
- Marine Ecology and Organismal Biology (College of Biological Sciences; Evolution and Ecology)
- Marine Environmental Chemistry (College of Agricultural and Environmental Sciences; Environmental Toxicology)
- Oceans and the Earth System (College of Letters and Science; Earth and

Planetary Sciences)

Visit <http://bml.ucdavis.edu/education/marine-coastal-science-undergraduate-major/> for details regarding the marine and coastal science undergraduate major.

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 6B	Cell and Molecular Biology	(6)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 6C	Evolution and Ecology	(6)
			<u>OR</u>		
			BIOL 6CH	Ecology and Evolution - HONORS	(6)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 6A	Form and Function in the Biological World	(6)
			<u>OR</u>		
			BIOL 6AH	Form and Function in the Biological World - HONORS	(6)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1C	General Chemistry and Qualitative Analysis	(5)
MATH 16A	Short Calculus	(3)	MATH 1A	Calculus	(5)
			<u>OR</u>		
			MATH 1AH	Calculus - HONORS	(5)
MATH 16B	Short Calculus	(3)	MATH 1B	Calculus	(5)
			<u>OR</u>		
			MATH 1BH	Calculus - HONORS	(5)
MATH 16C	Short Calculus	(3)	MATH 1C	Calculus	(5)
			<u>OR</u>		
			MATH 1CH	Calculus - HONORS	(5)
	<u>OR</u>		<u>OR</u>		
MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
	<u>OR</u>		<u>OR</u>		
MATH 21A	Calculus	(4)	MATH 1A	Calculus	(5)
			<u>OR</u>		
			MATH 1AH	Calculus - HONORS	(5)
MATH 21B	Calculus	(4)	MATH 1B	Calculus	(5)
			<u>OR</u>		
			MATH 1BH	Calculus - HONORS	(5)
MATH 21C	Calculus	(4)	MATH 1C	Calculus	(5)
			<u>OR</u>		
			MATH 1CH	Calculus - HONORS	(5)
PHYSICS 7A	General Physics	(4)	PHYS 2B &	General Introductory Physics	(5)
			PHYS 2C	General Introductory Physics	(5)
PHYSICS 7B	General Physics	(4)	PHYS 2B &	General Introductory Physics	(5)
			PHYS 2C	General Introductory Physics	(5)
PHYSICS 7C	General Physics	(4)	PHYS 2B &	General Introductory Physics	(5)
			PHYS 2C	General Introductory Physics	(5)

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

Davis, and will need to meet with a UC Davis advisor before continuing with physics.

OR			OR		
PHYSICS 9A	Classical Physics	(5)	PHYS 4A	Physics for Scientists and Engineers: Mechanics	(6)
PHYSICS 9B	Classical Physics	(5)	PHYS 4C	Physics for Scientists and Engineers: Fluids, Waves, Optics and Thermodynamics	(6)
PHYSICS 9C	Classical Physics	(5)	PHYS 4B	Physics for Scientists and Engineers: Electricity and Magnetism	(6)

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)	GEOL 20	General Oceanography	(4)

END OF MAJOR

**===Marine and Coastal Science B.S. (Oceans and the Earth System)===
Special Advising Note:**

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

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

Students must identify an area of focus in order to select the appropriate major/college pairing on the UC application for undergraduate admission and scholarships. A student's chosen focus area will determine the college into which the student is admitted, the college where the degree is awarded, and the associated department:

- Coastal Environmental Processes (College of Agricultural and Environmental Sciences; Environmental Science and Policy)
- Marine Ecology and Organismal Biology (College of Biological Sciences; Evolution and Ecology)
- Marine Environmental Chemistry (College of Agricultural and Environmental Sciences; Environmental Toxicology)
- Oceans and the Earth System (College of Letters and Science; Earth and Planetary Sciences)

Visit <http://bml.ucdavis.edu/education/marine-coastal-science-undergraduate-major/> for details regarding the marine and coastal science undergraduate major.

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

AP and IB examination credit policies 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 6B	Cell and Molecular Biology	(6)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 6C	Evolution and Ecology	(6)
			<u>OR</u>		
			BIOL 6CH	Ecology and Evolution - HONORS	(6)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 6A	Form and Function in the Biological World	(6)
			<u>OR</u>		
			BIOL 6AH	Form and Function in the Biological World - HONORS	(6)
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CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1C	General Chemistry and Qualitative Analysis	(5)
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MATH 16A	Short Calculus	(3)	MATH 1A	Calculus	(5)
			<u>OR</u>		
			MATH 1AH	Calculus - HONORS	(5)
MATH 16B	Short Calculus	(3)	MATH 1B	Calculus	(5)
			<u>OR</u>		
			MATH 1BH	Calculus - HONORS	(5)
MATH 16C	Short Calculus	(3)	MATH 1C	Calculus	(5)
			<u>OR</u>		
			MATH 1CH	Calculus - HONORS	(5)
	<u>OR</u>		<u>OR</u>		
MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
	<u>OR</u>		<u>OR</u>		
MATH 21A	Calculus	(4)	MATH 1A	Calculus	(5)
			<u>OR</u>		
			MATH 1AH	Calculus - HONORS	(5)
MATH 21B	Calculus	(4)	MATH 1B	Calculus	(5)
			<u>OR</u>		
			MATH 1BH	Calculus - HONORS	(5)
MATH 21C	Calculus	(4)	MATH 1C	Calculus	(5)
			<u>OR</u>		
			MATH 1CH	Calculus - HONORS	(5)

PHYSICS 7A	General Physics	(4)	PHYS 2B &	General Introductory Physics	(5)
			PHYS 2C	General Introductory Physics	(5)
PHYSICS 7B	General Physics	(4)	PHYS 2B &	General Introductory Physics	(5)
			PHYS 2C	General Introductory Physics	(5)
PHYSICS 7C	General Physics	(4)	PHYS 2B &	General Introductory Physics	(5)
			PHYS 2C	General Introductory Physics	(5)

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

	OR			OR	
PHYSICS 9A	Classical Physics	(5)	PHYS 4A	Physics for Scientists and Engineers: Mechanics	(6)
PHYSICS 9B	Classical Physics	(5)	PHYS 4C	Physics for Scientists and Engineers: Fluids, Waves, Optics and Thermodynamics	(6)
PHYSICS 9C	Classical Physics	(5)	PHYS 4B	Physics for Scientists and Engineers: Electricity and Magnetism	(6)

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)	GEOL 20	General Oceanography	(4)

END OF MAJOR

===Materials Science & Engineering B.S.===

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

<http://engineering.ucdavis.edu/transfer-credit-agreements/>

Special Advising Note:

All majors in the College of Engineering are selective and require preparatory coursework for admission. Transfer applicants must earn an overall transfer GPA of 3.10 or higher to be competitive candidates for admission to any engineering major. Strive to achieve your highest possible GPA in order to be most competitive. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents.

Transfer applicants must also complete all lower-division courses required for their specific engineering major as listed below under courses "Required for Admission" with a cumulative GPA of 3.20 or higher for those courses completed at the time of application and through the transfer academic update filing period. Before submitting a UC application, students must have already achieved a cumulative GPA of 3.20 or higher in required lower-division major coursework completed. If one course from the group is completed at the time the application is submitted, the grade for that one course must be B+ or better. If two or more courses from the group are completed at the time the application is submitted, the GPA for those courses combined must be a 3.20 or higher.

Any required courses that are offered at your current college must be completed by the close of spring term for fall enrollment at UC Davis. If required courses are not offered at your California Community College (i.e. those identified on ASSIST as NO COMPARABLE COURSE or NO COURSE ARTICULATED), you must complete them after enrolling at UC Davis.

In addition to completing preparatory courses for the major, students must also meet UC transfer admission requirements by the close of spring term for fall enrollment at UC Davis. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment. See the UC Davis [transfer admission website](#) for details.

IGETC: Transfer students should place highest priority on completing all requirements for their chosen engineering major. By completing the Intersegmental General Education Transfer Curriculum (IGETC) however, the General Education (GE) requirement at UC Davis will be totally satisfied for all UC Davis GE requirements that may be met with lower-division courses. Completing IGETC is not required, nor does it improve the likelihood you will be admitted. See additional GE information below.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit our website for details regarding [UC Davis TAG](#).

General Education (GE) Note:

For information concerning satisfaction of UC Davis GE requirements, please go to the For General Education/Breadth section of ASSIST and select any GE area from the pull-down menu or view the "General Education" section of the 2018-19 [UC Davis General Catalog](#) online.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-2019 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

When there are more applicants than spaces available in the College of

MATH 21B	Calculus	(4)	MATH 1AH	Calculus - HONORS	(5)
			MATH 1B	Calculus	(5)
			OR		
MATH 21C	Calculus	(4)	MATH 1BH	Calculus - HONORS	(5)
			MATH 1C	Calculus	(5)
			OR		
	OR		MATH 1CH	Calculus - HONORS	(5)
MATH 17A	Calculus for BioSci	(4)	OR		
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		

MATH 21D	Vector Analysis	(4)	MATH 1D	Calculus	(5)
			OR		
MATH 22B	Differntl Equations	(3)	MATH 1DH	Calculus - HONORS	(5)
MATH 22AL	Lin Alg Comp Lab	(1)	MATH 2A	Differential Equations	(5)
			NO COMPARABLE COURSE		

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 2B	Linear Algebra	(5)
	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 COMPARABLE COURSE
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ENG CS 32A	Intro to Programming(4)	NO COMPARABLE COURSE
	Formerly ENG CS 10	

ENGIN 6	Engr Prob Solving	(4)	NO COMPARABLE COURSE
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END OF MAJOR

====Mathematical Analytics and Operations Research B.S.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UCtransfer admission requirements. For details see the UC Davis [transfer admission website](http://ucdavis.edu/transfer). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for

students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

Recommended Language Preparation Note:

Bachelor of Science degree candidates are advised, but not required, to satisfy the same language requirement as that for a Bachelor of Arts degree candidate, and to fulfill it in French, German or Russian. View the [UC Davis General Catalog](#) for additional information about the Foreign Language and Area Requirements, College of Letters and Science.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

MATH 21A	Calculus	(4)	MATH 1A	Calculus	(5)
			<u>OR</u>		
			MATH 1AH	Calculus - HONORS	(5)
MATH 21B	Calculus	(4)	MATH 1B	Calculus	(5)
			<u>OR</u>		
			MATH 1BH	Calculus - HONORS	(5)
MATH 21C	Calculus	(4)	MATH 1C	Calculus	(5)
			<u>OR</u>		
			MATH 1CH	Calculus - HONORS	(5)
MATH 21D	Vector Analysis	(4)	MATH 1D	Calculus	(5)
			<u>OR</u>		
			MATH 1DH	Calculus - HONORS	(5)
MATH 22B	Differntl Equations	(3)	MATH 2A	Differential Equations	(5)
MATH 22AL	Lin Alg Comp Lab	(1)	NO COMPARABLE COURSE		

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 2B	Linear Algebra	(5)
	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 COMPARABLE COURSE		
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ENG CS 32A	Intro to Programming	(4)	NO COMPARABLE COURSE		
	Formerly ENG CS 10				

OR

ENGIN 6	Engr Prob Solving	(4)	NO COMPARABLE COURSE		
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ECON 1A	Princ of Microecon	(4)	ECON 2	Principles of Microeconomics	(4)
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OR

			ECON 2H	Principles of Microeconomics - HONORS	(4)
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ECON 1B	Princ of Macroecon	(4)	ECON 1	Principles of Macroeconomics	(4)
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OR

ECON 1H	Principles of	(4)
	Macroeconomics - HONORS	

STATIST 32 Gateway to Data Science (4) | NO COMPARABLE COURSE

END OF MAJOR

====Mathematics A.B.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Special Advising Note for future applicants:*

Beginning fall 2020, the major mathematics will become selective and will require preparatory coursework for admission. Any required courses that are offered at your current campus will need to be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses will not be offered at your college, you must complete them after enrolling at UC Davis.

Transfer students must earn an overall GPA of 2.80 or higher to be competitive candidates for admission to this major (3.20 or higher for TAG applicants).

Strive to achieve your highest possible GPA in order to be most competitive. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 3.00 for the selective major course group. It is recommended that candidates have a cumulative GPA of at least 3.00 for the group of courses below that have been completed at the time of application and through the transfer academic update filing period. Whether planning for the general application or TAG process, courses must be taken for a letter grade, with no grade less than C. (Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC course equivalents).

- Mathematics 21A/B/C/D
- Mathematics 22A or Mathematics 67
- Mathematics 22B

*Information for future applicants is subject to change

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to

complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

MATH 21A	Calculus	(4)	MATH 1A	Calculus	(5)
			<u>OR</u>		
			MATH 1AH	Calculus - HONORS	(5)
MATH 21B	Calculus	(4)	MATH 1B	Calculus	(5)
			<u>OR</u>		
			MATH 1BH	Calculus - HONORS	(5)
MATH 21C	Calculus	(4)	MATH 1C	Calculus	(5)
			<u>OR</u>		
			MATH 1CH	Calculus - HONORS	(5)
MATH 21D	Vector Analysis	(4)	MATH 1D	Calculus	(5)
			<u>OR</u>		
			MATH 1DH	Calculus - HONORS	(5)
MATH 22B	Differntl Equations	(3)	MATH 2A	Differential Equations	(5)
MATH 22AL	Lin Alg Comp Lab	(1)	NO COMPARABLE COURSE		
	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 2B	Linear Algebra	(5)
	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 COMPARABLE COURSE		
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ENG CS 32A	Intro to Programming	(4)	NO COMPARABLE COURSE		
	Formerly ENG CS 10				
	OR			OR	
ENGIN 6	Engr Prob Solving	(4)	NO COMPARABLE COURSE		

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.

END OF MAJOR

====Mathematics B.S.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Special Advising Note for future applicants:*

Beginning fall 2020, the major mathematics will become selective and will require preparatory coursework for admission. Any required courses that are offered at your current campus will need to be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses will not be offered at your college, you must complete them after enrolling at UC Davis.

Transfer students must earn an overall GPA of 2.80 or higher to be competitive candidates for admission to this major (3.20 or higher for TAG applicants).

Strive to achieve your highest possible GPA in order to be most competitive. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 3.00 for the selective major course group. It is recommended that candidates have a cumulative GPA of at least 3.00 for the group of courses below that have been completed at the time of application and through the transfer academic update filing period. Whether planning for the general application or TAG process, courses must be taken for a letter grade, with no grade less than C. (Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC course equivalents).

- Mathematics 21A/B/C/D
- Mathematics 22A or Mathematics 67
- Mathematics 22B

*Information for future applicants is subject to change

Transfer Admission Guarantee (TAG) Note:

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Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

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academic advisor to understand how to complete all of the GE components.

Recommended Language Preparation Note:

Bachelor of Science degree candidates are advised, but not required, to satisfy the same language requirement as that for a Bachelor of Arts degree candidate, and to fulfill it in French, German or Russian. View the [UC Davis General Catalog](#) for additional information about the Foreign Language and Area Requirements, College of Letters and Science.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

MATH 21A	Calculus	(4)	MATH 1A	Calculus	(5)
			OR		
			MATH 1AH	Calculus - HONORS	(5)
MATH 21B	Calculus	(4)	MATH 1B	Calculus	(5)
			OR		
			MATH 1BH	Calculus - HONORS	(5)
MATH 21C	Calculus	(4)	MATH 1C	Calculus	(5)
			OR		
			MATH 1CH	Calculus - HONORS	(5)
MATH 21D	Vector Analysis	(4)	MATH 1D	Calculus	(5)
			OR		
			MATH 1DH	Calculus - HONORS	(5)
MATH 22B	Differntl Equations	(3)	MATH 2A	Differential Equations	(5)
MATH 22AL	Lin Alg Comp Lab	(1)	NO COMPARABLE COURSE		

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 2B	Linear Algebra	(5)
	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 COMPARABLE COURSE		
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ENG CS 32A	Intro to Programming	(4)	NO COMPARABLE COURSE		
	Formerly ENG CS 10				

	OR			OR	
ENGIN 6	Engr Prob Solving	(4)	NO COMPARABLE COURSE		

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

PHYSICS 9A	Classical Physics	(5)	PHYS 4A	Physics for Scientists and Engineers: Mechanics	(6)
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PLAN 2: MATHEMATICS FOR SECONDARY TEACHING

PHYSICS 7A	General Physics	(4)	PHYS 2B &	General Introductory Physics	(5)
			PHYS 2C	General Introductory	(5)

			Physics		
			OR		
PHYSICS 9A	Classical Physics	(5)	PHYS 4A	Physics for Scientists and Engineers: Mechanics	(6)
			OR		
o) STATIST 13	Elementary Statistics	(4)	MATH 10	Elementary Statistics and Probability	(5)
Same as: STATIST 13Y					
			OR		
			MATH 10H	Elementary Statistics and Probability - HONORS	(5)
			OR		
			PSYC 15	Basic Statistics and Research Methods in Social and Behavioral Sciences	(4)
			Same as: SOC 15		
			OR		
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		

END OF MAJOR

o) Students who complete PSYC 15 or SOC 15 at DeAnza College will receive credit at UC Davis for PSYCH 41 or STATIST 13 or SOCIOL 46A, not more than one course.

====Mechanical Engineering B.S.====

Special Advising Note:

ARTICULATION FOR THIS MAJOR IS UNDER REVIEW. You may view the previous year's agreement, but be advised that articulation is subject to change from year to year.

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

College of Engineering applicants to fall 2019 should view the majors guide effective for the 2017-18 academic year. (Go to ASSIST.org and click on the red notice that appears at the top of the page after you enter a college or university). Admission selection for fall 2019 will be based upon ALL courses published as REQUIRED FOR ADMISSION on the 2017-18 majors guide for the major. You may also view this information as published in the College of Engineering Transfer Credit Agreement at <http://engineering.ucdavis.edu/transfer-credit-agreements/>

Special Advising Note:

All majors in the College of Engineering are selective and require preparatory coursework for admission. Transfer applicants must earn an overall transfer GPA of 3.10 or higher to be competitive candidates for admission to any engineering major. Strive to achieve your highest possible GPA in order to be most competitive. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents.

Transfer applicants must also complete all lower-division courses required for their specific engineering major as listed below under courses "Required for Admission" with a cumulative GPA of 3.20 or higher for those courses completed at the time of application and through the transfer academic update filing period. Before submitting a UC application, students must have already achieved

a cumulative GPA of 3.20 or higher in required lower-division major coursework completed. If one course from the group is completed at the time the application is submitted, the grade for that one course must be B+ or better. If two or more courses from the group are completed at the time the application is submitted, the GPA for those courses combined must be a 3.20 or higher.

Any required courses that are offered at your current college must be completed by the close of spring term for fall enrollment at UC Davis. If required courses are not offered at your California Community College (i.e. those identified on ASSIST as NO COMPARABLE COURSE or NO COURSE ARTICULATED), you must complete them after enrolling at UC Davis.

In addition to completing preparatory courses for the major, students must also meet UC transfer admission requirements by the close of spring term for fall enrollment at UC Davis. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment. See the UC Davis [transfer admission website](#) for details.

IGETC: Transfer students should place highest priority on completing all requirements for their chosen engineering major. By completing the Intersegmental General Education Transfer Curriculum(IGETC)however, the General Education (GE) requirement at UC Davis will be totally satisfied for all UC Davis GE requirements that may be met with lower-division courses. Completing IGETC is not required, nor does it improve the likelihood you will be admitted. See additional GE information below.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit our website for details regarding [UC Davis TAG](#).

General Education (GE) Note:

For information concerning satisfaction of UC Davis GE requirements, please go to the For General Education/Breadth section of ASSIST and select any GE area from the pull-down menu or view the "General Education" section of the 2018-19 [UC Davis General Catalog](#) online.

Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-2019 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

When there are more applicants than spaces available in the College of Engineering, priority is given to California community college transfers who have an overall UC transferable GPA of 3.10 or higher and who have completed all lower-division engineering major requirements available at the student's community college with a minimum GPA of 3.20 in these required courses. Contact your counselor or the UC Davis College of Engineering Undergraduate Office at(530)752-1979, or consult the [College of Engineering website](#) if you have any questions.

END OF MAJOR

====Medieval and Early Modern Studies A.B.====
Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses

as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

MEDV-ST 20A	Medieval Culture	(5)		NO COMPARABLE COURSE
MEDV-ST 20B	Medieval Culture	(5)		NO COMPARABLE COURSE

THREE COURSES FROM THE FOLLOWING:

ARTHI 1B	Mediev&Renaiss Art	(4)		ARTS 2B	History of Art: Europe (4) During the Middle Ages and the Renaissance
ARTHI 1C	Baroque to Modern Art	(4)		ARTS 2C	History of Art: Europe (4) from the Baroque Period through Impressionism
				<u>OR</u>	
				ARTS 2D	History of Art: Europe (4) and the United States from Post-Impressionism to the Present
ARTHI 1E	Islamic Art &	(4)		ARTS 2K	History of Art: Visual (4)

Architecture			Arts of Islam		
			Same as: INTL 23		
			<u>OR</u>		
			INTL 23	History of Art (Visual Arts of Islam)	(4)
			Same as: ARTS 2K		
COMPLIT 2	Major Books-Middle Ages to Enlightenment	(4)	NO COMPARABLE COURSE		
COMPLIT 10A	Master Authors	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
COMPLIT 10B	Master Authors	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
COMPLIT 10C	Master Authors	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
COMPLIT 10D	Master Authors	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
COMPLIT 10E	Master Authors	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ENGLISH 10A	Literatures in English I: To 1700	(4)	ELIT 46A	Major British Writers (Medieval and Renaissance)	(4)
GERMAN 48	Myth & Saga	(4)	NO COMPARABLE COURSE		
HISTORY 4A	Western Civ	(4)	HIST 6A	<u>&</u> History of Western Civilization	(4)
			HIST 6B	History of Western Civilization	(4)
			<u>OR</u>		
			HIST 6AH	History of Western Civilization - HONORS	(4)
HISTORY 4B	Western Civ	(4)	HIST 6B	History of Western Civilization	(4)
			<u>OR</u>		
			HIST 6BH	History of Western Civilization - HONORS	(4)
HUMAN 1	Humanities Forum	(2)	NO COMPARABLE COURSE		
HUMAN 9	Don Quixote	(2)	NO COMPARABLE COURSE		
PHILOS 21	Phil Classics: Ancient	(4)	PHIL 20A	History of Western Philosophy: Ancient Greece	(4)
PHILOS 22	Phil Classics: Modern	(4)	PHIL 20B	History of Western Philosophy: 1400 - 1800	(4)

Language proficiency is a desideratum; courses in Latin and other European languages are strongly recommended, particularly for students planning to pursue graduate studies in the medieval or early modern field.

END OF MAJOR

====Microbiology A.B.====

Special Advising Note:

The following majors in the College of the Biological Sciences--biochemistry and molecular biology; biological sciences; cell biology; evolution, ecology, and biodiversity; genetics and genomics; marine and coastal science (marine ecology & organismal biology); microbiology; neurobiology, physiology, and behavior; and plant biology--are selective and require preparatory coursework for admission. Any required courses that are offered at your current campus must be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses are not offered at your college, you must complete them after enrolling at UC Davis.

Transfer students are strongly advised to complete as many preparatory courses

as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.50 for each of the three course groups. It is recommended that candidates have already achieved the minimum required GPAs for the courses in the groups below that have been completed by the time of application and maintain them through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

Mathematics 17A/B/C or 21A/B

Chemistry 2A/B/C

Biological Sciences 2A/B/C

It is also strongly recommended that transfer students complete courses comparable to the following UC Davis courses. Completion of these courses will help you move more efficiently toward graduation. Courses should be taken for a letter grade, with no grade less than C:

Organic Chemistry series cited on ASSIST for your major*

Physics 7A/B/C or the physics series cited on ASSIST

for your intended College of Biological Sciences major (especially useful for Neurobiology, Physiology and Behavior majors).

* Students planning for the major biochemistry and molecular biology should complete Organic Chemistry 118A/B/C rather than 8A/B. Students planning for the major marine and coastal science (marine ecology & organismal biology) should complete Organic Chemistry 8A/B; however, students may substitute Chemistry 118A/B/C.

Transfer students must also meet UC transfer admission requirements. UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. See the [UC Transfer Admission webpage](#). In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Special Note for Transfer Students Considering an A.B. Degree in this Major:

Applicants to majors in the College of Biological Sciences apply to the major, without reference to A.B. or B.S. degrees, which are chosen after enrollment at UC Davis. All majors currently offered in the College of Biological Sciences are selective for purposes of admission; therefore, in order to be considered for admission in this selective major, transfer students who plan to pursue the A.B. degree **MUST** also complete Chemistry 2C and additional courses in math. At a minimum, for admission students **MUST** complete courses comparable to UC Davis's Biological Sciences 2A/B/C; Mathematics 17A/B/C or 21A/B; and Chemistry 2A/B/C. See the B.S. degree in this major for additional course articulation information.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 6B	Cell and Molecular Biology	(6)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 6C	Evolution and Ecology	(6)
			OR		
			BIOL 6CH	Ecology and Evolution - HONORS	(6)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 6A	Form and Function in the Biological World	(6)
			OR		
			BIOL 6AH	Form and Function in the Biological World - HONORS	(6)
<hr/>					
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
<hr/>					
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
	OR		OR		
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 12A	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 12B	Organic Chemistry	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 12C	Organic Chemistry	(5)
<hr/>					
MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
	OR		OR		
MATH 21A	Calculus	(4)	MATH 1A	Calculus	(5)
			OR		
			MATH 1AH	Calculus - HONORS	(5)
MATH 21B	Calculus	(4)	MATH 1B	Calculus	(5)
			OR		
			MATH 1BH	Calculus - HONORS	(5)

PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
PHYSICS 1B	Principles Physics	(3)	PHYS 2A	General Introductory Physics	(5)
OR			OR		
PHYSICS 7A	General Physics	(4)	PHYS 2B &	General Introductory Physics	(5)
			PHYS 2C	General Introductory Physics	(5)
PHYSICS 7B	General Physics	(4)	PHYS 2B &	General Introductory Physics	(5)
			PHYS 2C	General Introductory Physics	(5)
PHYSICS 7C	General Physics	(4)	PHYS 2B &	General Introductory Physics	(5)
			PHYS 2C	General Introductory Physics	(5)

It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

END OF MAJOR

====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.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG 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 6B	Cell and Molecular Biology	(6)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 6C	Evolution and Ecology	(6)
			<u>OR</u>		
			BIOL 6CH	Ecology and Evolution - HONORS	(6)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 6A	Form and Function in the Biological World	(6)
			<u>OR</u>		
			BIOL 6AH	Form and Function in the Biological World - HONORS	(6)

CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1C	General Chemistry and Qualitative Analysis	(5)

CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE	
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE	
OR			OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 12A	Organic Chemistry (5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 12B	Organic Chemistry (5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 12C	Organic Chemistry (5)
MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE	
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE	
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE	
OR			OR	
MATH 21A	Calculus	(4)	MATH 1A	Calculus (5)
			OR	
			MATH 1AH	Calculus - HONORS (5)
MATH 21B	Calculus	(4)	MATH 1B	Calculus (5)
			OR	
			MATH 1BH	Calculus - HONORS (5)
PHYSICS 7A	General Physics	(4)	PHYS 2B &	General Introductory Physics (5)
			PHYS 2C	General Introductory Physics (5)
PHYSICS 7B	General Physics	(4)	PHYS 2B &	General Introductory Physics (5)
			PHYS 2C	General Introductory Physics (5)
PHYSICS 7C	General Physics	(4)	PHYS 2B &	General Introductory Physics (5)
			PHYS 2C	General Introductory Physics (5)

It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

RECOMMENDED:				
MATH 21C	Calculus	(4)	MATH 1C	Calculus (5)
			OR	
			MATH 1CH	Calculus - HONORS (5)

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.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

HISTORY 6	Intro to Middle East	(4)	NO COMPARABLE COURSE
HISTORY 8	Indian Civilization	(4)	NO COMPARABLE COURSE

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 COURSE ARTICULATED: College has not submitted course(s)for articulation
HEBREW 2	Elem Hebrew	(5)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
HEBREW 3	Elem Hebrew	(5)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
HEBREW 21	Intermed Modern Hebrew I	(4)	NO COMPARABLE COURSE
HEBREW 22	Intermed Modern Hebrew II	(4)	NO COMPARABLE COURSE
HEBREW 23	Intermed Modern Hebrew III	(4)	NO COURSE ARTICULATED
OR			OR

HIN-URD 1	Elem Hindi/Urdu I	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HIN-URD 2	Elem Hindi/Urdu II	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HIN-URD 3	Elem Hindi/Urdu III	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HIN-URD 21	Intermed Hindi/Urdu I	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HIN-URD 22	Intermed Hindi/Urdu II	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HIN-URD 23	Intermed Hindi/Urdu III	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

OTHER MIDDLE EAST/SOUTH ASIA STUDIES REGIONAL LANGUAGES ACCEPTED WITH PETITION.

ADDITIONAL ELECTIVES:

ARTHI 1E	Islamic Art & Architecture	(4)	ARTS 2K History of Art: Visual Arts of Islam (4) Same as: INTL 23 <u>OR</u> INTL 23 History of Art (Visual Arts of Islam) (4) Same as: ARTS 2K
CLASSIC 1	N East/Early Gr	(4)	NO COMPARABLE COURSE
COMPLIT 53B	Lit of South Asia	(4)	NO COMPARABLE COURSE
COMPLIT 53C	Lit of the Islamic World	(4)	NO COMPARABLE COURSE
REL STD 21	The Bible	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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 COMPARABLE COURSE
REL STD 68	Hinduism	(4)	NO COMPARABLE COURSE

Or additional lower-division courses in a Middle Eastern or South Asian language

END OF MAJOR

====Music A.B.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Diagnostic Examination Note:

Students completing the program of courses below achieve a fundamental grounding in music theory, music history, and performance. Upon admission to UC Davis, students will demonstrate required proficiency through a diagnostic exam as part of their initial academic planning and advisement. Students will be scheduled for specific courses appropriate to their proficiency level.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

MUSIC 2A	Keyboard Competence	(2)	MUSI 3A	Comprehensive Musicianship (First Quarter)	(4)
MUSIC 2B	Keyboard Competence	(2)	MUSI 3B	Comprehensive Musicianship (Second Quarter)	(4)
MUSIC 2C	Keyboard Competence	(2)	MUSI 3C	Comprehensive Musicianship (Third Quarter)	(4)

STUDENTS MAY PASS OUT OF ONE OR MORE QUARTERS OF MUSIC 2A-C THROUGH EXAMINATION

MUSIC 6A	Elementary Theory	(3)	MUSI 3A &	Comprehensive Musicianship (First Quarter)	(4)
MUSIC 6B	Elementary Theory	(3)	MUSI 5A	Modal Counterpoint	(3)
			MUSI 3B &	Comprehensive Musicianship (Second Quarter)	(4)
MUSIC 6C	Elementary Theory	(3)	MUSI 5A	Modal Counterpoint	(3)
			MUSI 3C &	Comprehensive Musicianship (Third Quarter)	(4)
			MUSI 5A	Modal Counterpoint	(3)
MUSIC 7A	Intermediate Theory	(3)	MUSI 4A	Comprehensive Musicianship II (First	(4)

MUSIC 7B	Intermediate Theory	(3)	MUSI 4B	Quarter) Comprehensive Musicianship II (Second Quarter)	(4)
MUSIC 7C	Intermediate Theory	(3)	MUSI 4C	Comprehensive Musicianship II (Third Quarter)	(4)
MUSIC 16A	Elem Musicianship	(2)	MUSI 3A	Comprehensive Musicianship (First Quarter)	(4)
MUSIC 16B	Elem Musicianship	(2)	MUSI 3B	Comprehensive Musicianship (Second Quarter)	(4)
MUSIC 16C	Elem Musicianship	(2)	MUSI 3C	Comprehensive Musicianship (Third Quarter)	(4)

STUDENTS MAY PASS OUT OF ONE OR MORE QUARTERS OF MUSIC 16A-C THROUGH EXAMINATION

MUSIC 17A	Intermediate Musicianship	(2)	MUSI 4A	Comprehensive Musicianship II (First Quarter)	(4)
MUSIC 17B	Intermediate Musicianship	(2)	MUSI 4B	Comprehensive Musicianship II (Second Quarter)	(4)
MUSIC 17C	Intermediate Musicianship	(2)	MUSI 4C	Comprehensive Musicianship II (Third Quarter)	(4)

STUDENTS MAY PASS OUT OF ONE OR MORE QUARTERS OF MUSIC 17A-C THROUGH EXAMINATION

MUSIC 24A	Intro Music History	(3)	NO COMPARABLE COURSE		
MUSIC 24B	Intro Music History	(3)	NO COMPARABLE COURSE		
MUSIC 24C	Intro Music History	(3)	NO COMPARABLE COURSE		

END OF MAJOR

====Native American Studies A.B.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](http://ucdavis.edu/transfer-admission). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General

Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

N A STD 1	Intro NA Studies	(4)	ICS 43	Native American History	(4)
N A STD 10	NA Experience	(4)	ICS 41	Native American Contemporary Society	(4)
	OR			OR	
N A STD 12	Native Amer/Indigenous Film	(4)	NO COURSE	ARTICULATED: College has not submitted course(s)for articulation	

ONE OR TWO COURSES FROM:

N A STD 5	Intro NA Literature	(4)	ICS 46	Native American Literatures	(4)
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)	ICS 45	Survey of Native American Arts	(4)
N A STD 34	NA Art Workshop	(4)	NO COMPARABLE COURSE		

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)	ANTH 2	Cultural Anthropology	(4)
			OR		
			ANTH 2H	Cultural Anthropology - HONORS	(4)
ANTHRO 20	Comparative Cultures	(4)	NO COMPARABLE COURSE		
ANTHRO 24	Ancient Crops and People	(4)	NO COMPARABLE COURSE		
A A STD 1	Hist Exp Asian Am	(4)	ICS 20	Asian American Experience Past and Present	(4)
A A STD 2	Contemp Issues of Asian	(4)	NO COMPARABLE COURSE		

A A STD 4	Americans Asian Amer Cultural Studies	(4)	NO COMPARABLE COURSE	
CHICANO 10	Intro to Chic Std	(4)	ICS 30 Introduction to Chicano/a and Latino/a Studies	(4)
CHICANO 21	Hlth Care Issues	(4)	NO COMPARABLE COURSE	
CHICANO 23	Qualitative Research Methods	(4)	NO COMPARABLE COURSE	
COMPLIT 25	Ethnic Writers	(4)	NO COMPARABLE COURSE	
CM&RGDE 2	Ethnicity Amer Comm	(4)	NO COMPARABLE COURSE	
ENV S&P 10	Current Issues in Environment	(3)	E S 1 Introduction to Environmental Studies	(4)
			<u>OR</u>	
			ESCI 19 Environmental Biology	(5)
ENV S&P 10 not open for credit to students who have completed ENV S&P 1				
HISTORY 7A	Latin America to 1700	(4)	HIST 7A Colonial Latin American History Same as: ICS 38A	(4)
			<u>OR</u>	
			ICS 38A Colonial Latin American History Same as: HIST 7A	(4)
HISTORY 7B	Latin America 1700-1900	(4)	HIST 7A Colonial Latin American History Same as: ICS 38A	(4)
			<u>OR</u>	
			ICS 38A & Colonial Latin American History Same as: HIST 7A	(4)
			HIST 7B Modern Latin American History Same as: ICS 38B	(4)
			<u>OR</u>	
			ICS 38B Modern Latin American History Same as: HIST 7B	(4)
HISTORY 7C	Latin America 1900-Present	(4)	HIST 7B Modern Latin American History Same as: ICS 38B	(4)
			<u>OR</u>	
			ICS 38B Modern Latin American History Same as: HIST 7B	(4)
HISTORY 17A	U.S. History	(4)	HIST 17A History of the United States to Early National Era	(4)
			<u>OR</u>	
			HIST 17AH & History of the United States to Early National Era - HONORS	(4)
			HIST 17B History of the United States From 1800 to 1900	(4)
			<u>OR</u>	
			HIST 17BH History of the United States from 1800 to 1900 - HONORS	(4)
LINGUIS 1	Intro Linguistics	(4)	LING 1 Introduction to Linguistics	(4)

END OF MAJOR

====Natural Sciences B.S.====

IMPORTANT ADVISORY FOR FALL 2018 APPLICANTS:

The Natural Sciences major is discontinued for new applicants effective the 2018-19 application cycle.

END OF MAJOR

===Neurobiology, Physiology and Behavior B.S.===

Special Advising Note:

The following majors in the College of the Biological Sciences--biochemistry and molecular biology; biological sciences; cell biology; evolution, ecology, and biodiversity; genetics and genomics; marine and coastal science (marine ecology & organismal biology); microbiology; neurobiology, physiology, and behavior; and plant biology--are selective and require preparatory coursework for admission. Any required courses that are offered at your current campus must be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses are not offered at your college, you must complete them after enrolling at UC Davis.

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.50 for each of the three course groups. It is recommended that candidates have already achieved the minimum required GPAs for the courses in the groups below that have been completed by the time of application and maintain them through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

Mathematics 17A/B/C or 21A/B
Chemistry 2A/B/C
Biological Sciences 2A/B/C

It is also strongly recommended that transfer students complete courses comparable to the following UC Davis courses. Completion of these courses will help you move more efficiently toward graduation. Courses should be taken for a letter grade, with no grade less than C:

Organic Chemistry series cited on ASSIST for your major*
Physics 7A/B/C or the physics series cited on ASSIST
for your intended College of Biological Sciences major (especially useful for Neurobiology, Physiology and Behavior majors).

* Students planning for the major biochemistry and molecular biology should complete Organic Chemistry 118A/B/C rather than 8A/B. Students planning for the major marine and coastal science (marine ecology & organismal biology) should complete Organic Chemistry 8A/B; however, students may substitute Chemistry 118A/B/C.

