

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.

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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)		NO COMPARABLE COURSE
AF-AMST 12	Intro Afro Studies	(4)		NO COMPARABLE COURSE

ONE COURSE FROM THE FOLLOWING:

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

ONE COURSE FROM THE FOLLOWING:

ANTHRO 2	Cultural Anthropology	(5)		ANTHRO 103	Cultural Anthropology	(3)
ECON 1A	Princ of Microecon	(4)		ECON 202	Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)		ECON 201	Macroeconomics	(3)
SOCIOL 1	Intro Sociology	(5)		SOCI 101	Introduction to Sociology	(3)
POL SCI 1	Amer Natl Govt	(4)		POLISC 150	Introduction to American Government and Politics	(3)
POL SCI 2	Intro Comp Politics	(4)		POLISC 250	Comparative Government and Politics	(3)
PSYCH 1	General Psychology	(4)		PSYCH 101	Introduction to Psychology	(3)
				OR		
				PSYCH 101H	Introduction to Psychology - Honors	(3)

ONE COURSE FROM THE FOLLOWING:

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

TWO COURSES FROM THE FOLLOWING:

HISTORY 15A	Africa to 1900	(4)		NO COURSE ARTICULATED
HISTORY 15B	Africa Today	(4)		NO COURSE ARTICULATED
HISTORY 17A	U.S. History	(4)		HIST 111 United States History (3) I
HISTORY 17B	U.S. History	(4)		HIST 112 United States History (3) II

4 QUARTER UNITS FROM THE FOLLOWING:

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

END OF MAJOR

====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 111	United States History	(3)
				I		
	OR			OR		
POL SCI 1	Amer Natl Govt	(4)		POLISC 150	Introduction to	(3)
					American Government	
					and Politics	

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
ECON 1A	Princ of Microecon	(4)	ECON 202 Microeconomics (3)
ECON 1B	Princ of Macroecon	(4)	ECON 201 Macroeconomics (3)

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

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

ALL OF THE FOLLOWING COURSES:

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSCI 107 Molecular and Cellular Biology (4)
			OR
			BIOSCI 107H Molecular and Cellular Biology - Honors (4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106 Organismal and Environmental Biology (4)

CHEM 2A	Genl Chemistry	(5)	CHEM 201 General Chemistry I (6)
			OR
			CHEM 201H General Chemistry I - Honors (6)
CHEM 2B	Genl Chemistry	(5)	CHEM 201 & General Chemistry I (6)
			CHEM 202 General Chemistry II (5)

f) GEOLOGY 1	The Earth	(4)	GEOL 101 Physical Geology (3)
GEOLOGY 20	California Geology	(2)	GEOL 105 Geology of California (3)
SOILSCI 10	Soils in Our Environment	(3)	NO COMPARABLE COURSE

MATH 16A	Short Calculus	(3)	MATH 211 Calculus I (5)
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MATH 16B	Short Calculus	(3)	MATH 212	Calculus II	(5)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)

PHYSICS 7A	General Physics	(4)	PHYSIC 110	& General Physics I	(4)
			PHYSIC 111	General Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYSIC 110	& General Physics I	(4)
			PHYSIC 111	General Physics II	(4)

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

END OF MAJOR

f) **If a student takes GEOL 101 at College of the Canyons, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.**

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

Special Advising Note:

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

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College Foreign Language Requirement Note:

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

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

ONE COURSE FROM THE FOLLOWING:

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

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

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

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

AMR STD 5 Tech in Amr Lives (4) | NO COMPARABLE COURSE

AMR STD 21 Objects & Everyday Life (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation

AMR STD 25 U.S. as Business Culture (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation

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

AMR STD 55 Food in Amer Culture (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation
Same as: FD S&T 55

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

ONE COURSE FROM THE FOLLOWING:

AF-AMST 10 Af-Am Culture & Soc (4) | NO COMPARABLE COURSE

A A STD 1 Hist Exp Asian Am (4) | NO COMPARABLE COURSE

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

N A STD 1 Intro NA Studies (4) | NO COMPARABLE COURSE

ONE COURSE FROM THE FOLLOWING:

ANTHRO 2 Cultural Anthropology (5) | ANTHRO 103 Cultural Anthropology (3)

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

WOM STD 50 Intro Gender Studies (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation

ONE COURSE FROM THE FOLLOWING:

HISTORY 17A U.S. History (4) | HIST 111 United States History (3)

HISTORY 17B	U.S. History	(4)	I HIST 112	United States History	(3)
HISTORY 72A	Am Women & Gender	(4)	II NO COMPARABLE COURSE		
HISTORY 72B	Am Women & Gender	(4)	NO COMPARABLE COURSE		

ONE COURSE FROM THE FOLLOWING:

ENGLISH 3	Intro to Lit	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ENGLISH 10A	Literatures in English I: To 1700	(4)	ENGL 250	British Literature I	(3)
b) ENGLISH 10B	Literatures in English II: 1700-1900	(4)	ENGL 251	British Literature II	(3)
			<u>OR</u>		
b) ENGLISH 10C	Literatures in English III: 1900 to Present	(4)	ENGL 260	American Literature I	(3)
			ENGL 251	British Literature II	(3)
			<u>OR</u>		
FILM ST 1	Intro to Film Studies	(4)	ENGL 261	American Literature II	(3)
	Formerly Humanities 10		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

END OF MAJOR

b) If a student takes ENGL 251 at College of the Canyons, credit will be given for UC Davis's ENGLISH 10B Or ENGLISH 10C, not both; maximum credit one course at UC Davis.

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

Special Advising Note:

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

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

AP and IB examination credit policies 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)	BIOSCI 107	Molecular and Cellular Biology	(4)
			<u>OR</u>		
			BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)
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CHEM 2A	Genl Chemistry	(5)	CHEM 201	General Chemistry I	(6)
			<u>OR</u>		
			CHEM 201H	General Chemistry I -	(6)

CHEM 2B	Genl Chemistry	(5)	CHEM 201 &	Honors General Chemistry I	(6)
			CHEM 202	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 202	General Chemistry II	(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 255	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 255 &	Organic Chemistry I	(5)
			CHEM 256	Organic Chemistry II	(5)

MATH 16A	Short Calculus	(3)	MATH 211	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 212	Calculus II	(5)
MATH 16C	Short Calculus	(3)	MATH 212	Calculus II	(5)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 213	Calculus III	(5)

PHYSICS 7A	General Physics	(4)	PHYSIC 110 &	General Physics I	(4)
			PHYSIC 111	General Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYSIC 110 &	General Physics I	(4)
			PHYSIC 111	General Physics II	(4)
PHYSICS 7C	General Physics	(4)	PHYSIC 110 &	General Physics I	(4)
			PHYSIC 111	General Physics II	(4)
It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.					

STATIST 13	Elementary Statistics	(4)	MATH 140	Introductory Statistics	(4)
	Same as: STATIST 13Y				
			OR		
			MATH 140H	Introductory Statistics - Honors	(4)
			OR		
			PSYCH 104	Statistics for the Behavioral Sciences	(3)

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

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

Special Advising Note:

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

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

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

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Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer

admission. See the [UC Transfer Admission website](#). The courses used for the A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

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

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

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

AN SCI 1	Domest Ani & People	(4)		NO COMPARABLE COURSE	
AN SCI 2	Intro Animal Sci	(4)		NO COMPARABLE COURSE	
<hr/>					
BIOLSCI 2A	Intro Biology:Life on Earth	(5)		BIOSCI 107	Molecular and Cellular Biology (4)
				OR	
				BIOSCI 107H	Molecular and Cellular Biology - Honors (4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOSCI 106	Organismal and Environmental Biology (4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOSCI 106	Organismal and Environmental Biology (4)
<hr/>					
CHEM 2A	Genl Chemistry	(5)		CHEM 201	General Chemistry I (6)
				OR	
				CHEM 201H	General Chemistry I - Honors (6)
CHEM 2B	Genl Chemistry	(5)		CHEM 201 &	General Chemistry I (6)
				CHEM 202	General Chemistry II (5)
<hr/>					
CHEM 8A	Organic Chem-Brief	(2)		NO COMPARABLE COURSE	
CHEM 8B	Organic Chem-Brief	(4)		NO COMPARABLE COURSE	
<hr/>					
PL SCI 21	Computers in Technology	(3)		NO COMPARABLE COURSE	
	OR			OR	
B) ENG CS 15	Intro to Computers	(4)		NO COMPARABLE COURSE	
<hr/>					
ECON 1A	Princ of Microecon	(4)		ECON 202	Microeconomics (3)
ECON 1B	Princ of Macroecon	(4)		ECON 201	Macroeconomics (3)
<hr/>					
MGMT 11A	Elem Accounting	(4)		BUS 201 &	Principles of Accounting I (5)
				BUS 202	Principles of Accounting II (5)
MGMT 11B	Elem Accounting	(4)		NO COMPARABLE COURSE	
<hr/>					
MATH 16A	Short Calculus	(3)		MATH 211	Calculus I (5)
MATH 16B	Short Calculus	(3)		MATH 212	Calculus II (5)
MATH 16C	Short Calculus	(3)		MATH 212	Calculus II (5)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)		NO COURSE ARTICULATED:	College has not submitted course(s) for articulation
MATH 17B	Calculus for Biosci	(4)		NO COURSE ARTICULATED:	College has not

MATH 17C	Calculus for BioSci	(4)		submitted course(s) for articulation	
				NO COURSE ARTICULATED: College has not	
				submitted course(s) for articulation	
	OR			OR	
MATH 21A	Calculus	(4)		MATH 211	Calculus I (5)
MATH 21B	Calculus	(4)		MATH 212	Calculus II (5)
MATH 21C	Calculus	(4)		MATH 213	Calculus III (5)

AREAS OF SPECIALIZATION:

AQUATIC ANIMALS SPECIALIZATION

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

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

AN SCI 41	Domestic Ani Prod	(2)		NO 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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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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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)		BIOSCI 107	Molecular and Cellular Biology	(4)
				OR		
				BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOSCI 106	Organismal and Environmental Biology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOSCI 106	Organismal and Environmental Biology	(4)

CHEM 2A	Genl Chemistry	(5)		CHEM 201	General Chemistry I	(6)
				OR		
				CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)		CHEM 201 & CHEM 202	General Chemistry I & General Chemistry II	(6) (5)

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 255	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)		CHEM 255 & CHEM 256	Organic Chemistry I & Organic Chemistry II	(5) (5)

MATH 16A	Short Calculus	(3)		MATH 211	Calculus I	(5)
MATH 16B	Short Calculus	(3)		MATH 212	Calculus II	(5)
				OR		
MATH 17A	Calculus for BioSci	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
				OR		
MATH 21A	Calculus	(4)		MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)		MATH 212	Calculus II	(5)

AREAS OF SPECIALIZATION:

AQUATIC ANIMALS

AN SCI 18	Intro Aquaculture	(4)		NO COMPARABLE COURSE	
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AVIAN SCIENCES

AV SCI 13	Birds, Humans & Env	(3)		NO COMPARABLE COURSE	
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COMPANION AND CAPTIVE ANIMALS

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

EQUINE SCIENCE

AN SCI 15 Intro Horse Hub (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:

GPA and other requirements to obtain a UC Davis TAG 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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EVOLUTIONARY EMPHASIS:

ANTHRO 1	Human Evol Biol	(4)	ANTHRO 101	Physical Anthropology	(3)
			OR		
			ANTHRO 101H	Physical Anthropology - Honors	(3)
ANTHRO 2	Cultural Anthropology	(5)	ANTHRO 103	Cultural Anthropology	(3)
ANTHRO 3	Intr to Archaeology	(4)	ANTHRO 105	Introduction to Archeology	(3)

ONE COURSE FROM THE FOLLOWING:

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

ONE COURSE FROM THE FOLLOWING:

ANTHRO 13	Sci Method in Physical Anthropology	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE		
STATIST 13	Elementary Statistics	(4)	MATH 140	Introductory Statistics	(4)
	Same as: STATIST 13Y		OR		
			MATH 140H	Introductory Statistics - Honors	(4)
			OR		
			PSYCH 104	Statistics for the Behavioral Sciences	(3)
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		

SOCIOCULTURAL EMPHASIS:

ANTHRO 2	Cultural Anthropology	(5)	ANTHRO 103	Cultural Anthropology	(3)
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TWO COURSES FROM THE FOLLOWING:

ANTHRO 1	Human Evol Biol	(4)	ANTHRO 101	Physical Anthropology	(3)
			OR		
			ANTHRO 101H	Physical Anthropology - Honors	(3)
ANTHRO 3	Intr to Archaeology	(4)	ANTHRO 105	Introduction to Archeology	(3)

SELECT ONE OF THE FOLLOWING TWO OPTIONS:

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

2) Two courses from the following list:

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

END OF MAJOR

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

Special Advising Note:

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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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ANTHRO 1	Human Evol Biol	(4)	ANTHRO 101	Physical Anthropology	(3)
			<u>OR</u>		
			ANTHRO 101H	Physical Anthropology - Honors	(3)
ANTHRO 2	Cultural Anthropology	(5)	ANTHRO 103	Cultural Anthropology	(3)
ANTHRO 3	Intr to Archaeology	(4)	ANTHRO 105	Introduction to Archeology	(3)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSCI 107	Molecular and Cellular Biology	(4)
			<u>OR</u>		
			BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)
CHEM 2A	Genl Chemistry	(5)	CHEM 201	General Chemistry I	(6)
			<u>OR</u>		
			CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)	CHEM 201 & CHEM 202	General Chemistry I & General Chemistry II	(6) (5)
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
			<u>OR</u>		
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 255	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 255 & CHEM 256	Organic Chemistry I & Organic Chemistry II	(5) (5)
MATH 16A	Short Calculus	(3)	MATH 211	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 212	Calculus II	(5)
MATH 16C	Short Calculus	(3)	MATH 212	Calculus II	(5)
			<u>OR</u>		
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
			<u>OR</u>		
MATH 21A	Calculus	(4)	MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 213	Calculus III	(5)
ONE COURSE FROM THE FOLLOWING:					
ANTHRO 13	Sci Method in Physical Anthropology	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE		
STATIST 13	Elementary Statistics	(4)	MATH 140	Introductory Statistics	(4)
Same as: STATIST 13Y			<u>OR</u>		

		MATH 140H	Introductory	(4)
			Statistics - Honors	
		<u>OR</u>		
		PSYCH 104	Statistics for the	(3)
			Behavioral Sciences	
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE	

END OF MAJOR

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

Special Advising Note:

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Recommended Language Preparation Note:

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

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MATH 21A	Calculus	(4)	MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)

MATH 21C	Calculus	(4)	MATH 213	Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH 213	Calculus III	(5)
MATH 22B	Differntl Equations	(3)	MATH 215	Differential Equations	(3)
MATH 22AL	Lin Alg Comp Lab	(1)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

or equivalent basic knowledge of MATLAB.

BOTH OF THE FOLLOWING COURSES:

MATH 22A	Linear Algebra	(3)	MATH 214	Linear Algebra	(3)
AND			AND		
MATH 108	Intro Abstract Math	(4)	This course must be taken at UC Davis		

OR SELECT THE FOLLOWING COURSE:

MATH 67	Modern Linear Algebra	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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NOTE: Basic knowledge of MATLAB is required for both MATH 67 and 22A. Students can learn it on their own, enroll in Engineering 6, Mechanical Engineering 5 or in the one unit course Mathematics 22AL (may be taken concurrently).

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)	BIOSCI 107	Molecular and Cellular Biology	(4)
			OR		
			BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)
OR					
CHEM 2A	Genl Chemistry	(5)	CHEM 201	General Chemistry I	(6)
			OR		
			CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)	CHEM 201 & CHEM 202	General Chemistry I & General Chemistry II	(6) (5)
OR					
ECON 1A	Princ of Microecon	(4)	ECON 202	Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 201	Macroeconomics	(3)
OR					
PHYSICS 9A	Classical Physics	(5)	PHYSIC 220 & PHYSIC 221	Physics for Scientists and Engineers: Mechanics of Solids and Fluids & Physics for Scientists and Engineers: Electricity and Magnetism	(4) (4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern	(4)

PHYSICS 9B	Classical Physics	(5)	PHYSIC 220 &	Physics Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221 &	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
				OR	
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 9A	Classical Physics	(5)	PHYSIC 220 &	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221 &	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9B	Classical Physics	(5)	PHYSIC 220 &	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221 &	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat,	(4)

PHYSICS 9C	Classical Physics	(5)	PHYSICS 220 &	Optics and Modern Physics Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSICS 221 &	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSICS 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9D	Modern Physics	(4)	NO COMPARABLE COURSE		
	OR			OR	
PHYSICS 9HA	Honors Physics	(5)	NO COMPARABLE COURSE		
PHYSICS 9HB	Honors Physics	(5)	NO COMPARABLE COURSE		
PHYSICS 9HC	Honors Physics	(5)	NO COMPARABLE COURSE		
PHYSICS 9HD	Honors Physics	(5)	NO COMPARABLE COURSE		
PHYSICS 9HE	Honors Physics	(5)	NO COMPARABLE COURSE		

MATH 21A	Calculus	(4)	MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 213	Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH 213	Calculus III	(5)
MATH 22A	Linear Algebra	(3)	MATH 214	Linear Algebra	(3)
MATH 22B	Differntl Equations	(3)	MATH 215	Differential Equations	(3)

ATMOSPHERIC PHYSICS CONCENTRATION

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

CHEM 2A	Genl Chemistry	(5)	CHEM 201	General Chemistry I	(6)
			OR		
			CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)	CHEM 201 &	General Chemistry I	(6)
			CHEM 202	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 202	General Chemistry II	(5)
PHYSICS 40	Intr Physics Computation	(4)	NO COURSE ARTICULATED		

COMPUTATIONAL PHYSICS CONCENTRATION

ENG CS 36A	Programming	(4)	CMPSCI 111	Introduction to Computer Algorithms and Programming/JAVA	(3)
	Formerly ENG CS 30				
			OR		
			CMPSCI 235	C Programming	(3)
ENG CS 36B	Object-Oriented Program	(4)	CMPSCI 236	C++ Object Oriented Programming	(3)
	Formerly ENG CS 40				

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

GEOPHYSICS CONCENTRATION

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

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

PHYSICAL ELECTRONICS CONCENTRATION

ENGIN 17 Circuits I (4)|ENGR 153 Electrical Circuits (4)
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)	ART 110	Art History: Ancient to Medieval	(3)
ARTHI 1B	Mediev&Renaiss Art	(4)	ART 110 &	Art History: Ancient to Medieval	(3)
			ART 111	Art History: Renaissance to Modern	(3)
ARTHI 1C	Baroque to Modern Art	(4)	ART 111	Art History: Renaissance to Modern	(3)
ARTHI 1D	Arts of Asia	(4)	NO COMPARABLE COURSE		
ARTHI 1E	Islamic Art & Architecture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ARTHI 5	Visual Culture	(4)	NO COMPARABLE COURSE		
ARTHI 25	Understanding Architecture	(4)	NO COMPARABLE COURSE		

ONE ART STUDIO COURSE FROM:

ART 2	Beginning Drawing	(4)	ART 124A	Drawing I	(3)
ART 5	Beginning Sculpture	(4)	ART 235	Sculpture	(3)
ART 7	Beginning Painting	(4)	ART 227	Painting I	(3)
ART 8	Beginning Ceramic Sculpture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ART 9	Beginning Photography	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ART 11	Beginning Printmaking	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ART 12	Beginning Video	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ART 24	Intro Experimental Video and Film	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts

partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

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

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

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

FOUR COURSES FROM THE FOLLOWING:

ART 2	Beginning Drawing	(4)	ART 124A	Drawing I	(3)
ART 5	Beginning Sculpture	(4)	ART 235	Sculpture	(3)
ART 7	Beginning Painting	(4)	ART 227	Painting I	(3)
ART 8	Beginning Ceramic Sculpture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ART 9	Beginning Photography	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ART 11	Beginning Printmaking	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ART 12	Beginning Video	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

TWO LECTURE COURSES CHOSEN FROM THE FOLLOWING:

ART 24	Intro Experimental Video and Film	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ART 30	Contemp Vis Culture	(4)	NO COMPARABLE COURSE		
ARTHI 1A	Ancient Mediterranean Art	(4)	ART 110	Art History: Ancient to Medieval	(3)
ARTHI 1B	Mediev&Renaiss Art	(4)	ART 110 &	Art History: Ancient to Medieval	(3)
			ART 111	Art History: Renaissance to Modern	(3)
ARTHI 1C	Baroque to Modern Art	(4)	ART 111	Art History: Renaissance to Modern	(3)
ARTHI 1D	Arts of Asia	(4)	NO COMPARABLE COURSE		
ARTHI 1E	Islamic Art & Architecture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ARTHI 5	Visual Culture	(4)	NO COMPARABLE COURSE		
ARTHI 25	Understanding Architecture	(4)	NO COMPARABLE COURSE		

END OF MAJOR

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

Special Advising Note:

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

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

AT LEAST TWO COURSES FROM THE FOLLOWING:

AF-AMST 10	Af-Am Culture & Soc	(4)	NO COMPARABLE COURSE
AF-AMST 12	Intro Afro Studies	(4)	NO COMPARABLE COURSE
AF-AMST 15	Intro Afro Amer Hum	(4)	NO COMPARABLE COURSE
AF-AMST 16	African Verbal Arts	(4)	NO COMPARABLE COURSE
AF-AMST 17	Women in Africa	(4)	NO COMPARABLE COURSE
AF-AMST 18	Intro Caribbean Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
AF-AMST 50	Blk Images Pop Cult	(4)	NO COMPARABLE COURSE
AF-AMST 51	History Af-Amr Dance	(4)	NO COMPARABLE COURSE
AF-AMST 52	Afr Tradit Relig	(4)	NO COMPARABLE COURSE

AF-AMST 80	Black Politics	(4)	NO COMPARABLE COURSE
AMR STD 1A	Science and American Culture	(4)	NO COMPARABLE COURSE
AMR STD 1B	Relig in Am Lives	(4)	NO COMPARABLE COURSE
AMR STD 1C	American Lives	(4)	NO COMPARABLE COURSE
AMR STD 1E	Nat&Cult Amr	(4)	NO COMPARABLE COURSE
AMR STD 5	Tech in Amr Lives	(4)	NO COMPARABLE COURSE
AMR STD 10	Intro American Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AMR STD 21	Objects & Everyday Life	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AMR STD 25	U.S. as Business Culture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AMR STD 30	Amr Images Pop Cult	(4)	NO COMPARABLE COURSE
AMR STD 55	Food in Amer Culture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AMR STD 59	Music and American Culture	(4)	NO COURSE ARTICULATED: College has not submitted courses for articulation
CHICANO 10	Intro to Chic Std	(4)	NO COMPARABLE COURSE
CHICANO 21	Hlth Care Issues	(4)	NO COMPARABLE COURSE
CHICANO 30	US Poli & Chicanos	(4)	NO COMPARABLE COURSE
CHICANO 40	Comparative Health	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHICANO 50	Chicano Culture	(4)	NO COMPARABLE COURSE
CHICANO 60	Chicana and Chicano Representn in Cinema	(4)	NO COMPARABLE COURSE
CHICANO 65	New Latin American Cinema	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHICANO 70	Survey Chic Art	(4)	NO COMPARABLE COURSE
CHICANO 73	Art Expr Silk Scr	(4)	NO COMPARABLE COURSE
N A STD 1	Intro NA Studies	(4)	NO COMPARABLE COURSE
N A STD 5	Intro NA Literature	(4)	NO COMPARABLE COURSE
N A STD 7	Indig & Minority Langs	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
N A STD 10	NA Experience	(4)	NO COMPARABLE COURSE
N A STD 12	Native Amer/Indigenous Film	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
N A STD 32	NA Music & Dance	(4)	NO COMPARABLE COURSE
N A STD 33	Intro NA Art	(4)	NO COMPARABLE COURSE
N A STD 34	NA Art Workshop	(4)	NO COMPARABLE COURSE
WOM STD 20	Cult Repr of Gndr	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
WOM STD 25	Gender & Global Cinema	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
WOM STD 50	Intro Gender Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
WOM STD 60	Feminist Critiques	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
WOM STD 70	Sexual:Thry&Hist	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AT LEAST TWO COURSES FROM THE FOLLOWING METHODS COURSES:			
ANTHRO 13	Sci Method in Physical Anthropology	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ARTHI 5	Visual Culture	(4)	NO COMPARABLE COURSE
ART 10	Fine Art Appreciation	(4)	ART 205 Landmarks of Art and Visual Culture (3)
ART 30	Contemp Vis Culture	(4)	NO COMPARABLE COURSE
CHICANO 23	Qualitative Research Methods	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ENGLISH 42	Approaches to Reading	(4)	NO COMPARABLE COURSE
PHILOS 5	Critical Reasoning	(4)	PHILOS 106 Critical Reasoning (3)
N A STD 46	Orientation to Research in NAS	(4)	NO COMPARABLE COURSE

POL SCI 51	Scientific Study of Politics	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
PSYCH 41	Research Methods	(4)	PSYCH 103 Introduction to Behavioral Research	(3)
SOCIOL 46A	Intro Social Rsch	(4)	NO COMPARABLE COURSE	
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE	
STATIST 13	Elementary Statistics	(4)	MATH 140 Introductory Statistics	(4)
	Same as: STATIST 13Y			
			OR	
			MATH 140H Introductory Statistics - Honors	(4)
			OR	
			PSYCH 104 Statistics for the Behavioral Sciences	(3)