Transfer students must also meet UC transfer admission requirements. UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. See the [UC Transfer Admission webpage](#). In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 6B	Cell and Molecular Biology	(6)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 6C	Evolution and Ecology	(6)
			OR		
			BIOL 6CH	Ecology and Evolution - HONORS	(6)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 6A	Form and Function in the Biological World	(6)
			OR		
			BIOL 6AH	Form and Function in the Biological World - HONORS	(6)
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CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1C	General Chemistry and Qualitative Analysis	(5)
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CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
	OR		OR		
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 12A	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 12B	Organic Chemistry	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 12C	Organic Chemistry	(5)
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MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
	OR		OR		
MATH 21A	Calculus	(4)	MATH 1A	Calculus	(5)
			OR		
			MATH 1AH	Calculus - HONORS	(5)
MATH 21B	Calculus	(4)	MATH 1B	Calculus	(5)
			OR		
			MATH 1BH	Calculus - HONORS	(5)

PHYSICS 7A	General Physics	(4)	PHYS 2B &	General Introductory Physics	(5)
			PHYS 2C	General Introductory Physics	(5)
PHYSICS 7B	General Physics	(4)	PHYS 2B &	General Introductory Physics	(5)
			PHYS 2C	General Introductory Physics	(5)
PHYSICS 7C	General Physics	(4)	PHYS 2B &	General Introductory Physics	(5)
			PHYS 2C	General Introductory Physics	(5)

It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

END OF MAJOR

====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). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College of Agricultural and Environmental Sciences (A&ES) General Education (GE) English Composition Requirement for the Bachelor's Degree:

The College of A&ES English Composition requirement for the Bachelor's degree is an element of the UC Davis General Education (GE) pattern. This GE requirement may be satisfied by completing either two courses emphasizing written expression OR one course emphasizing written expression and one course emphasizing oral expression, with a grade of C- (or P) or better. The following UC Davis lower-division courses are among those that have been approved to satisfy this requirement: English 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (emphasis in either writing or speaking skills). The English Composition requirement may also be met by achieving a score of 4 or 5 on the Advanced Placement (AP) English examination PLUS completing any previously listed course, EXCEPT English 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC transfer students who have successfully completed the IGETC lower-division coursework are exempt from all GE requirements that may be met with lower-division courses. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer admission. See the [UC Transfer Admission website](#). The courses used for the A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 6B	Cell and Molecular Biology	(6)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 6C	Evolution and Ecology	(6)
			OR		
			BIOL 6CH	Ecology and Evolution - HONORS	(6)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 6A	Form and Function in the Biological World	(6)
			OR		
			BIOL 6AH	Form and Function in the Biological World - HONORS	(6)
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CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1C	General Chemistry and Qualitative Analysis	(5)
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CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
	OR		OR		
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 12A	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 12B	Organic Chemistry	(5)
	OR		OR		

CHEM 128A	Organic Chemistry	(3)	CHEM 12A	Organic Chemistry	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 12B	Organic Chemistry	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 12A	Organic Chemistry	(5)
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NUTR 10	Discoveries and Concepts	(3)	NUTR 10	Contemporary Nutrition	(4)
<hr/>					
o) PSYCH 41	Research Methods	(4)	PSYC 15	Basic Statistics and Research Methods in Social and Behavioral Sciences	(4)
			Same as: SOC 15		
	OR		OR		
o) SOCIOL 46A	Intro Social Rsch	(4)	SOC 15	Basic Statistics and Research Methods in Social and Behavioral Sciences	(4)
			Same as: PSYC 15		

The remaining preparatory subject matter is based on which major option you choose:

NUTRITIONAL BIOLOGY OPTION:

ANTHRO 2	Cultural Anthropology	(5)	ANTH 2	Cultural Anthropology	(4)
			OR		
			ANTH 2H	Cultural Anthropology - HONORS	(4)
	OR		OR		
PSYCH 1	General Psychology	(4)	PSYC 1	General Psychology	(4)
	OR		OR		
SOCIOL 1	Intro Sociology	(5)	SOC 1	Introduction to Sociology	(4)
	OR		OR		
SOCIOL 3	Social Problems	(4)	SOC 20	Social Problems	(4)
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MATH 16A	Short Calculus	(3)	MATH 1A	Calculus	(5)
			OR		
			MATH 1AH	Calculus - HONORS	(5)
MATH 16B	Short Calculus	(3)	MATH 1B	Calculus	(5)
			OR		
			MATH 1BH	Calculus - HONORS	(5)
<hr/>					
PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
PHYSICS 1B	Principles Physics	(3)	PHYS 2A	General Introductory Physics	(5)

NUTRITION IN PUBLIC HEALTH OPTION:

ANTHRO 2	Cultural Anthropology	(5)	ANTH 2	Cultural Anthropology	(4)
			OR		
			ANTH 2H	Cultural Anthropology - HONORS	(4)
	OR		OR		
SOCIOL 1	Intro Sociology	(5)	SOC 1	Introduction to Sociology	(4)
	OR		OR		
SOCIOL 3	Social Problems	(4)	SOC 20	Social Problems	(4)
<hr/>					
ECON 1A	Princ of Microecon	(4)	ECON 2	Principles of Microeconomics	(4)
			OR		
			ECON 2H	Principles of Microeconomics - HONORS	(4)
ECON 1B	Princ of Macroecon	(4)	ECON 1	Principles of Macroeconomics	(4)
			OR		

			ECON 1H	Principles of	(4)
				Macroeconomics - HONORS	
PSYCH 1	General Psychology	(4)	PSYC 1	General Psychology	(4)

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 COMPARABLE COURSE
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

o) Students who complete PSYC 15 or SOC 15 at DeAnza College will receive credit at UC Davis for PSYCH 41 or STATIST 13 or SOCIO 46A, not more than one course.

====Pharmaceutical Chemistry B.S.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is highly recommended that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. See the [UC Transfer Admission website](#) for details. UC Davis requires that students complete the minimum transfer admission requirement by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Special Advising Note for future applicants:*

Beginning fall 2020, the major pharmaceutical chemistry will become selective and will require preparatory coursework for admission. Any required courses that are offered at your current campus will need to be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses will not be offered at your college, you must complete them after enrolling at UC Davis.

Transfer students must earn an overall GPA of 2.80 or higher to be competitive candidates for admission to this major (3.20 or higher for TAG applicants).

Strive to achieve your highest possible GPA in order to be most competitive. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 3.00 for the selective major course group. It is recommended that candidates have a cumulative GPA of at least 3.00 for the group of courses below that have been completed at the time of application and through the transfer academic update filing period. Whether planning for the general

application or TAG process, courses must be taken for a letter grade, with no grade less than C. (Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC course equivalents).

- Chemistry 2A/B/C or Chemistry 2AH/BH/CH
- Chemistry 118 A/B/C or Chemistry 128A/B/C, 129A/B/C
- Mathematics 21A/B/C/D
- Mathematics 16A/B/C or Mathematics 17A/B/C or Mathematics 21A/B/C

We strongly recommend that you complete courses comparable to the following UC Davis courses with C or better grades before matriculating to UC Davis. Completion of these courses will help you move more efficiently toward graduation:

- Physics 7A/B/C or Physics 9A/B/C
- Biological Sciences 2A
- Biological Sciences 2B or 2C
- Statistics 13 or 32

*Information for future applicants is subject to change

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1C	General Chemistry and	(5)
				Qualitative Analysis	
	OR			OR	
CHEM 2AH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
CHEM 2BH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
CHEM 2CH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		

PHYSICS 7A	General Physics	(4)	PHYS 2B <u>&</u>	General Introductory	(5)
				Physics	
			PHYS 2C	General Introductory	(5)
				Physics	
PHYSICS 7B	General Physics	(4)	PHYS 2B <u>&</u>	General Introductory	(5)

			PHYS 2C	Physics General Introductory	(5)
PHYSICS 7C	General Physics	(4)	PHYS 2B &	Physics General Introductory	(5)
			PHYS 2C	Physics General Introductory	(5)

It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

	OR			OR	
PHYSICS 9A	Classical Physics	(5)	PHYS 4A	Physics for Scientists and Engineers: Mechanics	(6)
PHYSICS 9B	Classical Physics	(5)	PHYS 4C	Physics for Scientists and Engineers: Fluids, Waves, Optics and Thermodynamics	(6)
PHYSICS 9C	Classical Physics	(5)	PHYS 4B	Physics for Scientists and Engineers: Electricity and Magnetism	(6)

MATH 16A	Short Calculus	(3)	MATH 1A	Calculus	(5)
			OR		
MATH 16B	Short Calculus	(3)	MATH 1AH	Calculus - HONORS	(5)
			MATH 1B	Calculus	(5)
			OR		
MATH 16C	Short Calculus	(3)	MATH 1BH	Calculus - HONORS	(5)
			MATH 1C	Calculus	(5)
			OR		
	OR		MATH 1CH	Calculus - HONORS	(5)
MATH 17A	Calculus for BioSci	(4)	OR		
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
	OR		NO COMPARABLE COURSE		
MATH 21A	Calculus	(4)	OR		
			MATH 1A	Calculus	(5)
			OR		
MATH 21B	Calculus	(4)	MATH 1AH	Calculus - HONORS	(5)
			MATH 1B	Calculus	(5)
			OR		
MATH 21C	Calculus	(4)	MATH 1BH	Calculus - HONORS	(5)
			MATH 1C	Calculus	(5)
			OR		
			MATH 1CH	Calculus - HONORS	(5)

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 6B	Cell and Molecular Biology	(6)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 6C	Evolution and Ecology	(6)
			OR		
			BIOL 6CH	Ecology and Evolution - HONORS	(6)
	OR		OR		
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 6A	Form and Function in the Biological World	(6)
			OR		
			BIOL 6AH	Form and Function in the Biological World - HONORS	(6)

o) STATIST 13 Elementary Statistics		(4)	MATH 10 Elementary Statistics and Probability	(5)
Same as: STATIST 13Y			<u>OR</u>	
			MATH 10H Elementary Statistics and Probability - HONORS	(5)
			<u>OR</u>	
			PSYC 15 Basic Statistics and Research Methods in Social and Behavioral Sciences	(4)
			Same as: SOC 15	
<u>OR</u>			<u>OR</u>	
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 12A	Organic Chemistry (5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 12B	Organic Chemistry (5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 12C	Organic Chemistry (5)
<u>OR</u>			<u>OR</u>	
CHEM 128A	Organic Chemistry	(3)	CHEM 12A	Organic Chemistry (5)
CHEM 128B	Organic Chemistry	(3)	CHEM 12B	Organic Chemistry (5)
CHEM 128C	Organic Chemistry	(3)	CHEM 12C	Organic Chemistry (5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 12A	Organic Chemistry (5)
CHEM 129B	Organic Chem Lab	(2)	CHEM 12B	Organic Chemistry (5)
CHEM 129C	Organic Chem Lab	(2)	CHEM 12C	Organic Chemistry (5)

END OF MAJOR

- o) Students who complete PSYC 15 or SOC 15 at DeAnza College will receive credit at UC Davis for PSYCH 41 or STATIST 13 or SOCIOL 46A, not more than one course.

====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](http://ucdavis.edu/transfer). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts

partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

GENERAL EMPHASIS:

PHILOS 12	Intro to Symbol Logic	(4)		PHIL 7	Deductive Logic	(4)
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AND ONE COURSE FROM ANY THREE OF THE FOLLOWING AREAS

a. GENERAL PHILOSOPHY

PHILOS 1	Intro to Philos	(4)		PHIL 1	Knowledge and Reality	(4)
				<u>OR</u>		
				PHIL 20C	Philosophy: 1800 - the Present	(4)
				<u>OR</u>		
				PHIL 30	Introduction to Existentialism	(4)

b. ANCIENT PHILOSOPHY

PHILOS 21	Phil Classics: Ancient	(4)		PHIL 20A	History of Western Philosophy: Ancient Greece	(4)
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c. EARLY MODERN PHILOSOPHY

PHILOS 22	Phil Classics: Modern	(4)		PHIL 20B	History of Western Philosophy: 1400 - 1800	(4)
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d. PHILOSOPHY OF MIND

PHILOS 13G	Minds, Brains Comp w/Disc	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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e. ETHICS:

PHILOS 14	Eth Soc Prob in Soc	(4)		PHIL 17	Critical Consciousness	(4)
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				and Social Change	
				Same as: ICS 17	
	OR			OR	
PHILOS 15	Intro to Bioethics	(4)	NO COMPARABLE COURSE		
	OR			OR	
PHILOS 24	Intro to Ethics	(4)	PHIL 2	Social and Political Philosophy	(4)
			OR		
			PHIL 8	Ethics	(4)

f. PHILOSOPHY OF SCIENCE

PHILOS 30	Intro Philos of Sci	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation	
	OR		OR	
PHILOS 31	Scientific Reason	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation	
	OR		OR	
PHILOS 32	Scientific Change	(4)	NO COMPARABLE COURSE	
	OR		OR	
PHILOS 38	Intro Philos of Biol	(4)	NO COMPARABLE COURSE	

g. PHILOSOPHY OF LANGUAGE

PHILOS 17	Language, Thought & World	(4)	NO COMPARABLE COURSE	
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PRE-LAW EMPHASIS

ONE COURSE FROM THE FOLLOWING:

PHILOS 14	Eth Soc Prob in Soc	(4)	PHIL 17	Critical Consciousness and Social Change	(4)
				Same as: ICS 17	
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 4	Critical Thinking	(4)
PHILOS 12	Intro to Symbol Logic	(4)	PHIL 7	Deductive Logic	(4)
PHILOS 24	Intro to Ethics	(4)	PHIL 2	Social and Political Philosophy	(4)
			OR		
			PHIL 8	Ethics	(4)

PRE-MED EMPHASIS:

ONE COURSE FROM THE FOLLOWING:

PHILOS 24	Intro to Ethics	(4)	PHIL 2	Social and Political Philosophy	(4)
			OR		
			PHIL 8	Ethics	(4)
PHILOS 30	Intro Philos of Sci	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
PHILOS 31	Scientific Reason	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
PHILOS 32	Scientific Change	(4)	NO COMPARABLE COURSE		

ALL OF THE FOLLOWING COURSES:

PHILOS 12	Intro to Symbol Logic	(4)	PHIL 7	Deductive Logic	(4)
PHILOS 15	Intro to Bioethics	(4)	NO COMPARABLE COURSE		
PHILOS 38	Intro Philos of Biol	(4)	NO COMPARABLE COURSE		

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

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG 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.

PHYSICS 9A	Classical Physics	(5)	PHYS 4A	Physics for Scientists and Engineers: Mechanics	(6)
PHYSICS 9B	Classical Physics	(5)	PHYS 4C	Physics for Scientists and Engineers: Fluids, Waves, Optics and Thermodynamics	(6)
PHYSICS 9C	Classical Physics	(5)	PHYS 4B	Physics for Scientists and Engineers: Electricity and Magnetism	(6)
PHYSICS 9D	Modern Physics	(4)	PHYS 4D	Physics for Scientists and Engineers: Modern Physics	(6)
OR			OR		
PHYSICS 9HA	Honors Physics	(5)	NO COMPARABLE COURSE		
PHYSICS 9HB	Honors Physics	(5)	NO COMPARABLE COURSE		
PHYSICS 9HC	Honors Physics	(5)	NO COMPARABLE COURSE		
PHYSICS 9HD	Honors Physics	(5)	NO COMPARABLE COURSE		
PHYSICS 9HE	Honors Physics	(5)	NO COMPARABLE COURSE		

MATH 21A	Calculus	(4)	MATH 1A	Calculus	(5)
			OR		
			MATH 1AH	Calculus - HONORS	(5)
MATH 21B	Calculus	(4)	MATH 1B	Calculus	(5)
			OR		
			MATH 1BH	Calculus - HONORS	(5)
MATH 21C	Calculus	(4)	MATH 1C	Calculus	(5)
			OR		
			MATH 1CH	Calculus - HONORS	(5)
MATH 21D	Vector Analysis	(4)	MATH 1D	Calculus	(5)
			OR		
			MATH 1DH	Calculus - HONORS	(5)
MATH 22A	Linear Algebra	(3)	MATH 2B	Linear Algebra	(5)
MATH 22B	Differntl Equations	(3)	MATH 2A	Differential Equations	(5)

PHYSICS 80	Experimental Techniques	(4)	NO COURSE ARTICULATED		

END OF MAJOR

====Physics B.S.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is highly recommended that students complete a calculus-based physics series, a

calculus series through linear algebra and differential equations, and a formal course in C programming before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree. As a result, students who expect to graduate in two years will need the recommended courses upon entry.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Special Advising Note for future applicants:*

Beginning fall 2020, the major physics will become selective and will require preparatory coursework for admission. Any required courses that are offered at your current campus will need to be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses will not be offered at your college, you must complete them after enrolling at UC Davis.

Transfer students must earn an overall GPA of 2.80 or higher to be competitive candidates for admission to this major (3.20 or higher for TAG applicants).

Strive to achieve your highest possible GPA in order to be most competitive. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 3.00 for the selective major course group. It is recommended that candidates have a cumulative GPA of at least 3.00 for the group of courses below that have been completed at the time of application and through the transfer academic update filing period. Whether planning for the general application or TAG process, courses must be taken for a letter grade, with no grade less than C. (Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC course equivalents).

-Physics 9A/B/C/D or Physics 9HA/HB/HC/HD/HE
-Mathematics 21A/B/C/D
-Mathematics 22A/B

*Information for future applicants is subject to change

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education (GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

PHYSICS 9A	Classical Physics	(5)	PHYS 4A	Physics for Scientists and Engineers: Mechanics	(6)
PHYSICS 9B	Classical Physics	(5)	PHYS 4C	Physics for Scientists and Engineers: Fluids, Waves, Optics and Thermodynamics	(6)
PHYSICS 9C	Classical Physics	(5)	PHYS 4B	Physics for Scientists and Engineers: Electricity and Magnetism	(6)
PHYSICS 9D	Modern Physics	(4)	PHYS 4D	Physics for Scientists and Engineers: Modern Physics	(6)
OR			OR		
PHYSICS 9HA	Honors Physics	(5)	NO COMPARABLE COURSE		
PHYSICS 9HB	Honors Physics	(5)	NO COMPARABLE COURSE		
PHYSICS 9HC	Honors Physics	(5)	NO COMPARABLE COURSE		
PHYSICS 9HD	Honors Physics	(5)	NO COMPARABLE COURSE		
PHYSICS 9HE	Honors Physics	(5)	NO COMPARABLE COURSE		
MATH 21A	Calculus	(4)	MATH 1A	Calculus	(5)
			OR		
			MATH 1AH	Calculus - HONORS	(5)
MATH 21B	Calculus	(4)	MATH 1B	Calculus	(5)
			OR		
			MATH 1BH	Calculus - HONORS	(5)
MATH 21C	Calculus	(4)	MATH 1C	Calculus	(5)
			OR		
			MATH 1CH	Calculus - HONORS	(5)
MATH 21D	Vector Analysis	(4)	MATH 1D	Calculus	(5)
			OR		
			MATH 1DH	Calculus - HONORS	(5)
MATH 22A	Linear Algebra	(3)	MATH 2B	Linear Algebra	(5)
MATH 22B	Differential Equations	(3)	MATH 2A	Differential Equations	(5)
PHYSICS 40	Intr Physics Computation	(4)	NO COURSE ARTICULATED		
PHYSICS 80	Experimental Techniques	(4)	NO COURSE ARTICULATED		

ASTROPHYSICS EMPHASIS

Preparatory subject matter for the B.S. Astrophysics Emphasis is the same as that listed above. In addition, the following course is RECOMMENDED but not required:

ASTRON 25	Intro to Modern Astronomy & Astrophysics	(4)	NO COMPARABLE COURSE
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END OF MAJOR

====Plant Biology A.B.====

Special Advising Note:

The following majors in the College of the Biological Sciences--biochemistry and molecular biology; biological sciences; cell biology; evolution, ecology, and biodiversity; genetics and genomics; marine and coastal science (marine ecology & organismal biology); microbiology; neurobiology, physiology, and behavior; and

plant biology--are selective and require preparatory coursework for admission. Any required courses that are offered at your current campus must be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses are not offered at your college, you must complete them after enrolling at UC Davis.

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.50 for each of the three course groups. It is recommended that candidates have already achieved the minimum required GPAs for the courses in the groups below that have been completed by the time of application and maintain them through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

Mathematics 17A/B/C or 21A/B

Chemistry 2A/B/C

Biological Sciences 2A/B/C

It is also strongly recommended that transfer students complete courses comparable to the following UC Davis courses. Completion of these courses will help you move more efficiently toward graduation. Courses should be taken for a letter grade, with no grade less than C:

Organic Chemistry series cited on ASSIST for your major*

Physics 7A/B/C or the physics series cited on ASSIST

for your intended College of Biological Sciences major (especially useful for Neurobiology, Physiology and Behavior majors).

* Students planning for the major biochemistry and molecular biology should complete Organic Chemistry 118A/B/C rather than 8A/B. Students planning for the major marine and coastal science (marine ecology & organismal biology) should complete Organic Chemistry 8A/B; however, students may substitute Chemistry 118A/B/C.