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG 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 201	General Chemistry I (6)
				<u>OR</u>	
				CHEM 201H	General Chemistry I - (6)
					Honors
CHEM 2B	Genl Chemistry	(5)		CHEM 201 &	General Chemistry I (6)
				CHEM 202	General Chemistry II (5)

ENG CS 36A	Programming	(4)		CMPSCI 111	Introduction to (3)
	Formerly ENG CS 30				Computer Algorithms and Programming/JAVA
				<u>OR</u>	
				CMPSCI 235	C Programming (3)

or a course selected with advisor's approval

MATH 21A	Calculus	(4)		MATH 211	Calculus I (5)
MATH 21B	Calculus	(4)		MATH 212	Calculus II (5)
MATH 21C	Calculus	(4)		MATH 213	Calculus III (5)
MATH 21D	Vector Analysis	(4)		MATH 213	Calculus III (5)
MATH 22A	Linear Algebra	(3)		MATH 214	Linear Algebra (3)
MATH 22B	Differntl Equations	(3)		MATH 215	Differential Equations (3)

ATM SCI 60	Intro to Atmospheric Science	(4)		NO COMPARABLE COURSE	
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PHYSICS 9A	Classical Physics	(5)	PHYSIC 220	&	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221	&	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222		Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9B	Classical Physics	(5)	PHYSIC 220	&	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221	&	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222		Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9C	Classical Physics	(5)	PHYSIC 220	&	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221	&	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222		Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
STATIST 13 Same as: STATIST 13Y	Elementary Statistics	(4)	MATH 140		Introductory Statistics	(4)
				<u>OR</u>		
			MATH 140H		Introductory Statistics - Honors	(4)
			<u>OR</u>			
			PSYCH 104		Statistics for the Behavioral Sciences	(3)

PREPARATION FOR GRADUATION:

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

END OF MAJOR

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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)	BIOSCI 107	Molecular and Cellular Biology	(4)
			<u>OR</u>		
			BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)
CHEM 2A	Genl Chemistry	(5)	CHEM 201	General Chemistry I	(6)
			<u>OR</u>		

			CHEM 201H	General Chemistry I - (6) Honors
CHEM 2B	Genl Chemistry	(5)	CHEM 201 &	General Chemistry I (6)
			CHEM 202	General Chemistry II (5)
CHEM 2C	Genl Chemistry	(5)	CHEM 202	General Chemistry II (5)
			OR	OR
CHEM 2AH	Honors Genl Chemistry	(5)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation
CHEM 2BH	Honors Genl Chemistry	(5)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation
CHEM 2CH	Honors Genl Chemistry	(5)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation

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

			OR	OR
MATH 21A	Calculus	(4)	MATH 211	Calculus I (5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II (5)

PHYSICS 7A	General Physics	(4)	PHYSIC 110 &	General Physics I (4)
			PHYSIC 111	General Physics II (4)
PHYSICS 7B	General Physics	(4)	PHYSIC 110 &	General Physics I (4)
			PHYSIC 111	General Physics II (4)
PHYSICS 7C	General Physics	(4)	PHYSIC 110 &	General Physics I (4)
			PHYSIC 111	General Physics II (4)

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

			OR	OR
PHYSICS 9A	Classical Physics	(5)	PHYSIC 220 &	Physics for Scientists and Engineers: Mechanics of Solids and Fluids (4)
			PHYSIC 221 &	Physics for Scientists and Engineers: Electricity and Magnetism (4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics (4)
PHYSICS 9B	Classical Physics	(5)	PHYSIC 220 &	Physics for Scientists and Engineers: Mechanics of Solids and Fluids (4)
			PHYSIC 221 &	Physics for Scientists and Engineers: Electricity and Magnetism (4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern (4)

PHYSICS 9C	Classical Physics	(5)	PHYSIC 220	<u>&</u>	Physics Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221	<u>&</u>	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222		Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)

CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 255		Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 255	<u>&</u>	Organic Chemistry I	(5)
			CHEM 256		Organic Chemistry II	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 256		Organic Chemistry II	(5)
	OR				OR	
CHEM 128A	Organic Chemistry	(3)	CHEM 255		Organic Chemistry I	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 255	<u>&</u>	Organic Chemistry I	(5)
			CHEM 256		Organic Chemistry II	(5)
CHEM 128C	Organic Chemistry	(3)	CHEM 256		Organic Chemistry II	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 255		Organic Chemistry I	(5)
CHEM 129B	Organic Chem Lab	(2)	CHEM 255	<u>&</u>	Organic Chemistry I	(5)
			CHEM 256		Organic Chemistry II	(5)

RECOMMENDED:

MATH 21C	Calculus	(4)	MATH 213		Calculus III	(5)
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END OF MAJOR

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

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

equivalents:

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

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

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

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

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

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)	BIOSCI 107	Molecular and Cellular Biology	(4)
			OR		
			BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)
CHEM 2A	Genl Chemistry	(5)	CHEM 201	General Chemistry I	(6)
			OR		
			CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)	CHEM 201 & CHEM 202	General Chemistry I & General Chemistry II	(6) (5)
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 255	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 255 & CHEM 256	Organic Chemistry I & Organic Chemistry II	(5) (5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 256	Organic Chemistry II	(5)
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
			OR		
MATH 21A	Calculus	(4)	MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)
PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE		
			OR		
PHYSICS 7A	General Physics	(4)	PHYSIC 110 & PHYSIC 111	General Physics I & General Physics II	(4) (4)
PHYSICS 7B	General Physics	(4)	PHYSIC 110 & PHYSIC 111	General Physics I & General Physics II	(4) (4)
PHYSICS 7C	General Physics	(4)	PHYSIC 110 & PHYSIC 111	General Physics I & General Physics II	(4) (4)

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

physics.

RECOMMENDED COURSES FOR THIS MAJOR:

CHEM 2C	Genl Chemistry	(5)		CHEM 202	General Chemistry II	(5)
MATH 17C	Calculus for BioSci	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR		
MATH 21C	Calculus	(4)		MATH 213	Calculus III	(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)	BIOSCI 107	Molecular and Cellular Biology	(4)
			<u>OR</u>		
			BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)
CHEM 2A	Genl Chemistry	(5)	CHEM 201	General Chemistry I	(6)
			<u>OR</u>		
			CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)	CHEM 201 &	General Chemistry I	(6)
			CHEM 202	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 202	General Chemistry II	(5)
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
			<u>OR</u>		
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 255	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 255 &	Organic Chemistry I	(5)
			CHEM 256	Organic Chemistry II	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 256	Organic Chemistry II	(5)

MATH 17A	Calculus for BioSci	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
MATH 17C	Calculus for BioSci	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
	OR			OR	
MATH 21A	Calculus	(4)		MATH 211	Calculus I (5)
MATH 21B	Calculus	(4)		MATH 212	Calculus II (5)

PHYSICS 7A	General Physics	(4)		PHYSIC 110 &	General Physics I (4)
				PHYSIC 111	General Physics II (4)
PHYSICS 7B	General Physics	(4)		PHYSIC 110 &	General Physics I (4)
				PHYSIC 111	General Physics II (4)
PHYSICS 7C	General Physics	(4)		PHYSIC 110 &	General Physics I (4)
				PHYSIC 111	General Physics II (4)

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

RECOMMENDED COURSES FOR THIS MAJOR:

MATH 21C	Calculus	(4)		MATH 213	Calculus III (5)
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END OF MAJOR

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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)		BIOSCI 107	Molecular and Cellular Biology	(4)
				<u>OR</u>		
				BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOSCI 106	Organismal and Environmental Biology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOSCI 106	Organismal and Environmental Biology	(4)
BIOTECH 1Y	Introduction to Biotechnology	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 2A	Genl Chemistry	(5)		CHEM 201	General Chemistry I	(6)
				<u>OR</u>		
				CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)		CHEM 201 &	General Chemistry I	(6)
				CHEM 202	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)		CHEM 202	General Chemistry II	(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 255	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)		CHEM 255 &	Organic Chemistry I	(5)
				CHEM 256	Organic Chemistry II	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)		CHEM 256	Organic Chemistry II	(5)

	OR			OR	
CHEM 128A	Organic Chemistry	(3)		CHEM 255	Organic Chemistry I (5)
CHEM 128B	Organic Chemistry	(3)		CHEM 255 &	Organic Chemistry I (5)
				CHEM 256	Organic Chemistry II (5)
CHEM 128C	Organic Chemistry	(3)		CHEM 256	Organic Chemistry II (5)
CHEM 129A	Organic Chem Lab	(2)		CHEM 255	Organic Chemistry I (5)

MATH 16A	Short Calculus	(3)		MATH 211	Calculus I (5)
MATH 16B	Short Calculus	(3)		MATH 212	Calculus II (5)

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

	OR			OR	
MATH 21A	Calculus	(4)		MATH 211	Calculus I (5)
MATH 21B	Calculus	(4)		MATH 212	Calculus II (5)

PHYSICS 7A	General Physics	(4)		PHYSIC 110 &	General Physics I (4)
				PHYSIC 111	General Physics II (4)
PHYSICS 7B	General Physics	(4)		PHYSIC 110 &	General Physics I (4)
				PHYSIC 111	General Physics II (4)

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

COURSEWORK FOR BIOINFORMATICS OPTION:

ENG CS 20	C Sci/Discrete Math	(4)		CMPSCI 256	Discrete Structures (3)
ENG CS 36A	Programming	(4)		CMPSCI 111	Introduction to (3)
Formerly ENG CS 30					Computer Algorithms and Programming/JAVA
				OR	
				CMPSCI 235	C Programming (3)

RESTRICTED ELECTIVES FOR BIOINFORMATICS OPTION:

ENG CS 36B	Object-Oriented Program	(4)		CMPSCI 236	C++ Object Oriented (3)
Formerly ENG CS 40					Programming
ENG CS 36C	Data Structures	(4)		CMPSCI 282	Advanced Data (3)
Formerly ENG CS 60					Structures
ENG CS 50	Machine Dependent Prog	(4)		NO COMPARABLE COURSE	

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)	BIOSCI 107	Molecular and Cellular Biology	(4)
			OR		
			BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)

CHEM 2A	Genl Chemistry	(5)	CHEM 201	General Chemistry I	(6)
			OR		
			CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)	CHEM 201 &	General Chemistry I	(6)
			CHEM 202	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 202	General Chemistry II	(5)

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 255	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 255 &	Organic Chemistry I	(5)
			CHEM 256	Organic Chemistry II	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 256	Organic Chemistry II	(5)

MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
			OR		
MATH 21A	Calculus	(4)	MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)

PHYSICS 7A	General Physics	(4)	PHYSIC 110 &	General Physics I	(4)
			PHYSIC 111	General Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYSIC 110 &	General Physics I	(4)
			PHYSIC 111	General Physics II	(4)
PHYSICS 7C	General Physics	(4)	PHYSIC 110 &	General Physics I	(4)
			PHYSIC 111	General Physics II	(4)

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

RECOMMENDED:

MATH 21C	Calculus	(4)	MATH 213	Calculus III	(5)
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END OF MAJOR

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

Special Advising Note:

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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 201	General Chemistry I	(6)
			<u>OR</u>		
			CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)	CHEM 201 &	General Chemistry I	(6)
			CHEM 202	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 202	General Chemistry II	(5)
			<u>OR</u>		
CHEM 2AH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 2BH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 2CH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
PHYSICS 9A	Classical Physics	(5)	PHYSIC 220 &	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221 &	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9B	Classical Physics	(5)	PHYSIC 220 &	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221 &	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9C	Classical Physics	(5)	PHYSIC 220 &	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221 &	Physics for Scientists and Engineers: Electricity and Magnetism	(4)

			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9D	Modern Physics	(4)	NO COMPARABLE COURSE		
MATH 21A	Calculus	(4)	MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 213	Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH 213	Calculus III	(5)
MATH 22A	Linear Algebra	(3)	MATH 214	Linear Algebra	(3)
MATH 22AL	Lin Alg Comp Lab	(1)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 22B	Differntl Equations	(3)	MATH 215	Differential Equations	(3)
CHEM 128A	Organic Chemistry	(3)	CHEM 255	Organic Chemistry I	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 255 &	Organic Chemistry I	(5)
			CHEM 256	Organic Chemistry II	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 255	Organic Chemistry I	(5)

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG 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 201	General Chemistry I	(6)
			<u>OR</u>		
			CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)	CHEM 201 &	General Chemistry I	(6)
			CHEM 202	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 202	General Chemistry II	(5)
	<u>OR</u>			<u>OR</u>	
CHEM 2AH	Honors Genl Chemistry	(5)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
CHEM 2BH	Honors Genl Chemistry	(5)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
CHEM 2CH	Honors Genl Chemistry	(5)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	

PHYSICS 7A	General Physics	(4)	PHYSIC 110 &	General Physics I	(4)
			PHYSIC 111	General Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYSIC 110 &	General Physics I	(4)
			PHYSIC 111	General Physics II	(4)
PHYSICS 7C	General Physics	(4)	PHYSIC 110 &	General Physics I	(4)
			PHYSIC 111	General Physics II	(4)

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

	<u>OR</u>			<u>OR</u>	
PHYSICS 9A	Classical Physics	(5)	PHYSIC 220 &	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221 &	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9B	Classical Physics	(5)	PHYSIC 220 &	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221 &	Physics for Scientists and Engineers: Electricity and	(4)

			PHYSIC 222	Magnetism Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9C	Classical Physics	(5)	PHYSIC 220 &	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221 &	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)

MATH 16A	Short Calculus	(3)	MATH 211	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 212	Calculus II	(5)
MATH 16C	Short Calculus	(3)	MATH 212	Calculus II	(5)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
MATH 17C	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
	OR			OR	
MATH 21A	Calculus	(4)	MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 213	Calculus III	(5)

CHEM 128A	Organic Chemistry	(3)	CHEM 255	Organic Chemistry I	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 255 &	Organic Chemistry I	(5)
			CHEM 256	Organic Chemistry II	(5)
CHEM 128C	Organic Chemistry	(3)	CHEM 256	Organic Chemistry II	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 255	Organic Chemistry I	(5)
CHEM 129B	Organic Chem Lab	(2)	CHEM 255 &	Organic Chemistry I	(5)
			CHEM 256	Organic Chemistry II	(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 201	General Chemistry I	(6)
			<u>OR</u>		
			CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)	CHEM 201 &	General Chemistry I	(6)
			CHEM 202	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 202	General Chemistry II	(5)
	<u>OR</u>			<u>OR</u>	
CHEM 2AH	Honors Genl Chemistry	(5)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
CHEM 2BH	Honors Genl Chemistry	(5)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
CHEM 2CH	Honors Genl Chemistry	(5)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
PHYSICS 9A	Classical Physics	(5)	PHYSIC 220 &	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221 &	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9B	Classical Physics	(5)	PHYSIC 220 &	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221 &	Physics for Scientists and	(4)

				Engineers: Electricity and Magnetism	
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9C	Classical Physics	(5)	PHYSIC 220 &	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221 &	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)

MATH 21A	Calculus	(4)	MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 213	Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH 213	Calculus III	(5)
MATH 22A	Linear Algebra	(3)	MATH 214	Linear Algebra	(3)
MATH 22AL	Lin Alg Comp Lab	(1)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 22B	Differntl Equations	(3)	MATH 215	Differential Equations	(3)
CHEM 128A	Organic Chemistry	(3)	CHEM 255	Organic Chemistry I	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 255 &	Organic Chemistry I	(5)
			CHEM 256	Organic Chemistry II	(5)
CHEM 128C	Organic Chemistry	(3)	CHEM 256	Organic Chemistry II	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 255	Organic Chemistry I	(5)
CHEM 129B	Organic Chem Lab	(2)	CHEM 255 &	Organic Chemistry I	(5)
			CHEM 256	Organic Chemistry II	(5)
CHEM 129C	Organic Chem Lab	(2)	CHEM 256	Organic Chemistry II	(5)

RECOMMENDED COURSES:

PHYSICS 9D	Modern Physics	(4)	NO COMPARABLE COURSE		
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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 201	General Chemistry I	(6)
			<u>OR</u>		
			CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)	CHEM 201 &	General Chemistry I	(6)
			CHEM 202	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 202	General Chemistry II	(5)
			<u>OR</u>		
CHEM 2AH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
CHEM 2BH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
CHEM 2CH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	

PHYSICS 7A	General Physics	(4)	PHYSIC 110 &	General Physics I	(4)
			PHYSIC 111	General Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYSIC 110 &	General Physics I	(4)
			PHYSIC 111	General Physics II	(4)
PHYSICS 7C	General Physics	(4)	PHYSIC 110 &	General Physics I	(4)
			PHYSIC 111	General Physics II	(4)

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

	<u>OR</u>			<u>OR</u>	
PHYSICS 9A	Classical Physics	(5)	PHYSIC 220 &	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221 &	Physics for	(4)

				Scientists and Engineers: Electricity and Magnetism	
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9B	Classical Physics	(5)	PHYSIC 220 &	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221 &	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9C	Classical Physics	(5)	PHYSIC 220 &	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221 &	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
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MATH 16A	Short Calculus	(3)	MATH 211	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 212	Calculus II	(5)
MATH 16C	Short Calculus	(3)	MATH 212	Calculus II	(5)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 213	Calculus III	(5)
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BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSCI 107	Molecular and Cellular Biology	(4)
			OR		
			BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)
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STATIST 13	Elementary Statistics	(4)	MATH 140	Introductory Statistics	(4)
	Same as: STATIST 13Y		OR		
			MATH 140H	Introductory	(4)

					Statistics - Honors	
				<u>OR</u>	PSYCH 104	Statistics for the Behavioral Sciences (3)
						<u>OR</u>
STATIST 32	Gateway to Data Science	(4)			NO COMPARABLE COURSE	

CHEM 118A	Org Chem, Hlth & Sci	(4)		CHEM 255	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)		CHEM 255 &	Organic Chemistry I	(5)
				CHEM 256	Organic Chemistry II	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)		CHEM 256	Organic Chemistry II	(5)
						<u>OR</u>
CHEM 128A	Organic Chemistry	(3)		CHEM 255	Organic Chemistry I	(5)
CHEM 128B	Organic Chemistry	(3)		CHEM 255 &	Organic Chemistry I	(5)
				CHEM 256	Organic Chemistry II	(5)
CHEM 128C	Organic Chemistry	(3)		CHEM 256	Organic Chemistry II	(5)
CHEM 129A	Organic Chem Lab	(2)		CHEM 255	Organic Chemistry I	(5)
CHEM 129B	Organic Chem Lab	(2)		CHEM 255 &	Organic Chemistry I	(5)
				CHEM 256	Organic Chemistry II	(5)

END OF MAJOR

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

Special Advising Note:

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

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

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

AP and IB examination credit policies 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 201	General Chemistry I	(6)
			OR		
			CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)	CHEM 201 &	General Chemistry I	(6)
			CHEM 202	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 202	General Chemistry II	(5)
	OR			OR	
CHEM 2AH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 2BH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 2CH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
PHYSICS 7A	General Physics	(4)	PHYSIC 110 &	General Physics I	(4)
			PHYSIC 111	General Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYSIC 110 &	General Physics I	(4)
			PHYSIC 111	General Physics II	(4)
PHYSICS 7C	General Physics	(4)	PHYSIC 110 &	General Physics I	(4)
			PHYSIC 111	General Physics II	(4)

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

	OR			OR	
PHYSICS 9A	Classical Physics	(5)	PHYSIC 220 &	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221 &	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9B	Classical Physics	(5)	PHYSIC 220 &	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221 &	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9C	Classical Physics	(5)	PHYSIC 220 &	Physics for Scientists and Engineers: Mechanics	(4)

				of Solids and Fluids	
			PHYSIC 221	<u>&</u> Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
<hr/>					
MATH 16A	Short Calculus	(3)	MATH 211	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 212	Calculus II	(5)
MATH 16C	Short Calculus	(3)	MATH 212	Calculus II	(5)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
MATH 17C	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
	OR			OR	
MATH 21A	Calculus	(4)	MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 213	Calculus III	(5)
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BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSCI 107	Molecular and Cellular Biology	(4)
			OR		
			BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)
<hr/>					
ENV TOX 20	Introduction to Forensic Science	(3)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
<hr/>					
STATIST 13	Elementary Statistics	(4)	MATH 140	Introductory Statistics	(4)
	Same as: STATIST 13Y		OR		
			MATH 140H	Introductory Statistics - Honors	(4)
			OR		
			PSYCH 104	Statistics for the Behavioral Sciences	(3)
	OR			OR	
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		
<hr/>					
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 255	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 255	<u>&</u> Organic Chemistry I	(5)
			CHEM 256	Organic Chemistry II	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 256	Organic Chemistry II	(5)
	OR			OR	
CHEM 128A	Organic Chemistry	(3)	CHEM 255	Organic Chemistry I	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 255	<u>&</u> Organic Chemistry I	(5)
			CHEM 256	Organic Chemistry II	(5)
CHEM 128C	Organic Chemistry	(3)	CHEM 256	Organic Chemistry II	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 255	Organic Chemistry I	(5)
CHEM 129B	Organic Chem Lab	(2)	CHEM 255	<u>&</u> Organic Chemistry I	(5)
			CHEM 256	Organic Chemistry II	(5)

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

CHICANO 10	Intro to Chic Std	(4)		NO COMPARABLE COURSE
CHICANO 50	Chicano Culture	(4)		NO COMPARABLE COURSE

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

ONE COURSE FROM THE FOLLOWING:

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

SPANISH 1	Elementary Spanish	(5)		SPAN 101 Elementary Spanish I (4)
SPANISH 2	Elementary Spanish	(5)		SPAN 101 <u>&</u> Elementary Spanish I (4)
				SPAN 102 Elementary Spanish II (4)
SPANISH 3	Elementary Spanish	(5)		SPAN 102 Elementary Spanish II (4)
	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)		NO COMPARABLE COURSE
CHICANO 50	Chicano Culture	(4)		NO COMPARABLE COURSE

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

ONE COURSE FROM THE FOLLOWING:

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

ONE COURSE FROM THE FOLLOWING:

CHICANO 23	Qualitative Research Methods	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PSYCH 41	Research Methods	(4)		PSYCH 103 Introduction to Behavioral Research (3)
SOCIOL 46A	Intro Social Rsch	(4)		NO COMPARABLE COURSE

SPANISH 1	Elementary Spanish	(5)		SPAN 101 Elementary Spanish I (4)
SPANISH 2	Elementary Spanish	(5)		SPAN 101 & Elementary Spanish I (4)
				SPAN 102 Elementary Spanish II (4)
SPANISH 3	Elementary Spanish	(5)		SPAN 102 Elementary Spanish II (4)

	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

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

Special Advising Note:

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

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

Chinese Placement Examination Note:

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

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

RECOMMENDED COURSES FOR THIS MAJOR:

CHINESE 10	Modern Lit (in Engl)	(4)	NO COMPARABLE COURSE
CHINESE 11	Gt Bks China (Engl)	(4)	NO COMPARABLE COURSE
CHINESE 50	Intro to Literature	(4)	NO COMPARABLE COURSE
	Same as: JPNESE 50		
COMPLIT 14	Intro Poetry	(3)	NO COMPARABLE COURSE
JPNESE 10	Masterworks in English	(4)	NO COMPARABLE COURSE
LINGUIS 1	Intro Linguistics	(4)	NO COMPARABLE COURSE
HISTORY 9A	East Asian Civ	(4)	NO COMPARABLE COURSE

END OF MAJOR

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

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

CINE&TS 12 Media Computation (4) |NO COURSE ARTICULATED: College has not
 Same as: ENG CS 12 |submitted course(s)for articulation

CINE&TS 20 Filmmaking Foundations (5) |NO COURSE ARTICULATED: College has not

|submitted course(s)for articulation

Select two of the following courses:

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

Select two of the following courses:

FILM ST 1	Intro to Film Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
Formerly Humanities 10			
TCULST 1	Intro Technocultural Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
TCULST 5	Media Archaeology	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

END OF MAJOR

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

Special Advising Note:

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

Transfer applicants must also complete all lower-division courses required for their specific engineering major as listed below under courses "Required for Admission" with a cumulative GPA of 3.20 or higher for those courses completed at the time of application and through the transfer academic update filing

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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)	ART 110	Art History: Ancient to Medieval	(3)
CLASSIC 1	N East/Early Gr	(4)	NO COMPARABLE COURSE		
CLASSIC 2	Anc Gr & Near East	(4)	NO COMPARABLE COURSE		
CLASSIC 3	Rome & The Mediter	(4)	NO COMPARABLE COURSE		
CLASSIC 4	Late Antiquity	(4)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
CLASSIC 10	Gr,Roman,N East Myth	(3)	NO COMPARABLE COURSE		
CLASSIC 15	Women & Gender in Classical Antiquity	(4)	NO COMPARABLE COURSE		
CLASSIC 20	Pompeii AD 79	(4)	NO COMPARABLE COURSE		
CLASSIC 25	Classical America	(4)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
CLASSIC 30	Word Roots	(3)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
CLASSIC 31	Technical Word Roots	(3)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
CLASSIC 40	Economy in Ancient Med	(4)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
CLASSIC 50	Ancient Science	(4)	NO COMPARABLE COURSE		
	Same as: SCI&TEC 50				
COMPLIT 1	Major Books-Ancient World	(4)	NO COMPARABLE COURSE		
PHILOS 21	Phil Classics: Ancient	(4)	PHILOS 110	History of Ancient Philosophy	(3)
REL STD 21	The Bible	(4)	NO COMPARABLE COURSE		
REL STD 40	New Testament	(4)	NO COMPARABLE COURSE		

END OF MAJOR

**====Classical Civilization (Classical Languages & Literature) A.B.====
Special Advising Note:**

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

Transfer students must also meet 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)		NO COURSE ARTICULATED: College has not submitted course(s)for articulation	
	OR			OR	
UWRITING 1	Expository Writing	(4)		ENGL 101	English Composition (3)
				OR	
				ENGL 101H	Honors - English (4)

			Composition		
COMUNCN 1	Intro Public Spkg	(4)	COMS 105	Fundamentals of Public Speaking	(3)
			<u>OR</u>		
			COMS 105H	Fundamentals in Public Speaking-Honors	(3)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSCI 107	Molecular and Cellular Biology	(4)
			<u>OR</u>		
			BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)
CHEM 2A	Genl Chemistry	(5)	CHEM 201	General Chemistry I	(6)
			<u>OR</u>		
			CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)	CHEM 201 & CHEM 202	General Chemistry I	(6)
CHEM 2C	Genl Chemistry	(5)	CHEM 202	General Chemistry II	(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 202	Microeconomics	(3)
	<u>OR</u>			<u>OR</u>	
ECON 1B	Princ of Macroecon	(4)	ECON 201	Macroeconomics	(3)
PSYCH 1	General Psychology	(4)	PSYCH 101	Introduction to Psychology	(3)
			<u>OR</u>		
			PSYCH 101H	Introduction to Psychology - Honors	(3)
SOCIOL 1	Intro Sociology	(5)	SOCI 101	Introduction to Sociology	(3)
	<u>OR</u>			<u>OR</u>	
SOCIOL 3	Social Problems	(4)	SOCI 207	Social Problems	(3)
	<u>OR</u>			<u>OR</u>	
ANTHRO 2	Cultural Anthropology	(5)	ANTHRO 103	Cultural Anthropology	(3)
STATIST 13	Elementary Statistics	(4)	MATH 140	Introductory Statistics	(4)
	Same as: STATIST 13Y		<u>OR</u>		
			MATH 140H	Introductory Statistics - Honors	(4)
			<u>OR</u>		
			PSYCH 104	Statistics for the Behavioral Sciences	(3)

END OF MAJOR

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

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for

the major helps students move efficiently toward graduation and significantly reduces time to degree.

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

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG 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)		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)		PHILOS 230 Symbolic Logic	(3)
PHILOS 13G	Minds, Brains Comp w/Disc	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
PSYCH 1	General Psychology	(4)		PSYCH 101 Introduction to Psychology	(3)
				OR	
				PSYCH 101H Introduction to Psychology - Honors	(3)
PSYCH 41	Research Methods	(4)		PSYCH 103 Introduction to Behavioral Research	(3)

STATIST 13	Elementary Statistics	(4)	MATH 140	Introductory Statistics	(4)
Same as: STATIST 13Y					
			<u>OR</u>		
			MATH 140H	Introductory Statistics - Honors	(4)
			<u>OR</u>		
			PSYCH 104	Statistics for the Behavioral Sciences	(3)

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

Emphasis 1: Computational

ENG CS 20	C Sci/Discrete Math	(4)	CMPSCI 256	Discrete Structures	(3)
ENG CS 32A	Intro to Programming	(4)	NO COMPARABLE COURSE		
Formerly ENG CS 10					
			<u>OR</u>		
ENG CS 36A	Programming	(4)	CMPSCI 111	Introduction to Computer Algorithms and Programming/JAVA	(3)
Formerly ENG CS 30					

			<u>OR</u>	CMPSCI 235	C Programming	(3)
ENG CS 34	UNIX & C++	(5)		NO COURSE	ARTICULATED	
	<u>OR</u>			<u>OR</u>		
ENG CS 36B	Object-Oriented Program	(4)		CMPSCI 236	C++ Object Oriented Programming	(3)
	Formerly ENG CS 40					
ENG CS 50	Machine Dependent Prog	(4)		NO COMPARABLE	COURSE	
ENG CS 32B	Intro to Data Structures	(4)				
	<u>OR</u>			<u>OR</u>		
ENG CS 36C	Data Structures	(4)		CMPSCI 282	Advanced Data Structures	(3)
	Formerly ENG CS 60					

LINGUIS 1	Intro Linguistics	(4)		NO COMPARABLE	COURSE	
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MATH 17A	Calculus for BioSci	(4)		NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)		NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
	<u>OR</u>			<u>OR</u>		
MATH 21A	Calculus	(4)		MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)		MATH 212	Calculus II	(5)

MATH 22A	Linear Algebra	(3)		MATH 214	Linear Algebra	(3)
MATH 22AL	Lin Alg Comp Lab	(1)		NO COURSE	ARTICULATED: College has not submitted course(s)for articulation	

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

PHILOS 12	Intro to Symbol Logic	(4)		PHILOS 230	Symbolic Logic	(3)
PHILOS 13G	Minds, Brains Comp w/Disc	(4)		NO COURSE	ARTICULATED:College has not submitted course(s)for articulation	

PSYCH 1	General Psychology	(4)		PSYCH 101	Introduction to Psychology	(3)
				<u>OR</u>		
				PSYCH 101H	Introduction to Psychology - Honors	(3)
PSYCH 41	Research Methods	(4)		PSYCH 103	Introduction to Behavioral Research	(3)

STATIST 13	Elementary Statistics	(4)		MATH 140	Introductory Statistics	(4)
	Same as: STATIST 13Y			<u>OR</u>		
				MATH 140H	Introductory Statistics - Honors	(4)
				<u>OR</u>		
				PSYCH 104	Statistics for the Behavioral Sciences	(3)

Emphasis 2: Neuroscience

BIOLSCI 2A	Intro Biology:Life on Earth	(5)		BIOSCI 107	Molecular and Cellular Biology	(4)
				<u>OR</u>		
				BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOSCI 106	Organismal and Environmental Biology	(4)
BIOLSCI 2C	Intro Biology:	(5)		BIOSCI 106	Organismal and	(4)

Biodiversity & the Tree
of Life

Environmental
Biology

LINGUIS 1	Intro Linguistics	(4)	NO COMPARABLE COURSE
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	OR		OR
MATH 21A	Calculus	(4)	MATH 211 Calculus I (5)
MATH 21B	Calculus	(4)	MATH 212 Calculus II (5)
MATH 21C	Calculus	(4)	MATH 213 Calculus III (5)
COG SCI 1	Intro Cognitive Science	(4)	NO COURSE ARTICULATED
	OR		OR
PHILOS 10	Intro Cognitive Science	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
PHILOS 13G	Minds, Brains Comp w/Disc	(4)	NO COURSE ARTICULATED:College has not submitted course(s)for articulation
PHYSICS 7A	General Physics	(4)	PHYSIC 110 & General Physics I (4) PHYSIC 111 General Physics II (4)
PHYSICS 7B	General Physics	(4)	PHYSIC 110 & General Physics I (4) PHYSIC 111 General Physics II (4)
PHYSICS 7C	General Physics	(4)	PHYSIC 110 & General Physics I (4) PHYSIC 111 General Physics II (4)
	OR		OR
PHYSICS 9A	Classical Physics	(5)	PHYSIC 220 & Physics for (4) Scientists and Engineers: Mechanics of Solids and Fluids PHYSIC 221 & Physics for (4) Scientists and Engineers: Electricity and Magnetism PHYSIC 222 Physics for Sci and (4) Engrs: Waves, Heat, Optics and Modern Physics
PHYSICS 9B	Classical Physics	(5)	PHYSIC 220 & Physics for (4) Scientists and Engineers: Mechanics of Solids and Fluids PHYSIC 221 & Physics for (4) Scientists and Engineers: Electricity and Magnetism PHYSIC 222 Physics for Sci and (4) Engrs: Waves, Heat, Optics and Modern Physics
PHYSICS 9C	Classical Physics	(5)	PHYSIC 220 & Physics for (4) Scientists and Engineers: Mechanics of Solids and

			PHYSIC 221 &	Fluids Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PSYCH 1	General Psychology	(4)	PSYCH 101	Introduction to Psychology	(3)
			<u>OR</u>		
			PSYCH 101H	Introduction to Psychology - Honors	(3)
PSYCH 41	Research Methods	(4)	PSYCH 103	Introduction to Behavioral Research	(3)
STATIST 13	Elementary Statistics	(4)	MATH 140	Introductory Statistics	(4)
	Same as: STATIST 13Y		<u>OR</u>		
			MATH 140H	Introductory Statistics - Honors	(4)
			<u>OR</u>		
			PSYCH 104	Statistics for the Behavioral Sciences	(3)

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG 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)	NO COMPARABLE COURSE		
	OR			OR	
LINGUIS 1	Intro Linguistics	(4)	NO COMPARABLE COURSE		
COMUNCN 1	Intro Public Spkg	(4)	COMS 105	Fundamentals of Public Speaking	(3)
			OR		
			COMS 105H	Fundamentals in Public Speaking-Honors	(3)
	OR			OR	
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	COMS 246	Interpersonal Communication	(3)
	OR			OR	
COMUNCN 5	Global English Comm	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	Same as: LINGUIS 5				
	OR			OR	
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.

PHILOS 12	Intro to Symbol Logic	(4)	PHILOS 230	Symbolic Logic	(3)
PSYCH 1	General Psychology	(4)	PSYCH 101	Introduction to Psychology	(3)
			OR		
			PSYCH 101H	Introduction to Psychology - Honors	(3)
SOCIOL 1	Intro Sociology	(5)	SOCI 101	Introduction to Sociology	(3)
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE		
	OR			OR	
STATIST 13	Elementary Statistics	(4)	MATH 140	Introductory	(4)

Same as: STATIST 13Y

		Statistics	
	<u>OR</u>		
MATH 140H		Introductory Statistics - Honors	(4)
	<u>OR</u>		
PSYCH 104		Statistics for the Behavioral Sciences	(3)

END OF MAJOR

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

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG 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)	COMS 105	Fundamentals of Public Speaking	(3)
			<u>OR</u>		
			COMS 105H	Fundamentals in Public Speaking-Honors	(3)
COMPLIT 1	Major Books-Ancient World	(4)	NO COMPARABLE COURSE		
COMPLIT 2	Major Books-Middle Ages to Enlightenment	(4)	NO COMPARABLE COURSE		
COMPLIT 3	Major Books-The Modern Crisis	(4)	NO COMPARABLE COURSE		
COMPLIT 4	Maj Books:Cont Wrld	(4)	NO COMPARABLE COURSE		
ENGLISH 3	Intro to Lit	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
N A STD 5	Intro NA Literature	(4)	NO COMPARABLE COURSE		
UWRITING 1	Expository Writing	(4)	ENGL 101	English Composition	(3)
			<u>OR</u>		
			ENGL 101H	Honors - English Composition	(4)
UWRITING 48	Style in the Essay	(4)	ENGL 103	Critical Reading, Writing and Thinking	(3)
	Formerly UWRITING 18				
UWRITING 49	Writing Research Papers	(4)	ENGL 103	Critical Reading, Writing and Thinking	(3)
	Formerly UWRITING 19				
CM&RGDE 1	The Community	(4)	NO COMPARABLE COURSE		
CM&RGDE 2	Ethnicity Amer Comm	(4)	NO COMPARABLE COURSE		
PL SCI 21	Computers in Technology	(3)	NO COMPARABLE COURSE		

B) ENG CS 15 **OR** Intro to Computers (4) | **OR** 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)	OR	ECON 202	Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)		ECON 201	Macroeconomics	(3)
ANTHRO 2	Cultural Anthropology	(5)		ANTHRO 103	Cultural Anthropology	(3)
SOCIOL 1	Intro Sociology	(5)		SOCI 101	Introduction to Sociology	(3)
STATIST 13	Elementary Statistics Same as: STATIST 13Y	(4)		MATH 140	Introductory Statistics	(4)
				MATH 140H	Introductory Statistics - Honors	(4)
				PSYCH 104	Statistics for the Behavioral Sciences	(3)
STATIST 32	Gateway to Data Science	(4)		NO COMPARABLE COURSE		
SOCIOL 46B	Intro Social Rsch	(5)		NO COMPARABLE COURSE		

END OF MAJOR

- e) If a student takes ENGL 103 at College of the Canyons, credit will be given for UC Davis's UWP 18 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.

====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](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:

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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)		NO COMPARABLE COURSE

TWO COURSES FROM THE FOLLOWING:

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

COMPLIT 1	Major Books-Ancient World	(4)		NO COMPARABLE COURSE
COMPLIT 2	Major Books-Middle Ages to Enlightenment	(4)		NO COMPARABLE COURSE
COMPLIT 3	Major Books-The Modern Crisis	(4)		NO COMPARABLE COURSE
COMPLIT 4	Maj Books:Cont Wrld	(4)		NO COMPARABLE COURSE
COMPLIT 5	Fairy Tales, Fables, Parables	(4)		NO COMPARABLE COURSE
COMPLIT 6	Myths & Legends	(4)		ENGL 271 Mythology (3)
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)		NO COMPARABLE COURSE
COMPLIT 13	Dramatic Lit	(3)		NO COMPARABLE COURSE
COMPLIT 14	Intro Poetry	(3)		NO COMPARABLE COURSE

COMPLIT 20	Humans & Natural World	(4)	NO COMPARABLE COURSE
COMPLIT 24	Animals in Literature	(4)	NO COURSE ARTICULATED:College has not submitted course(s)for articulation
COMPLIT 25	Ethnic Writers	(4)	NO COMPARABLE COURSE
COMPLIT 53A	Lit of East Asia	(4)	NO COMPARABLE COURSE
COMPLIT 53B	Lit of South Asia	(4)	NO COMPARABLE COURSE
COMPLIT 53C	Lit of the Islamic World	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

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

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

END OF MAJOR

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

Special Advising Note:

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

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

END OF MAJOR

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

Special Advising Note:

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

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

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

END OF MAJOR

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

Special Advising Note:

REQUIREMENTS FOR ADMISSION:

(for 2018-19)

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

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

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

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

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

Special Advising Note:

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

MATH 21A	Calculus	(4)	MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 213	Calculus III	(5)
<hr/>					
MATH 22A	Linear Algebra	(3)	MATH 214	Linear Algebra	(3)
	OR			OR	
MATH 67	Modern Linear Algebra	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
<hr/>					
ENG CS 20	C Sci/Discrete Math	(4)	CMPSCI 256	Discrete Structures	(3)
ENG CS 36A	Programming	(4)	CMPSCI 111	Introduction to Computer Algorithms and Programming/JAVA	(3)
	Formerly ENG CS 30				
			OR		
ENG CS 36B	Object-Oriented Program	(4)	CMPSCI 235	C Programming	(3)
	Formerly ENG CS 40		CMPSCI 236	C++ Object Oriented Programming	(3)
ENG CS 36C	Data Structures	(4)	CMPSCI 282	Advanced Data Structures	(3)
	Formerly ENG CS 60				
ENG CS 50	Machine Dependent Prog	(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.

THREE OF THE FOLLOWING COURSES:

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSCI 107	Molecular and Cellular Biology	(4)
			<u>OR</u>		
			BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)
CHEM 2A	Genl Chemistry	(5)	CHEM 201	General Chemistry I	(6)
			<u>OR</u>		
			CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)	CHEM 201 &	General Chemistry I	(6)
			CHEM 202	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 202	General Chemistry II	(5)
CHEM 2AH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 2BH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 2CH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
PHYSICS 9A	Classical Physics	(5)	PHYSIC 220 &	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221 &	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9B	Classical Physics	(5)	PHYSIC 220 &	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221 &	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9C	Classical Physics	(5)	PHYSIC 220 &	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221 &	Physics for Scientists and Engineers: Electricity and	(4)

PHYSIC 222	Magnetism Physics for Sci and (4) Engrs: Waves, Heat, Optics and Modern Physics
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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)		ART 124A	Drawing I (3)
	OR				OR
DESIGN 21	Drafting and Perspective	(4)		NO COMPARABLE COURSE	

DESIGN 15	Form & Color	(4)	ART 140	Beginning Design: Two-Dimensional Media	(3)
	AND			AND	
DESIGN 16	Graphics & The Computer	(4)	NO COMPARABLE COURSE		
DESIGN 40A	Energy, Materials, Design	(4)	NO COMPARABLE COURSE		
	OR			OR	
DESIGN 40B	Ideologies of Design	(4)	NO COMPARABLE COURSE		
	OR			OR	
DESIGN 40C	Design Aesthetics/Exper	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

TWO COURSES FROM THE FOLLOWING:

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

ART 12	Beginning Video	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
DESIGN 40A	Energy, Materials, Design	(4)	NO COMPARABLE COURSE		
DESIGN 40B	Ideologies of Design	(4)	NO COMPARABLE COURSE		
DESIGN 40C	Design Aesthetics/Exper	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
DESIGN 50	Intro to 3-D Design	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
DESIGN 70	Intro Textile Structure	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
DESIGN 77	Intro to Fashion Design	(4)	NO COMPARABLE COURSE		
UWRITING 11	Pop Sci & Technol 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)	ENGL 103	Critical Reading, Writing and Thinking	(3)
	OR			OR	
UWRITING 49	Writing Research Papers Formerly UWRITING 19	(4)	ENGL 103	Critical Reading, Writing and Thinking	(3)

END OF MAJOR

e) If a student takes ENGL 103 at College of the Canyons, credit will be given for UC Davis's UWP 18 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)	NO COMPARABLE COURSE
HISTORY 9B	East Asian Civ	(4)	NO COMPARABLE COURSE

ONE COURSE FROM THE FOLLOWING:

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

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

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

y) JPNESE 2 Elem Japanese
END OF MAJOR

(5) | NO COMPARABLE 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.**

====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)	BIOSCI 107	Molecular and Cellular Biology	(4)
			<u>OR</u>		
			BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)
<hr/>					
CHEM 2A	Genl Chemistry	(5)	CHEM 201	General Chemistry I	(6)
			<u>OR</u>		
			CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)	CHEM 201 & CHEM 202	General Chemistry I & General Chemistry II	(6) (5)
<hr/>					
PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE		
	<u>OR</u>		<u>OR</u>		
PHYSICS 7A	General Physics	(4)	PHYSIC 110 & PHYSIC 111	General Physics I & General Physics II	(4) (4)
PHYSICS 7B	General Physics	(4)	PHYSIC 110 & PHYSIC 111	General Physics I & General Physics II	(4) (4)
PHYSICS 7C	General Physics	(4)	PHYSIC 110 & PHYSIC 111	General Physics I & General Physics II	(4) (4)

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

Davis, and will need to meet with a UC Davis advisor before continuing with physics.

MATH 16A	Short Calculus	(3)	MATH 211	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 212	Calculus II	(5)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)

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

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

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

Special Advising Note:

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

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

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

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

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

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

We also strongly recommend that Economics applicants also complete coursework

comparable to the following UC Davis course with a C or better grade before matriculating to UC Davis:

-Statistics 13

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

ECON 1A	Princ of Microecon	(4)	ECON 202	Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 201	Macroeconomics	(3)
<hr/>					
STATIST 13	Elementary Statistics	(4)	MATH 140	Introductory Statistics	(4)
Same as: STATIST 13Y					
			<u>OR</u>		
			MATH 140H	Introductory Statistics - Honors	(4)
			<u>OR</u>		
			PSYCH 104	Statistics for the Behavioral Sciences	(3)
			<u>OR</u>		
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		
<hr/>					
MATH 16A	Short Calculus	(3)	MATH 211	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 212	Calculus II	(5)
			<u>OR</u>		
MATH 21A	Calculus	(4)	MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)

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

MATH 21C	Calculus	(4)	MATH 213	Calculus III	(5)
MATH 22A	Linear Algebra	(3)	MATH 214	Linear Algebra	(3)

END OF MAJOR

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

Special Advising Note:

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

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

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

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

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

IGETC is not required, nor does it improve the likelihood you will be admitted. See additional GE information below.

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

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

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See

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

College Foreign Language Requirement Note:

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

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

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

ENGLISH 3	Intro to Lit	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
	OR			OR	
UWRITING 1	Expository Writing	(4)		ENGL 101 English Composition	(3)
				OR	
				ENGL 101H Honors - English Composition	(4)

ENGLISH 10A	Literatures in English I: To 1700	(4)		ENGL 250 British Literature I	(3)
b) ENGLISH 10B	Literatures in English II: 1700-1900	(4)		ENGL 251 British Literature II	(3)
				OR	
				ENGL 260 American Literature I	(3)
b) ENGLISH 10C	Literatures in English III: 1900 to Present	(4)		ENGL 251 British Literature II	(3)
				OR	
				ENGL 261 American Literature II	(3)

ONE COURSE FROM THE FOLLOWING:

ENGLISH 40	Intro Topics in Lit	(4)		ENGL 270 Introduction to African American Literature	(3)
ENGLISH 41	Intro Topics Lit & Media	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
ENGLISH 43	Intro Topics in Drama	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
ENGLISH 44	Intro Topics in Fiction	(4)		ENGL 264 Study of Fiction	(3)
ENGLISH 45	Intro Topics in Poetry	(4)		ENGL 263 Introduction to Poetry	(3)

END OF MAJOR

b) If a student takes ENGL 251 at College of the Canyons, credit will be given for UC Davis's ENGLISH 10B Or ENGLISH 10C, not both; maximum credit one course at UC Davis.

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

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

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

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

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

BIOLSCI 2A	Intro Biology: Life on Earth	(5)		BIOSCI 107	Molecular and Cellular Biology	(4)
				OR		
				BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOSCI 106	Organismal and Environmental Biology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOSCI 106	Organismal and Environmental Biology	(4)
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CHEM 2A	Genl Chemistry	(5)		CHEM 201	General Chemistry I	(6)
				OR		
				CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)		CHEM 201 & CHEM 202	General Chemistry I & General Chemistry II	(6) (5)
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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 255	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)		CHEM 255 & CHEM 256	Organic Chemistry I & Organic Chemistry II	(5) (5)
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MATH 16A	Short Calculus	(3)		MATH 211	Calculus I	(5)
MATH 16B	Short Calculus	(3)		MATH 212	Calculus II	(5)
MATH 16C	Short Calculus	(3)		MATH 212	Calculus II	(5)
				OR		
MATH 17A	Calculus for BioSci	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17C	Calculus for BioSci	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
				OR		
MATH 21A	Calculus	(4)		MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)		MATH 212	Calculus II	(5)
MATH 21C	Calculus	(4)		MATH 213	Calculus III	(5)
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PHYSICS 1A	Principles Physics	(3)		NO COMPARABLE COURSE		
PHYSICS 1B	Principles Physics	(3)		NO COMPARABLE COURSE		
<hr/>						
STATIST 13	Elementary Statistics	(4)		MATH 140	Introductory Statistics	(4)
	Same as: STATIST 13Y			OR		

			MATH 140H	Introductory Statistics - Honors	(4)
			<u>OR</u>		
			PSYCH 104	Statistics for the Behavioral Sciences	(3)
	<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	
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LND ARC 30	History Environ Design	(4)		NO COMPARABLE COURSE	
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BIOLSCI 2A	Intro Biology:Life on Earth	(5)		BIOSCI 107	Molecular and Cellular Biology (4)
				<u>OR</u>	
				BIOSCI 107H	Molecular and Cellular Biology - (4)

BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106	Honors Organismal and Environmental Biology	(4)
PL SCI 2	Bot Physio Cul Plt	(4)	NO COMPARABLE COURSE		
CHEM 2A	Genl Chemistry	(5)	CHEM 201	General Chemistry I	(6)
			<u>OR</u>		
			CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)	CHEM 201 &	General Chemistry I	(6)
			CHEM 202	General Chemistry II	(5)
ENV S&P 1	Env Analysis	(4)	NO COMPARABLE COURSE		
	<u>OR</u>		<u>OR</u>		
ENV S&P 10	Current Issues in Environment	(3)	NO COMPARABLE COURSE		
	ENV S&P 10 not open for credit to students who have completed ENV S&P 1		<u>OR</u>		
ENV S&P 30	Global Ecosystem	(3)	NO COMPARABLE COURSE		
	Same as: ENV SC&M 30				
PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE		
PL SCI 21	Computers in Technology	(3)	NO COMPARABLE COURSE		
MATH 16A	Short Calculus	(3)	MATH 211	Calculus I	(5)
	<u>OR</u>		<u>OR</u>		
STATIST 13	Elementary Statistics	(4)	MATH 140	Introductory Statistics	(4)
	Same as: STATIST 13Y		<u>OR</u>		
			MATH 140H	Introductory Statistics - Honors	(4)
			<u>OR</u>		
			PSYCH 104	Statistics for the Behavioral Sciences	(3)

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

URBAN LANDSCAPE MANAGEMENT OPTION

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

COMUNCN 1	Intro Public Spkg	(4)	COMS 105	Fundamentals of Public Speaking	(3)
			<u>OR</u>		
			COMS 105H	Fundamentals in Public Speaking- Honors	(3)

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer admission. See the [UC Transfer Admission website](#). The courses used for the