Transfer students must also meet UC transfer admission requirements. UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. See the [UC Transfer Admission webpage](#). In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

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 6B	Cell and Molecular Biology	(6)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 6C	Evolution and Ecology	(6)
			<u>OR</u>		
			BIOL 6CH	Ecology and Evolution - HONORS	(6)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 6A	Form and Function in the Biological World	(6)
			<u>OR</u>		
			BIOL 6AH	Form and Function in the Biological World - HONORS	(6)
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CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
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o) STATIST 13	Elementary Statistics	(4)	MATH 10	Elementary Statistics and Probability	(5)
Same as: STATIST 13Y			<u>OR</u>		
			MATH 10H	Elementary Statistics and Probability - HONORS	(5)
			<u>OR</u>		
			PSYC 15	Basic Statistics and	(4)

complete Organic Chemistry 118A/B/C rather than 8A/B. Students planning for the major marine and coastal science (marine ecology & organismal biology) should complete Organic Chemistry 8A/B; however, students may substitute Chemistry 118A/B/C.

Transfer students must also meet UC transfer admission requirements. UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. See the [UC Transfer Admission webpage](#). In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education (GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 6B	Cell and Molecular Biology	(6)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 6C	Evolution and Ecology	(6)
			OR		
			BIOL 6CH	Ecology and Evolution - HONORS	(6)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 6A	Form and Function in the Biological World	(6)
			OR		
			BIOL 6AH	Form and Function in the Biological World - HONORS	(6)
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CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1C	General Chemistry and Qualitative Analysis	(5)

CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE	
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE	
OR			OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 12A	Organic Chemistry (5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 12B	Organic Chemistry (5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 12C	Organic Chemistry (5)

MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE	
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE	
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE	
OR			OR	
MATH 21A	Calculus	(4)	MATH 1A	Calculus (5)
			OR	
			MATH 1AH	Calculus - HONORS (5)
MATH 21B	Calculus	(4)	MATH 1B	Calculus (5)
			OR	
			MATH 1BH	Calculus - HONORS (5)

PHYSICS 7A	General Physics	(4)	PHYS 2B &	General Introductory Physics (5)
			PHYS 2C	General Introductory Physics (5)
PHYSICS 7B	General Physics	(4)	PHYS 2B &	General Introductory Physics (5)
			PHYS 2C	General Introductory Physics (5)
PHYSICS 7C	General Physics	(4)	PHYS 2B &	General Introductory Physics (5)
			PHYS 2C	General Introductory Physics (5)

It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

RECOMMENDED COURSES:

BIOLSCI 20Q	Modeling in Biology	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
MATH 21C	Calculus	(4)	MATH 1C	Calculus (5)
			OR	
			MATH 1CH	Calculus - HONORS (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:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College of Agricultural and Environmental Sciences (A&ES) General Education (GE) English Composition Requirement for the Bachelor's Degree:

The College of A&ES English Composition requirement for the Bachelor's degree is an element of the UC Davis General Education (GE) pattern. This GE requirement may be satisfied by completing either two courses emphasizing written expression OR one course emphasizing written expression and one course emphasizing oral expression, with a grade of C- (or P) or better. The following UC Davis lower-division courses are among those that have been approved to satisfy this requirement: English 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (emphasis in either writing or speaking skills). The English Composition requirement may also be met by achieving a score of 4 or 5 on the Advanced Placement (AP) English examination PLUS completing any previously listed course, EXCEPT English 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC transfer students who have successfully completed the IGETC lower-division coursework are exempt from all GE requirements that may be met with lower-division courses. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer admission. See the [UC Transfer Admission website](#). The courses used for the A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 6B	Cell and Molecular Biology	(6)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 6C	Evolution and Ecology	(6)
			OR		
			BIOL 6CH	Ecology and Evolution - HONORS	(6)
PL SCI 2	Bot Physio Cul Plt	(4)	NO COMPARABLE COURSE		
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1C	General Chemistry and Qualitative Analysis	(5)
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
	OR		OR		
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 12A	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 12B	Organic Chemistry	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 12C	Organic Chemistry	(5)
MATH 16A	Short Calculus	(3)	MATH 1A	Calculus	(5)
			OR		
MATH 16B	Short Calculus	(3)	MATH 1AH	Calculus - HONORS	(5)
			MATH 1B	Calculus	(5)
	OR		OR		
MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
PHYSICS 1B	Principles Physics	(3)	PHYS 2A	General Introductory Physics	(5)
	OR		OR		
PHYSICS 7A	General Physics	(4)	PHYS 2B &	General Introductory Physics	(5)
			PHYS 2C	General Introductory Physics	(5)
PHYSICS 7B	General Physics	(4)	PHYS 2B &	General Introductory Physics	(5)
			PHYS 2C	General Introductory Physics	(5)
PHYSICS 7C	General Physics	(4)	PHYS 2B &	General Introductory Physics	(5)
			PHYS 2C	General Introductory Physics	(5)
It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.					
ABIOSYT 49	Fld Equip Oper	(2)	NO COMPARABLE COURSE		
	OR		OR		
PL SCI 49	Org Crop Prod Prac	(3)	NO COMPARABLE COURSE		

COURSES FOR THE CROP PRODUCTION OPTION:

ECON 1A	Princ of Microecon	(4)	ECON 2	Principles of Microeconomics	(4)
			<u>OR</u>		
			ECON 2H	Principles of Microeconomics - HONORS	(4)
	<u>OR</u>		<u>OR</u>		
AGRESEC 15	Pop,Envr,World Agri	(4)	NO COMPARABLE COURSE		

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.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

POL SCI 1	Amer Natl Govt	(4)	POLI 1	American Government and Politics	(4)
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THREE COURSES FROM THE FOLLOWING:

POL SCI 2	Intro Comp Politics	(4)	POLI 2	Comparative Politics	(4)
POL SCI 3	Internatl Relations	(4)	POLI 3	International Relations	(4)
POL SCI 4	Bas Cnpt/Pol Thry	(4)	POLI 5	Introduction to	(4)
				Political Thought and	
				Theory	
POL SCI 5	Probs/Am Pol Sys	(4)	NO COMPARABLE COURSE		
POL SCI 7	Law & Politics	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		

POL SCI 51	Scientific Study of Politics	(4)	NO COMPARABLE COURSE		

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				
o) STATIST 13	Elementary Statistics	(4)	MATH 10	Elementary Statistics and Probability	(5)
	Same as: STATIST 13Y				
			<u>OR</u>		
			MATH 10H	Elementary Statistics and Probability - HONORS	(5)
			<u>OR</u>		
			PSYC 15	Basic Statistics and Research Methods in Social and Behavioral Sciences	(4)
				Same as: SOC 15	
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		

END OF MAJOR

o) Students who complete PSYC 15 or SOC 15 at DeAnza College will receive credit at UC Davis for PSYCH 41 or STATIST 13 or SOCIOL 46A, not more than one course.

====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](https://ucdavis.edu/transfer-admission). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General

Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

THREE COURSES FROM THE FOLLOWING:

POL SCI 1	Amer Natl Govt	(4)	POLI 1	American Government and Politics	(4)
POL SCI 2	Intro Comp Politics	(4)	POLI 2	Comparative Politics	(4)
POL SCI 3	Internatl Relations	(4)	POLI 3	International Relations	(4)
POL SCI 4	Bas Cnpt/Pol Thry	(4)	POLI 5	Introduction to Political Thought and Theory	(4)

ONE COURSE FROM THE FOLLOWING:

Note: Courses listed twice may be used only once for major preparation

POL SCI 1	Amer Natl Govt	(4)	POLI 1	American Government and Politics	(4)
POL SCI 2	Intro Comp Politics	(4)	POLI 2	Comparative Politics	(4)
POL SCI 3	Internatl Relations	(4)	POLI 3	International Relations	(4)
POL SCI 4	Bas Cnpt/Pol Thry	(4)	POLI 5	Introduction to Political Thought and Theory	(4)
POL SCI 5	Probs/Am Pol Sys	(4)	NO COMPARABLE COURSE		
POL SCI 7	Law & Politics	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
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)			
POL SCI 51	Scientific Study of Politics	(4)	NO COMPARABLE COURSE		

POL SCI 12Y	Data Visualization	(4)		NO COURSE ARTICULATED: College has not
Same as: COMUNCN 12Y, PSYCH 12Y				submitted course(s) for articulation
SOCIOL 12Y				
OR				OR
o) STATIST 13	Elementary Statistics	(4)		MATH 10 Elementary Statistics (5) and Probability
Same as: STATIST 13Y				
				OR
				MATH 10H Elementary Statistics (5) and Probability - HONORS
				OR
				PSYC 15 Basic Statistics and (4) Research Methods in Social and Behavioral Sciences
				Same as: SOC 15
OR				OR
STATIST 32	Gateway to Data Science	(4)		NO COMPARABLE COURSE

END OF MAJOR

o) Students who complete PSYC 15 or SOC 15 at DeAnza College will receive credit at UC Davis for PSYCH 41 or STATIST 13 or SOCIOL 46A, not more than one course.

====Psychology A.B.====

Special Advising Note:

REQUIREMENTS FOR ADMISSION:
(for 2019-20)

This major is selective and requires preparatory coursework for admission. Any required courses that are offered at your current campus must be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses are not offered at your college, you must complete them after enrolling at UC Davis.

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.90 for the course group. It is recommended that candidates have a cumulative GPA of at least 2.90 for courses in the group below that have been completed by the time of application and maintain the GPA through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

Psychology 1;
Statistics 13;
One of these two options:
Biological Sciences 2A,
 or
*Biological Sciences 10 and one course from:
Anthropology 1 or
Molecular and Cellular Biology 10 or
Neurobiology, Physiology and Behavior 10

Applicants to psychology apply to the major, without reference to A.B. or B.S. degrees or emphases, which are chosen after enrollment at UC Davis. Transfer students are advised that although requirements for admission (listed above) in

the psychology major are the same for the A.B. and B.S. degree options, lower-division preparation for graduation in the major may vary based on the degree and emphasis. Students are encouraged to view coursework for the A.B. degree and the B.S. degree with available biological and quantitative emphases.

Although not required for admission selection to the psychology major, it is highly recommended that students planning for a B.S. degree in psychology complete courses comparable to the UC Davis chemistry courses that apply to the student's degree and emphasis before enrolling at UC Davis.

*Students planning for a B.S. degree in psychology with biological emphasis are encouraged to complete Biological Sciences 2A rather than Biological Sciences 10. Also, although only one biological sciences course is required for admission, students interested in pursuing a B.S. degree with biological emphasis are encouraged to complete the recommended courses shown on ASSIST.

Transfer students must also meet UC transfer admission requirements. For details, see the UC Davis [transfer admission website](#). UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

PSYCH 1	General Psychology	(4)	PSYC 1	General Psychology	(4)
o) PSYCH 41	Research Methods	(4)	PSYC 15	Basic Statistics and Research Methods in Social and Behavioral Sciences	(4)
				Same as: SOC 15	
o) STATIST 13	Elementary Statistics	(4)	MATH 10	Elementary Statistics (5) and Probability	(5)
	Same as: STATIST 13Y		<u>OR</u>		
			MATH 10H	Elementary Statistics (5) and Probability - HONORS	(5)
			<u>OR</u>		
			PSYC 15	Basic Statistics and (4) Research Methods in Social and Behavioral Sciences	(4)
				Same as: SOC 15	
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 6B	Cell and Molecular Biology	(6)

OR A COMBINATION OF

BIOLSCI 10	Everyday Biology	(4)	BIOL 10	Introductory Biology	(5)
			<u>OR</u>		
			BIOL 10H	Introductory Biology - (5) HONORS	(5)

AND ONE COURSE FROM

ANTHRO 1	Human Evol Biol	(4)	ANTH 1	Physical Anthropology	(4)
			<u>OR</u>		
			ANTH 1H	Physical Anthropology - (4) HONORS	(4)
			<u>OR</u>		
MOL&CB 10	Intro Human Heredity	(4)	NO COMPARABLE COURSE		
			<u>OR</u>		
NE PH B 10	Elem Human Physio	(3)	BIOL 40A &	Human Anatomy and (5) Physiology	(5)
			BIOL 40B &	Human Anatomy and (5) Physiology	(5)
			BIOL 40C	Human Anatomy and (5) Physiology	(5)

END OF MAJOR

o) Students who complete PSYC 15 or SOC 15 at DeAnza College will receive credit at UC Davis for PSYCH 41 or STATIST 13 or SOCIOL 46A, not more than one course.

====Psychology B.S. (Biological)=====

Special Advising Note:

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

This major is selective and requires preparatory coursework for admission. Any required courses that are offered at your current campus must be completed by

the close of spring term prior to fall enrollment at UC Davis. If required courses are not offered at your college, you must complete them after enrolling at UC Davis.

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.90 for the course group. It is recommended that candidates have a cumulative GPA of at least 2.90 for courses in the group below that have been completed by the time of application and maintain the GPA through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

Psychology 1;

Statistics 13;

One of these two options:

Biological Sciences 2A,

or

*Biological Sciences 10 and one course from:

Anthropology 1 or

Molecular and Cellular Biology 10 or

Neurobiology, Physiology and Behavior 10

Applicants to psychology apply to the major, without reference to A.B. or B.S. degrees or emphases, which are chosen after enrollment at UC Davis. Transfer students are advised that although requirements for admission (listed above) in the psychology major are the same for the A.B. and B.S. degree options, lower-division preparation for graduation in the major may vary based on the degree and emphasis. Students are encouraged to view coursework for the A.B. degree and the B.S. degree with available biological and quantitative emphases.

Although not required for admission selection to the psychology major, it is highly recommended that students planning for a B.S. degree in psychology complete courses comparable to the UC Davis chemistry courses that apply to the student's degree and emphasis before enrolling at UC Davis.

*Students planning for a B.S. degree in psychology with biological emphasis are encouraged to complete Biological Sciences 2A rather than Biological Sciences 10. Also, although only one biological sciences course is required for admission, students interested in pursuing a B.S. degree with biological emphasis are encouraged to complete the recommended courses shown on ASSIST.

Transfer students must also meet UC transfer admission requirements. For details, see the UC Davis [transfer admission website](#). UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

PSYCH 1	General Psychology	(4)	PSYC 1	General Psychology	(4)
o) PSYCH 41	Research Methods	(4)	PSYC 15	Basic Statistics and Research Methods in Social and Behavioral Sciences	(4)
			Same as: SOC 15		
o) STATIST 13	Elementary Statistics	(4)	MATH 10	Elementary Statistics and Probability	(5)
Same as: STATIST 13Y			<u>OR</u>		
			MATH 10H	Elementary Statistics and Probability - HONORS	(5)
			<u>OR</u>		
			PSYC 15	Basic Statistics and Research Methods in Social and Behavioral Sciences	(4)
			Same as: SOC 15		
MATH 16A	Short Calculus	(3)	MATH 1A	Calculus	(5)
			<u>OR</u>		
MATH 16B	Short Calculus	(3)	MATH 1AH	Calculus - HONORS	(5)
			MATH 1B	Calculus	(5)
			<u>OR</u>		
			MATH 1BH	Calculus - HONORS	(5)
	<u>OR</u>			<u>OR</u>	
MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
	<u>OR</u>			<u>OR</u>	
MATH 21A	Calculus	(4)	MATH 1A	Calculus	(5)
			<u>OR</u>		
MATH 21B	Calculus	(4)	MATH 1AH	Calculus - HONORS	(5)
			MATH 1B	Calculus	(5)
			<u>OR</u>		
			MATH 1BH	Calculus - HONORS	(5)
PHYSICS 10	Topics,Nonscientists	(4)	PHYS 10	Concepts of Physics	(5)
	<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 2B &	General Introductory Physics	(5)
			PHYS 2C	General Introductory Physics	(5)
PHYSICS 7B	General Physics	(4)	PHYS 2B &	General Introductory Physics	(5)
			PHYS 2C	General Introductory Physics	(5)

It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 6B	Cell and Molecular Biology	(6)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 6C	Evolution and Ecology	(6)
			<u>OR</u>		
			BIOL 6CH	Ecology and Evolution - HONORS	(6)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 6A	Form and Function in the Biological World	(6)
			<u>OR</u>		
			BIOL 6AH	Form and Function in the Biological World - HONORS	(6)

CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)

CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
	<u>OR</u>		<u>OR</u>		
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 12A	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 12B	Organic Chemistry	(5)
	<u>OR</u>		<u>OR</u>		
CHEM 128A	Organic Chemistry	(3)	CHEM 12A	Organic Chemistry	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 12B	Organic Chemistry	(5)

END OF MAJOR

o) Students who complete PSYC 15 or SOC 15 at DeAnza College will receive credit at UC Davis for PSYCH 41 or STATIST 13 or SOCIOL 46A, not more than one course.

====Psychology B.S. (Quantitative)====

Special Advising Note:

REQUIREMENTS FOR ADMISSION:
(for 2018-19)

This major is selective and requires preparatory coursework for admission. Any required courses that are offered at your current campus must be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses are not offered at your college, you must complete them after enrolling at UC Davis.

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.90

for the course group. It is recommended that candidates have a cumulative GPA of at least 2.90 for courses in the group below that have been completed by the time of application and maintain the GPA through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

Psychology 1;
Statistics 13;
One of these two options:
Biological Sciences 2A
 or
Biological Sciences 10 and one course from:
Anthropology 1 or
Molecular and Cellular Biology 10 or
Neurobiology, Physiology and Behavior 10

Applicants to psychology apply to the major without reference to A.B. or B.S. degrees or emphases, which are chosen after enrollment at UC Davis. Transfer students are advised that although requirements for admission (listed above) in the psychology major are the same for the A.B. and B.S. degree options, lower-division preparation for graduation in the major may vary based on the degree and emphasis. Students are encouraged to view coursework for the A.B. degree and the B.S. degree with available biological and quantitative emphases.

Although not required for admission selection to the psychology major, it is highly recommended that students planning for a B.S. degree in psychology complete courses comparable to the UC Davis chemistry courses that apply to the student's degree and emphasis before enrolling at UC Davis.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](http://ucdavis.edu/transfer). UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

PSYCH 1	General Psychology	(4)	PSYC 1	General Psychology	(4)
o) PSYCH 41	Research Methods	(4)	PSYC 15	Basic Statistics and Research Methods in Social and Behavioral Sciences	(4)
			Same as: SOC 15		
o) STATIST 13	Elementary Statistics	(4)	MATH 10	Elementary Statistics and Probability	(5)
Same as: STATIST 13Y			<u>OR</u>		
			MATH 10H	Elementary Statistics and Probability - HONORS	(5)
			<u>OR</u>		
			PSYC 15	Basic Statistics and Research Methods in Social and Behavioral Sciences	(4)
			Same as: SOC 15		
MATH 21A	Calculus	(4)	MATH 1A	Calculus	(5)
			<u>OR</u>		
MATH 21B	Calculus	(4)	MATH 1AH	Calculus - HONORS	(5)
			MATH 1B	Calculus	(5)
			<u>OR</u>		
MATH 21C	Calculus	(4)	MATH 1BH	Calculus - HONORS	(5)
			MATH 1C	Calculus	(5)
			<u>OR</u>		
			MATH 1CH	Calculus - HONORS	(5)
ENG CS 36A	Programming	(4)	CIS 22A	Beginning Programming Methodologies in C++	(4.5)
Formerly ENG CS 30			<u>OR</u>		
			CIS 26A	C as a Second Programming Language	(4.5)
			<u>OR</u>		
			CIS 26B	Advanced C Programming	(4.5)
			<u>OR</u>		
			CIS 35A	Java Programming	(4.5)
			<u>OR</u>		
			CIS 36A	Introduction to Computer Programming Using Java	(4.5)
<u>OR</u>			<u>OR</u>		
ENG CS 32A	Intro to Programming	(4)	NO COMPARABLE COURSE		
Formerly ENG CS 10					

Please note that the community college's computer science courses may not be identical to UC Davis courses. Community college students, upon transfer to UC Davis, may need to make up any topic or language deficiencies.