A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

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

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

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

COMUNCN 1	Intro Public Spkg	(4)	COMS 105	Fundamentals of Public Speaking	(3)
			<u>OR</u>		
			COMS 105H	Fundamentals in Public Speaking-Honors	(3)
	<u>OR</u>			<u>OR</u>	
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	COMS 246	Interpersonal Communication	(3)
	<u>OR</u>			<u>OR</u>	
DRAMART 10	Intro To Acting	(4)	NO COMPARABLE COURSE		
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSCI 107	Molecular and Cellular Biology	(4)
			<u>OR</u>		
			BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)
	<u>OR</u>			<u>OR</u>	
BIOLSCI 10	Everyday Biology	(4)	BIOSCI 100	General Biology	(4)
			<u>OR</u>		
			BIOSCI 100H	General Biology - Honors	(4)
CHEM 2A	Genl Chemistry	(5)	CHEM 201	General Chemistry I	(6)
			<u>OR</u>		
			CHEM 201H	General Chemistry I - Honors	(6)
	<u>OR</u>			<u>OR</u>	
CHEM 10	Concept of Chem	(4)	NO COMPARABLE COURSE		
PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)
			<u>OR</u>		
CHEM 2B	Genl Chemistry	(5)	CHEM 201 & CHEM 202	General Chemistry I & II	(6) (5)
	<u>OR</u>			<u>OR</u>	
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE		

ONE COURSE FROM THE FOLLOWING:

PL SCI 21	Computers in Technology	(3)	NO COMPARABLE COURSE		
	<u>OR</u>			<u>OR</u>	
SCI&SOC 18	GIS & Society	(3)	NO COURSE ARTICULATED: College has not		

|submitted course(s) for articulation

ECON 1A	Princ of Microecon	(4)	ECON 202	Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 201	Macroeconomics	(3)

ONE COURSE FROM THE FOLLOWING:

AN SCI 1	Domest Ani & People	(4)	NO COMPARABLE COURSE		
ATM SCI 60	Intro to Atmospheric Science	(4)	NO COMPARABLE COURSE		
f) GEOLOGY 1	The Earth	(4)	GEOL 101	Physical Geology	(3)
PL SCI 12	Plants and Society	(4)	NO COMPARABLE COURSE		
Same as: SCI&SOC 12					
FORMERLY PLANT BIO 12					
W&F BIO 51	Intro to Conservation Biology	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

ENV S&P 1	Env Analysis	(4)	NO COMPARABLE COURSE		
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MATH 16A	Short Calculus	(3)	MATH 211	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 212	Calculus II	(5)

OR

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

OR

MATH 21A	Calculus	(4)	MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)

POL SCI 1	Amer Natl Govt	(4)	POLISC 150	Introduction to American Government and Politics	(3)
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STATIST 13	Elementary Statistics	(4)	MATH 140	Introductory Statistics	(4)
Same as: STATIST 13Y					

OR

MATH 140H	Introductory Statistics - Honors	(4)
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OR

PSYCH 104	Statistics for the Behavioral Sciences	(3)
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OR

STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		
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CLIMATE CHANGE POLICY AREA:

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

f) If a student takes GEOL 101 at College of the Canyons, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

COMUNCN 1	Intro Public Spkg	(4)	COMS 105	Fundamentals of Public Speaking	(3)
			<u>OR</u>		
			COMS 105H	Fundamentals in Public Speaking-Honors	(3)
	<u>OR</u>		<u>OR</u>		
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	COMS 246	Interpersonal Communication	(3)
	<u>OR</u>		<u>OR</u>		
DRAMART 10	Intro To Acting	(4)	NO COMPARABLE COURSE		
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSCI 107	Molecular and Cellular Biology	(4)
			<u>OR</u>		
			BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)
CHEM 2A	Genl Chemistry	(5)	CHEM 201	General Chemistry I	(6)
			<u>OR</u>		
			CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)	CHEM 201 & CHEM 202	General Chemistry I General Chemistry II	(6) (5)
	<u>OR</u>		<u>OR</u>		
CHEM 2AH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 2BH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
f) GEOLOGY 1	The Earth	(4)	GEOL 101	Physical Geology	(3)
	<u>OR</u>		<u>OR</u>		
c) GEOLOGY 50	Physical Geology	(3)	GEOL 101	Physical Geology	(3)
f)					
PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE		
	<u>OR</u>		<u>OR</u>		
PHYSICS 7A	General Physics	(4)	PHYSIC 110 & PHYSIC 111	General Physics I General Physics II	(4) (4)
PHYSICS 7B	General Physics	(4)	PHYSIC 110 & PHYSIC 111	General Physics I General Physics II	(4) (4)
PHYSICS 7C	General Physics	(4)	PHYSIC 110 & PHYSIC 111	General Physics I General Physics II	(4) (4)

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

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

ECON 1A	Princ of Microecon	(4)	ECON 202	Microeconomics	(3)
MATH 16A	Short Calculus	(3)	MATH 211	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 212	Calculus II	(5)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)
ENV S&P 1	Env Analysis	(4)	NO COMPARABLE COURSE		

RECOMMENDED COURSES FOR THIS MAJOR:

CHEM 2C	Genl Chemistry	(5)	CHEM 202	General Chemistry II	(5)
	OR			OR	
CHEM 2CH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

PREPARATION FOR GRADUATION:

STATIST 13	Elementary Statistics	(4)	MATH 140	Introductory Statistics	(4)
	Same as: STATIST 13Y			OR	
			MATH 140H	Introductory Statistics - Honors	(4)
				OR	
			PSYCH 104	Statistics for the Behavioral Sciences	(3)

ECOLOGY, BIODIVERSITY, AND CONSERVATION TRACK:

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

ATM SCI 60	Intro to Atmospheric Science	(4)	NO COMPARABLE COURSE		
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WATERSHED SCIENCE TRACK:

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

END OF MAJOR

- f) If a student takes GEOL 101 at College of the Canyons, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.
- c) This course is not strictly comparable with UC Davis courses but will fulfill the introductory physical geology requirement for the geology major at UC Davis.

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

Special Advising Note:

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College (CCC).

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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:

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BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOSCI 107	Molecular and Cellular Biology	(4)
			OR		
			BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)
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CHEM 2A	Genl Chemistry	(5)	CHEM 201	General Chemistry I	(6)
			OR		
			CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)	CHEM 201 & CHEM 202	General Chemistry I	(6)
CHEM 2C	Genl Chemistry	(5)	CHEM 202	General Chemistry II	(5)
	OR		OR		
CHEM 2AH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 2BH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 2CH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 255	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 255 & CHEM 256	Organic Chemistry I	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 256	Organic Chemistry II	(5)
	OR		OR		
CHEM 128A	Organic Chemistry	(3)	CHEM 255	Organic Chemistry I	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 255 & CHEM 256	Organic Chemistry I	(5)
			CHEM 256	Organic Chemistry II	(5)
CHEM 128C	Organic Chemistry	(3)	CHEM 256	Organic Chemistry II	(5)

CHEM 129A	Organic Chem Lab	(2)	CHEM 255	Organic Chemistry I	(5)
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 213	Calculus III	(5)
PHYSICS 7A	General Physics	(4)	PHYSIC 110 &	General Physics I	(4)
			PHYSIC 111	General Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYSIC 110 &	General Physics I	(4)
			PHYSIC 111	General Physics II	(4)
PHYSICS 7C	General Physics	(4)	PHYSIC 110 &	General Physics I	(4)
			PHYSIC 111	General Physics II	(4)

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

END OF MAJOR

====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)		BIOSCI 107	Molecular and Cellular Biology	(4)
				OR		
				BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOSCI 106	Organismal and Environmental Biology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOSCI 106	Organismal and Environmental Biology	(4)
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CHEM 2A	Genl Chemistry	(5)		CHEM 201	General Chemistry I	(6)
				OR		
				CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)		CHEM 201 & CHEM 202	General Chemistry I & II	(6) (5)
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CHEM 8A	Organic Chem-Brief	(2)		NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)		NO COMPARABLE COURSE		
<hr/>						
MATH 17A	Calculus for BioSci	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
				OR		
MATH 21A	Calculus	(4)		MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)		MATH 212	Calculus II	(5)
<hr/>						
PHYSICS 1A	Principles Physics	(3)		NO COMPARABLE COURSE		
PHYSICS 1B	Principles Physics	(3)		NO COMPARABLE COURSE		

RECOMMENDED:

MATH 17C	Calculus for BioSci	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
				OR		
MATH 21C	Calculus	(4)		MATH 213	Calculus III	(5)

END OF MAJOR

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

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

BIOLSCI 2A	Intro Biology: Life on Earth	(5)		BIOSCI 107	Molecular and Cellular Biology	(4)
				OR		
				BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOSCI 106	Organismal and Environmental Biology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOSCI 106	Organismal and Environmental Biology	(4)
<hr/>						
CHEM 2A	Genl Chemistry	(5)		CHEM 201	General Chemistry I	(6)
				OR		
				CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)		CHEM 201 &	General Chemistry I	(6)
				CHEM 202	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)		CHEM 202	General Chemistry II	(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 255	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)		CHEM 255 &	Organic Chemistry I	(5)
				CHEM 256	Organic Chemistry II	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)		CHEM 256	Organic Chemistry II	(5)
<hr/>						
MATH 17A	Calculus for BioSci	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17C	Calculus for BioSci	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
				OR		
MATH 21A	Calculus	(4)		MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)		MATH 212	Calculus II	(5)
<hr/>						
PHYSICS 7A	General Physics	(4)		PHYSIC 110 &	General Physics I	(4)
				PHYSIC 111	General Physics II	(4)
PHYSICS 7B	General Physics	(4)		PHYSIC 110 &	General Physics I	(4)
				PHYSIC 111	General Physics II	(4)
PHYSICS 7C	General Physics	(4)		PHYSIC 110 &	General Physics I	(4)
				PHYSIC 111	General Physics II	(4)

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

RECOMMENDED:

MATH 21C Calculus (4) | MATH 213 Calculus III (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 201	General Chemistry I	(6)
				<u>OR</u>		
				CHEM 201H	General Chemistry I - Honors	(6)

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 201 & CHEM 202	General Chemistry I & II	(6)
CHEM 2C	Genl Chemistry	(5)		CHEM 202	General Chemistry II	(5)

B) ENG CS 15	Intro to Computers	(4)		NO COMPARABLE COURSE		
	<u>OR</u>			<u>OR</u>		
ENG CS 36A	Programming	(4)		CMPSCI 111	Introduction to Computer Algorithms and Programming/JAVA	(3)
	Formerly ENG CS 30			<u>OR</u>		
				CMPSCI 235	C Programming	(3)

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

MATH 16A	Short Calculus	(3)		MATH 211	Calculus I	(5)
MATH 16B	Short Calculus	(3)		MATH 212	Calculus II	(5)
MATH 16C	Short Calculus	(3)		MATH 212	Calculus II	(5)
	<u>OR</u>			<u>OR</u>		
MATH 21A	Calculus	(4)		MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)		MATH 212	Calculus II	(5)
MATH 21C	Calculus	(4)		MATH 213	Calculus III	(5)

PHYSICS 7A	General Physics	(4)		PHYSIC 110 & PHYSIC 111	General Physics I & II	(4)
PHYSICS 7B	General Physics	(4)		PHYSIC 110 & PHYSIC 111	General Physics I & II	(4)
PHYSICS 7C	General Physics	(4)		PHYSIC 110 & PHYSIC 111	General Physics I & II	(4)

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

	<u>OR</u>			<u>OR</u>		
PHYSICS 9A	Classical Physics	(5)		PHYSIC 220 &	Physics for Scientists and	(4)

				Engineers: Mechanics of Solids and Fluids	
			PHYSIC 221	<u>&</u> Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9B	Classical Physics	(5)	PHYSIC 220	<u>&</u> Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221	<u>&</u> Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9C	Classical Physics	(5)	PHYSIC 220	<u>&</u> Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221	<u>&</u> Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)

STATIST 13	Elementary Statistics	(4)	MATH 140	Introductory Statistics	(4)
	Same as: STATIST 13Y			<u>OR</u>	
			MATH 140H	Introductory Statistics - Honors	(4)
				<u>OR</u>	
			PSYCH 104	Statistics for the Behavioral Sciences	(3)

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

TEX&CL 8	Textile Apparel Ind	(4)	NO COMPARABLE COURSE		
	<u>OR</u>		<u>OR</u>		
ENGIN 45	Prop of Mats	(4)	ENGR 151	<u>&</u> Materials of Engineering	(3)
			ENGR 151L	Materials of Engineering Lab	(1)

PREPARATION FOR GRADUATION:

CHEM 128A	Organic Chemistry	(3)		CHEM 255	Organic Chemistry I	(5)
CHEM 128B	Organic Chemistry	(3)		CHEM 255 &	Organic Chemistry I	(5)
				CHEM 256	Organic Chemistry II	(5)
CHEM 128C	Organic Chemistry	(3)		CHEM 256	Organic Chemistry II	(5)
CHEM 129A	Organic Chem Lab	(2)		CHEM 255	Organic Chemistry I	(5)
CHEM 129B	Organic Chem Lab	(2)		CHEM 255 &	Organic Chemistry I	(5)
				CHEM 256	Organic Chemistry II	(5)

ELECTIVE COURSES:

ECON 1A	Princ of Microecon	(4)		ECON 202	Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)		ECON 201	Macroeconomics	(3)

MATH 22A	Linear Algebra	(3)		MATH 214	Linear Algebra	(3)
MATH 22B	Differntl Equations	(3)		MATH 215	Differential Equations	(3)

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

END OF MAJOR

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

====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)	COMS 105	Fundamentals of Public Speaking	(3)
			<u>OR</u>		
			COMS 105H	Fundamentals in Public Speaking-Honors	(3)
MATH 16A	Short Calculus	(3)	MATH 211	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 212	Calculus II	(5)
MATH 16C	Short Calculus	(3)	MATH 212	Calculus II	(5)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSCI 107	Molecular and Cellular Biology	(4)
			<u>OR</u>		
			BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)
CHEM 2A	Genl Chemistry	(5)	CHEM 201	General Chemistry I	(6)

				<u>OR</u>	CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)		<u>&</u>	CHEM 201	General Chemistry I	(6)
					CHEM 202	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)			CHEM 202	General Chemistry II	(5)

CHEM 8A	Organic Chem-Brief	(2)			NO COMPARABLE COURSE		
	<u>AND</u>						
CHEM 8B	Organic Chem-Brief	(4)			NO COMPARABLE COURSE		
	<u>OR</u>						
CHEM 118A	Org Chem, Hlth & Sci	(4)			CHEM 255	Organic Chemistry I	(5)
	<u>AND</u>						
CHEM 118B	Org Chem, Hlth & Sci	(4)		<u>&</u>	CHEM 255	Organic Chemistry I	(5)
					CHEM 256	Organic Chemistry II	(5)
	<u>OR</u>						
CHEM 128A	Organic Chemistry	(3)			CHEM 255	Organic Chemistry I	(5)
	<u>AND</u>						
CHEM 128B	Organic Chemistry	(3)		<u>&</u>	CHEM 255	Organic Chemistry I	(5)
					CHEM 256	Organic Chemistry II	(5)
	<u>AND</u>						
CHEM 129A	Organic Chem Lab	(2)			CHEM 255	Organic Chemistry I	(5)

PHYSICS 7A	General Physics	(4)		<u>&</u>	PHYSIC 110	General Physics I	(4)
					PHYSIC 111	General Physics II	(4)
PHYSICS 7B	General Physics	(4)		<u>&</u>	PHYSIC 110	General Physics I	(4)
					PHYSIC 111	General Physics II	(4)
PHYSICS 7C	General Physics	(4)		<u>&</u>	PHYSIC 110	General Physics I	(4)
					PHYSIC 111	General Physics II	(4)
<p>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.</p>							

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

STATIST 13	Elementary Statistics	(4)			MATH 140	Introductory Statistics	(4)
	Same as: STATIST 13Y						
				<u>OR</u>	MATH 140H	Introductory Statistics - Honors	(4)
				<u>OR</u>	PSYCH 104	Statistics for the Behavioral Sciences	(3)

NUTR 10	Discoveries and Concepts	(3)			HLHSCI 150	Nutrition	(3)

RECOMMENDED FOR STUDENTS INTENDING TO PURSUE GRADUATE OR PROFESSIONAL STUDIES:							
CHEM 118C	Org Chem, Hlth & Sci	(4)			CHEM 256	Organic Chemistry II	(5)
	<u>OR</u>						
CHEM 128C	Organic Chemistry	(3)			CHEM 256	Organic Chemistry II	(5)
	<u>AND</u>						
CHEM 129B	Organic Chem Lab	(2)		<u>&</u>	CHEM 255	Organic Chemistry I	(5)
					CHEM 256	Organic Chemistry II	(5)
	<u>AND</u>						
CHEM 129C	Organic Chem Lab	(2)			CHEM 256	Organic Chemistry II	(5)

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

FRENCH 1	Elementary French	(5)		FRNCH 101	Elementary French I	(4)
FRENCH 2	Elementary French	(5)		FRNCH 101 &	Elementary French I	(4)
				FRNCH 102	Elementary French II	(4)
FRENCH 3	Elementary French	(5)		FRNCH 102	Elementary French II	(4)
FRENCH 21	Intermed French	(5)		FRNCH 201	Intermediate French I	(4)
FRENCH 22	Intermed French	(5)		FRNCH 202	Intermediate French	(4)
					II	
FRENCH 23	Intermed French	(5)		NO COMPARABLE COURSE		

Please Note: Based on our experience, and in order to insure that students are well-prepared for second year and upper-division courses, students who plan to enroll in FRENCH 21 or a higher course must first consult with one of the French Department's Lower-

Division Language Coordinators. It is also strongly recommended that all transfer students take the French Placement Test when transferring to UC Davis.

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

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

|submitted course(s) for articulation

TWO COURSES FROM THE FOLLOWING:

AF-AMST 10	Af-Am Culture & Soc	(4)	NO COMPARABLE COURSE	
AF-AMST 17	Women in Africa	(4)	NO COMPARABLE COURSE	
AMR STD 21	Objects & Everyday Life	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
AMR STD 30	Amr Images Pop Cult	(4)	NO COMPARABLE COURSE	
ANTHRO 2	Cultural Anthropology	(5)	ANTHRO 103 Cultural Anthropology	(3)
ANTHRO 20	Comparative Cultures	(4)	NO COMPARABLE COURSE	
ANTHRO 30	Sexualities	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation	
A A STD 1	Hist Exp Asian Am	(4)	NO COMPARABLE COURSE	
A A STD 2	Contemp Issues of Asian Americans	(4)	NO COMPARABLE COURSE	
CHICANO 10	Intro to Chic Std	(4)	NO COMPARABLE COURSE	
CHICANO 21	Hlth Care Issues	(4)	NO COMPARABLE COURSE	
CHICANO 50	Chicano Culture	(4)	NO COMPARABLE COURSE	
COMPLIT 12	Intro Women Writers	(4)	NO COMPARABLE COURSE	
DRAMART 1	Theatre, Performance and Culture	(4)	NO COMPARABLE COURSE	
ENGLISH 3	Intro to Lit	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation	
HISTORY 72A	Am Women & Gender	(4)	NO COMPARABLE COURSE	
HISTORY 72B	Am Women & Gender	(4)	NO COMPARABLE COURSE	
HISTORY 85	Nat,Man&Mach/Amer	(4)	NO COMPARABLE COURSE	
N A STD 10	NA Experience	(4)	NO COMPARABLE COURSE	
N A STD 32	NA Music & Dance	(4)	NO COMPARABLE COURSE	
POL SCI 7	Law & Politics	(4)	NO COMPARABLE COURSE	
PSYCH 1	General Psychology	(4)	PSYCH 101 Introduction to Psychology	(3)
			OR	
			PSYCH 101H Introduction to Psychology - Honors	(3)
SCI&TEC 1	Intro Sci & Tech Std	(4)	NO COMPARABLE COURSE	
SCI&TEC 2	Intro History of Science	(4)		
SCI&TEC 20	Sci & Tec Std Methods	(4)	NO COMPARABLE COURSE	
SCI&TEC 32	Drugs, Science and Culture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
	Same as: ANTHRO 32			
SOCIOL 2	Self and Society	(4)	NO COMPARABLE COURSE	
SOCIOL 3	Social Problems	(4)	SOCI 207 Social Problems	(3)
SOCIOL 11	Sociology of Labor and Employment	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
SOCIOL 30A	Multicultural Societies	(3)	NO 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 Formerly UWRITING 19	(4)	ENGL 103 Critical Reading, Writing and Thinking	(3)
WOM STD 20	Cult Repr of Gndr	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	

END OF MAJOR

e) If a student takes ENGL 103 at College of the Canyons, credit will be given for UC Davis's UWP 18 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)	BIOSCI 107	Molecular and Cellular Biology	(4)
			<u>OR</u>		
			BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)

CHEM 2A	Genl Chemistry	(5)	CHEM 201	General Chemistry I	(6)
			<u>OR</u>		
			CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)	CHEM 201 & CHEM 202	General Chemistry I	(6)
CHEM 2C	Genl Chemistry	(5)	CHEM 202	General Chemistry II	(5)
	<u>OR</u>		<u>OR</u>		
CHEM 2AH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 2BH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 2CH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

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 255	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 255 & CHEM 256	Organic Chemistry I	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 256	Organic Chemistry II	(5)

MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	<u>OR</u>		<u>OR</u>		
MATH 21A	Calculus	(4)	MATH 211	Calculus I	(5)

MATH 21B	Calculus	(4)		MATH 212	Calculus II	(5)

PHYSICS 7A	General Physics	(4)		PHYSIC 110 &	General Physics I	(4)
				PHYSIC 111	General Physics II	(4)
PHYSICS 7B	General Physics	(4)		PHYSIC 110 &	General Physics I	(4)
				PHYSIC 111	General Physics II	(4)
PHYSICS 7C	General Physics	(4)		PHYSIC 110 &	General Physics I	(4)
				PHYSIC 111	General Physics II	(4)

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

RECOMMENDED:

MATH 21C	Calculus	(4)		MATH 213	Calculus III	(5)
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END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

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

h) GEOLOGY 3	History of Life	(3)	GEOL 102	Historical Geology	(4)
GEOLOGY 3L	History of Life Lab	(1)	NO COMPARABLE COURSE		
c) GEOLOGY 50	Physical Geology	(3)	GEOL 101	Physical Geology	(3)
f)					
GEOLOGY 50L	Physical Geol Lab	(2)	GEOL 100	Physical Geology Laboratory	(1)
GEOLOGY 60	Earth Materials: Intro	(4)	NO COMPARABLE COURSE		

MATH 16A	Short Calculus	(3)	MATH 211	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 212	Calculus II	(5)
	OR			OR	
MATH 21A	Calculus	(4)	MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 201	General Chemistry I	(6)
			OR		
			CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)	CHEM 201 &	General Chemistry I	(6)
			CHEM 202	General Chemistry II	(5)

PHYSICS 7A	General Physics	(4)	PHYSIC 110 &	General Physics I	(4)
			PHYSIC 111	General Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYSIC 110 &	General Physics I	(4)
			PHYSIC 111	General Physics II	(4)

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

STATIST 13	Elementary Statistics	(4)	MATH 140	Introductory Statistics	(4)
	Same as: STATIST 13Y		OR		
			MATH 140H	Introductory Statistics - Honors	(4)
			OR		
			PSYCH 104	Statistics for the Behavioral Sciences	(3)
	OR			OR	
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		

END OF MAJOR

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

f) If a student takes GEOL 101 at College of the Canyons, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG 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.

h) GEOLOGY 3	History of Life	(3)	GEOL 102	Historical Geology	(4)
GEOLOGY 3L	History of Life Lab	(1)	NO COMPARABLE COURSE		
c) GEOLOGY 50	Physical Geology	(3)	GEOL 101	Physical Geology	(3)
f) GEOLOGY 50L	Physical Geol Lab	(2)	GEOL 100	Physical Geology Laboratory	(1)
GEOLOGY 60	Earth Materials: Intro	(4)	NO COMPARABLE COURSE		
GEOLOGY 62	Optical Mineralogy	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
<hr/>					
MATH 21A	Calculus	(4)	MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 213	Calculus III	(5)
<hr/>					
CHEM 2A	Genl Chemistry	(5)	CHEM 201	General Chemistry I	(6)

			<u>OR</u>		
				CHEM 201H	General Chemistry I - (6) Honors
CHEM 2B	Genl Chemistry	(5)		CHEM 201 &	General Chemistry I (6)
				CHEM 202	General Chemistry II (5)

SELECT ONE OF THE FOLLOWING THREE OPTIONS:

GENERAL GEOLOGY OPTION:

CHEM 2C	Genl Chemistry	(5)		CHEM 202	General Chemistry II (5)
STATIST 32	Gateway to Data Science	(4)		NO COMPARABLE COURSE	
PHYSICS 7A	General Physics	(4)		PHYSIC 110 &	General Physics I (4)
				PHYSIC 111	General Physics II (4)
PHYSICS 7B	General Physics	(4)		PHYSIC 110 &	General Physics I (4)
				PHYSIC 111	General Physics II (4)
PHYSICS 7C	General Physics	(4)		PHYSIC 110 &	General Physics I (4)
				PHYSIC 111	General Physics II (4)

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

			<u>OR</u>		
PHYSICS 9A	Classical Physics	(5)		PHYSIC 220 &	Physics for Scientists and Engineers: Mechanics of Solids and Fluids (4)
				PHYSIC 221 &	Physics for Scientists and Engineers: Electricity and Magnetism (4)
				PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics (4)
PHYSICS 9B	Classical Physics	(5)		PHYSIC 220 &	Physics for Scientists and Engineers: Mechanics of Solids and Fluids (4)
				PHYSIC 221 &	Physics for Scientists and Engineers: Electricity and Magnetism (4)
				PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics (4)
PHYSICS 9C	Classical Physics	(5)		PHYSIC 220 &	Physics for Scientists and Engineers: Mechanics of Solids and Fluids (4)
				PHYSIC 221 &	Physics for Scientists and Engineers: Electricity and Magnetism (4)

PHYSIC 222	Physics for Sci and (4) Engrs: Waves, Heat, Optics and Modern Physics
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Physics 9A/B/C is recommended over 7A/B/C, if available

GEOCHEMISTRY/PETROLOGY OPTION:

CHEM 2C	Genl Chemistry	(5)	CHEM 202	General Chemistry II	(5)
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		
MATH 21D	Vector Analysis	(4)	MATH 213	Calculus III	(5)
PHYSICS 9A	Classical Physics	(5)	PHYSIC 220 &	Physics for (4) Scientists and Engineers: Mechanics of Solids and Fluids	
			PHYSIC 221 &	Physics for (4) Scientists and Engineers: Electricity and Magnetism	
			PHYSIC 222	Physics for Sci and (4) Engrs: Waves, Heat, Optics and Modern Physics	
PHYSICS 9B	Classical Physics	(5)	PHYSIC 220 &	Physics for (4) Scientists and Engineers: Mechanics of Solids and Fluids	
			PHYSIC 221 &	Physics for (4) Scientists and Engineers: Electricity and Magnetism	
			PHYSIC 222	Physics for Sci and (4) Engrs: Waves, Heat, Optics and Modern Physics	

QUANTITATIVE/GEOPHYSICS OPTION:

MATH 21D	Vector Analysis	(4)	MATH 213	Calculus III	(5)
MATH 22A	Linear Algebra	(3)	MATH 214	Linear Algebra	(3)
PHYSICS 9A	Classical Physics	(5)	PHYSIC 220 &	Physics for (4) Scientists and Engineers: Mechanics of Solids and Fluids	
			PHYSIC 221 &	Physics for (4) Scientists and Engineers: Electricity and Magnetism	
			PHYSIC 222	Physics for Sci and (4) Engrs: Waves, Heat, Optics and Modern Physics	
PHYSICS 9B	Classical Physics	(5)	PHYSIC 220 &	Physics for (4)	

				Scientists and Engineers: Mechanics of Solids and Fluids	
			PHYSIC 221 &	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9C	Classical Physics	(5)	PHYSIC 220 &	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221 &	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)

END OF MAJOR

- h) This course is not strictly comparable with UC Davis courses but will fulfill the history of life requirement for the geology major at UC Davis.
- c) This course is not strictly comparable with UC Davis courses but will fulfill the introductory physical geology requirement for the geology major at UC Davis.
- f) If a student takes GEOL 101 at College of the Canyons, credit will be given for UC Davis's GEOLOGY 1 or 50, 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](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.

GERMAN 1	Elementary German	(5)	GERMAN 101	Elementary German I	(4)
GERMAN 2	Elementary German	(5)	GERMAN 101 &	Elementary German I	(4)
			GERMAN 102	Elementary German II	(4)
GERMAN 3	Elementary German	(5)	GERMAN 102	Elementary German II	(4)
GERMAN 20	Intermediate German	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
GERMAN 21	Intermediate German	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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)	BIOSCI 107	Molecular and Cellular Biology	(4)
			<u>OR</u>		
			BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)

CHEM 2A	Genl Chemistry	(5)	CHEM 201	General Chemistry I	(6)
			<u>OR</u>		
			CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)	CHEM 201 &	General Chemistry I	(6)
			CHEM 202	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 202	General Chemistry II	(5)

CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
			<u>OR</u>		
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 255	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 255 &	Organic Chemistry I	(5)
			CHEM 256	Organic Chemistry II	(5)

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

PHYSICS 7A	General Physics	(4)	PHYSIC 110 &	General Physics I	(4)
			PHYSIC 111	General Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYSIC 110 &	General Physics I	(4)
			PHYSIC 111	General Physics II	(4)

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

PREPARATION FOR GRADUATION:

STATIST 13	Elementary Statistics	(4)	MATH 140	Introductory Statistics	(4)
Same as: STATIST 13Y			<u>OR</u>		
			MATH 140H	Introductory Statistics - Honors	(4)
			<u>OR</u>		
			PSYCH 104	Statistics for the Behavioral Sciences	(3)

END OF MAJOR

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

Special Advising Note:

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

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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.

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

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

Five lower-division courses from the following seven concentrations, including at least one course in three different concentrations. Additional units to reach 20.

A. AFRICA

HISTORY 15A	Africa to 1900	(4)		NO COURSE ARTICULATED
HISTORY 15B	Africa Today	(4)		NO COURSE ARTICULATED

B. ASIA

HISTORY 8	Indian Civilization	(4)		NO COMPARABLE COURSE
HISTORY 9A	East Asian Civ	(4)		NO COMPARABLE COURSE
HISTORY 9B	East Asian Civ	(4)		NO COMPARABLE COURSE

C. EUROPE

HISTORY 4A	Western Civ	(4)	HIST 101	History of Western Civilization: The Pre-Industrial West	(3)
HISTORY 4B	Western Civ	(4)	HIST 101 &	History of Western Civilization: The Pre-Industrial West	(3)
			HIST 102	History of Western Civilization: The Modern Era	(3)
HISTORY 4C	Western Civ	(4)	HIST 102	History of Western Civilization: The Modern Era	(3)

D. LATIN AMERICA

HISTORY 7A	Latin America to 1700	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
HISTORY 7B	Latin America 1700-1900	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
HISTORY 7C	Latin America 1900-Present	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	

E. MIDDLE EAST

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

HISTORY 17A	U.S. History	(4)	HIST 111	United States History I	(3)
HISTORY 17B	U.S. History	(4)	HIST 112	United States History II	(3)
HISTORY 18A	Race in America to 1865	(4)	NO COURSE	ARTICULATED	
HISTORY 72A	Am Women & Gender	(4)	NO COMPARABLE	COURSE	
HISTORY 72B	Am Women & Gender	(4)	NO COMPARABLE	COURSE	
HISTORY 80	US in the Middle East	(2)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
HISTORY 85	Nat, Man & Mach/Amer	(4)	NO COMPARABLE	COURSE	

G. WORLD

HISTORY 1	Introduction to History	(2)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
HISTORY 2	Intro History of Science	(4)	NO COURSE	ARTICULATED	
HISTORY 3	Cities: Survey of World Cultures	(4)	NO COMPARABLE	COURSE	
HISTORY 10A	World History to 1350	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
HISTORY 10B	World History 1350-1850	(4)	NO COMPARABLE	COURSE	
HISTORY 10C	World History III	(4)	NO COMPARABLE	COURSE	
HISTORY 11	Hist Jewish People	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
HISTORY 12	Food and History	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
HISTORY 13	Global Sexualities	(4)	NO COURSE	ARTICULATED	
HISTORY 14	Hist Global Capitalism	(4)	NO COURSE	ARTICULATED	
HISTORY 20	The Vietnam War	(4)	NO COURSE	ARTICULATED	
HISTORY 90	Research in History	(4)	NO COURSE	ARTICULATED	

END OF MAJOR

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

Special Advising Note:

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

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

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Select two of the following courses:

ANTHRO 1	Human Evol Biol	(4)		ANTHRO 101	Physical Anthropology	(3)
				OR		
				ANTHRO 101H	Physical Anthropology - Honors	(3)
ANTHRO 2	Cultural Anthropology	(5)		ANTHRO 103	Cultural Anthropology	(3)
ANTHRO 15	Human Life Cycle	(5)		NO COMPARABLE COURSE		

Select one course from:

BIOLSCI 2A	Intro Biology:Life on Earth	(5)		BIOSCI 107	Molecular and Cellular Biology	(4)
				OR		
				BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)
	OR			OR		
BIOLSCI 10	Everyday Biology	(4)		BIOSCI 100	General Biology	(4)
				OR		
				BIOSCI 100H	General Biology - Honors	(4)
	OR			OR		
MIC BIO 10	Natural History of Infectious Diseases	(3)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR		
NE PH B 12	Human Brain and Disease	(3)		NO COMPARABLE COURSE		

Select one course from:

HISTORY 17A	U.S. History	(4)		HIST 111	United States History I	(3)
				OR		
HISTORY 17B	U.S. History	(4)		HIST 112	United States History II	(3)
				OR		
HISTORY 72A	Am Women & Gender	(4)		NO COMPARABLE COURSE		

	OR			OR	
HISTORY 72B	Am Women & Gender	(4)		NO COMPARABLE COURSE	
	OR			OR	
POL SCI 1	Amer Natl Govt	(4)		POLISC 150	Introduction to (3) American Government and Politics

Select two of the following courses:

PHILOS 5	Critical Reasoning	(4)		PHILOS 106	Critical Reasoning (3)
PHILOS 15	Intro to Bioethics	(4)		NO COMPARABLE COURSE	
PHILOS 30	Intro Philos of Sci	(4)		NO COMPARABLE COURSE	
PHILOS 31	Scientific Reason	(4)		NO COMPARABLE COURSE	
PHILOS 32	Scientific Change	(4)		NO COMPARABLE COURSE	
PHILOS 38	Intro Philos of Biol	(4)		NO COMPARABLE COURSE	

NE PH B 10	Elem Human Physio	(3)		BIOSCI 204	Human Anatomy and (4) Physiology I
				OR	
				BIOSCI 205	Human Anatomy and (4) Physiology II

PSYCH 1	General Psychology	(4)		PSYCH 101	Introduction to (3) Psychology
				OR	
				PSYCH 101H	Introduction to (3) Psychology - Honors

Select one of the following options:

PSYCH 41	Research Methods	(4)		PSYCH 103	Introduction to (3) Behavioral Research
	OR			OR	
SOCIOL 46A	Intro Social Rsch	(4)		NO COMPARABLE COURSE	
	AND			AND	
SOCIOL 46B	Intro Social Rsch	(5)		NO COMPARABLE COURSE	
	OR			OR	
STATIST 10	Statist Thinking	(4)		NO COMPARABLE COURSE	
	OR			OR	
STATIST 13	Elementary Statistics	(4)		MATH 140	Introductory (4) Statistics
Same as: STATIST 13Y				OR	
				MATH 140H	Introductory (4) Statistics - Honors
				OR	
				PSYCH 104	Statistics for the (3) Behavioral Sciences

END OF MAJOR

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

Special Advising Note:

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOSCI 107	Molecular and Cellular Biology	(4)
			<u>OR</u>		
			BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)
<hr/>					
CHEM 2A	Genl Chemistry	(5)	CHEM 201	General Chemistry I	(6)
			<u>OR</u>		
			CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)	CHEM 201 &	General Chemistry I	(6)
			CHEM 202	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 202	General Chemistry II	(5)
<hr/>					
PHYSICS 9A	Classical Physics	(5)	PHYSIC 220 &	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221 &	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9B	Classical Physics	(5)	PHYSIC 220 &	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221 &	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9C	Classical Physics	(5)	PHYSIC 220 &	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221 &	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222	Physics for Sci and	(4)

				Engrs: Waves, Heat, Optics and Modern Physics	
MATH 21A	Calculus	(4)	MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 213	Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH 213	Calculus III	(5)
MATH 22A	Linear Algebra	(3)	MATH 214	Linear Algebra	(3)
MATH 22B	Differntl Equations	(3)	MATH 215	Differential Equations	(3)
c) GEOLOGY 50	Physical Geology	(3)	GEOL 101	Physical Geology	(3)
f)					
GEOLOGY 50L	Physical Geol Lab	(2)	GEOL 100	Physical Geology Laboratory	(1)
ENGIN 6	Engr Prob Solving	(4)	NO COMPARABLE COURSE		

END OF MAJOR

- c) This course is not strictly comparable with UC Davis courses but will fulfill the introductory physical geology requirement for the geology major at UC Davis.
- f) If a student takes GEOL 101 at College of the Canyons, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.

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

Special Advising Note:

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

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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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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 202	Microeconomics (3)
	AND			AND	
ECON 1B	Princ of Macroecon	(4)		ECON 201	Macroeconomics (3)
STATIST 13	Elementary Statistics	(4)		MATH 140	Introductory Statistics (4)
	Same as: STATIST 13Y			OR	
				MATH 140H	Introductory Statistics - Honors (4)
				OR	

			PSYCH 104	Statistics for the Behavioral Sciences	(3)
	OR		OR		
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE		

MATH 16A	Short Calculus	(3)	MATH 211	Calculus I	(5)
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CM&RGDE 1	The Community	(4)	NO COMPARABLE COURSE		
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SIX QUARTER UNITS FROM THE FOLLOWING:

AGRESEC 15	Pop,Envr,World Agri	(4)	NO COMPARABLE COURSE		
AN SCI 41	Domestic Ani Prod	(2)	NO 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)	HLHSCI 150	Nutrition	(3)
PL SCI 1	Agr Nature & Society	(3)	NO COMPARABLE COURSE		
PL SCI 15	Intro Sustainable Agriculture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
PL SCI 49	Org Crop Prod Prac	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

FOREIGN LANGUAGE REQUIREMENT:

Students must complete 15-quarter-unit level in one language or pass the foreign language proficiency examination. See <http://llc.ucdavis.edu/foreign-language-placement-exams> .

A score of 5, 4, or 3 on a foreign language College Board Advanced Placement Examination (except Latin) or a score of 550 on the College Board SAT II Subject Test will also satisfy this requirement

AREAS OF SPECIALIZATION:

AGRICULTURAL PRODUCTION OPTION:

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSCI 107	Molecular and Cellular Biology	(4)
			OR		
			BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)
CHEM 2A	Genl Chemistry	(5)	CHEM 201	General Chemistry I	(6)
			OR		
			CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)	CHEM 201 & CHEM 202	General Chemistry I & II	(6) (5)

TRADE AND ECONOMIC DEVELOPMENT OPTION:

MATH 16B	Short Calculus	(3)	MATH 212	Calculus II	(5)
SOCIOL 1	Intro Sociology	(5)	SOCI 101	Introduction to Sociology	(3)
	OR		OR		
ANTHRO 2	Cultural Anthropology	(5)	ANTHRO 103	Cultural Anthropology	(3)
AGRESEC 15	Pop,Envr,World Agri	(4)	NO COMPARABLE COURSE		

ENVIRONMENTAL ISSUES OPTION:

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSCI 107	Molecular and Cellular Biology	(4)
			OR		

			BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)
ENV S&P 1	Env Analysis	(4)	NO COMPARABLE COURSE		

RURAL COMMUNITIES OPTION:

SOCIOL 1	Intro Sociology	(5)	SOCI 101	Introduction to Sociology	(3)
ANTHRO 2	Cultural Anthropology	(5)	ANTHRO 103	Cultural Anthropology	(3)

END OF MAJOR

====International Relations A.B.====

Special Advising Note:

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College Foreign Language Requirement Note:

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

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

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

ANTHRO 2	Cultural Anthropology	(5)	ANTHRO 103	Cultural Anthropology	(3)
	OR			OR	
ECON 1A	Princ of Microecon	(4)	ECON 202	Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 201	Macroeconomics	(3)
HISTORY 4C	Western Civ	(4)	HIST 102	History of Western Civilization: The Modern Era	(3)
	OR			OR	
HISTORY 10C	World History III	(4)	NO COMPARABLE COURSE		
POL SCI 2	Intro Comp Politics	(4)	POLISC 250	Comparative Government and Politics	(3)
POL SCI 3	Internatl Relations	(4)	POLISC 270	International Relations	(3)
POL SCI 12Y	Data Visualization	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	Same as: COMUNCN 12Y, PSYCH 12Y SOCIOL 12Y				
	OR			OR	
STATIST 13	Elementary Statistics	(4)	MATH 140	Introductory Statistics	(4)
	Same as: STATIST 13Y				
	OR			OR	
			MATH 140H	Introductory Statistics - Honors	(4)
	OR			OR	
			PSYCH 104	Statistics for the Behavioral Sciences	(3)
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE		
POL SCI 51	Scientific Study of Politics	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

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

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

ARABIC 1	Elementary Arabic	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ARABIC 2	Elem Arabic	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ARABIC 3	Elem Arabic	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ARABIC 21	Intermed Arabic	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ARABIC 22	Intermed Arabic	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ARABIC 23	Intermed Arabic	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

	OR			OR
x) CHINESE 1	Elem Chinese	(5)	NO COMPARABLE COURSE	
x) CHINESE 2	Elem Chinese	(5)	NO COMPARABLE COURSE	
x) CHINESE 3	Elem Chinese	(5)	NO COMPARABLE COURSE	
x) CHINESE 4	Inter Chinese	(5)	NO COMPARABLE COURSE	
x) CHINESE 5	Inter Chinese	(5)	NO COMPARABLE COURSE	
x) CHINESE 6	Inter Chinese	(5)	NO COMPARABLE COURSE	
	OR			OR
x) CHINESE 1CN	Mand/Cant Spkrs I	(5)	NO COMPARABLE COURSE	
x) CHINESE 2CN	Mand/Cant Spkrs II	(5)	NO COMPARABLE COURSE	
x) CHINESE 3CN	Mand/Cant Spkrs III	(5)	NO COMPARABLE COURSE	
	OR			OR
x) CHINESE 1BL	Accl Wrtn Chinese I	(5)	NO COMPARABLE COURSE	
x) CHINESE 2BL	Accl Wrtn Chinese II	(5)	NO COMPARABLE COURSE	
x) CHINESE 3BL	Accl Wrtn Chinese III	(5)	NO COMPARABLE COURSE	
	OR			OR
FRENCH 1	Elementary French	(5)	FRNCH 101 Elementary French I	(4)
FRENCH 2	Elementary French	(5)	FRNCH 101 & Elementary French I	(4)
			FRNCH 102 Elementary French II	(4)
FRENCH 3	Elementary French	(5)	FRNCH 102 Elementary French II	(4)
FRENCH 21	Intermed French	(5)	FRNCH 201 Intermediate French I	(4)
FRENCH 22	Intermed French	(5)	FRNCH 202 Intermediate French II	(4)
	OR			OR
GERMAN 1	Elementary German	(5)	GERMAN 101 Elementary German I	(4)
GERMAN 2	Elementary German	(5)	GERMAN 101 & Elementary German I	(4)
			GERMAN 102 Elementary German II	(4)
GERMAN 3	Elementary German	(5)	GERMAN 102 Elementary German II	(4)
GERMAN 20	Intermediate German	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
GERMAN 21	Intermediate German	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
	OR			OR
HEBREW 1	Elem Hebrew	(5)	NO COMPARABLE COURSE	
HEBREW 2	Elem Hebrew	(5)	NO COMPARABLE COURSE	
HEBREW 3	Elem Hebrew	(5)	NO COMPARABLE COURSE	
HEBREW 21	Intermed Modern Hebrew I	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
HEBREW 22	Intermed Modern Hebrew II	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
HEBREW 23	Intermed Modern Hebrew III	(4)	NO COURSE ARTICULATED	
	OR			OR
HIN-URD 1	Elem Hindi/Urdu I	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
HIN-URD 2	Elem Hindi/Urdu II	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
HIN-URD 3	Elem Hindi/Urdu III	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
HIN-URD 21	Intermed Hindi/Urdu I	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
HIN-URD 22	Intermed Hindi/Urdu II	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
HIN-URD 23	Intermed Hindi/Urdu III	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
	OR			OR
ITALIAN 1	Elementary Italian	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
ITALIAN 2	Elementary Italian	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
ITALIAN 3	Elementary Italian	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	

ITALIAN 4	Interm Italian	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ITALIAN 5	Interm Italian	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	OR		OR
ITALIAN 1	Elementary Italian	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ITALIAN 2	Elementary Italian	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ITALIAN 3	Elementary Italian	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ITALIAN 8A	Italian Convers	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ITALIAN 8B	Italian Convers	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	OR		OR
y) JPNESE 1	Elem Japanese	(5)	NO COMPARABLE COURSE
y) JPNESE 2	Elem Japanese	(5)	NO COMPARABLE COURSE
y) JPNESE 3	Elem Japanese	(5)	NO COMPARABLE COURSE
y) JPNESE 4	Inter Japanese	(5)	NO COMPARABLE COURSE
y) JPNESE 5	Inter Japanese	(5)	NO COMPARABLE COURSE
y) JPNESE 6	Inter Japanese	(5)	NO COMPARABLE COURSE
	OR		OR
PORTUG 1	Elementary Portuguese	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PORTUG 2	Elementary Portuguese	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PORTUG 3	Elementary Portuguese	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PORTUG 21	Intermediate Portuguese	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PORTUG 22	Intermediate Portuguese	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	OR		OR
RUSSIAN 1	Elementary Russian	(5)	NO COMPARABLE COURSE
RUSSIAN 2	Elementary Russian	(5)	NO COMPARABLE COURSE
RUSSIAN 3	Elementary Russian	(5)	NO COMPARABLE COURSE
RUSSIAN 4	Intermed Russian	(4)	NO COMPARABLE COURSE
RUSSIAN 5	Intermed Russian	(4)	NO COMPARABLE COURSE

Students with only one year or less of Russian at the community college level should consult with an advisor in the Russian Department at UC Davis before continuing on with the Russian series.

	OR		OR
SPANISH 1	Elementary Spanish	(5)	SPAN 101 Elementary Spanish I (4)
SPANISH 2	Elementary Spanish	(5)	SPAN 101 <u>&</u> Elementary Spanish I (4)
			SPAN 102 Elementary Spanish II (4)
SPANISH 3	Elementary Spanish	(5)	SPAN 102 Elementary Spanish II (4)
SPANISH 21	Intm Spanish	(5)	SPAN 201 <u>&</u> Intermediate Spanish I (4)
			SPAN 202 Intermediate Spanish (4)
			II
SPANISH 22	Intm Spanish	(5)	SPAN 201 <u>&</u> Intermediate Spanish I (4)
			SPAN 202 Intermediate Spanish (4)
			II
	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

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

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

information.

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

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

ITALIAN 1	Elementary Italian	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ITALIAN 2	Elementary Italian	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ITALIAN 3	Elementary Italian	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ITALIAN 4	Interm Italian	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ITALIAN 5	Interm Italian	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ITALIAN 9	Reading Italian	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

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

END OF MAJOR

====Japanese A.B.====

Special Advising Note:

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

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

Japanese Placement Examination Note:

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

College Foreign Language Requirement Note:

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

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

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

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

RECOMMENDED COURSES FOR THIS MAJOR:

JPNESE 10	Masterworks in English	(4)		NO COMPARABLE COURSE
JPNESE 25	Language & Culture (in English)	(4)		NO COMPARABLE COURSE
CHINESE 10	Modern Lit (in Engl)	(4)		NO COMPARABLE COURSE
CHINESE 11	Gt Bks China (Engl)	(4)		NO COMPARABLE COURSE
CHINESE 50	Intro to Literature	(4)		NO COMPARABLE COURSE
	Same as: JPNESE 50			
LINGUIS 1	Intro Linguistics	(4)		NO COMPARABLE COURSE
HISTORY 9B	East Asian Civ	(4)		NO COMPARABLE COURSE

END OF MAJOR

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

====Landscape Architecture B.S.====

Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. See the [UC Transfer Admission website](#) for details. UC Davis requires that students complete the minimum transfer admission requirement by the end of spring term

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

PRE-MAJOR REQUIREMENT:

Students who wish to major in landscape architecture must apply to "Landscape Architecture (Pre-)." Admission to UC Davis in pre-landscape architecture does not guarantee admission to the landscape architecture major.

After applying for admission, students submit a separate portfolio application to the landscape architecture program in February, either before or after enrollment at UC Davis. Contact the Landscape Architecture Advising Office at (530) 754-8628 or visit humanecology.ucdavis.edu/lda for details.

To be a competitive applicant, you must earn an overall transfer GPA of 2.80 or higher.

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

CCC transfer students who have successfully completed the IGETC lower-division coursework are exempt from all GE requirements that may be met with

lower-division courses. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

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

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

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

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

COMUNCN 1	Intro Public Spkg	(4)	COMS 105	Fundamentals of Public Speaking	(3)
			<u>OR</u>		
			COMS 105H	Fundamentals in Public Speaking-Honors	(3)

ENGLISH 3	Intro to Lit	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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	<u>OR</u>			<u>OR</u>	
UWRITING 1	Expository Writing	(4)	ENGL 101	English Composition	(3)
			<u>OR</u>		
			ENGL 101H	Honors - English Composition	(4)

	<u>OR</u>			<u>OR</u>	
UWRITING 48	Style in the Essay Formerly UWRITING 18	(4)	ENGL 103	Critical Reading, Writing and Thinking	(3)

	<u>OR</u>			<u>OR</u>	
UWRITING 49	Writing Research Papers Formerly UWRITING 19	(4)	ENGL 103	Critical Reading, Writing and Thinking	(3)

BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)
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ENVHORT 6	Intro Environ Plants	(4)	NO COMPARABLE COURSE		
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ONE COURSE FROM THE FOLLOWING:

MATH 16A	Short Calculus	(3)	MATH 211	Calculus I	(5)
STATIST 13	Elementary Statistics Same as: STATIST 13Y	(4)	MATH 140	Introductory Statistics	(4)

	<u>OR</u>		MATH 140H	Introductory Statistics - Honors	(4)
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	<u>OR</u>		PSYCH 104	Statistics for the Behavioral Sciences	(3)
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ENG CS 32A	Intro to Programming(4) Formerly ENG CS 10	(4)	NO COMPARABLE COURSE		
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ONE COURSE FROM THE FOLLOWING:

CHEM 2A	Genl Chemistry	(5)	CHEM 201	General Chemistry I	(6)
			<u>OR</u>		
			CHEM 201H	General Chemistry I - Honors	(6)
CHEM 10	Concept of Chem	(4)	NO COMPARABLE COURSE		
PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
PHYSICS 10	Topics, Nonscientists	(4)	NO COMPARABLE COURSE		
f) GEOLOGY 1	The Earth	(4)	GEOL 101	Physical Geology	(3)
SOILSCI 10	Soils in Our Environment	(3)	NO COMPARABLE COURSE		

LND ARC 1	Intro Environ Design	(4)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
LND ARC 2	Place, Culture, Community	(4)	NO COMPARABLE COURSE		
LND ARC 3	Sustainable Development	(4)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
LND ARC 21	Landscape Rep I Formerly Design Visualization	(4)	NO COMPARABLE COURSE		
LND ARC 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

- e) If a student takes ENGL 103 at College of the Canyons, credit will be given for UC Davis's UWP 18 or 19, not both.
- f) If a student takes GEOL 101 at College of the Canyons, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.