CHEM 10	Concept of Chem	(4)	CHEM 10	Introductory Chemistry	(5)
	<u>OR</u>		<u>OR</u>		
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)

CHEM 2B	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
	OR			OR	
CHEM 2AH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
CHEM 2BH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		

PHYSICS 10	Topics, Nonscientists	(4)	PHYS 10	Concepts of Physics	(5)
	OR			OR	
PHYSICS 10C	Physics of California	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR	
PHYSICS 7A	General Physics	(4)	PHYS 2B & General Introductory Physics	(5)	
			PHYS 2C General Introductory Physics	(5)	
PHYSICS 7B	General Physics	(4)	PHYS 2B & General Introductory Physics	(5)	
			PHYS 2C General Introductory Physics	(5)	

It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 6B	Cell and Molecular Biology	(6)
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OR A COMBINATION OF

BIOLSCI 10	Everyday Biology	(4)	BIOL 10	Introductory Biology	(5)
			OR		
			BIOL 10H	Introductory Biology - HONORS	(5)

AND ONE COURSE FROM

ANTHRO 1	Human Evol Biol	(4)	ANTH 1	Physical Anthropology	(4)
			OR		
			ANTH 1H	Physical Anthropology - HONORS	(4)
	OR			OR	
MOL&CB 10	Intro Human Heredity	(4)	NO COMPARABLE COURSE		
	OR			OR	
NE PH B 10	Elem Human Physio	(3)	BIOL 40A & Human Anatomy and Physiology	(5)	
			BIOL 40B & Human Anatomy and Physiology	(5)	
			BIOL 40C Human Anatomy and Physiology	(5)	

END OF MAJOR

o) Students who complete PSYC 15 or SOC 15 at DeAnza College will receive credit at UC Davis for PSYCH 41 or STATIST 13 or SOCIOL 46A, not more than one course.

====Religious Studies A.B.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for

the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

ONE COURSE FROM THE FOLLOWING:

REL STD 1	Survey of Religion	(4)	HUMI 9	Introduction to Comparative Religion	(4)
			OR		
			HUMI 9H	Introduction to Comparative Religion - HONORS	(4)
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 COMPARABLE COURSE		
REL STD 1E	Fundamentalism	(4)	NO COMPARABLE COURSE		
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		

REL STD 1J	Music, Voice, Word	(4)	submitted course(s)for articulation 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 COMPARABLE COURSE
REL STD 10A	Contemporary Ethical Issues	(2)	NO COMPARABLE COURSE
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 COURSE ARTICULATED: College has not submitted course(s)for articulation
REL STD 23	Intro Judaism	(4)	NO COMPARABLE COURSE
REL STD 30	South Asian Religions	(4)	NO COMPARABLE COURSE
REL STD 40	New Testament	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
REL STD 42	Religion and Sci Fiction	(4)	NO COMPARABLE COURSE
REL STD 45	Christianity	(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 COMPARABLE COURSE
REL STD 67	Modern Hinduism	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
REL STD 68	Hinduism	(4)	NO COMPARABLE COURSE
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 COMPARABLE COURSE
REL STD 75	Introduction to Chinese Philosophy	(4)	PHIL 14B Chinese Philosophy (4)
REL STD 80	Religion, Gender, Sex	(4)	NO COMPARABLE COURSE

A reading knowledge of a foreign language is highly recommended.

END OF MAJOR

====Russian A.B.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](https://ucdavis.edu/transfer-admission). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

Students with only one year or less of Russian at the community college level should consult with an advisor in the Russian Department at UC Davis before continuing on with the Russian series.

RUSSIAN 1	Elementary Russian	(5)	RUSS 1	Elementary Russian (First Quarter)	(5)
RUSSIAN 2	Elementary Russian	(5)	RUSS 2	Elementary Russian (Second Quarter)	(5)
RUSSIAN 3	Elementary Russian	(5)	RUSS 3	Elementary Russian (Third Quarter)	(5)
RUSSIAN 4	Intermed Russian	(4)	NO COMPARABLE COURSE		
RUSSIAN 5	Intermed Russian	(4)	NO COMPARABLE COURSE		
RUSSIAN 6	Intermed Russian	(4)	NO COMPARABLE COURSE		
END OF MAJOR					

====Science & Technology Studies A.B.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit

<http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

SCI&TEC 1	Intro Sci & Tech Std	(4)	NO COMPARABLE COURSE
SCI&TEC 20	Sci & Tec Std Methods	(4)	NO COMPARABLE COURSE

8 QUARTER UNITS FROM THE FOLLOWING:

AMR STD 1A	Science and American Culture	(4)	NO COMPARABLE COURSE
AMR STD 1E	Nat&Cult Amr	(4)	NO COMPARABLE COURSE
AMR STD 5	Tech in Amr Lives	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
ENV S&P 1	Env Analysis	(4)	NO COMPARABLE COURSE
HUMAN 3	Medicine & Humanities	(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 COURSE ARTICULATED: College has not submitted course(s)for articulation
PHILOS 32	Scientific Change	(4)	NO COMPARABLE COURSE
SCI&SOC 1	Critical Inquiry into Contemporary Issues	(4)	NO COMPARABLE COURSE
SCI&SOC 2	Feeding the Planet	(3)	NO COMPARABLE COURSE
SCI&SOC 3	Sci,Tech&Society	(4)	NO COMPARABLE COURSE
SCI&SOC 5	Discovery:Sci & Soc	(3)	NO COMPARABLE COURSE
SCI&TEC 32	Drugs, Science and Culture	(4)	NO COMPARABLE COURSE
Same as: ANTHRO 32			

4 quarter units of lower-division science courses from the Approved Science Electives list. To see the list, click on <http://sts.ucdavis.edu/undergraduate/sts-major-requirements>

END OF MAJOR

====Sociology A.B.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

SOCIOL 1	Intro Sociology	(5)		SOC 1	Introduction to Sociology	(4)

o) SOCIOL 46A	Intro Social Rsch	(4)		SOC 15	Basic Statistics and Research Methods in Social and Behavioral Sciences	(4)
				Same as: PSYC 15		
	AND			AND		
SOCIOL 46B	Intro Social Rsch	(5)		NO COMPARABLE COURSE		

ONE COURSE FROM THE FOLLOWING:

SOCIOL 2	Self and Society	(4)	NO COMPARABLE COURSE	
SOCIOL 3	Social Problems	(4)	SOC 20 Social Problems	(4)
SOCIOL 4	Immigrtn & Opprtnty	(4)	NO COMPARABLE COURSE	
SOCIOL 5	Global Soc Change	(4)	SOC 5 Sociology of Globalization and Social Change	(4)
			Same as: INTL 8	
			<u>OR</u>	
			INTL 8 Sociology of Globalization and Social Change	(4)
			Same as: SOC 5	
SOCIOL 11	Sociology of Labor and Employment	(4)	NO COMPARABLE COURSE	
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	

ONE COURSE FROM THE FOLLOWING:

ANTHRO 2	Cultural Anthropology	(5)	ANTH 2 Cultural Anthropology	(4)
			<u>OR</u>	
			ANTH 2H Cultural Anthropology - HONORS	(4)
	<u>OR</u>		<u>OR</u>	
ANTHRO 20	Comparative Cultures	(4)	NO COMPARABLE COURSE	

ONE COURSE FROM THE FOLLOWING:

HISTORY 4A	Western Civ	(4)	HIST 6A & History of Western Civilization	(4)
			HIST 6B History of Western Civilization	(4)
			<u>OR</u>	
			HIST 6AH History of Western Civilization - HONORS	(4)
HISTORY 4B	Western Civ	(4)	HIST 6B History of Western Civilization	(4)
			<u>OR</u>	
			HIST 6BH History of Western Civilization - HONORS	(4)
HISTORY 4C	Western Civ	(4)	HIST 6C History of Western Civilization	(4)
			<u>OR</u>	
			HIST 6CH History of Western Civilization - HONORS	(4)
HISTORY 6	Intro to Middle East	(4)	NO COMPARABLE COURSE	
HISTORY 7A	Latin America to 1700	(4)	HIST 7A Colonial Latin American History	(4)
			Same as: ICS 38A	
			<u>OR</u>	
			ICS 38A Colonial Latin American History	(4)
			Same as: HIST 7A	
HISTORY 7B	Latin America 1700-1900	(4)	HIST 7A Colonial Latin American History	(4)
			Same as: ICS 38A	
			<u>OR</u>	
			ICS 38A & Colonial Latin American History	(4)

			Same as: HIST 7A	
			HIST 7B Modern Latin American History	(4)
			Same as: ICS 38B	
			<u>OR</u>	
			ICS 38B Modern Latin American History	(4)
			Same as: HIST 7B	
HISTORY 7C	Latin America 1900-Present	(4)	HIST 7B Modern Latin American History	(4)
			Same as: ICS 38B	
			<u>OR</u>	
			ICS 38B Modern Latin American History	(4)
			Same as: HIST 7B	
HISTORY 8	Indian Civilization	(4)	NO COMPARABLE COURSE	
HISTORY 9A	East Asian Civ	(4)	HIST 19A History of Asian Civilization: China and Japan (to the 19th Century)	(4)
			Same as: INTL 19A	
HISTORY 9B	East Asian Civ	(4)	HIST 19B History of Asian Civilization: China and Japan (19th - 21st Centuries)	(4)
			Same as: INTL 19B	
HISTORY 10C	World History III	(4)	HIST 3C World History from 1750 CE to the Present	(4)
			<u>OR</u>	
			HIST 3CH World History from 1750 CE to the Present - Honors	(4)
HISTORY 15A	Africa to 1900	(4)	NO COURSE ARTICULATED	
HISTORY 15B	Africa Today	(4)	NO COURSE ARTICULATED	
HISTORY 17A	U.S. History	(4)	HIST 17A History of the United States to Early National Era	(4)
			<u>OR</u>	
			HIST 17AH & History of the United States to Early National Era - HONORS	(4)
			HIST 17B History of the United States From 1800 to 1900	(4)
			<u>OR</u>	
			HIST 17BH History of the United States from 1800 to 1900 - HONORS	(4)
HISTORY 17B	U.S. History	(4)	HIST 17B History of the United States From 1800 to 1900	(4)
			<u>OR</u>	
			HIST 17BH & History of the United States from 1800 to 1900 - HONORS	(4)
			HIST 17C History of the United States From 1900 to the Present	(4)
			<u>OR</u>	
			HIST 17CH History of the United States From 1900 to the Present - HONORS	(4)

ONE COURSE FROM THE FOLLOWING:

PHILOS 5	Critical Reasoning	(4)	PHIL 4	Critical Thinking	(4)
PHILOS 14	Eth Soc Prob in Soc	(4)	PHIL 17	Critical Consciousness and Social Change	(4)
				Same as: ICS 17	
PHILOS 24	Intro to Ethics	(4)	PHIL 2	Social and Political Philosophy	(4)
			OR		
			PHIL 8	Ethics	(4)

END OF MAJOR

o) Students who complete PSYC 15 or SOC 15 at DeAnza College will receive credit at UC Davis for PSYCH 41 or STATIST 13 or SOCIOL 46A, not more than one course.

====Sociology A.B. (Comparative Studies and World Development)====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

SOCIOL 1	Intro Sociology	(5)		SOC 1	Introduction to Sociology	(4)
SOCIOL 5	Global Soc Change	(4)		SOC 5	Sociology of Globalization and Social Change	(4)
					Same as: INTL 8	
				<u>OR</u>		
				INTL 8	Sociology of Globalization and Social Change	(4)
					Same as: SOC 5	
o) SOCIOL 46A	Intro Social Rsch	(4)		SOC 15	Basic Statistics and Research Methods in Social and Behavioral Sciences	(4)
					Same as: PSYC 15	
	AND			AND		
SOCIOL 46B	Intro Social Rsch	(5)		NO COMPARABLE COURSE		
ECON 1B	Princ of Macroecon	(4)		ECON 1	Principles of Macroeconomics	(4)
				<u>OR</u>		
				ECON 1H	Principles of Macroeconomics - HONORS	(4)
ANTHRO 2	Cultural Anthropology	(5)		ANTH 2	Cultural Anthropology	(4)
				<u>OR</u>		
				ANTH 2H	Cultural Anthropology - HONORS	(4)
	OR			OR		
ANTHRO 20	Comparative Cultures	(4)		NO COMPARABLE COURSE		
HISTORY 10C	World History III	(4)		HIST 3C	World History from 1750 CE to the Present	(4)
				<u>OR</u>		
				HIST 3CH	World History from 1750 CE to the Present - Honors	(4)
	OR			OR		
POL SCI 2	Intro Comp Politics	(4)		POLI 2	Comparative Politics	(4)

Course work in one modern foreign language at the two-year level, or provide proof of proficiency (27-30 quarter units).

END OF MAJOR

o) Students who complete PSYC 15 or SOC 15 at DeAnza College will receive credit at UC Davis for PSYCH 41 or STATIST 13 or SOCIOL 46A, not more than one course.

====Sociology A.B. (Law & Society)====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](http://ucdavis.edu/transfer-admission). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

SOCIOL 1	Intro Sociology	(5)		SOC 1	Introduction to Sociology	(4)
SOCIOL 3	Social Problems	(4)		SOC 20	Social Problems	(4)
	OR				OR	
SOCIOL 4	Immigrtn & Opprtnty	(4)		NO COMPARABLE COURSE		
	OR				OR	
SOCIOL 11	Sociology of Labor and Employment	(4)		NO COMPARABLE COURSE		
<hr/>						
o) SOCIOL 46A	Intro Social Rsch	(4)		SOC 15	Basic Statistics and Research Methods in Social and Behavioral Sciences	(4)
					Same as: PSYC 15	
	AND				AND	

4 QUARTER UNITS FROM THE FOLLOWING:

ANTHRO 2	Cultural Anthropology	(5)	ANTH 2	Cultural Anthropology	(4)
			<u>OR</u>		
			ANTH 2H	Cultural Anthropology - HONORS	(4)
ANTHRO 20	Comparative Cultures	(4)	NO COMPARABLE COURSE		
POL SCI 1	Amer Natl Govt	(4)	POLI 1	American Government and Politics	(4)
POL SCI 3	Internatl Relations	(4)	POLI 3	International Relations	(4)
POL SCI 4	Bas Cnpt/Pol Thry	(4)	POLI 5	Introduction to Political Thought and Theory	(4)
POL SCI 7	Law & Politics	(4)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	

4 QUARTER UNITS FROM THE FOLLOWING:

HISTORY 4A	Western Civ	(4)	HIST 6A	<u>&</u> History of Western Civilization	(4)
			HIST 6B	History of Western Civilization	(4)
			<u>OR</u>		
			HIST 6AH	History of Western Civilization - HONORS	(4)
HISTORY 4B	Western Civ	(4)	HIST 6B	History of Western Civilization	(4)
			<u>OR</u>		
			HIST 6BH	History of Western Civilization - HONORS	(4)
HISTORY 4C	Western Civ	(4)	HIST 6C	History of Western Civilization	(4)
			<u>OR</u>		
			HIST 6CH	History of Western Civilization - HONORS	(4)
HISTORY 6	Intro to Middle East	(4)	NO COMPARABLE COURSE		
HISTORY 7A	Latin America to 1700	(4)	HIST 7A	Colonial Latin American History	(4)
			Same as: ICS 38A		
			<u>OR</u>		
			ICS 38A	Colonial Latin American History	(4)
			Same as: HIST 7A		
HISTORY 7B	Latin America 1700-1900	(4)	HIST 7A	Colonial Latin American History	(4)
			Same as: ICS 38A		
			<u>OR</u>		
			ICS 38A	<u>&</u> Colonial Latin American History	(4)
			Same as: HIST 7A		
			HIST 7B	Modern Latin American History	(4)
			Same as: ICS 38B		
			<u>OR</u>		
			ICS 38B	Modern Latin American History	(4)
			Same as: HIST 7B		
HISTORY 7C	Latin America 1900-Present	(4)	HIST 7B	Modern Latin American History	(4)
			Same as: ICS 38B		
			<u>OR</u>		

			ICS 38B	Modern Latin American History	(4)
				Same as: HIST 7B	
HISTORY 8	Indian Civilization	(4)	NO COMPARABLE COURSE		
HISTORY 9A	East Asian Civ	(4)	HIST 19A	History of Asian Civilization: China and Japan (to the 19th Century)	(4)
				Same as: INTL 19A	
HISTORY 9B	East Asian Civ	(4)	HIST 19B	History of Asian Civilization: China and Japan (19th - 21st Centuries)	(4)
				Same as: INTL 19B	
HISTORY 10C	World History III	(4)	HIST 3C	World History from 1750 CE to the Present	(4)
			<u>OR</u>		
			HIST 3CH	World History from 1750 CE to the Present - Honors	(4)
HISTORY 15A	Africa to 1900	(4)	NO COURSE ARTICULATED		
HISTORY 15B	Africa Today	(4)	NO COURSE ARTICULATED		
HISTORY 17A	U.S. History	(4)	HIST 17A	History of the United States to Early National Era	(4)
			<u>OR</u>		
			HIST 17AH &	History of the United States to Early National Era - HONORS	(4)
			HIST 17B	History of the United States From 1800 to 1900	(4)
			<u>OR</u>		
			HIST 17BH	History of the United States from 1800 to 1900 - HONORS	(4)
HISTORY 17B	U.S. History	(4)	HIST 17B	History of the United States From 1800 to 1900	(4)
			<u>OR</u>		
			HIST 17BH &	History of the United States from 1800 to 1900 - HONORS	(4)
			HIST 17C	History of the United States From 1900 to the Present	(4)
			<u>OR</u>		
			HIST 17CH	History of the United States From 1900 to the Present - HONORS	(4)
<hr/>					
PHILOS 5	Critical Reasoning	(4)	PHIL 4	Critical Thinking	(4)
	<u>OR</u>			<u>OR</u>	
PHILOS 14	Eth Soc Prob in Soc	(4)	PHIL 17	Critical Consciousness and Social Change	(4)
				Same as: ICS 17	
	<u>OR</u>			<u>OR</u>	
PHILOS 24	Intro to Ethics	(4)	PHIL 2	Social and Political Philosophy	(4)
			<u>OR</u>		
			PHIL 8	Ethics	(4)
<hr/>					

END OF MAJOR

- o) Students who complete PSYC 15 or SOC 15 at DeAnza College will receive credit at UC Davis for PSYCH 41 or STATIST 13 or SOCIO 46A, not more than one course.

====Sociology A.B. (Social Services)====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). 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.

SOCIO 1	Intro Sociology	(5)		SOC 1	Introduction to Sociology	(4)

SOCIO 2	Self and Society	(4)		NO COMPARABLE COURSE		
	OR				OR	
SOCIO 3	Social Problems	(4)		SOC 20	Social Problems	(4)

o) SOCIOL 46A	Intro Social Rsch	(4)	SOC 15	Basic Statistics and Research Methods in Social and Behavioral Sciences	(4)
				Same as: PSYC 15	
	AND			AND	
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE		

PSYCH 1	General Psychology	(4)	PSYC 1	General Psychology	(4)
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6-8 QUARTER UNITS FROM THE FOLLOWING:

AF-AMST 10	Af-Am Culture & Soc	(4)	ICS 10	Introduction to African American Studies	(4)
AF-AMST 15	Intro Afro Amer Hum	(4)	NO COMPARABLE COURSE		
A A STD 1	Hist Exp Asian Am	(4)	ICS 20	Asian American Experience Past and Present	(4)
A A STD 2	Contemp Issues of Asian Americans	(4)	NO COMPARABLE COURSE		
CHICANO 10	Intro to Chic Std	(4)	ICS 30	Introduction to Chicano/a and Latino/a Studies	(4)
CHICANO 50	Chicano Culture	(4)	ICS 31	Chicano/a Culture	(4)
N A STD 1	Intro NA Studies	(4)	ICS 43	Native American History	(4)
N A STD 10	NA Experience	(4)	ICS 41	Native American Contemporary Society	(4)
SOCIOL 4	Immigrtn & Opprtnty	(4)	NO COMPARABLE COURSE		
SOCIOL 11	Sociology of Labor and Employment	(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		

END OF MAJOR

o) Students who complete PSYC 15 or SOC 15 at DeAnza College will receive credit at UC Davis for PSYCH 41 or STATIST 13 or SOCIOL 46A, not more than one course.