====Linguistics A.B.====

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

LINGUIS 1 Intro Linguistics (4)|NO COMPARABLE COURSE

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)	COMS 105	Fundamentals of Public Speaking	(3)
			OR		
			COMS 105H	Fundamentals in Public Speaking-Honors	(3)
	OR		OR		
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	COMS 246	Interpersonal Communication	(3)
AGRESEC 18	Business Law	(4)	NO COMPARABLE COURSE		
ECON 1A	Princ of Microecon	(4)	ECON 202	Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 201	Macroeconomics	(3)
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)	BUS 201 &	Principles of Accounting I	(5)
			BUS 202	Principles of Accounting II	(5)
MGMT 11B	Elem Accounting	(4)	NO COMPARABLE COURSE		
MATH 16A	Short Calculus	(3)	MATH 211	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 212	Calculus II	(5)
MATH 16C	Short Calculus	(3)	MATH 212	Calculus II	(5)
	OR		OR		
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR		OR		
MATH 21A	Calculus	(4)	MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)
STATIST 13	Elementary Statistics	(4)	MATH 140	Introductory	(4)

Same as: STATIST 13Y

		Statistics	
	<u>OR</u>		
MATH 140H		Introductory Statistics - Honors	(4)
	<u>OR</u>		
PSYCH 104		Statistics for the Behavioral Sciences	(3)

END OF MAJOR

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

**===Marine and Coastal Science B.S. (Coastal Environmental Processes)===
Special Advising Note:**

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

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

Students must identify an area of focus in order to select the appropriate major/college pairing on the UC application for undergraduate admission and scholarships. A student's chosen focus area will determine the college into which the student is admitted, the college where the degree is awarded, and the associated department:

- Coastal Environmental Processes (College of Agricultural and Environmental Sciences; Environmental Science and Policy)
- Marine Ecology and Organismal Biology (College of Biological Sciences; Evolution and Ecology)
- Marine Environmental Chemistry (College of Agricultural and Environmental Sciences; Environmental Toxicology)
- Oceans and the Earth System (College of Letters and Science; Earth and Planetary Sciences)

Visit <http://bml.ucdavis.edu/education/marine-coastal-science-undergraduate-major/> for details regarding the marine and coastal science undergraduate major.

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

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

BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOSCI 107	Molecular and Cellular Biology	(4)
			OR		
			BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)

CHEM 2A	Genl Chemistry	(5)	CHEM 201	General Chemistry I	(6)
			<u>OR</u>		
			CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)	CHEM 201 &	General Chemistry I	(6)
			CHEM 202	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 202	General Chemistry II	(5)

MATH 16A	Short Calculus	(3)	MATH 211	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 212	Calculus II	(5)
MATH 16C	Short Calculus	(3)	MATH 212	Calculus II	(5)

OR

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

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

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

OR

MATH 21A	Calculus	(4)	MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 213	Calculus III	(5)

PHYSICS 7A	General Physics	(4)	PHYSIC 110 &	General Physics I	(4)
			PHYSIC 111	General Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYSIC 110 &	General Physics I	(4)
			PHYSIC 111	General Physics II	(4)
PHYSICS 7C	General Physics	(4)	PHYSIC 110 &	General Physics I	(4)
			PHYSIC 111	General Physics II	(4)

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

OR

PHYSICS 9A Classical Physics (5) PHYSIC 220 & Physics for Scientists and Engineers: Mechanics of Solids and Fluids (4)

PHYSIC 221 & Physics for Scientists and Engineers: Electricity and Magnetism (4)

PHYSIC 222 Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics (4)

PHYSICS 9B Classical Physics (5) PHYSIC 220 & Physics for Scientists and Engineers: Mechanics of Solids and Fluids (4)

PHYSIC 221 & Physics for Scientists and Engineers: Electricity and Magnetism (4)

PHYSIC 222 Physics for Sci and Engrs: Waves, Heat, Optics and Modern (4)

PHYSICS 9C	Classical Physics	(5)	PHYSIC 220 &	Physics Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221 &	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)

STRONGLY RECOMMENDED:

EVOL&EC 12 Life in the Sea (3) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation

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

END OF MAJOR

**====Marine and Coastal Science B.S. (Marine 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)	BIOSCI 107	Molecular and Cellular Biology	(4)
			<u>OR</u>		
			BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)

CHEM 2A	Genl Chemistry	(5)	CHEM 201	General Chemistry I	(6)
			<u>OR</u>		
			CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)	CHEM 201 &	General Chemistry I	(6)
			CHEM 202	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 202	General Chemistry II	(5)
	<u>AND</u>			<u>AND</u>	
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		

MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	<u>OR</u>			<u>OR</u>	
MATH 21A	Calculus	(4)	MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)

PHYSICS 7A	General Physics	(4)	PHYSIC 110 &	General Physics I	(4)
			PHYSIC 111	General Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYSIC 110 &	General Physics I	(4)
			PHYSIC 111	General Physics II	(4)
PHYSICS 7C	General Physics	(4)	PHYSIC 110 &	General Physics I	(4)
			PHYSIC 111	General Physics II	(4)

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

	<u>OR</u>			<u>OR</u>	
PHYSICS 9A	Classical Physics	(5)	PHYSIC 220 &	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221 &	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9B	Classical Physics	(5)	PHYSIC 220 &	Physics for	(4)

			Scientists and Engineers: Mechanics of Solids and Fluids	
		PHYSIC 221 &	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
		PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9C	Classical Physics	(5) PHYSIC 220 &	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
		PHYSIC 221 &	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
		PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)

STRONGLY RECOMMENDED:

EVOL&EC 12 Life in the Sea (3) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation

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

END OF MAJOR

**===Marine and Coastal Science B.S. (Marine Environmental Chemistry)===
Special Advising Note:**

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

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

Students must identify an area of focus in order to select the appropriate major/college pairing on the UC application for undergraduate admission and scholarships. A student's chosen focus area will determine the college into which the student is admitted, the college where the degree is awarded, and the associated department:

-Coastal Environmental Processes (College of Agricultural and Environmental

Sciences; Environmental Science and Policy)

-Marine Ecology and Organismal Biology (College of Biological Sciences; Evolution and Ecology)

-Marine Environmental Chemistry (College of Agricultural and Environmental Sciences; Environmental Toxicology)

-Oceans and the Earth System (College of Letters and Science; Earth and Planetary Sciences)

Visit <http://bml.ucdavis.edu/education/marine-coastal-science-undergraduate-major/> for details regarding the marine and coastal science undergraduate major.

Transfer Admission Guarantee (TAG) Note:

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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)	BIOSCI 107	Molecular and Cellular Biology	(4)
			OR		
			BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)

CHEM 2A	Genl Chemistry	(5)	CHEM 201	General Chemistry I	(6)
			OR		
			CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)	CHEM 201 & CHEM 202	General Chemistry I	(6)
CHEM 2C	Genl Chemistry	(5)	CHEM 202	General Chemistry II	(5)

MATH 16A	Short Calculus	(3)	MATH 211	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 212	Calculus II	(5)
MATH 16C	Short Calculus	(3)	MATH 212	Calculus II	(5)
	OR		OR		
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR		OR		
MATH 21A	Calculus	(4)	MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 213	Calculus III	(5)

PHYSICS 7A	General Physics	(4)	PHYSIC 110 & PHYSIC 111	General Physics I	(4)
PHYSICS 7B	General Physics	(4)	PHYSIC 110 & PHYSIC 111	General Physics I	(4)
PHYSICS 7C	General Physics	(4)	PHYSIC 110 & PHYSIC 111	General Physics I	(4)

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

	OR		OR		
PHYSICS 9A	Classical Physics	(5)	PHYSIC 220 &	Physics for Scientists and Engineers: Mechanics	(4)

				of Solids and Fluids	
			PHYSIC 221	& Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9B	Classical Physics	(5)	PHYSIC 220	& Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221	& Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9C	Classical Physics	(5)	PHYSIC 220	& Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221	& Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)

STRONGLY RECOMMENDED:

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

END OF MAJOR

**====Marine and Coastal Science B.S. (Oceans and the Earth System)====
Special Advising Note:**

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

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

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

Students must identify an area of focus in order to select the appropriate major/college pairing on the UC application for undergraduate admission and scholarships. A student's chosen focus area will determine the college into which the student is admitted, the college where the degree is awarded, and the associated department:

-Coastal Environmental Processes (College of Agricultural and Environmental Sciences; Environmental Science and Policy)

-Marine Ecology and Organismal Biology (College of Biological Sciences; Evolution and Ecology)

-Marine Environmental Chemistry (College of Agricultural and Environmental Sciences; Environmental Toxicology)

-Oceans and the Earth System (College of Letters and Science; Earth and Planetary Sciences)

Visit <http://bml.ucdavis.edu/education/marine-coastal-science-undergraduate-major/> for details regarding the marine and coastal science undergraduate major.

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

AP and IB examination credit policies 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)		BIOSCI 107	Molecular and Cellular Biology	(4)
				OR		
				BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOSCI 106	Organismal and Environmental Biology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOSCI 106	Organismal and Environmental Biology	(4)
CHEM 2A	Genl Chemistry	(5)		CHEM 201	General Chemistry I	(6)
				OR		

			CHEM 201H	General Chemistry I - (6) Honors
CHEM 2B	Genl Chemistry	(5)	CHEM 201 &	General Chemistry I (6)
			CHEM 202	General Chemistry II (5)
CHEM 2C	Genl Chemistry	(5)	CHEM 202	General Chemistry II (5)

MATH 16A	Short Calculus	(3)	MATH 211	Calculus I (5)
MATH 16B	Short Calculus	(3)	MATH 212	Calculus II (5)
MATH 16C	Short Calculus	(3)	MATH 212	Calculus II (5)

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

	OR			OR
MATH 21A	Calculus	(4)	MATH 211	Calculus I (5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II (5)
MATH 21C	Calculus	(4)	MATH 213	Calculus III (5)

PHYSICS 7A	General Physics	(4)	PHYSIC 110 &	General Physics I (4)
			PHYSIC 111	General Physics II (4)
PHYSICS 7B	General Physics	(4)	PHYSIC 110 &	General Physics I (4)
			PHYSIC 111	General Physics II (4)
PHYSICS 7C	General Physics	(4)	PHYSIC 110 &	General Physics I (4)
			PHYSIC 111	General Physics II (4)

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

	OR			OR
PHYSICS 9A	Classical Physics	(5)	PHYSIC 220 &	Physics for Scientists and Engineers: Mechanics of Solids and Fluids (4)
			PHYSIC 221 &	Physics for Scientists and Engineers: Electricity and Magnetism (4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics (4)
PHYSICS 9B	Classical Physics	(5)	PHYSIC 220 &	Physics for Scientists and Engineers: Mechanics of Solids and Fluids (4)
			PHYSIC 221 &	Physics for Scientists and Engineers: Electricity and Magnetism (4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics (4)
PHYSICS 9C	Classical Physics	(5)	PHYSIC 220 &	Physics for Scientists and Engineers: Mechanics of Solids and Fluids (4)

application is submitted, the grade for that one course must be B+ or better. If two or more courses from the group are completed at the time the application is submitted, the GPA for those courses combined must be a 3.20 or higher.

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

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

END OF MAJOR

====Mathematical & Scientific Computation B.S.====

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

Recommended Language Preparation Note:

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

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

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

MATH 21A	Calculus	(4)	MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 213	Calculus III	(5)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 21D	Vector Analysis	(4)	MATH 213	Calculus III	(5)
MATH 22B	Differntl Equations	(3)	MATH 215	Differential Equations	(3)
MATH 22AL	Lin Alg Comp Lab	(1)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		

or equivalent basic knowledge of MATLAB.

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

BOTH OF THE FOLLOWING COURSES:

MATH 22A	Linear Algebra	(3)	MATH 214	Linear Algebra	(3)
	AND			AND	
MATH 108	Intro Abstract Math	(4)	This course must be taken at UC Davis		

OR SELECT THE FOLLOWING COURSE:

MATH 67	Modern Linear Algebra	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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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 UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

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

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

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

Recommended Language Preparation Note:

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

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

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

available from our TAG website.

MATH 21A	Calculus	(4)	MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 213	Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH 213	Calculus III	(5)
MATH 22B	Differntl Equations	(3)	MATH 215	Differential Equations	(3)
MATH 22AL	Lin Alg Comp Lab	(1)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

or equivalent basic knowledge of MATLAB.

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

BOTH OF THE FOLLOWING COURSES:

MATH 22A	Linear Algebra	(3)	MATH 214	Linear Algebra	(3)
AND			AND		
MATH 108	Intro Abstract Math	(4)	This course must be taken at UC Davis		

OR SELECT THE FOLLOWING COURSE:

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

ECON 1A	Princ of Microecon	(4)	ECON 202	Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 201	Macroeconomics	(3)

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

====Mathematics A.B.====

Special Advising Note:

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

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

Special Advising Note for future applicants:*

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

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

Strive to achieve your highest possible GPA in order to be most competitive. Candidates must complete courses comparable to the following UC Davis courses

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

- Mathematics 21A/B/C/D
- Mathematics 22A or Mathematics 67
- Mathematics 22B

*Information for future applicants is subject to change

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG 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 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 213	Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH 213	Calculus III	(5)
MATH 22B	Differntl Equations	(3)	MATH 215	Differential Equations	(3)
MATH 22AL	Lin Alg Comp Lab	(1)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		

or equivalent basic knowledge of MATLAB.

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

BOTH OF THE FOLLOWING COURSES:

MATH 22A	Linear Algebra	(3)	MATH 214	Linear Algebra	(3)
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AND		AND
MATH 108	Intro Abstract Math (4)	This course must be taken at UC Davis

OR SELECT THE FOLLOWING COURSE:

MATH 67	Modern Linear Algebra (4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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ENG CS 32A	Intro to Programming(4) Formerly ENG CS 10	NO COMPARABLE COURSE
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	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.

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

END OF MAJOR

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

Special Advising Note:

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

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

Special Advising Note for future applicants:*

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

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

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

- Mathematics 21A/B/C/D
- Mathematics 22A or Mathematics 67

*Information for future applicants is subject to change

Transfer Admission Guarantee (TAG) Note:

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

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

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

Recommended Language Preparation Note:

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

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

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

MATH 21A	Calculus	(4)	MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 213	Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH 213	Calculus III	(5)
MATH 22B	Differntl Equations	(3)	MATH 215	Differential Equations	(3)
MATH 22AL	Lin Alg Comp Lab	(1)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		

or equivalent basic knowledge of MATLAB.

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

BOTH OF THE FOLLOWING COURSES:

MATH 22A	Linear Algebra	(3)	MATH 214	Linear Algebra	(3)
	AND			AND	
MATH 108	Intro Abstract Math	(4)	This course must be taken at UC Davis		

OR SELECT THE FOLLOWING COURSE:

MATH 67	Modern Linear Algebra	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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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)	PHYSIC 220	&	Physics for Scientists and Engineers: Mechanics of Solids and Fluids (4)
			PHYSIC 221	&	Physics for Scientists and Engineers: Electricity and Magnetism (4)
			PHYSIC 222		Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics (4)
PLAN 2: MATHEMATICS FOR SECONDARY TEACHING					
PHYSICS 7A	General Physics	(4)	PHYSIC 110	&	General Physics I (4)
			PHYSIC 111		General Physics II (4)
	OR				OR
PHYSICS 9A	Classical Physics	(5)	PHYSIC 220	&	Physics for Scientists and Engineers: Mechanics of Solids and Fluids (4)
			PHYSIC 221	&	Physics for Scientists and Engineers: Electricity and Magnetism (4)
			PHYSIC 222		Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics (4)
	OR				OR
STATIST 13	Elementary Statistics	(4)	MATH 140		Introductory Statistics (4)
	Same as: STATIST 13Y			OR	
			MATH 140H		Introductory Statistics - Honors (4)
				OR	
			PSYCH 104		Statistics for the Behavioral Sciences (3)
	OR				OR
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		

END OF MAJOR

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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)	ART 110 &	Art History: Ancient to Medieval	(3)
			ART 111	Art History: Renaissance to Modern	(3)
ARTHI 1C	Baroque to Modern Art	(4)	ART 111	Art History: Renaissance to Modern	(3)
ARTHI 1E	Islamic Art & Architecture	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
COMPLIT 2	Major Books-Middle Ages to Enlightenment	(4)	NO COMPARABLE COURSE		
COMPLIT 10A	Master Authors	(2)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
COMPLIT 10B	Master Authors	(2)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
COMPLIT 10C	Master Authors	(2)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
COMPLIT 10D	Master Authors	(2)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
COMPLIT 10E	Master Authors	(2)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
ENGLISH 10A	Literatures in English I: To 1700	(4)	ENGL 250	British Literature I	(3)
GERMAN 48	Myth & Saga	(4)	NO COMPARABLE COURSE		
HISTORY 4A	Western Civ	(4)	HIST 101	History of Western Civilization: The Pre-Industrial West	(3)
HISTORY 4B	Western Civ	(4)	HIST 101 &	History of Western Civilization: The Pre-Industrial West	(3)
			HIST 102	History of Western Civilization: The Modern Era	(3)
HUMAN 1	Humanities Forum	(2)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
HUMAN 9	Don Quixote	(2)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
PHILOS 21	Phil Classics: Ancient	(4)	PHILOS 110	History of Ancient Philosophy	(3)
PHILOS 22	Phil Classics: Modern	(4)	PHILOS 111	History of Modern Philosophy	(3)

Language proficiency is a desideratum; courses in Latin and other European languages are strongly recommended, particularly for students planning to pursue graduate studies in the medieval or early modern field.

END OF MAJOR

====Microbiology A.B.====

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

Chemistry 2A/B/C

Biological Sciences 2A/B/C

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

Organic Chemistry series cited on ASSIST for your major*

Physics 7A/B/C or the physics series cited on ASSIST

for your intended College of Biological Sciences major (especially useful for Neurobiology, Physiology and Behavior majors).

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

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

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

Applicants to majors in the College of Biological Sciences apply to the major, without reference to A.B. or B.S. degrees, which are chosen after enrollment at UC Davis. All majors currently offered in the College of Biological Sciences are selective for purposes of admission; therefore, in order to be considered for admission in this selective major, transfer students who plan to pursue the

A.B. degree MUST also complete Chemistry 2C and additional courses in math. At a minimum, for admission students MUST complete courses comparable to UC Davis's Biological Sciences 2A/B/C; Mathematics 17A/B/C or 21A/B; and Chemistry 2A/B/C. See the B.S. degree in this major for additional course articulation information.

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSCI 107	Molecular and Cellular Biology	(4)
			OR		
			BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)
CHEM 2A	Genl Chemistry	(5)	CHEM 201	General Chemistry I	(6)
			OR		
			CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)	CHEM 201 & CHEM 202	General Chemistry I General Chemistry II	(6) (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 255	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 255 &	Organic Chemistry I	(5)
			CHEM 256	Organic Chemistry II	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 256	Organic Chemistry II	(5)

MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)

PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE		
	OR			OR	
PHYSICS 7A	General Physics	(4)	PHYSIC 110 &	General Physics I	(4)
			PHYSIC 111	General Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYSIC 110 &	General Physics I	(4)
			PHYSIC 111	General Physics II	(4)
PHYSICS 7C	General Physics	(4)	PHYSIC 110 &	General Physics I	(4)
			PHYSIC 111	General Physics II	(4)

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

END OF MAJOR

====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)		BIOSCI 107	Molecular and Cellular Biology	(4)
				<u>OR</u>		
				BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOSCI 106	Organismal and Environmental Biology	(4)

BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)

CHEM 2A	Genl Chemistry	(5)	CHEM 201	General Chemistry I	(6)
			<u>OR</u>		
			CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)	CHEM 201 &	General Chemistry I	(6)
			CHEM 202	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 202	General Chemistry II	(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 255	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 255 &	Organic Chemistry I	(5)
			CHEM 256	Organic Chemistry II	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 256	Organic Chemistry II	(5)

MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	<u>OR</u>			<u>OR</u>	
MATH 21A	Calculus	(4)	MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)

PHYSICS 7A	General Physics	(4)	PHYSIC 110 &	General Physics I	(4)
			PHYSIC 111	General Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYSIC 110 &	General Physics I	(4)
			PHYSIC 111	General Physics II	(4)
PHYSICS 7C	General Physics	(4)	PHYSIC 110 &	General Physics I	(4)
			PHYSIC 111	General Physics II	(4)

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

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

MATH 21C	Calculus	(4)	MATH 213	Calculus III	(5)
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END OF MAJOR

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

Special Advising Note:

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

HISTORY 6	Intro to Middle East	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HISTORY 8	Indian Civilization	(4)	NO COMPARABLE COURSE

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

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

HEBREW 23	Intermed Modern Hebrew III	(4)	submitted course(s) for articulation NO COURSE ARTICULATED
OR			OR
HIN-URD 1	Elem Hindi/Urdu I	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HIN-URD 2	Elem Hindi/Urdu II	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HIN-URD 3	Elem Hindi/Urdu III	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HIN-URD 21	Intermed Hindi/Urdu I	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HIN-URD 22	Intermed Hindi/Urdu II	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HIN-URD 23	Intermed Hindi/Urdu III	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

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

ADDITIONAL ELECTIVES:

ARTHI 1E	Islamic Art & Architecture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CLASSIC 1	N East/Early Gr	(4)	NO COMPARABLE COURSE
COMPLIT 53B	Lit of South Asia	(4)	NO COMPARABLE COURSE
COMPLIT 53C	Lit of the Islamic World	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
REL STD 21	The Bible	(4)	NO COMPARABLE COURSE
REL STD 23	Intro Judaism	(4)	NO COMPARABLE COURSE
REL STD 60	Introduction to Islam	(4)	NO COMPARABLE COURSE
REL STD 65C	The Qur'an and Its Interpretation	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
REL STD 68	Hinduism	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

Or additional lower-division courses in a Middle Eastern or South Asian language

END OF MAJOR

====Music A.B.====

Special Advising Note:

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

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

Diagnostic Examination Note:

Students completing the program of courses below achieve a fundamental grounding in music theory, music history, and performance. Upon admission to UC Davis, students will demonstrate required proficiency through a diagnostic exam as part of their initial academic planning and advisement. Students will be scheduled for specific courses appropriate to their proficiency level.