====Sociology-Organizational Studies A.B.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](https://ucdavis.edu/transfer-admission). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

SOCIOL 1	Intro Sociology	(5)	SOC 1	Introduction to Sociology	(4)
	AND			AND	
SOCIOL 2	Self and Society	(4)	NO COMPARABLE COURSE		
SOCIOL 4	Immigrtn & Opprtnty	(4)	NO COMPARABLE COURSE		
	OR			OR	
SOCIOL 5	Global Soc Change	(4)	SOC 5	Sociology of Globalization and Social Change	(4)
				Same as: INTL 8	
			OR		
			INTL 8	Sociology of Globalization and Social Change	(4)
				Same as: SOC 5	
	OR			OR	
SOCIOL 11	Sociology of Labor and Employment	(4)	NO COMPARABLE COURSE		
o) SOCIOL 46A	Intro Social Rsch	(4)	SOC 15	Basic Statistics and Research Methods in Social and Behavioral Sciences	(4)
				Same as: PSYC 15	
	AND			AND	
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE		
ECON 1A	Princ of Microecon	(4)	ECON 2	Principles of Microeconomics	(4)
			OR		
			ECON 2H	Principles of Microeconomics - HONORS	(4)
	AND			AND	
ECON 1B	Princ of Macroecon	(4)	ECON 1	Principles of	(4)

		Macroeconomics	
	<u>OR</u>		
ECON 1H		Principles of	(4)
		Macroeconomics - HONORS	

END OF MAJOR

- o) Students who complete PSYC 15 or SOC 15 at DeAnza College will receive credit at UC Davis for PSYCH 41 or STATIST 13 or SOCIOL 46A, not more than one course.

====Spanish A.B.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

SPANISH 1	Elementary Spanish	(5)	SPAN 1	Elementary Spanish (First Quarter)	(5)
SPANISH 2	Elementary Spanish	(5)	SPAN 2	Elementary Spanish (Second Quarter)	(5)
SPANISH 3	Elementary Spanish	(5)	SPAN 3	Elementary Spanish (Third Quarter)	(5)
SPANISH 21	Intm Spanish	(5)	SPAN 4 &	Intermediate Spanish (First Quarter)	(5)
			SPAN 5 &	Intermediate Spanish (Second Quarter)	(5)
			SPAN 6	Intermediate Spanish (Third Quarter)	(5)
SPANISH 22	Intm Spanish	(5)	SPAN 4 &	Intermediate Spanish (First Quarter)	(5)
			SPAN 5 &	Intermediate Spanish (Second Quarter)	(5)
			SPAN 6	Intermediate Spanish (Third Quarter)	(5)
SPANISH 23	Span Comp I	(4)	NO COMPARABLE COURSE		
SPANISH 24	Span Comp II	(4)	NO COMPARABLE COURSE		
	OR		OR		
SPANISH 31	Int Span Nat Spk I	(5)	NO COMPARABLE COURSE		
SPANISH 32	Int Span Nat Spk II	(5)	NO COMPARABLE COURSE		
SPANISH 33	Int Span Nat Spk III	(5)	NO COMPARABLE COURSE		

It is recommended that transfer students who have successfully completed a two-year sequence at the junior college level comparable to UC Davis Spanish 1 through 22 continue their study at UC Davis by taking Spanish 23. When available at the community college students are encouraged to complete courses comparable to Spanish 23 and 24. Students should consult a Spanish Department advisor at UC Davis upon enrollment.

LINGUIS 1	Intro Linguistics	(4)	LING 1	Introduction to Linguistics	(4)
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END OF MAJOR

====Statistics A.B.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](http://ucdavis.edu/transfer). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE.

IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

MATH 16A	Short Calculus	(3)	MATH 1A	Calculus	(5)
			<u>OR</u>		
MATH 16B	Short Calculus	(3)	MATH 1AH	Calculus - HONORS	(5)
			MATH 1B	Calculus	(5)
			<u>OR</u>		
MATH 16C	Short Calculus	(3)	MATH 1BH	Calculus - HONORS	(5)
			MATH 1C	Calculus	(5)
			<u>OR</u>		
			MATH 1CH	Calculus - HONORS	(5)
	<u>OR</u>		<u>OR</u>		
MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
	<u>OR</u>		<u>OR</u>		
MATH 21A	Calculus	(4)	MATH 1A	Calculus	(5)
			<u>OR</u>		
MATH 21B	Calculus	(4)	MATH 1AH	Calculus - HONORS	(5)
			MATH 1B	Calculus	(5)
			<u>OR</u>		
MATH 21C	Calculus	(4)	MATH 1BH	Calculus - HONORS	(5)
			MATH 1C	Calculus	(5)
			<u>OR</u>		
			MATH 1CH	Calculus - HONORS	(5)
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MATH 22A	Linear Algebra	(3)	MATH 2B	Linear Algebra	(5)
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ENG CS 32A	Intro to Programming(4)		NO COMPARABLE COURSE		
	Formerly ENG CS 10				
	<u>OR</u>		<u>OR</u>		
ENG CS 36A	Programming	(4)	CIS 22A	Beginning Programming (4.5)	
	Formerly ENG CS 30			Methodologies in C++	
			<u>OR</u>		
			CIS 26A	C as a Second (4.5)	
				Programming Language	
			<u>OR</u>		
			CIS 26B	Advanced C (4.5)	
				Programming	
			<u>OR</u>		

<p style="text-align: center;">OR</p> <p>ENG CS 36B Object-Oriented Program (4)</p> <p>Formerly ENG CS 40</p>	CIS 35A	Java Programming	(4.5)
	OR		
	CIS 36A	Introduction to Computer Programming Using Java	(4.5)
	OR		
	CIS 22B	Intermediate Programming Methodologies in C++	(4.5)
	OR		
	CIS 22BH	Intermediate Programming Methodologies in C++ - HONORS	(4.5)
	OR		
	CIS 27	Programming in C++ for C/Java Programmers	(4.5)
	OR		
	CIS 28	Object Oriented Analysis and Design	(4.5)
	OR		
	CIS 29	Advanced C++ Programming	(4.5)
	OR		
	CIS 35B	Advanced Java Programming	(4.5)
	OR		
	CIS 36B	Intermediate Problem Solving in Java	(4.5)

Please note that the community college's computer science courses may not be identical to UC Davis courses. Community college students, upon transfer to UC Davis, may need to make up any topic or language deficiencies.

STATIST 32 Gateway to Data Science (4) | NO COMPARABLE COURSE

END OF MAJOR

====Statistics B.S. (Applied Statistics Option)====

Special Advising Note:

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Transfer Admission Guarantee (TAG) Note:

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Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

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Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies 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 1A	Calculus	(5)
			<u>OR</u>		
MATH 16B	Short Calculus	(3)	MATH 1AH	Calculus - HONORS	(5)
			MATH 1B	Calculus	(5)
			<u>OR</u>		
MATH 16C	Short Calculus	(3)	MATH 1BH	Calculus - HONORS	(5)
			MATH 1C	Calculus	(5)
			<u>OR</u>		
			MATH 1CH	Calculus - HONORS	(5)
	<u>OR</u>		<u>OR</u>		
MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
	<u>OR</u>		<u>OR</u>		
MATH 21A	Calculus	(4)	MATH 1A	Calculus	(5)
			<u>OR</u>		
			MATH 1AH	Calculus - HONORS	(5)
MATH 21B	Calculus	(4)	MATH 1B	Calculus	(5)
			<u>OR</u>		
			MATH 1BH	Calculus - HONORS	(5)
MATH 21C	Calculus	(4)	MATH 1C	Calculus	(5)
			<u>OR</u>		
			MATH 1CH	Calculus - HONORS	(5)

NOTE: THE MATH 21A,B,C SERIES IS RECOMMENDED IF AVAILABLE

MATH 22A	Linear Algebra	(3)	MATH 2B	Linear Algebra	(5)
ENG CS 32A	Intro to Programming(4) Formerly ENG CS 10		NO COMPARABLE COURSE		
	<u>OR</u>		<u>OR</u>		
ENG CS 36A	Programming Formerly ENG CS 30	(4)	CIS 22A	Beginning Programming (4.5) Methodologies in C++	
			<u>OR</u>		
			CIS 26A	C as a Second Programming Language	(4.5)
			<u>OR</u>		
			CIS 26B	Advanced C Programming	(4.5)
			<u>OR</u>		
			CIS 35A	Java Programming	(4.5)
			<u>OR</u>		

<p style="text-align: center;">OR</p> <p>ENG CS 36B Object-Oriented Program (4) Formerly ENG CS 40</p>	CIS 36A	Introduction to Computer Programming Using Java	(4.5)
	OR		
	CIS 22B	Intermediate Programming Methodologies in C++	(4.5)
	OR		
	CIS 22BH	Intermediate Programming Methodologies in C++ - HONORS	(4.5)
	OR		
	CIS 27	Programming in C++ for C/Java Programmers	(4.5)
	OR		
	CIS 28	Object Oriented Analysis and Design	(4.5)
	OR		
	CIS 29	Advanced C++ Programming	(4.5)
	OR		
	CIS 35B	Advanced Java Programming	(4.5)
	OR		
	CIS 36B	Intermediate Problem Solving in Java	(4.5)

Please note that the community college's computer science courses may not be identical to UC Davis courses. Community college students, upon transfer to UC Davis, may need to make up any topic or language deficiencies.

AND ONE COURSE FROM

STATIST 12 Discrete Probabil	(4)	NO COMPARABLE COURSE	
o) STATIST 13 Elementary Statistics	(4)	MATH 10 Elementary Statistics and Probability	(5)
Same as: STATIST 13Y		OR	
		MATH 10H Elementary Statistics and Probability - HONORS	(5)
		OR	
		PSYC 15 Basic Statistics and Research Methods in Social and Behavioral Sciences	(4)
		Same as: SOC 15	
STATIST 32 Gateway to Data Science	(4)	NO COMPARABLE COURSE	

PLUS TWO INTRODUCTORY COURSES SERVING AS THE PREREQUISITE TO UPPER DIVISION COURSES IN A CHOSEN DISCIPLINE TO WHICH STATISTICS IS APPLIED.

END OF MAJOR

- o) Students who complete PSYC 15 or SOC 15 at DeAnza College will receive credit at UC Davis for PSYCH 41 or STATIST 13 or SOCIOL 46A, not more than one course.

====Statistics B.S. (Computational Statistics Option)====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

MATH 21A	Calculus	(4)	MATH 1A	Calculus	(5)
			<u>OR</u>		
			MATH 1AH	Calculus - HONORS	(5)
MATH 21B	Calculus	(4)	MATH 1B	Calculus	(5)
			<u>OR</u>		
			MATH 1BH	Calculus - HONORS	(5)
MATH 21C	Calculus	(4)	MATH 1C	Calculus	(5)
			<u>OR</u>		
			MATH 1CH	Calculus - HONORS	(5)
MATH 21D	Vector Analysis	(4)	MATH 1D	Calculus	(5)
			<u>OR</u>		
			MATH 1DH	Calculus - HONORS	(5)
MATH 22A	Linear Algebra	(3)	MATH 2B	Linear Algebra	(5)
<hr/>					
ENG CS 36C	Data Structures	(4)	CIS 22C	Data Abstraction and	(4.5)
	Formerly ENG CS 60			Structures	
			<u>OR</u>		
			CIS 22CH	Data Abstraction and	(4.5)
				Structures - HONORS	

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	
o) STATIST 13	Elementary	(4)	MATH 10	Elementary Statistics (5)
	Statistics			and Probability
Same as: STATIST 13Y			<u>OR</u>	
			MATH 10H	Elementary Statistics (5)
				and Probability -
				HONORS
			<u>OR</u>	
			PSYC 15	Basic Statistics and (4)
				Research Methods in
				Social and Behavioral
				Sciences
			Same as: SOC 15	
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE	

END OF MAJOR

- o) Students who complete PSYC 15 or SOC 15 at DeAnza College will receive credit at UC Davis for PSYCH 41 or STATIST 13 or SOCIOL 46A, not more than one course.

===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 1A	Calculus	(5)
			<u>OR</u>		
MATH 21B	Calculus	(4)	MATH 1AH	Calculus - HONORS	(5)
			MATH 1B	Calculus	(5)
			<u>OR</u>		
MATH 21C	Calculus	(4)	MATH 1BH	Calculus - HONORS	(5)
			MATH 1C	Calculus	(5)
			<u>OR</u>		
MATH 21D	Vector Analysis	(4)	MATH 1CH	Calculus - HONORS	(5)
			MATH 1D	Calculus	(5)
			<u>OR</u>		
			MATH 1DH	Calculus - HONORS	(5)
<hr/>					
MATH 22A	Linear Algebra	(3)	MATH 2B	Linear Algebra	(5)
	<u>OR</u>			<u>OR</u>	
MATH 67	Modern Linear Algebra	(4)	NO COMPARABLE COURSE		
<hr/>					
MATH 25	Advanced Calculus	(4)	NO COMPARABLE COURSE		
<hr/>					
ENG CS 32A	Intro to Programming	(4)	NO COMPARABLE COURSE		
	Formerly ENG CS 10				
	<u>OR</u>			<u>OR</u>	
ENG CS 36A	Programming	(4)	CIS 22A	Beginning Programming	(4.5)
	Formerly ENG CS 30			Methodologies in C++	
			<u>OR</u>		
			CIS 26A	C as a Second	(4.5)
				Programming Language	
			<u>OR</u>		
			CIS 26B	Advanced C	(4.5)
				Programming	
			<u>OR</u>		
			CIS 35A	Java Programming	(4.5)
			<u>OR</u>		
			CIS 36A	Introduction to	(4.5)
				Computer Programming	
				Using Java	
	<u>OR</u>			<u>OR</u>	
ENG CS 36B	Object-Oriented Program	(4)	CIS 22B	Intermediate	(4.5)
	Formerly ENG CS 40			Programming	
				Methodologies in C++	
			<u>OR</u>		
			CIS 22BH	Intermediate	(4.5)
				Programming	
				Methodologies in C++	
				- HONORS	
			<u>OR</u>		
			CIS 27	Programming in C++	(4.5)
				for C/Java	
				Programmers	
			<u>OR</u>		
			CIS 28	Object Oriented	(4.5)
				Analysis and Design	

	<u>OR</u>		
CIS 29	Advanced C++ Programming	(4.5)	
	<u>OR</u>		
CIS 35B	Advanced Java Programming	(4.5)	
	<u>OR</u>		
CIS 36B	Intermediate Problem Solving in Java	(4.5)	

Please note that the community college's computer science courses may not be identical to UC Davis courses. Community college students, upon transfer to UC Davis, may need to make up any topic or language deficiencies.

AND ONE COURSE FROM

o) STATIST 13	Elementary Statistics	(4)	MATH 10	Elementary Statistics and Probability	(5)
Same as: STATIST 13Y					
			<u>OR</u>		
			MATH 10H	Elementary Statistics and Probability - HONORS	(5)
			<u>OR</u>		
			PSYC 15	Basic Statistics and Research Methods in Social and Behavioral Sciences	(4)
			Same as: SOC 15		
STATIST 12	Discrete Probability	(4)	NO COMPARABLE COURSE		
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		

====Statistics B.S. (Statistical Data Science Track)====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](http://ucdavis.edu/transfer). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE.

IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies 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 1A	Calculus	(5)
			<u>OR</u>		
			MATH 1AH	Calculus - HONORS	(5)
MATH 21B	Calculus	(4)	MATH 1B	Calculus	(5)
			<u>OR</u>		
			MATH 1BH	Calculus - HONORS	(5)
MATH 21C	Calculus	(4)	MATH 1C	Calculus	(5)
			<u>OR</u>		
			MATH 1CH	Calculus - HONORS	(5)
MATH 21D	Vector Analysis	(4)	MATH 1D	Calculus	(5)
			<u>OR</u>		
			MATH 1DH	Calculus - HONORS	(5)
MATH 22A	Linear Algebra	(3)	MATH 2B	Linear Algebra	(5)

ENG CS 32A	Intro to Programming(4)		NO COMPARABLE COURSE		
	Formerly ENG CS 10				
	<u>OR</u>				
ENG CS 36A	Programming	(4)	CIS 22A	Beginning Programming	(4.5)
	Formerly ENG CS 30			Methodologies in C++	
			<u>OR</u>		
			CIS 26A	C as a Second	(4.5)
				Programming Language	
			<u>OR</u>		
			CIS 26B	Advanced C	(4.5)
				Programming	
			<u>OR</u>		
			CIS 35A	Java Programming	(4.5)
			<u>OR</u>		
			CIS 36A	Introduction to	(4.5)
				Computer Programming	
				Using Java	
	<u>OR</u>			<u>OR</u>	
ENG CS 36B	Object-Oriented Program	(4)	CIS 22B	Intermediate	(4.5)
	Formerly ENG CS 40			Programming	
				Methodologies in C++	
			<u>OR</u>		
			CIS 22BH	Intermediate	(4.5)
				Programming	
				Methodologies in C++	
				- HONORS	
			<u>OR</u>		
			CIS 27	Programming in C++	(4.5)
				for C/Java	
				Programmers	
			<u>OR</u>		
			CIS 28	Object Oriented	(4.5)

					Analysis and Design	
			<u>OR</u>			
		CIS 29		Advanced C++ Programming	(4.5)	
			<u>OR</u>			
		CIS 35B		Advanced Java Programming	(4.5)	
			<u>OR</u>			
		CIS 36B		Intermediate Problem Solving in Java	(4.5)	

STATIST 12	Discrete Probabil	(4)		NO COMPARABLE COURSE		
	<u>OR</u>			<u>OR</u>		
o) STATIST 13	Elementary Statistics	(4)		MATH 10 Elementary Statistics and Probability	(5)	
Same as: STATIST 13Y						
			<u>OR</u>			
				MATH 10H Elementary Statistics and Probability - HONORS	(5)	
			<u>OR</u>			
				PSYC 15 Basic Statistics and Research Methods in Social and Behavioral Sciences	(4)	
				Same as: SOC 15		
	<u>OR</u>			<u>OR</u>		
STATIST 32	Gateway to Data Science	(4)		NO COMPARABLE COURSE		

END OF MAJOR

- o) Students who complete PSYC 15 or SOC 15 at DeAnza College will receive credit at UC Davis for PSYCH 41 or STATIST 13 or SOCIOL 46A, not more than one course.

====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](http://tag.ucdavis.edu) for details. UC Davis requires that students complete the minimum transfer admission requirement by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE.

IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College of Agricultural and Environmental Sciences (A&ES) General Education (GE) English Composition Requirement for the Bachelor's Degree:

The College of A&ES English Composition requirement for the Bachelor's degree is an element of the UC Davis General Education (GE) pattern. This GE requirement may be satisfied by completing either two courses emphasizing written expression OR one course emphasizing written expression and one course emphasizing oral expression, with a grade of C- (or P) or better. The following UC Davis lower-division courses are among those that have been approved to satisfy this requirement: English 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (emphasis in either writing or speaking skills). The English Composition requirement may also be met by achieving a score of 4 or 5 on the Advanced Placement (AP) English examination PLUS completing any previously listed course, EXCEPT English 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC transfer students who have successfully completed the IGETC lower-division coursework are exempt from all GE requirements that may be met with lower-division courses. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer admission. See the [UC Transfer Admission website](#). The courses used for the A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

COMUNCN 1	Intro Public Spkg	(4)	COMM 1 Public Speaking	(5)
			OR	
			COMM 1H Public Speaking - HONORS	(5)
<hr/>				
PL SCI 15	Intro Sustainable Agriculture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
<hr/>				
CM&RGDE 20	Food Systems	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation	

PL PATH 40	Edible Mushroom Cult	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
OR			OR
PL SCI 49	Org Crop Prod Prac	(3)	NO COMPARABLE COURSE

Select one of the following courses:

AN SCI 41L	Domest An Prod Lab	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
AN SCI 49A	Animal Prac/Aquaculture	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
AN SCI 49B	Animal Prac/Beef	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
AN SCI 49C	Animal Prac/Dairy	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
AN SCI 49D	Animal Prac/Goats	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
AN SCI 49E	Animal Prac/Horses	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
AN SCI 49F	Animal Prac/Lab Animals	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
AN SCI 49G	Animal Prac/Meats	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
AN SCI 49H	Animal Prac/Poultry	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
AN SCI 49I	Animal Prac/Sheep	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
AN SCI 49J	Animal Prac/Swine	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation

ABIOSYT 49	Fld Equip Oper	(2)	NO COMPARABLE COURSE
OR			OR
ABIOSYT 52	Field Equip Welding	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation

PLUS CHOOSE ONE OF THE FOLLOWING THREE TRACKS:

TRACK I: AGRICULTURE AND ECOLOGY

MATH 16A	Short Calculus	(3)	MATH 1A	Calculus	(5)
			OR		
MATH 16B	Short Calculus	(3)	MATH 1AH	Calculus - HONORS	(5)
			MATH 1B	Calculus	(5)
			OR		
			MATH 1BH	Calculus - HONORS	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)

PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE
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BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 6C	Evolution and Ecology	(6)
			OR		
			BIOL 6CH	Ecology and Evolution - HONORS	(6)

PL SCI 2	Bot Physio Cul Plt	(4)	NO COMPARABLE COURSE
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AN SCI 1	Domest Ani & People	(4)	NO COMPARABLE COURSE
OR			OR
AN SCI 2	Intro Animal Sci	(4)	NO COMPARABLE COURSE

FD S&T 1	Food Sci Principles	(3)	NO COMPARABLE COURSE
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ECON 1A	Princ of Microecon	(4)	ECON 2	Principles of Microeconomics	(4)
			<u>OR</u>		
			ECON 2H	Principles of Microeconomics - HONORS	(4)

CM&RGDE 1	The Community	(4)	NO COMPARABLE COURSE		
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PHILOS 14	Eth Soc Prob in Soc	(4)	PHIL 17	Critical Consciousness and Social Change	(4)
			Same as: ICS 17		
	<u>OR</u>			<u>OR</u>	
PHILOS 15	Intro to Bioethics	(4)	NO COMPARABLE COURSE		
	<u>OR</u>			<u>OR</u>	
PHILOS 24	Intro to Ethics	(4)	PHIL 2	Social and Political Philosophy	(4)
			<u>OR</u>		
			PHIL 8	Ethics	(4)

ANTHRO 2	Cultural Anthropology	(5)	ANTH 2	Cultural Anthropology	(4)
			<u>OR</u>		
			ANTH 2H	Cultural Anthropology - HONORS	(4)
	<u>OR</u>			<u>OR</u>	
POL SCI 4	Bas Cnpt/Pol Thry	(4)	POLI 5	Introduction to Political Thought and Theory	(4)
	<u>OR</u>			<u>OR</u>	
SOCIOL 1	Intro Sociology	(5)	SOC 1	Introduction to Sociology	(4)
	<u>OR</u>			<u>OR</u>	
SOCIOL 3	Social Problems	(4)	SOC 20	Social Problems	(4)

TRACK II: FOOD AND SOCIETY

PHILOS 5	Critical Reasoning	(4)	PHIL 4	Critical Thinking	(4)
	<u>OR</u>			<u>OR</u>	
PHILOS 31	Scientific Reason	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

PHILOS 14	Eth Soc Prob in Soc	(4)	PHIL 17	Critical Consciousness and Social Change	(4)
			Same as: ICS 17		
	<u>OR</u>			<u>OR</u>	
PHILOS 15	Intro to Bioethics	(4)	NO COMPARABLE COURSE		
	<u>OR</u>			<u>OR</u>	
PHILOS 24	Intro to Ethics	(4)	PHIL 2	Social and Political Philosophy	(4)
			<u>OR</u>		
			PHIL 8	Ethics	(4)

SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE		
	<u>OR</u>			<u>OR</u>	
o) STATIST 13	Elementary Statistics	(4)	MATH 10	Elementary Statistics and Probability	(5)
Same as: STATIST 13Y			<u>OR</u>		
			MATH 10H	Elementary Statistics and Probability - HONORS	(5)
			<u>OR</u>		
			PSYC 15	Basic Statistics and Research Methods in Social and Behavioral Sciences	(4)

Same as: SOC 15

CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
BIOLSCI 10	Everyday Biology	(4)	BIOL 10	Introductory Biology	(5)
			<u>OR</u>		
			BIOL 10H	Introductory Biology - HONORS	(5)
PL SCI 2	Bot Physio Cul Plt	(4)	NO COMPARABLE COURSE		
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 6C	Evolution and Ecology	(6)
			<u>OR</u>		
			BIOL 6CH	Ecology and Evolution - HONORS	(6)
			<u>OR</u>		
ENV S&P 1	Env Analysis	(4)	NO COMPARABLE COURSE		
			<u>OR</u>		
ENV S&P 30	Global Ecosystem	(3)	ESCI 20	Introduction to Biodiversity	(5)
	Same as: ENV SC&M 30				
			<u>OR</u>		
W&F BIO 10	Wildl Ecol Conserve	(4)	NO COMPARABLE COURSE		
			<u>OR</u>		
W&F BIO 51	Intro to Conservation Biology	(3)	ESCI 30	Conservation Biology	(5)
FD S&T 1	Food Sci Principles	(3)	NO COMPARABLE COURSE		
SOILSCI 10	Soils in Our Environment	(3)	NO COMPARABLE COURSE		
ECON 1A	Princ of Microecon	(4)	ECON 2	Principles of Microeconomics	(4)
			<u>OR</u>		
			ECON 2H	Principles of Microeconomics - HONORS	(4)
POL SCI 4	Bas Cnpt/Pol Thry	(4)	POLI 5	Introduction to Political Thought and Theory	(4)
ANTHRO 2	Cultural Anthropology	(5)	ANTH 2	Cultural Anthropology	(4)
			<u>OR</u>		
			ANTH 2H	Cultural Anthropology - HONORS	(4)
			<u>OR</u>		
SOCIOL 1	Intro Sociology	(5)	SOC 1	Introduction to Sociology	(4)
			<u>OR</u>		
SOCIOL 3	Social Problems	(4)	SOC 20	Social Problems	(4)
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 1A	Calculus	(5)
			<u>OR</u>		
			MATH 1AH	Calculus - HONORS	(5)
MATH 16B	Short Calculus	(3)	MATH 1B	Calculus	(5)
			<u>OR</u>		
			MATH 1BH	Calculus - HONORS	(5)
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE		

OR			OR		
o) STATIST 13	Elementary Statistics	(4)	MATH 10	Elementary Statistics and Probability	(5)
Same as: STATIST 13Y			OR		
			MATH 10H	Elementary Statistics and Probability - HONORS	(5)
			OR		
			PSYC 15	Basic Statistics and Research Methods in Social and Behavioral Sciences	(4)
			Same as: SOC 15		

CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)

BIOLSCI 10	Everyday Biology	(4)	BIOL 10	Introductory Biology	(5)
			OR		
			BIOL 10H	Introductory Biology - HONORS	(5)

PL SCI 2	Bot Physio Cul Plt	(4)	NO COMPARABLE COURSE		

BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 6C	Evolution and Ecology	(6)
			OR		
			BIOL 6CH	Ecology and Evolution - HONORS	(6)
ENV S&P 1	OR Env Analysis	(4)	OR NO COMPARABLE COURSE		
ENV S&P 30	OR Global Ecosystem	(3)	OR NO COMPARABLE COURSE		
Same as: ENV SC&M 30			ESCI 20	Introduction to Biodiversity	(5)
W&F BIO 10	OR Wildl Ecol Conserve	(4)	OR NO COMPARABLE COURSE		
W&F BIO 51	OR Intro to Conservation Biology	(3)	ESCI 30	Conservation Biology	(5)

FD S&T 1	Food Sci Principles	(3)	NO COMPARABLE COURSE		

SOILSCI 10	Soils in Our Environment	(3)	NO COMPARABLE COURSE		

ECON 1A	Princ of Microecon	(4)	ECON 2	Principles of Microeconomics	(4)
			OR		
			ECON 2H	Principles of Microeconomics - HONORS	(4)
ECON 1B	Princ of Macroecon	(4)	ECON 1	Principles of Macroeconomics	(4)
			OR		
			ECON 1H	Principles of Macroeconomics - HONORS	(4)

POL SCI 4	Bas Cnpt/Pol Thry	(4)	POLI 5	Introduction to Political Thought and Theory	(4)

ANTHRO 2	Cultural Anthropology	(5)	ANTH 2	Cultural Anthropology	(4)
			OR		
			ANTH 2H	Cultural Anthropology - HONORS	(4)
OR			OR		

SOCIOL 1	Intro Sociology	(5)	SOC 1	Introduction to Sociology	(4)
	OR			OR	
SOCIOL 3	Social Problems	(4)	SOC 20	Social Problems	(4)

CM&RGDE 1	The Community	(4)	NO COMPARABLE COURSE		

PHILOS 14	Eth Soc Prob in Soc	(4)	PHIL 17	Critical Consciousness and Social Change	(4)
			Same as: ICS 17		
	OR			OR	
PHILOS 15	Intro to Bioethics	(4)	NO COMPARABLE COURSE		
	OR			OR	
PHILOS 24	Intro to Ethics	(4)	PHIL 2	Social and Political Philosophy	(4)
			OR		
			PHIL 8	Ethics	(4)

END OF MAJOR

o) Students who complete PSYC 15 or SOC 15 at DeAnza College will receive credit at UC Davis for PSYCH 41 or STATIST 13 or SOCIOL 46A, not more than one course.

====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.

English Composition Requirement for the Bachelor's Degree:

The College of A&ES English Composition requirement for the Bachelor's degree is an element of the UC Davis General Education (GE) pattern. This GE requirement may be satisfied by completing either two courses emphasizing written expression OR one course emphasizing written expression and one course emphasizing oral expression, with a grade of C- (or P) or better. The following UC Davis lower-division courses are among those that have been approved to satisfy this requirement: English 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (emphasis in either writing or speaking skills). The English Composition requirement may also be met by achieving a score of 4 or 5 on the Advanced Placement (AP) English examination PLUS completing any previously listed course, EXCEPT English 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC transfer students who have successfully completed the IGETC lower-division coursework are exempt from all GE requirements that may be met with lower-division courses. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer admission. See the [UC Transfer Admission website](#). The courses used for the A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

COMUNCN 1	Intro Public Spkg	(4)	COMM 1	Public Speaking	(5)
				OR	
			COMM 1H	Public Speaking - HONORS	(5)
<hr/>					
ENGLISH 3	Intro to Lit	(4)	EWRT 1C	Literature and Composition	(5)
	OR			OR	
d) UWRITING 1	Expository Writing	(4)	EWRT 1A	Composition and Reading	(5)
			OR		
			EWRT 1AH	Composition and Reading - HONORS	(5)
			OR		
			EWRT 1B	Reading, Writing and Research	(5)
			OR		
			EWRT 1BH	Reading, Writing and Research - HONORS	(5)
	OR			OR	
UWRITING 48	Style in the Essay	(4)	NO COMPARABLE COURSE		
	Formerly UWRITING 18				
	OR			OR	

UWRITING 49 Writing Research Papers Formerly UWRITING 19	(4)	EWRT 1B	Reading, Writing and Research	(5)
		<u>OR</u>		
		EWRT 2	Critical Reading, Writing and Thinking	(5)
		<u>OR</u>		
		EWRT 2H	Critical Reading, Writing and Thinking - HONORS	(5)
<hr/>				
BIOLSCI 2B Intro Biology: Ecology & Evolution	(5)	BIOL 6C	Evolution and Ecology	(6)
		<u>OR</u>		
		BIOL 6CH	Ecology and Evolution - HONORS	(6)

ALL OF THE FOLLOWING COURSES:

LND ARC 1 Intro Environ Design	(4)	NO COMPARABLE COURSE
LND ARC 2 Place,Culture,Community	(4)	NO COMPARABLE COURSE
LND ARC 3 Sustainable Development	(4)	NO COMPARABLE COURSE
LND ARC 21 Landscape Rep I Formerly Design Visualization	(4)	NO COMPARABLE COURSE
LND ARC 30 History Environ Design	(4)	NO COMPARABLE COURSE
LND ARC 50 Site Ecology	(4)	NO COMPARABLE COURSE
LND ARC 70 Intro to Spacemaking	(4)	NO COMPARABLE COURSE

AND ONE COURSE IN A PHYSICAL SCIENCE

END OF MAJOR

d) If a student takes EWRT 1B at DeAnza College, credit will be given for UC Davis's UWP 1 or 19, not both.

====Textiles and Clothing B.S. (Marketing/Economics)====

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

The undergraduate major Textiles and Clothing in the College of Agricultural and Environmental Sciences is suspended for 2019-20, and fall 2019 TAGs will not be available.

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is highly recommended that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. See the [UC Transfer Admission website](http://ucdavis.edu/transfer) for details. UC Davis requires that students complete the minimum transfer admission requirement by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College of Agricultural and Environmental Sciences (A&ES) General Education (GE) English Composition Requirement for the Bachelor's Degree:

The College of A&ES English Composition requirement for the Bachelor's degree is an element of the UC Davis General Education (GE) pattern. This GE requirement may be satisfied by completing either two courses emphasizing written expression OR one course emphasizing written expression and one course emphasizing oral expression, with a grade of C- (or P) or better. The following UC Davis lower-division courses are among those that have been approved to satisfy this requirement: English 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (emphasis in either writing or speaking skills). The English Composition requirement may also be met by achieving a score of 4 or 5 on the Advanced Placement (AP) English examination PLUS completing any previously listed course, EXCEPT English 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC transfer students who have successfully completed the IGETC lower-division coursework are exempt from all GE requirements that may be met with lower-division courses. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer admission. See the [UC Transfer Admission website](#). The courses used for the A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

PL SCI 21	Computers in Technology	(3)	NO COMPARABLE COURSE
	OR		OR
B) ENG CS 15	Intro to Computers	(4)	NO COMPARABLE COURSE
	OR		OR
ENG CS 36A	Programming	(4)	CIS 22A Beginning Programming (4.5)

Formerly ENG CS 30

	<u>OR</u>	Methodologies in C++	
CIS 26A		C as a Second Programming Language	(4.5)
	<u>OR</u>		
CIS 26B		Advanced C Programming	(4.5)
	<u>OR</u>		
CIS 35A		Java Programming	(4.5)
	<u>OR</u>		
CIS 36A		Introduction to Computer Programming Using Java	(4.5)

Please note that the community college's computer science courses may not be identical to UC Davis courses. Community college students, upon transfer to UC Davis, may need to make up any topic or language deficiencies.

ECON 1A	Princ of Microecon	(4)	ECON 2	Principles of Microeconomics	(4)
			<u>OR</u>		
			ECON 2H	Principles of Microeconomics - HONORS	(4)
ECON 1B	Princ of Macroecon	(4)	ECON 1	Principles of Macroeconomics	(4)
			<u>OR</u>		
			ECON 1H	Principles of Macroeconomics - HONORS	(4)

4 QUARTER UNITS FROM THE FOLLOWING:

ANTHRO 2	Cultural Anthropology	(5)	ANTH 2	Cultural Anthropology	(4)
			<u>OR</u>		
			ANTH 2H	Cultural Anthropology - HONORS	(4)
			<u>OR</u>		
SCI&SOC 1	Critical Inquiry into Contemporary Issues	(4)	NO COMPARABLE COURSE		
			<u>OR</u>		
ARTHI 1A	Ancient Mediterranean Art	(4)	ARTS 2A	History of Art: Europe from Prehistory through Early Christianity	(4)
			<u>OR</u>		
ARTHI 1B	Mediev&Renaiss Art	(4)	ARTS 2B	History of Art: Europe During the Middle Ages and the Renaissance	(4)
			<u>OR</u>		
ARTHI 1C	Baroque to Modern Art	(4)	ARTS 2C	History of Art: Europe from the Baroque Period through Impressionism	(4)
			<u>OR</u>		
			ARTS 2D	History of Art: Europe and the United States from Post-Impressionism to the Present	(4)
			<u>OR</u>		
ARTHI 1D	Arts of Asia	(4)	INTL 10	History of Art (Arts of Asia)	(4)
			Same as: ARTS 2G		
			<u>OR</u>		
			ARTS 2G	History of Art: Arts of	(4)

Asia
Same as: INTL 10

ALL OF THE FOLLOWING COURSES:

PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE	
	OR		OR	
PHYSICS 10	Topics, Nonscientists	(4)	PHYS 10	Concepts of Physics (5)
PSYCH 1	General Psychology	(4)	PSYC 1	General Psychology (4)
SOCIOL 2	Self and Society	(4)	NO COMPARABLE COURSE	
o) STATIST 13	Elementary Statistics	(4)	MATH 10	Elementary Statistics (5) and Probability
Same as: STATIST 13Y			OR	
			MATH 10H	Elementary Statistics (5) and Probability - HONORS
			OR	
			PSYC 15	Basic Statistics and (4) Research Methods in Social and Behavioral Sciences
			Same as: SOC 15	
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)	ACCT 1A	Financial Accounting I (5)
MGMT 11B	Elem Accounting	(4)	ACCT 1B &	Financial Accounting II (5)
			ACCT 1C	Managerial Accounting (5)
CHEM 10	Concept of Chem	(4)	CHEM 10	Introductory Chemistry (5)
	OR		OR	
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry (5)
MATH 16A	Short Calculus	(3)	MATH 1A	Calculus (5)
			OR	
			MATH 1AH	Calculus - HONORS (5)
MATH 16B	Short Calculus	(3)	MATH 1B	Calculus (5)
			OR	
			MATH 1BH	Calculus - HONORS (5)

RESTRICTED ELECTIVES (12 QUARTER UNITS):

AGRESEC 18	Business Law	(4)	NO COMPARABLE COURSE	
DESIGN 77	Intro to Fashion Design	(4)	NO COMPARABLE COURSE	
MATH 16C	Short Calculus	(3)	MATH 1C	Calculus (5)
			OR	
			MATH 1CH	Calculus - HONORS (5)

Foreign language units may be used to satisfy any or all of the required 12 units.

END OF MAJOR

B) UCD ENG CS 15 not intended for Computer Science or Computer Science Engineering majors. Only two units of credit allowed to students who have completed PLT SCI 21.

o) Students who complete PSYC 15 or SOC 15 at DeAnza College will receive credit at UC Davis for PSYCH 41 or STATIST 13 or SOCIOL 46A, not more than

one course.

====Textiles and Clothing B.S. (Textile Science)====

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

The undergraduate major Textiles and Clothing in the College of Agricultural and Environmental Sciences is suspended for 2019-20, and fall 2019 TAGs will not be available.

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is highly recommended that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. See the [UC Transfer Admission website](#) for details. UC Davis requires that students complete the minimum transfer admission requirement by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

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College (CCC).