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

MUSIC 2A	Keyboard Competence	(2)	NO COMPARABLE COURSE
MUSIC 2B	Keyboard Competence	(2)	NO COMPARABLE COURSE
MUSIC 2C	Keyboard Competence	(2)	NO COMPARABLE COURSE

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

MUSIC 6A	Elementary Theory	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MUSIC 6B	Elementary Theory	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MUSIC 6C	Elementary Theory	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

MUSIC 7A	Intermediate Theory	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MUSIC 7B	Intermediate Theory	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MUSIC 7C	Intermediate Theory	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

MUSIC 16A	Elem Musicianship	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MUSIC 16B	Elem Musicianship	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MUSIC 16C	Elem Musicianship	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

STUDENTS MAY PASS OUT OF ONE OR MORE QUARTERS OF MUSIC 16A-C THROUGH EXAMINATION

MUSIC 17A	Intermediate Musicianship	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MUSIC 17B	Intermediate Musicianship	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MUSIC 17C	Intermediate Musicianship	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

STUDENTS MAY PASS OUT OF ONE OR MORE QUARTERS OF MUSIC 17A-C THROUGH EXAMINATION

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

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

N A STD 1	Intro NA Studies	(4)	NO COMPARABLE COURSE
N A STD 10	NA Experience	(4)	NO COMPARABLE COURSE
	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)	NO COMPARABLE COURSE
N A STD 12	Native Amer/Indigenous Film	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
N A STD 32	NA Music & Dance	(4)	NO COMPARABLE COURSE
N A STD 33	Intro NA Art	(4)	NO COMPARABLE COURSE
N A STD 34	NA Art Workshop	(4)	NO COMPARABLE COURSE

ONE OR TWO COURSES FROM:

AF-AMST 12	Intro Afro Studies	(4)	NO COMPARABLE COURSE
AF-AMST 52	Afr Tradit Relig	(4)	NO COMPARABLE COURSE
ANTHRO 2	Cultural Anthropology	(5)	ANTHRO 103 Cultural Anthropology (3)
ANTHRO 20	Comparative Cultures	(4)	NO COMPARABLE COURSE
ANTHRO 24	Ancient Crops and People	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
A A STD 1	Hist Exp Asian Am	(4)	NO COMPARABLE COURSE
A A STD 2	Contemp Issues of Asian Americans	(4)	NO COMPARABLE COURSE
A A STD 4	Asian Amer Cultural Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHICANO 10	Intro to Chic Std	(4)	NO COMPARABLE COURSE
CHICANO 21	Hlth Care Issues	(4)	NO COMPARABLE COURSE
CHICANO 23	Qualitative Research Methods	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
COMPLIT 25	Ethnic Writers	(4)	NO COMPARABLE COURSE
CM&RGDE 2	Ethnicity Amer Comm	(4)	NO COMPARABLE COURSE
ENV S&P 10	Current Issues in Environment	(3)	NO COMPARABLE COURSE
ENV S&P 10 not open for credit to students who have completed ENV S&P 1			
HISTORY 7A	Latin America to 1700	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HISTORY 7B	Latin America 1700-1900	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HISTORY 7C	Latin America 1900-Present	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HISTORY 17A	U.S. History	(4)	HIST 111 United States History (3) I
LINGUIS 1	Intro Linguistics	(4)	NO COMPARABLE COURSE

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)	BIOSCI 107	Molecular and Cellular Biology	(4)
			OR		
			BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)
CHEM 2A	Genl Chemistry	(5)	CHEM 201	General Chemistry I	(6)
			OR		
			CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)	CHEM 201 &	General Chemistry I	(6)
			CHEM 202	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 202	General Chemistry II	(5)
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 255	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 255 &	Organic Chemistry I	(5)
			CHEM 256	Organic Chemistry II	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 256	Organic Chemistry II	(5)
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
			OR		
MATH 21A	Calculus	(4)	MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)
PHYSICS 7A	General Physics	(4)	PHYSIC 110 &	General Physics I	(4)
			PHYSIC 111	General Physics II	(4)

PHYSICS 7B	General Physics	(4)		PHYSIC 110	&	General Physics I	(4)
					PHYSIC 111	General Physics II	(4)
PHYSICS 7C	General Physics	(4)		PHYSIC 110	&	General Physics I	(4)
					PHYSIC 111	General Physics II	(4)

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

END OF MAJOR

====Nutrition Science B.S.====

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

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

BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOSCI 107	Molecular and Cellular Biology	(4)
			OR		
			BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)
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CHEM 2A	Genl Chemistry	(5)	CHEM 201	General Chemistry I	(6)
			OR		
			CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)	CHEM 201 & CHEM 202	General Chemistry I	(6)
CHEM 2C	Genl Chemistry	(5)	CHEM 202	General Chemistry II	(5)
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CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
	OR		OR		
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 255	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 255 & CHEM 256	Organic Chemistry I	(5)
	OR		OR		
CHEM 128A	Organic Chemistry	(3)	CHEM 255	Organic Chemistry I	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 255 & CHEM 256	Organic Chemistry I	(5)
			CHEM 256	Organic Chemistry II	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 255	Organic Chemistry I	(5)

NUTR 10	Discoveries and Concepts	(3)	HLHSCI 150	Nutrition	(3)
PSYCH 41	Research Methods	(4)	PSYCH 103	Introduction to Behavioral Research	(3)
	OR			OR	
SOCIOL 46A	Intro Social Rsch	(4)	NO COMPARABLE COURSE		

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

NUTRITIONAL BIOLOGY OPTION:

ANTHRO 2	Cultural Anthropology	(5)	ANTHRO 103	Cultural Anthropology	(3)
	OR			OR	
PSYCH 1	General Psychology	(4)	PSYCH 101	Introduction to Psychology	(3)
	OR			OR	
			PSYCH 101H	Introduction to Psychology - Honors	(3)
	OR			OR	
SOCIOL 1	Intro Sociology	(5)	SOCI 101	Introduction to Sociology	(3)
	OR			OR	
SOCIOL 3	Social Problems	(4)	SOCI 207	Social Problems	(3)
MATH 16A	Short Calculus	(3)	MATH 211	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 212	Calculus II	(5)
PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE		

NUTRITION IN PUBLIC HEALTH OPTION:

ANTHRO 2	Cultural Anthropology	(5)	ANTHRO 103	Cultural Anthropology	(3)
	OR			OR	
SOCIOL 1	Intro Sociology	(5)	SOCI 101	Introduction to Sociology	(3)
	OR			OR	
SOCIOL 3	Social Problems	(4)	SOCI 207	Social Problems	(3)
ECON 1A	Princ of Microecon	(4)	ECON 202	Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 201	Macroeconomics	(3)
PSYCH 1	General Psychology	(4)	PSYCH 101	Introduction to Psychology	(3)
				OR	
			PSYCH 101H	Introduction to Psychology - Honors	(3)

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

Agricultural and Health Policy Area:

AGRESEC 15	Pop,Envr,World Agri	(4)	NO COMPARABLE COURSE		
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Cultural Diversity and Community Change Area:

AMR STD 55	Food in Amer Culture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	Same as: FD S&T 55				
CM&RGDE 2	Ethnicity Amer Comm	(4)	NO COMPARABLE COURSE		
INT AG 10	Intro Intl Ag Development	(4)	NO COMPARABLE COURSE		

Natural and Applied Sciences Area:

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

END OF MAJOR

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

Special Advising Note:

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

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

Special Advising Note for future applicants:*

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

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

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

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

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

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

*Information for future applicants is subject to change

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG 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 201	General Chemistry I	(6)
			OR		
			CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)	CHEM 201 &	General Chemistry I	(6)
			CHEM 202	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 202	General Chemistry II	(5)
			OR		
CHEM 2AH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
CHEM 2BH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
CHEM 2CH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	

PHYSICS 7A	General Physics	(4)	PHYSIC 110 &	General Physics I	(4)
			PHYSIC 111	General Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYSIC 110 &	General Physics I	(4)
			PHYSIC 111	General Physics II	(4)
PHYSICS 7C	General Physics	(4)	PHYSIC 110 &	General Physics I	(4)
			PHYSIC 111	General Physics II	(4)

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

	OR			OR	
PHYSICS 9A	Classical Physics	(5)	PHYSIC 220 &	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221 &	Physics for Scientists and Engineers:	(4)

					Electricity and Magnetism	
				PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9B	Classical Physics	(5)		PHYSIC 220 &	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
				PHYSIC 221 &	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
				PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9C	Classical Physics	(5)		PHYSIC 220 &	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
				PHYSIC 221 &	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
				PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
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MATH 16A	Short Calculus	(3)		MATH 211	Calculus I	(5)
MATH 16B	Short Calculus	(3)		MATH 212	Calculus II	(5)
MATH 16C	Short Calculus	(3)		MATH 212	Calculus II	(5)
	OR				OR	
MATH 17A	Calculus for BioSci	(4)		NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)		NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
MATH 17C	Calculus for BioSci	(4)		NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
	OR				OR	
MATH 21A	Calculus	(4)		MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)		MATH 212	Calculus II	(5)
MATH 21C	Calculus	(4)		MATH 213	Calculus III	(5)
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BIOLSCI 2A	Intro Biology:Life on Earth	(5)		BIOSCI 107	Molecular and Cellular Biology	(4)
				OR		
				BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOSCI 106	Organismal and Environmental Biology	(4)
	OR				OR	
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOSCI 106	Organismal and Environmental Biology	(4)

STATIST 13	Elementary Statistics	(4)	MATH 140	Introductory Statistics	(4)
	Same as: STATIST 13Y				
			<u>OR</u>		
			MATH 140H	Introductory Statistics - Honors	(4)
			<u>OR</u>		
			PSYCH 104	Statistics for the Behavioral Sciences	(3)
	<u>OR</u>			<u>OR</u>	
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		

CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 255	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 255 &	Organic Chemistry I	(5)
			CHEM 256	Organic Chemistry II	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 256	Organic Chemistry II	(5)
	<u>OR</u>			<u>OR</u>	
CHEM 128A	Organic Chemistry	(3)	CHEM 255	Organic Chemistry I	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 255 &	Organic Chemistry I	(5)
			CHEM 256	Organic Chemistry II	(5)
CHEM 128C	Organic Chemistry	(3)	CHEM 256	Organic Chemistry II	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 255	Organic Chemistry I	(5)
CHEM 129B	Organic Chem Lab	(2)	CHEM 255 &	Organic Chemistry I	(5)
			CHEM 256	Organic Chemistry II	(5)
CHEM 129C	Organic Chem Lab	(2)	CHEM 256	Organic Chemistry II	(5)

END OF MAJOR

====Philosophy A.B.====

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG 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) | PHILOS 230 Symbolic Logic (3)

AND ONE COURSE FROM ANY THREE OF THE FOLLOWING AREAS

a. GENERAL PHILOSOPHY

g) PHILOS 1 Intro to Philos (4) | PHILOS 101 Introduction to Philosophy (3)
| **OR**
| PHILOS 111 History of Modern Philosophy (3)
| **OR**
| PHILOS 112 History of Philosophy - 20th Century Philosophy (3)

b. ANCIENT PHILOSOPHY

PHILOS 21 Phil Classics: Ancient (4) | PHILOS 110 History of Ancient Philosophy (3)

c. EARLY MODERN PHILOSOPHY

PHILOS 22 Phil Classics: Modern (4) | PHILOS 111 History of Modern Philosophy (3)

d. PHILOSOPHY OF MIND

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

e. ETHICS:

PHILOS 14 Eth Soc Prob in Soc (4) | PHILOS 240 Contemporary Moral Problems (3)
| **OR**
PHILOS 15 Intro to Bioethics (4) | NO COMPARABLE COURSE
| **OR**
PHILOS 24 Intro to Ethics (4) | PHILOS 120 Introduction to Ethics (3)

f. PHILOSOPHY OF SCIENCE

PHILOS 30	Intro Philos of Sci	(4)	NO COMPARABLE COURSE
	OR		OR
PHILOS 31	Scientific Reason	(4)	NO COMPARABLE COURSE
	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 COURSE ARTICULATED: College has not submitted course(s) for articulation
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PRE-LAW EMPHASIS

ONE COURSE FROM THE FOLLOWING:

PHILOS 14	Eth Soc Prob in Soc	(4)	PHILOS 240 Contemporary Moral Problems	(3)
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)	PHILOS 106 Critical Reasoning	(3)
PHILOS 12	Intro to Symbol Logic	(4)	PHILOS 230 Symbolic Logic	(3)
PHILOS 24	Intro to Ethics	(4)	PHILOS 120 Introduction to Ethics	(3)

PRE-MED EMPHASIS:

ONE COURSE FROM THE FOLLOWING:

PHILOS 24	Intro to Ethics	(4)	PHILOS 120 Introduction to Ethics	(3)
PHILOS 30	Intro Philos of Sci	(4)	NO COMPARABLE COURSE	
PHILOS 31	Scientific Reason	(4)	NO COMPARABLE COURSE	
PHILOS 32	Scientific Change	(4)	NO COMPARABLE COURSE	

ALL OF THE FOLLOWING COURSES:

PHILOS 12	Intro to Symbol Logic	(4)	PHILOS 230 Symbolic Logic	(3)
PHILOS 15	Intro to Bioethics	(4)	NO COMPARABLE COURSE	
PHILOS 38	Intro Philos of Biol	(4)	NO COMPARABLE COURSE	

END OF MAJOR

g) Students who complete PHILOS 111 at College of the Canyons will receive credit at UC Davis for PHILOS 1 or PHILOS 22 through the 16-17 academic year. As of fall 2017 they will receive credit for PHILOS 22.

====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)	PHYSIC 220 &	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221 &	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9B	Classical Physics	(5)	PHYSIC 220 &	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221 &	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9C	Classical Physics	(5)	PHYSIC 220 &	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221 &	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9D	Modern Physics	(4)	NO COMPARABLE COURSE	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 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 213	Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH 213	Calculus III	(5)
MATH 22A	Linear Algebra	(3)	MATH 214	Linear Algebra	(3)
MATH 22B	Differntl Equations	(3)	MATH 215	Differential Equations	(3)
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)	PHYSIC 220	&	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221	&	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222		Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9B	Classical Physics	(5)	PHYSIC 220	&	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221	&	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222		Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9C	Classical Physics	(5)	PHYSIC 220	&	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221	&	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222		Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9D	Modern Physics	(4)	NO COMPARABLE COURSE			
	OR				OR	
PHYSICS 9HA	Honors Physics	(5)	NO COMPARABLE COURSE			
PHYSICS 9HB	Honors Physics	(5)	NO COMPARABLE COURSE			
PHYSICS 9HC	Honors Physics	(5)	NO COMPARABLE COURSE			
PHYSICS 9HD	Honors Physics	(5)	NO COMPARABLE COURSE			
PHYSICS 9HE	Honors Physics	(5)	NO COMPARABLE COURSE			

MATH 21A	Calculus	(4)	MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 213	Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH 213	Calculus III	(5)
MATH 22A	Linear Algebra	(3)	MATH 214	Linear Algebra	(3)
MATH 22B	Differntl Equations	(3)	MATH 215	Differential Equations	(3)

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

ASTROPHYSICS EMPHASIS

Preparatory subject matter for the B.S. Astrophysics Emphasis is the same as that listed above. In addition, the following course is RECOMMENDED but not required:

ASTRON 25	Intro to Modern Astronomy & Astrophy	(4)	NO COMPARABLE COURSE
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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)	BIOSCI 107	Molecular and Cellular Biology	(4)
			<u>OR</u>		
			BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)
CHEM 2A	Genl Chemistry	(5)	CHEM 201	General Chemistry I	(6)
			<u>OR</u>		
			CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)	CHEM 201 & CHEM 202	General Chemistry I & II	(6)
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
STATIST 13	Elementary Statistics	(4)	MATH 140	Introductory Statistics	(4)
	Same as: STATIST 13Y		<u>OR</u>		
			MATH 140H	Introductory Statistics - Honors	(4)
			<u>OR</u>		
			PSYCH 104	Statistics for the Behavioral Sciences	(3)

RECOMMENDED COURSES:

CHEM 2C	Genl Chemistry	(5)	CHEM 202	General Chemistry II	(5)
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END OF MAJOR

====Plant Biology B.S.====

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.50

for each of the three course groups. It is recommended that candidates have already achieved the minimum required GPAs for the courses in the groups below that have been completed by the time of application and maintain them through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

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

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

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

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

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

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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.

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSCI 107	Molecular and Cellular Biology	(4)
			<u>OR</u>		
			BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)
CHEM 2A	Genl Chemistry	(5)	CHEM 201	General Chemistry I	(6)
			<u>OR</u>		
			CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)	CHEM 201 &	General Chemistry I	(6)
			CHEM 202	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 202	General Chemistry II	(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 255	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 255 &	Organic Chemistry I	(5)
			CHEM 256	Organic Chemistry II	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 256	Organic Chemistry II	(5)
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	<u>OR</u>		<u>OR</u>		
MATH 21A	Calculus	(4)	MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)
PHYSICS 7A	General Physics	(4)	PHYSIC 110 &	General Physics I	(4)
			PHYSIC 111	General Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYSIC 110 &	General Physics I	(4)
			PHYSIC 111	General Physics II	(4)
PHYSICS 7C	General Physics	(4)	PHYSIC 110 &	General Physics I	(4)
			PHYSIC 111	General Physics II	(4)

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

RECOMMENDED COURSES:

BIOLSCI 20Q	Modeling in Biology	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 21C	Calculus	(4)	MATH 213	Calculus III	(5)

END OF MAJOR

====Plant Sciences B.S.====

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG 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)		BIOSCI 107	Molecular and Cellular Biology	(4)
				OR		
				BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOSCI 106	Organismal and Environmental Biology	(4)
<hr/>						
PL SCI 2	Bot Physio Cul Plt	(4)		NO COMPARABLE COURSE		
<hr/>						
CHEM 2A	Genl Chemistry	(5)		CHEM 201	General Chemistry I	(6)
				OR		
				CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)		CHEM 201 &	General Chemistry I	(6)
				CHEM 202	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)		CHEM 202	General Chemistry II	(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 255	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)		CHEM 255 &	Organic Chemistry I	(5)
				CHEM 256	Organic Chemistry II	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)		CHEM 256	Organic Chemistry II	(5)
<hr/>						
MATH 16A	Short Calculus	(3)		MATH 211	Calculus I	(5)
MATH 16B	Short Calculus	(3)		MATH 212	Calculus II	(5)
				OR		
				OR		
MATH 17A	Calculus for BioSci	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
<hr/>						
PHYSICS 1A	Principles Physics	(3)		NO COMPARABLE COURSE		
PHYSICS 1B	Principles Physics	(3)		NO COMPARABLE COURSE		
				OR		
				OR		
PHYSICS 7A	General Physics	(4)		PHYSIC 110 &	General Physics I	(4)
				PHYSIC 111	General Physics II	(4)

PHYSICS 7B	General Physics	(4)		PHYSIC 110 &	General Physics I	(4)
				PHYSIC 111	General Physics II	(4)
PHYSICS 7C	General Physics	(4)		PHYSIC 110 &	General Physics I	(4)
				PHYSIC 111	General Physics II	(4)

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

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

COURSES FOR THE CROP PRODUCTION OPTION:

ECON 1A	Princ of Microecon	(4)		ECON 202	Microeconomics	(3)
	OR				OR	
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) | POLISC 150 Introduction to (3)
| American Government
and Politics

THREE COURSES FROM THE FOLLOWING:

POL SCI 2 Intro Comp Politics (4) | POLISC 250 Comparative (3)
| Government and
| Politics
POL SCI 3 Internatl Relations (4) | POLISC 270 International (3)
| Relations
POL SCI 4 Bas Cnpt/Pol Thry (4) | POLISC 230 Political Theory (3)
POL SCI 5 Probs/Am Pol Sys (4) | NO COMPARABLE COURSE
POL SCI 7 Law & Politics (4) | NO COMPARABLE COURSE

POL SCI 51 Scientific Study of (4) | NO COURSE ARTICULATED: College has not
Politics | submitted course(s) for articulation

ONE COURSE FROM THE FOLLOWING:

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
STATIST 13 Elementary Statistics (4) | MATH 140 Introductory (4)
Same as: STATIST 13Y | Statistics
| OR
| MATH 140H Introductory (4)
| Statistics - Honors
| OR
| PSYCH 104 Statistics for the (3)
| Behavioral Sciences
STATIST 32 Gateway to Data Science (4) | NO COMPARABLE COURSE
END OF MAJOR

====Political Science A.B.====

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

THREE COURSES FROM THE FOLLOWING:

POL SCI 1	Amer Natl Govt	(4)	POLISC 150	Introduction to American Government and Politics	(3)
POL SCI 2	Intro Comp Politics	(4)	POLISC 250	Comparative Government and Politics	(3)
POL SCI 3	Internatl Relations	(4)	POLISC 270	International Relations	(3)
POL SCI 4	Bas Cnpt/Pol Thry	(4)	POLISC 230	Political Theory	(3)

ONE COURSE FROM THE FOLLOWING:

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

POL SCI 1	Amer Natl Govt	(4)	POLISC 150	Introduction to American Government and Politics	(3)
POL SCI 2	Intro Comp Politics	(4)	POLISC 250	Comparative Government and Politics	(3)
POL SCI 3	Internatl Relations	(4)	POLISC 270	International Relations	(3)
POL SCI 4	Bas Cnpt/Pol Thry	(4)	POLISC 230	Political Theory	(3)
POL SCI 5	Probs/Am Pol Sys	(4)	NO COMPARABLE COURSE		
POL SCI 7	Law & Politics	(4)	NO COMPARABLE COURSE		
POL SCI 11A	America Decides	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
POL SCI 11B	Citizen Lawmaking	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
POL SCI 11C	Politics & Film	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		

POL SCI 11D	Political Persuasion	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
POL SCI 12A	Politics & Sports	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
POL SCI 12B	Climate Chg & Politics	(4)		

POL SCI 51	Scientific Study of Politics	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation

POL SCI 12Y	Data Visualization	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
Same as: COMUNCN 12Y, PSYCH 12Y, SOCIOL 12Y				
OR			OR	
STATIST 13	Elementary Statistics	(4)		MATH 140 Introductory Statistics (4)
Same as: STATIST 13Y				
OR			OR	
			MATH 140H Introductory Statistics - Honors (4)	
OR			OR	
			PSYCH 104 Statistics for the Behavioral Sciences (3)	

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

END OF MAJOR

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

Special Advising Note:

REQUIREMENTS FOR ADMISSION:
(for 2019-20)

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

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

- Psychology 1;
- Statistics 13;
- One of these two options:
 - Biological Sciences 2A,
 - or
 - *Biological Sciences 10 and one course from:
 - Anthropology 1 or
 - Molecular and Cellular Biology 10 or
 - Neurobiology, Physiology and Behavior 10

Applicants to psychology apply to the major, without reference to A.B. or B.S. degrees or emphases, which are chosen after enrollment at UC Davis. Transfer students are advised that although requirements for admission (listed above) in the psychology major are the same for the A.B. and B.S. degree options,

lower-division preparation for graduation in the major may vary based on the degree and emphasis. Students are encouraged to view coursework for the A.B. degree and the B.S. degree with available biological and quantitative emphases.

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

PSYCH 1	General Psychology	(4)	PSYCH 101	Introduction to Psychology	(3)
			<u>OR</u>		
			PSYCH 101H	Introduction to Psychology - Honors	(3)
PSYCH 41	Research Methods	(4)	PSYCH 103	Introduction to Behavioral Research	(3)

STATIST 13	Elementary Statistics	(4)	MATH 140	Introductory Statistics	(4)
	Same as: STATIST 13Y		<u>OR</u>		
			MATH 140H	Introductory Statistics - Honors	(4)
			<u>OR</u>		
			PSYCH 104	Statistics for the Behavioral Sciences	(3)

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSCI 107	Molecular and Cellular Biology	(4)
			<u>OR</u>		
			BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)

OR A COMBINATION OF

BIOLSCI 10	Everyday Biology	(4)	BIOSCI 100	General Biology	(4)
			<u>OR</u>		
			BIOSCI 100H	General Biology - Honors	(4)

AND ONE COURSE FROM

ANTHRO 1	Human Evol Biol	(4)	ANTHRO 101	Physical Anthropology	(3)
			<u>OR</u>		
			ANTHRO 101H	Physical Anthropology - Honors	(3)
	<u>OR</u>		<u>OR</u>		
MOL&CB 10	Intro Human Heredity	(4)	BIOSCI 140	Principles of Human Genetics	(3)
	<u>OR</u>		<u>OR</u>		
NE PH B 10	Elem Human Physio	(3)	BIOSCI 204	Human Anatomy and Physiology I	(4)
			<u>OR</u>		
			BIOSCI 205	Human Anatomy and Physiology II	(4)

END OF MAJOR

====Psychology B.S. (Biological)====

Special Advising Note:

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

Psychology 1;

Statistics 13;

One of these two options:

Biological Sciences 2A,

or

*Biological Sciences 10 and one course from:

Anthropology 1 or

Molecular and Cellular Biology 10 or

Neurobiology, Physiology and Behavior 10

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

PSYCH 1	General Psychology	(4)	PSYCH 101	Introduction to Psychology	(3)
			OR		
			PSYCH 101H	Introduction to Psychology - Honors	(3)
PSYCH 41	Research Methods	(4)	PSYCH 103	Introduction to Behavioral Research	(3)

STATIST 13	Elementary Statistics	(4)	MATH 140	Introductory Statistics	(4)
	Same as: STATIST 13Y		OR		
			MATH 140H	Introductory Statistics - Honors	(4)
			OR		
			PSYCH 104	Statistics for the Behavioral Sciences	(3)

MATH 16A	Short Calculus	(3)	MATH 211	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 212	Calculus II	(5)
	OR		OR		
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR		OR		
MATH 21A	Calculus	(4)	MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)

PHYSICS 10	Topics, Nonscientists	(4)	NO COMPARABLE COURSE		
	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)	PHYSIC 110	General Physics I	(4)
			PHYSIC 111	General Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYSIC 110	General Physics I	(4)
			PHYSIC 111	General Physics II	(4)

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

BIOLSCI 2A	Intro Biology: Life on	(5)	BIOSCI 107	Molecular and	(4)
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	Earth			<u>OR</u>	Cellular Biology	
				BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOSCI 106	Organismal and Environmental Biology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOSCI 106	Organismal and Environmental Biology	(4)

CHEM 2A	Genl Chemistry	(5)		CHEM 201	General Chemistry I	(6)
				<u>OR</u>		
				CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)		CHEM 201 & CHEM 202	General Chemistry I & General Chemistry II	(6) (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 255	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)		CHEM 255 & CHEM 256	Organic Chemistry I & Organic Chemistry II	(5) (5)
	<u>OR</u>			<u>OR</u>		
CHEM 128A	Organic Chemistry	(3)		CHEM 255	Organic Chemistry I	(5)
CHEM 128B	Organic Chemistry	(3)		CHEM 255 & CHEM 256	Organic Chemistry I & Organic Chemistry II	(5) (5)

END OF MAJOR

====Psychology B.S. (Quantitative)====

Special Advising Note:

REQUIREMENTS FOR ADMISSION:

(for 2018-19)

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

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

Psychology 1;

Statistics 13;

One of these two options:

Biological Sciences 2A

or

Biological Sciences 10 and one course from:

Anthropology 1 or

Molecular and Cellular Biology 10 or

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

PSYCH 1	General Psychology	(4)		PSYCH 101	Introduction to Psychology	(3)
				OR		
				PSYCH 101H	Introduction to Psychology - Honors	(3)
PSYCH 41	Research Methods	(4)		PSYCH 103	Introduction to Behavioral Research	(3)
STATIST 13	Elementary Statistics	(4)		MATH 140	Introductory	(4)

Same as: STATIST 13Y

Statistics

OR

MATH 140H Introductory (4)
Statistics - Honors

OR

PSYCH 104 Statistics for the (3)
Behavioral Sciences

MATH 21A Calculus (4) | MATH 211 Calculus I (5)
MATH 21B Calculus (4) | MATH 212 Calculus II (5)
MATH 21C Calculus (4) | MATH 213 Calculus III (5)

ENG CS 36A Programming (4) | CMPSCI 111 Introduction to (3)
Formerly ENG CS 30 Computer Algorithms
and Programming/JAVA

OR

CMPSCI 235 C Programming (3)

OR

ENG CS 32A Intro to Programming(4)
Formerly ENG CS 10

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.