CCC transfer students who have successfully completed the IGETC lower-division coursework are exempt from all GE requirements that may be met with lower-division courses. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer admission. See the [UC Transfer Admission website](#). The courses used for the A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

PL SCI 21	Computers in Technology	(3)	NO COMPARABLE COURSE	
	OR		OR	
B) ENG CS 15	Intro to Computers	(4)	NO COMPARABLE COURSE	
	OR		OR	
ENG CS 36A	Programming	(4)	CIS 22A	Beginning Programming (4.5)
Formerly ENG CS 30				Methodologies in C++
			OR	
			CIS 26A	C as a Second (4.5)
				Programming Language
			OR	
			CIS 26B	Advanced C (4.5)
				Programming
			OR	
			CIS 35A	Java Programming (4.5)
			OR	
			CIS 36A	Introduction to (4.5)
				Computer Programming
				Using Java

Please note that the community college's computer science courses may not be identical to UC Davis courses. Community college students, upon transfer to UC Davis, may need to make up any topic or language deficiencies.

ECON 1A	Princ of Microecon	(4)	ECON 2	Principles of (4)
				Microeconomics
			OR	
			ECON 2H	Principles of (4)
				Microeconomics - HONORS
ECON 1B	Princ of Macroecon	(4)	ECON 1	Principles of (4)
				Macroeconomics
			OR	
			ECON 1H	Principles of (4)
				Macroeconomics - HONORS

4 QUARTER UNITS FROM THE FOLLOWING:

ANTHRO 2	Cultural Anthropology	(5)	ANTH 2	Cultural Anthropology	(4)
			<u>OR</u>		
			ANTH 2H	Cultural Anthropology - HONORS	(4)
			<u>OR</u>		
SCI&SOC 1	Critical Inquiry into Contemporary Issues	(4)	NO COMPARABLE COURSE		
			<u>OR</u>		
ARTHI 1A	Ancient Mediterranean Art	(4)	ARTS 2A	History of Art: Europe from Prehistory through Early Christianity	(4)
			<u>OR</u>		
ARTHI 1B	Mediev&Renaiss Art	(4)	ARTS 2B	History of Art: Europe During the Middle Ages and the Renaissance	(4)
			<u>OR</u>		
ARTHI 1C	Baroque to Modern Art	(4)	ARTS 2C	History of Art: Europe from the Baroque Period through Impressionism	(4)
			<u>OR</u>		
			ARTS 2D	History of Art: Europe and the United States from Post-Impressionism to the Present	(4)
			<u>OR</u>		
ARTHI 1D	Arts of Asia	(4)	INTL 10	History of Art (Arts of Asia)	(4)
				Same as: ARTS 2G	
			<u>OR</u>		
			ARTS 2G	History of Art: Arts of Asia	(4)
				Same as: INTL 10	

ALL OF THE FOLLOWING COURSES:

PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
			<u>OR</u>		
PHYSICS 10	Topics,Nonscientists	(4)	PHYS 10	Concepts of Physics	(5)
PSYCH 1	General Psychology	(4)	PSYC 1	General Psychology	(4)
SOCIOL 2	Self and Society	(4)	NO COMPARABLE COURSE		
o) STATIST 13	Elementary Statistics	(4)	MATH 10	Elementary Statistics and Probability	(5)
	Same as: STATIST 13Y		<u>OR</u>		
			MATH 10H	Elementary Statistics and Probability - HONORS	(5)
			<u>OR</u>		
			PSYC 15	Basic Statistics and Research Methods in Social and Behavioral Sciences	(4)
				Same as: SOC 15	
TEX&CL 6	Intro Textiles	(4)	NO COMPARABLE COURSE		
TEX&CL 7	Style & Cult Std	(4)	NO COMPARABLE COURSE		
TEX&CL 8	Textile Apparel Ind	(4)	NO COMPARABLE COURSE		
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)

CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE	
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE	
<hr/>				
MATH 16A	Short Calculus	(3)	MATH 1A	Calculus (5)
			<u>OR</u>	
			MATH 1AH	Calculus - HONORS (5)
<hr/>				
<u>RESTRICTED ELECTIVES (16 QUARTER UNITS):</u>				
AGRESEC 18	Business Law	(4)	NO COMPARABLE COURSE	
CHEM 2C	Genl Chemistry	(5)	CHEM 1C	General Chemistry and Qualitative Analysis (5)
CHEM 128A	Organic Chemistry	(3)	CHEM 12A	Organic Chemistry (5)
CHEM 128B	Organic Chemistry	(3)	CHEM 12B	Organic Chemistry (5)
CHEM 128C	Organic Chemistry	(3)	CHEM 12C	Organic Chemistry (5)
DESIGN 77	Intro to Fashion Design	(4)	NO COMPARABLE COURSE	
MGMT 11A	Elem Accounting	(4)	ACCT 1A	Financial Accounting I (5)
MGMT 11B	Elem Accounting	(4)	ACCT 1B &	Financial Accounting II (5)
			ACCT 1C	Managerial Accounting (5)
MATH 16B	Short Calculus	(3)	MATH 1B	Calculus (5)
			<u>OR</u>	
			MATH 1BH	Calculus - HONORS (5)
MATH 16C	Short Calculus	(3)	MATH 1C	Calculus (5)
			<u>OR</u>	
			MATH 1CH	Calculus - HONORS (5)
SOCIOL 25	Popular Culture	(4)	NO COMPARABLE COURSE	
Foreign language units may be used to satisfy any or all of the required 16 units.				

END OF MAJOR

- B) **UCD ENG CS 15 not intended for Computer Science or Computer Science Engineering majors. Only two units of credit allowed to students who have completed PLT SCI 21.**
- o) Students who complete PSYC 15 or SOC 15 at DeAnza College will receive credit at UC Davis for PSYCH 41 or STATIST 13 or SOCIOL 46A, not more than one course.

====Theatre and Dance A.B.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation.

Transfer students must also meet UC transfer admission requirements. For details, see the UC Davis [transfer admission webpage](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration, it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

All students completing a major in theatre and dance must participate in dramatic productions, including work in at least two of the following three areas: acting/dance; design (scenic, costume, lighting, painting, props, sound); directing/playwriting/stage management and crew assignments. Transfer students should see the major advisor at UC Davis for an evaluation of their previous experience.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

NOTE: Lower-division preparation for the Honors A.B. major in Theatre and Dance is the same as that below.

ONE COURSE FROM THE FOLLOWING:

DRAMART 21A	Fundamentals of Act	(4)	THEA 20A &	Theory and Technique of Acting (Introduction)	(4)
			THEA 20B	Theory and Technique of Acting (Modern Period)	(4)
DRAMART 40A	Beg Modern Dance	(2)	DANC 23A &	Theory and Technique of Contemporary (Modern) Dance I	(1)
			DANC 23B	Theory and Technique of Contemporary (Modern) Dance II	(1)
DRAMART 40B	Int Modern Dance	(2)	NO COMPARABLE COURSE		
DRAMART 42A	Beg Ballet	(2)	DANC 22K	Theory and Technique of Ballet I	(1)
DRAMART 42B	Inter Ballet	(2)	DANC 22L	Theory and Technique of Ballet II	(1)

ALL OF THE FOLLOWING COURSES:

DRAMART 28	Stagecraft & Management	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
DRAMART 55	Cont Theatre Dance Perf	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
DRAMART 56A	Hist Theatre Dance I	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		

DRAMART 56B	Hist Theatre Dance II (4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
DRAMART 56C	Hist Theatre Dance III (4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

END OF MAJOR

====Viticulture and Enology B.S.====

Special Advising Note:

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

This major is selective and requires preparatory coursework for admission. Any required courses that are offered at your current campus must be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses are not offered at your college, you must complete them after enrolling at UC Davis.

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 3.00 for the group. It is required that candidates have a cumulative GPA of at least 3.00 for courses in the group below that have been completed by the time of application and maintain the GPA through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

General Chemistry 2A/B/C
Organic Chemistry 8A
Mathematics 16A
Physics 1A/B or 7A
Biological Sciences 2A

It is strongly recommended that students complete courses comparable to the following UC Davis courses; if taken, the student must have a GPA of at least 3.00 for the entire group of courses listed above and below. Courses must be taken for a letter grade, with no grade less than C:

Organic Chemistry 8B
Mathematics 16B
Plant Sciences 2

Transfer students must also meet UC transfer admission requirements. UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College of Agricultural and Environmental Sciences (A&ES) General Education (GE) English Composition Requirement for the Bachelor's Degree:

The College of A&ES English Composition requirement for the Bachelor's degree is an element of the UC Davis General Education (GE) pattern. This GE requirement may be satisfied by completing either two courses emphasizing written expression OR one course emphasizing written expression and one course emphasizing oral expression, with a grade of C- (or P) or better. The following UC Davis lower-division courses are among those that have been approved to satisfy this requirement: English 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (emphasis in either writing or speaking skills). The English Composition requirement may also be met by achieving a score of 4 or 5 on the Advanced Placement (AP) English examination PLUS completing any previously listed course, EXCEPT English 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC transfer students who have successfully completed the IGETC lower-division coursework are exempt from all GE requirements that may be met with lower-division courses. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer admission. See the [UC Transfer Admission website](#). The courses used for the A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 6B	Cell and Molecular Biology	(6)
	OR			OR	
PL SCI 2	Bot Physio Cul Plt	(4)	NO COMPARABLE COURSE		

CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1C	General Chemistry and Qualitative Analysis	(5)
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
PL SCI 21	Computers in Technology	(3)	NO COMPARABLE COURSE		

OR EQUIVALENT AND advisor APPROVAL

MATH 16A	Short Calculus	(3)	MATH 1A	Calculus	(5)
			OR		
MATH 16B	Short Calculus	(3)	MATH 1AH	Calculus - HONORS	(5)
			MATH 1B	Calculus	(5)
			OR		
			MATH 1BH	Calculus - HONORS	(5)
PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
	AND		AND		
PHYSICS 1B	Principles Physics	(3)	PHYS 2A	General Introductory Physics	(5)
	OR		OR		
PHYSICS 7A	General Physics	(4)	PHYS 2B &	General Introductory Physics	(5)
			PHYS 2C	General Introductory Physics	(5)

It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

VIT-ENO 2	Intro to Viticult	(2)	NO COMPARABLE COURSE
VIT-ENO 3	Intro Winemaking	(3)	NO COMPARABLE COURSE

END OF MAJOR

===Wildlife, Fish and Conservation Biology B.S.===

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is highly recommended that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. See the [UC Transfer Admission website](#) for details. UC Davis requires that students complete the minimum transfer admission requirement by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

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CCC transfer students who have successfully completed the IGETC lower-division coursework are exempt from all GE requirements that may be met with lower-division courses. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer admission. See the [UC Transfer Admission website](#). The courses used for the A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

d) UWRITING 1	Expository Writing	(4)	EWRT 1A	Composition and	(5)
				Reading	

			<u>OR</u>	EWRT 1AH	Composition and Reading - HONORS	(5)
			<u>OR</u>	EWRT 1B	Reading, Writing and Research	(5)
			<u>OR</u>	EWRT 1BH	Reading, Writing and Research - HONORS	(5)
	AND		AND			
COMUNCN 1	Intro Public Spkg	(4)		COMM 1	Public Speaking	(5)
					OR	
				COMM 1H	Public Speaking - HONORS	(5)
	OR		OR			
COMUNCN 3	Intprsnl Com Cmpetnce	(4)		COMM 16	Interpersonal Communication	(5)
					OR	
				COMM 16H	Interpersonal Communication - HONORS	(5)
	OR		OR			
DRAMART 10	Intro To Acting	(4)		NO COMPARABLE COURSE		
Note: Completing UWP 1 and Communication 1 will simultaneously satisfy the College requirements.						

BIOLSCI 2A	Intro Biology:Life on Earth	(5)		BIOL 6B	Cell and Molecular Biology	(6)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL 6C	Evolution and Ecology	(6)
				<u>OR</u>		
				BIOL 6CH	Ecology and Evolution - HONORS	(6)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOL 6A	Form and Function in the Biological World	(6)
				<u>OR</u>		
				BIOL 6AH	Form and Function in the Biological World - HONORS	(6)

CHEM 2A	Genl Chemistry	(5)		CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 1B	General Chemistry	(5)
CHEM 8A	Organic Chem-Brief	(2)		NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)		NO COMPARABLE COURSE		

MATH 16A	Short Calculus	(3)		MATH 1A	Calculus	(5)
				<u>OR</u>		
				MATH 1AH	Calculus - HONORS	(5)
MATH 16B	Short Calculus	(3)		MATH 1B	Calculus	(5)
				<u>OR</u>		
				MATH 1BH	Calculus - HONORS	(5)

PHYSICS 1A	Principles Physics	(3)		NO COMPARABLE COURSE		
PHYSICS 1B	Principles Physics	(3)		PHYS 2A	General Introductory Physics	(5)

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 COMPARABLE COURSE		
W&F BIO 51	Intro to Conservation Biology	(3)		ESCI 30	Conservation Biology	(5)

RECOMMENDED COURSES FOR THE WILDLIFE HEALTH AREA OF SPECIALIZATION:

CHEM 2C	Genl Chemistry	(5)		CHEM 1C	General Chemistry and Qualitative Analysis	(5)
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CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 12A	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 12B	Organic Chemistry	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 12C	Organic Chemistry	(5)
PHYSICS 7A	General Physics	(4)	PHYS 2B &	General Introductory	(5)
			Physics		
			PHYS 2C	General Introductory	(5)
			Physics		
PHYSICS 7B	General Physics	(4)	PHYS 2B &	General Introductory	(5)
			Physics		
			PHYS 2C	General Introductory	(5)
			Physics		
PHYSICS 7C	General Physics	(4)	PHYS 2B &	General Introductory	(5)
			Physics		
			PHYS 2C	General Introductory	(5)
			Physics		

END OF MAJOR

d) If a student takes EWRT 1B at DeAnza College, credit will be given for UC Davis's UWP 1 or 19, not both.

====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 1A	Calculus	(5)
			<u>OR</u>		
			MATH 1AH	Calculus - HONORS	(5)
MATH 21B	Calculus	(4)	MATH 1B	Calculus	(5)
			<u>OR</u>		
			MATH 1BH	Calculus - HONORS	(5)
MATH 21C	Calculus	(4)	MATH 1C	Calculus	(5)
			<u>OR</u>		
			MATH 1CH	Calculus - HONORS	(5)
MATH 21D	Vector Analysis	(4)	MATH 1D	Calculus	(5)
			<u>OR</u>		
			MATH 1DH	Calculus - HONORS	(5)
MATH 22A	Linear Algebra	(3)	MATH 2B	Linear Algebra	(5)
MATH 22B	Differntl Equations	(3)	MATH 2A	Differential Equations	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1C	General Chemistry and	(5)
				Qualitative Analysis	

CHEM 8A	Organic Chem-Brief	(2)		NO COMPARABLE COURSE	
CHEM 8B	Organic Chem-Brief	(4)		NO COMPARABLE COURSE	
CHEM 118A	Org Chem, Hlth & Sci	(4)		CHEM 12A	Organic Chemistry (5)
CHEM 118B	Org Chem, Hlth & Sci	(4)		CHEM 12B	Organic Chemistry (5)
CHEM 128A	Organic Chemistry	(3)		CHEM 12A	Organic Chemistry (5)
CHEM 128B	Organic Chemistry	(3)		CHEM 12B	Organic Chemistry (5)
CHEM 129A	Organic Chem Lab	(2)		CHEM 12A	Organic Chemistry (5)
PHYSICS 9A	Classical Physics	(5)		PHYS 4A	Physics for Scientists and Engineers: Mechanics (6)
PHYSICS 9B	Classical Physics	(5)		PHYS 4C	Physics for Scientists and Engineers: Fluids, Waves, Optics and Thermodynamics (6)
PHYSICS 9C	Classical Physics	(5)		PHYS 4B	Physics for Scientists and Engineers: Electricity and Magnetism (6)
PHYSICS 9D	Modern Physics	(4)		PHYS 4D	Physics for Scientists and Engineers: Modern Physics (6)
BIMEDEN 20	Fundamentals of Bioengineering	(4)		NO COMPARABLE COURSE	
ENGIN 4	Graphics in Design	(3)		NO COMPARABLE COURSE	
ENGIN 6	Engr Prob Solving	(4)		NO COMPARABLE COURSE	
ENGIN 17	Circuits I	(4)		ENGR 37	Introduction to Circuit Analysis (5)
ENGIN 35	Statics	(4)		ENGR 35	Statics (4)
ENGIN 45	Prop of Mats	(4)		NO COMPARABLE COURSE	
ENG CS 20	C Sci/Discrete Math	(4)		MATH 22	Discrete Mathematics (5)
ENG CS 36A	Programming Formerly ENG CS 30	(4)		CIS 22A	Beginning Programming Methodologies in C++ (4.5)
				<u>OR</u>	
				CIS 26A	C as a Second Programming Language (4.5)
				<u>OR</u>	
				CIS 26B	Advanced C Programming (4.5)
				<u>OR</u>	
				CIS 35A	Java Programming (4.5)
				<u>OR</u>	
				CIS 36A	Introduction to Computer Programming Using Java (4.5)

ENG CS 36B	Object-Oriented Program Formerly ENG CS 40	(4)	CIS 22B	Intermediate Programming Methodologies in C++	(4.5)
			<u>OR</u>		
			CIS 22BH	Intermediate Programming Methodologies in C++ - HONORS	(4.5)
			<u>OR</u>		
			CIS 27	Programming in C++ for C/Java Programmers	(4.5)
			<u>OR</u>		
			CIS 28	Object Oriented Analysis and Design	(4.5)
			<u>OR</u>		
			CIS 29	Advanced C++ Programming	(4.5)
			<u>OR</u>		
			CIS 35B	Advanced Java Programming	(4.5)
			<u>OR</u>		
			CIS 36B	Intermediate Problem Solving in Java	(4.5)
ENG CS 50	Machine Dependent Prog	(4)	CIS 21JA	Introduction to x86 Processor Assembly Language and Computer Architecture	(4.5)
ENG CS 36C	Data Structures Formerly ENG CS 60	(4)	CIS 22C	Data Abstraction and Structures	(4.5)
			<u>OR</u>		
			CIS 22CH	Data Abstraction and Structures - HONORS	(4.5)
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		
d) UWRITING 1	Expository Writing	(4)	EWRT 1A	Composition and Reading	(5)
			<u>OR</u>		
			EWRT 1AH	Composition and Reading - HONORS	(5)
			<u>OR</u>		
			EWRT 1B	Reading, Writing and Research	(5)
			<u>OR</u>		
			EWRT 1BH	Reading, Writing and	(5)

				Research - HONORS	
ENGLISH 3	Intro to Lit	(4)	EWRT 1C	Literature and Composition	(5)
COMUNCN 1	Intro Public Spkg	(4)	COMM 1	Public Speaking	(5)
				OR	
			COMM 1H	Public Speaking - HONORS	(5)
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	COMM 16	Interpersonal Communication	(5)
				OR	
			COMM 16H	Interpersonal Communication - HONORS	(5)
BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 6B	Cell and Molecular Biology	(6)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 6C	Evolution and Ecology	(6)
			<u>OR</u>		
			BIOL 6CH	Ecology and Evolution - HONORS	(6)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 6A	Form and Function in the Biological World	(6)
			<u>OR</u>		
			BIOL 6AH	Form and Function in the Biological World - HONORS	(6)
c) GEOLOGY 50	Physical Geology	(3)	GEOL 10	Introductory Geology	(5)
r)					
ATM SCI 60	Intro to Atmospheric Science	(4)	NO COMPARABLE COURSE		

END OF MAJOR

- d) If a student takes EWRT 1B at DeAnza College, credit will be given for UC Davis's UWP 1 or 19, not both.
- c) This course is not strictly comparable with UC Davis course but will fulfill the introductory physical geology requirement for the geology major at UC Davis.
- r) If a student takes GEOL 10 at De Anza College, credit will be given for UC Davis's GEOLOGY 1 or 50+50L, not both.