CHEM 10 Concept of Chem (4) | NO COMPARABLE COURSE

OR

CHEM 2A Genl Chemistry (5) | CHEM 201 General Chemistry I (6)

OR

CHEM 201H General Chemistry I - (6)
Honors

CHEM 2B Genl Chemistry (5) | CHEM 201 & General Chemistry I (6)

CHEM 202 General Chemistry II (5)

OR

CHEM 2AH Honors Genl Chemistry (5) | NO COURSE ARTICULATED: College has not
submitted course(s) for articulation

CHEM 2BH Honors Genl Chemistry (5) | NO COURSE ARTICULATED: College has not
submitted course(s) for articulation

PHYSICS 10 Topics, Nonscientists (4) | NO COMPARABLE COURSE

OR

PHYSICS 10C Physics of California (3) | NO COURSE ARTICULATED: College has not
submitted course(s) for articulation

OR

PHYSICS 7A General Physics (4) | PHYSIC 110 & General Physics I (4)

PHYSIC 111 General Physics II (4)

PHYSICS 7B General Physics (4) | PHYSIC 110 & General Physics I (4)

PHYSIC 111 General Physics II (4)

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

BIOLSCI 2A Intro Biology:Life on Earth (5) | BIOSCI 107 Molecular and Cellular Biology (4)

OR

BIOSCI 107H Molecular and Cellular Biology - Honors (4)

OR A COMBINATION OF

BIOLSCI 10	Everyday Biology	(4)	BIOSCI 100	General Biology	(4)
			<u>OR</u>		
			BIOSCI 100H	General Biology - Honors	(4)

AND ONE COURSE FROM

ANTHRO 1	Human Evol Biol	(4)	ANTHRO 101	Physical Anthropology	(3)
			<u>OR</u>		
			ANTHRO 101H	Physical Anthropology - Honors	(3)
	<u>OR</u>		<u>OR</u>		
MOL&CB 10	Intro Human Heredity	(4)	BIOSCI 140	Principles of Human Genetics	(3)
	<u>OR</u>		<u>OR</u>		
NE PH B 10	Elem Human Physio	(3)	BIOSCI 204	Human Anatomy and Physiology I	(4)
			<u>OR</u>		
			BIOSCI 205	Human Anatomy and Physiology II	(4)

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG 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)	PHILOS 220	Introduction to Comparative Religion	(3)
REL STD 1A	Pilgrimage	(4)	NO COMPARABLE COURSE		
REL STD 1B	Death and Afterlife	(4)	NO COMPARABLE COURSE		
REL STD 1C	Sacrifice	(4)	NO COMPARABLE COURSE		
REL STD 1D	Conversion	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
REL STD 1E	Fundamentalism	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
REL STD 1F	Religion Today	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
REL STD 1G	Myth Ritual Symbol	(4)	NO COMPARABLE COURSE		
REL STD 1H	Sex, Marriage, Divorce	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
REL STD 1J	Music, Voice, Word	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

FOUR COURSES FROM THE FOLLOWING:

REL STD 5	Comparative Religion	(2)	NO COURSE ARTICULATED		
REL STD 6	Intro Health Humanities	(4)	NO COURSE ARTICULATED		
REL STD 10	Contemporary Ethical Issues	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
REL STD 10A	Contemporary Ethical Issues	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
REL STD 11	Ethical Eating	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
REL STD 12	Emergence Abrahamic Religions	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
REL STD 21	The Bible	(4)	NO COMPARABLE COURSE		
REL STD 23	Intro Judaism	(4)	NO COMPARABLE COURSE		
REL STD 30	South Asian Religions	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
REL STD 40	New Testament	(4)	NO COMPARABLE COURSE		
REL STD 42	Religion and Sci Fiction	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
REL STD 45	Christianity	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
REL STD 60	Introduction to Islam	(4)	NO COMPARABLE COURSE		
REL STD 65C	The Qur'an and Its Interpretation	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
REL STD 67	Modern Hinduism	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
REL STD 68	Hinduism	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
REL STD 69	Intro Hindu Mythology	(4)	NO COURSE ARTICULATED: College has not		

REL STD 70	Religion and Language	(4)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
REL STD 75	Introduction to Chinese Philosophy	(4)	NO COMPARABLE COURSE
REL STD 80	Religion, Gender, Sex	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

**A reading knowledge of a foreign language is highly recommended.
END OF MAJOR**

====Russian A.B.====

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

Students with only one year or less of Russian at the community

college level should consult with an advisor in the Russian Department at UC Davis before continuing on with the Russian series.

RUSSIAN 1	Elementary Russian	(5)	NO COMPARABLE COURSE
RUSSIAN 2	Elementary Russian	(5)	NO COMPARABLE COURSE
RUSSIAN 3	Elementary Russian	(5)	NO COMPARABLE COURSE
RUSSIAN 4	Intermed Russian	(4)	NO COMPARABLE COURSE
RUSSIAN 5	Intermed Russian	(4)	NO COMPARABLE COURSE
RUSSIAN 6	Intermed Russian	(4)	NO COMPARABLE COURSE

END OF MAJOR

====Science & Technology Studies A.B.====

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

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

8 QUARTER UNITS FROM THE FOLLOWING:

AMR STD 1A	Science and American Culture	(4)	NO COMPARABLE COURSE
AMR STD 1E	Nat&Cult Amr	(4)	NO COMPARABLE COURSE
AMR STD 5	Tech in Amr Lives	(4)	NO COMPARABLE COURSE
ENV S&P 1	Env Analysis	(4)	NO COMPARABLE COURSE
HUMAN 3	Medicine & Humanities	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PHILOS 30	Intro Philos of Sci	(4)	NO COMPARABLE COURSE
PHILOS 31	Scientific Reason	(4)	NO COMPARABLE COURSE
PHILOS 32	Scientific Change	(4)	NO COMPARABLE COURSE
SCI&SOC 1	Critical Inquiry into Contemporary Issues	(4)	NO COMPARABLE COURSE
SCI&SOC 2	Feeding the Planet	(3)	NO COMPARABLE COURSE
SCI&SOC 3	Sci,Tech&Society	(4)	NO COMPARABLE COURSE
SCI&SOC 5	Discovery:Sci & Soc	(3)	NO COMPARABLE COURSE
SCI&TEC 32	Drugs, Science and Culture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	Same as: ANTHRO 32		

4 quarter units of lower-division science courses from the Approved Science Electives list. To see the list, click on <http://sts.ucdavis.edu/undergraduate/sts-major-requirements>

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

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

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

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

SOCIOL 1	Intro Sociology	(5)		SOCI 101	Introduction to Sociology	(3)
<hr/>						
SOCIOL 46A	Intro Social Rsch	(4)		NO COMPARABLE COURSE		
	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)		SOCI 207	Social Problems	(3)
SOCIOL 4	Immigrtn & Opprtnty	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
SOCIOL 5	Global Soc Change	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
SOCIOL 11	Sociology of Labor and Employment	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
SOCIOL 25	Popular Culture	(4)		NO COMPARABLE COURSE		
SOCIOL 30A	Multicultural Societies	(3)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
SOCIOL 30B	Multicultural Societies	(3)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

ONE COURSE FROM THE FOLLOWING:

ANTHRO 2	Cultural Anthropology	(5)		ANTHRO 103	Cultural Anthropology	(3)
	OR			OR		
ANTHRO 20	Comparative Cultures	(4)		NO COMPARABLE COURSE		

ONE COURSE FROM THE FOLLOWING:

HISTORY 4A	Western Civ	(4)		HIST 101	History of Western Civilization: The Pre-Industrial West	(3)
HISTORY 4B	Western Civ	(4)		HIST 101	& History of Western Civilization: The Pre-Industrial West	(3)
				HIST 102	History of Western Civilization: The Modern Era	(3)
HISTORY 4C	Western Civ	(4)		HIST 102	History of Western Civilization: The Modern Era	(3)
HISTORY 6	Intro to Middle East	(4)		NO COURSE ARTICULATED: College has not		

HISTORY 7A	Latin America to 1700	(4)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not
HISTORY 7B	Latin America 1700-1900	(4)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not
HISTORY 7C	Latin America 1900-Present	(4)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not
HISTORY 8	Indian Civilization	(4)	NO COMPARABLE COURSE
HISTORY 9A	East Asian Civ	(4)	NO COMPARABLE COURSE
HISTORY 9B	East Asian Civ	(4)	NO COMPARABLE COURSE
HISTORY 10C	World History III	(4)	NO COMPARABLE COURSE
HISTORY 15A	Africa to 1900	(4)	NO COURSE ARTICULATED
HISTORY 15B	Africa Today	(4)	NO COURSE ARTICULATED
HISTORY 17A	U.S. History	(4)	HIST 111 United States History (3)
HISTORY 17B	U.S. History	(4)	HIST 112 United States History (3)
			I
			II

ONE COURSE FROM THE FOLLOWING:

PHILOS 5	Critical Reasoning	(4)	PHILOS 106	Critical Reasoning	(3)
PHILOS 14	Eth Soc Prob in Soc	(4)	PHILOS 240	Contemporary Moral Problems	(3)
PHILOS 24	Intro to Ethics	(4)	PHILOS 120	Introduction to Ethics	(3)

END OF MAJOR

**====Sociology A.B. (Comparative Studies and World Development)====
Special Advising Note:**

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

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)		SOCI 101	Introduction to Sociology	(3)
SOCIOL 5	Global Soc Change	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
SOCIOL 46A	Intro Social Rsch	(4)		NO COMPARABLE COURSE		
	AND			AND		
SOCIOL 46B	Intro Social Rsch	(5)		NO COMPARABLE COURSE		
ECON 1B	Princ of Macroecon	(4)		ECON 201	Macroeconomics	(3)
ANTHRO 2	Cultural Anthropology	(5)		ANTHRO 103	Cultural Anthropology	(3)
	OR			OR		
ANTHRO 20	Comparative Cultures	(4)		NO COMPARABLE COURSE		
HISTORY 10C	World History III	(4)		NO COMPARABLE COURSE		
	OR			OR		
POL SCI 2	Intro Comp Politics	(4)		POLISC 250	Comparative Government and Politics	(3)

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

END OF MAJOR

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

Special Advising Note:

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

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Transfer Admission Guarantee (TAG) Note:

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

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College Foreign Language Requirement Note:

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

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SOCIOL 1	Intro Sociology	(5)	SOCI 101	Introduction to Sociology	(3)
SOCIOL 3	Social Problems	(4)	SOCI 207	Social Problems	(3)
	OR			OR	
SOCIOL 4	Immigrtn & Opprtnty	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR	
SOCIOL 11	Sociology of Labor and Employment	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
SOCIOL 46A	Intro Social Rsch	(4)	NO COMPARABLE COURSE		
	AND			AND	
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE		

4 QUARTER UNITS FROM THE FOLLOWING:

ANTHRO 2	Cultural Anthropology	(5)	ANTHRO 103	Cultural Anthropology	(3)
ANTHRO 20	Comparative Cultures	(4)	NO COMPARABLE COURSE		
POL SCI 1	Amer Natl Govt	(4)	POLISC 150	Introduction to American Government and Politics	(3)
POL SCI 3	Internatl Relations	(4)	POLISC 270	International Relations	(3)
POL SCI 4	Bas Cnpt/Pol Thry	(4)	POLISC 230	Political Theory	(3)
POL SCI 7	Law & Politics	(4)	NO COMPARABLE COURSE		

4 QUARTER UNITS FROM THE FOLLOWING:

HISTORY 4A	Western Civ	(4)	HIST 101	History of Western Civilization: The Pre-Industrial West	(3)
HISTORY 4B	Western Civ	(4)	HIST 101 &	History of Western Civilization: The Pre-Industrial West	(3)
			HIST 102	History of Western Civilization: The Modern Era	(3)
HISTORY 4C	Western Civ	(4)	HIST 102	History of Western Civilization: The Modern Era	(3)
HISTORY 6	Intro to Middle East	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
HISTORY 7A	Latin America to 1700	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
HISTORY 7B	Latin America 1700-1900	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
HISTORY 7C	Latin America 1900-Present	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
HISTORY 8	Indian Civilization	(4)	NO COMPARABLE COURSE		
HISTORY 9A	East Asian Civ	(4)	NO COMPARABLE COURSE		
HISTORY 9B	East Asian Civ	(4)	NO COMPARABLE COURSE		
HISTORY 10C	World History III	(4)	NO COMPARABLE COURSE		
HISTORY 15A	Africa to 1900	(4)	NO COURSE ARTICULATED		
HISTORY 15B	Africa Today	(4)	NO COURSE ARTICULATED		
HISTORY 17A	U.S. History	(4)	HIST 111	United States History I	(3)
HISTORY 17B	U.S. History	(4)	HIST 112	United States History II	(3)

PHILOS 5	Critical Reasoning	(4)	PHILOS 106	Critical Reasoning	(3)
	OR			OR	
PHILOS 14	Eth Soc Prob in Soc	(4)	PHILOS 240	Contemporary Moral Problems	(3)
	OR			OR	
PHILOS 24	Intro to Ethics	(4)	PHILOS 120	Introduction to Ethics	(3)

END OF MAJOR

====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:

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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.

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

AP and IB examination credit policies 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)		SOCI 101	Introduction to Sociology	(3)
SOCIOL 2	Self and Society	(4)		NO COMPARABLE COURSE		
	OR			OR		
SOCIOL 3	Social Problems	(4)		SOCI 207	Social Problems	(3)
SOCIOL 46A	Intro Social Rsch	(4)		NO COMPARABLE COURSE		
	AND			AND		
SOCIOL 46B	Intro Social Rsch	(5)		NO COMPARABLE COURSE		
PSYCH 1	General Psychology	(4)		PSYCH 101	Introduction to Psychology	(3)
				OR		
				PSYCH 101H	Introduction to Psychology - Honors	(3)

6-8 QUARTER UNITS FROM THE FOLLOWING:

AF-AMST 10	Af-Am Culture & Soc	(4)		NO COMPARABLE COURSE		
AF-AMST 15	Intro Afro Amer Hum	(4)		NO COMPARABLE COURSE		
A A STD 1	Hist Exp Asian Am	(4)		NO COMPARABLE COURSE		
A A STD 2	Contemp Issues of Asian Americans	(4)		NO COMPARABLE COURSE		
CHICANO 10	Intro to Chic Std	(4)		NO COMPARABLE COURSE		
CHICANO 50	Chicano Culture	(4)		NO COMPARABLE COURSE		
N A STD 1	Intro NA Studies	(4)		NO COMPARABLE COURSE		
N A STD 10	NA Experience	(4)		NO COMPARABLE COURSE		
SOCIOL 4	Immigrtn & Opprtnty	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
SOCIOL 11	Sociology of Labor and Employment	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
SOCIOL 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

====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.

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Transfer Admission Guarantee (TAG) Note:

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College Foreign Language Requirement Note:

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SOCIOL 1	Intro Sociology	(5)		SOCI 101	Introduction to	(3)
					Sociology	
	AND			AND		
SOCIOL 2	Self and Society	(4)		NO COMPARABLE COURSE		
SOCIOL 4	Immigrtn & Opprtnty	(4)		NO COURSE ARTICULATED: College has not		
				submitted course(s) for articulation		

SOCIOL 5	Global Soc Change	(4)	OR	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
SOCIOL 11	Sociology of Labor and Employment	(4)	OR	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
SOCIOL 46A	Intro Social Rsch	(4)	AND	NO COMPARABLE COURSE
SOCIOL 46B	Intro Social Rsch	(5)	AND	NO COMPARABLE COURSE
ECON 1A	Princ of Microecon	(4)	AND	ECON 202 Microeconomics (3)
ECON 1B	Princ of Macroecon	(4)	AND	ECON 201 Macroeconomics (3)

END OF MAJOR

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

Special Advising Note:

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

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SPANISH 1	Elementary Spanish	(5)	SPAN 101	Elementary Spanish I	(4)
SPANISH 2	Elementary Spanish	(5)	SPAN 101 &	Elementary Spanish I	(4)
			SPAN 102	Elementary Spanish II	(4)
SPANISH 3	Elementary Spanish	(5)	SPAN 102	Elementary Spanish II	(4)
SPANISH 21	Intm Spanish	(5)	SPAN 201 &	Intermediate Spanish I	(4)
			SPAN 202	Intermediate Spanish	(4)
				II	
SPANISH 22	Intm Spanish	(5)	SPAN 201 &	Intermediate Spanish I	(4)
			SPAN 202	Intermediate Spanish	(4)
				II	
SPANISH 23	Span Comp I	(4)	SPAN 201 &	Intermediate Spanish I	(4)
			SPAN 202	Intermediate Spanish	(4)
				II	
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)	NO COMPARABLE COURSE
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END OF MAJOR

====Statistics A.B.====

Special Advising Note:

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

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MATH 16A	Short Calculus	(3)	MATH 211	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 212	Calculus II	(5)
MATH 16C	Short Calculus	(3)	MATH 212	Calculus II	(5)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 213	Calculus III	(5)
<hr/>					
MATH 22A	Linear Algebra	(3)	MATH 214	Linear Algebra	(3)
<hr/>					
ENG CS 32A	Intro to Programming	(4)	NO COMPARABLE COURSE		
	Formerly ENG CS 10				
	OR			OR	
ENG CS 36A	Programming	(4)	CMPSCI 111	Introduction to Computer Algorithms and Programming/JAVA	(3)
	Formerly ENG CS 30				
	OR			OR	
			OR		
ENG CS 36B	Object-Oriented Program	(4)	CMPSCI 235	C Programming	(3)
	Formerly ENG CS 40				
				OR	
			CMPSCI 236	C++ Object Oriented Programming	(3)

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

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

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MATH 16A	Short Calculus	(3)	MATH 211	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 212	Calculus II	(5)
MATH 16C	Short Calculus	(3)	MATH 212	Calculus II	(5)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 213	Calculus III	(5)

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

MATH 22A	Linear Algebra	(3)	MATH 214	Linear Algebra	(3)
ENG CS 32A	Intro to Programming(4) Formerly ENG CS 10		NO COMPARABLE COURSE		

OR		OR
ENG CS 36A Programming Formerly ENG CS 30	(4)	CMPSCI 111 Introduction to Computer Algorithms and Programming/JAVA (3)
		OR
		CMPSCI 235 C Programming (3)
OR		OR
ENG CS 36B Object-Oriented Program Formerly ENG CS 40	(4)	CMPSCI 236 C++ Object Oriented Programming (3)

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AND ONE COURSE FROM

STATIST 12 Discrete Probabil	(4)	NO COMPARABLE COURSE
STATIST 13 Elementary Statistics Same as: STATIST 13Y	(4)	MATH 140 Introductory Statistics (4)
		OR
		MATH 140H Introductory Statistics - Honors (4)
		OR
		PSYCH 104 Statistics for the Behavioral Sciences (3)
STATIST 32 Gateway to Data Science	(4)	NO COMPARABLE COURSE

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

END OF MAJOR

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

Special Advising Note:

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MATH 21A	Calculus	(4)	MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 213	Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH 213	Calculus III	(5)
MATH 22A	Linear Algebra	(3)	MATH 214	Linear Algebra	(3)
<hr/>					
ENG CS 36C	Data Structures	(4)	CMPSCI 282	Advanced Data Structures	(3)
	Formerly ENG CS 60				

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AND ONE COURSE FROM

STATIST 12	Discrete Probabil	(4)	NO COMPARABLE COURSE		
STATIST 13	Elementary Statistics	(4)	MATH 140	Introductory Statistics	(4)
	Same as: STATIST 13Y				
			<u>OR</u>		
			MATH 140H	Introductory Statistics - Honors	(4)
			<u>OR</u>		
			PSYCH 104	Statistics for the Behavioral Sciences	(3)
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		

END OF MAJOR

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

Special Advising Note:

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MATH 21A	Calculus	(4)	MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 213	Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH 213	Calculus III	(5)

MATH 22A	Linear Algebra	(3)	MATH 214	Linear Algebra	(3)
	OR			OR	
MATH 67	Modern Linear Algebra	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

MATH 25	Advanced Calculus	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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ENG CS 32A	Intro to Programming(4)		NO COMPARABLE COURSE		
	Formerly ENG CS 10				
	OR			OR	
ENG CS 36A	Programming	(4)	CMPSCI 111	Introduction to	(3)
	Formerly ENG CS 30			Computer Algorithms	
				and Programming/JAVA	
			OR		
			CMPSCI 235	C Programming	(3)
	OR			OR	
ENG CS 36B	Object-Oriented Program	(4)	CMPSCI 236	C++ Object Oriented	(3)
	Formerly ENG CS 40			Programming	

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

AND ONE COURSE FROM

STATIST 13	Elementary Statistics	(4)	MATH 140	Introductory	(4)
	Same as: STATIST 13Y			Statistics	
			OR		

			MATH 140H	Introductory Statistics - Honors	(4)
			<u>OR</u>		
			PSYCH 104	Statistics for the Behavioral Sciences	(3)
STATIST 12	Discrete Probabil	(4)	NO COMPARABLE COURSE		
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		

====Statistics B.S. (Statistical Data Science Track)====

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

MATH 21A	Calculus	(4)	MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 213	Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH 213	Calculus III	(5)
MATH 22A	Linear Algebra	(3)	MATH 214	Linear Algebra	(3)

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

ENG CS 36A	Programming Formerly ENG CS 30	(4)	CMPSCI 111	Introduction to Computer Algorithms and Programming/JAVA	(3)
			<u>OR</u>		
			CMPSCI 235	C Programming	(3)
			<u>OR</u>		
ENG CS 36B	Object-Oriented Program Formerly ENG CS 40	(4)	CMPSCI 236	C++ Object Oriented Programming	(3)

STATIST 12	Discrete Probabil	(4)	NO COMPARABLE COURSE		
			<u>OR</u>		
STATIST 13	Elementary Statistics Same as: STATIST 13Y	(4)	MATH 140	Introductory Statistics	(4)
			<u>OR</u>		
			MATH 140H	Introductory Statistics - Honors	(4)
			<u>OR</u>		
			PSYCH 104	Statistics for the Behavioral Sciences	(3)
			<u>OR</u>		
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		

END OF MAJOR

====Sustainable Agriculture and Food Systems B.S.====

Special Advising Note:

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

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

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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)	COMS 105	Fundamentals of Public Speaking	(3)
			OR		
			COMS 105H	Fundamentals in Public Speaking-Honors	(3)
PL SCI 15	Intro Sustainable Agriculture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CM&RGDE 20	Food Systems	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
PL PATH 40	Edible Mushroom Cult	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR		OR		
PL SCI 49	Org Crop Prod Prac	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

Select one of the following courses:

AN SCI 41L	Domest An Prod Lab	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AN SCI 49A	Animal Prac/Aquaculture	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AN SCI 49B	Animal Prac/Beef	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AN SCI 49C	Animal Prac/Dairy	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AN SCI 49D	Animal Prac/Goats	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AN SCI 49E	Animal Prac/Horses	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AN SCI 49F	Animal Prac/Lab Animals	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AN SCI 49G	Animal Prac/Meats	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AN SCI 49H	Animal Prac/Poultry	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AN SCI 49I	Animal Prac/Sheep	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AN SCI 49J	Animal Prac/Swine	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

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

PLUS CHOOSE ONE OF THE FOLLOWING THREE TRACKS:

TRACK I: AGRICULTURE AND ECOLOGY

MATH 16A	Short Calculus	(3)	MATH 211	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 212	Calculus II	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 201	General Chemistry I	(6)
			OR		
			CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)	CHEM 201 &	General Chemistry I	(6)
			CHEM 202	General Chemistry II	(5)

PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE
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BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)
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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 202	Microeconomics	(3)
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CM&RGDE 1	The Community	(4)	NO COMPARABLE COURSE
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PHILOS 14	Eth Soc Prob in Soc	(4)	PHILOS 240	Contemporary Moral Problems	(3)
	OR		OR		
PHILOS 15	Intro to Bioethics	(4)	NO COMPARABLE COURSE		

PHILOS 24	OR Intro to Ethics	(4)	PHILOS 120	OR Introduction to Ethics	(3)
ANTHRO 2	Cultural Anthropology	(5)	ANTHRO 103	Cultural Anthropology	(3)
POL SCI 4	OR Bas Cnpt/Pol Thry	(4)	POLISC 230	OR Political Theory	(3)
SOCIOL 1	OR Intro Sociology	(5)	SOCI 101	OR Introduction to Sociology	(3)
SOCIOL 3	OR Social Problems	(4)	SOCI 207	OR Social Problems	(3)

TRACK II: FOOD AND SOCIETY

PHILOS 5	Critical Reasoning	(4)	PHILOS 106	Critical Reasoning	(3)
PHILOS 31	OR Scientific Reason	(4)	NO COMPARABLE COURSE		
PHILOS 14	Eth Soc Prob in Soc	(4)	PHILOS 240	Contemporary Moral Problems	(3)
PHILOS 15	OR Intro to Bioethics	(4)	NO COMPARABLE COURSE		
PHILOS 24	OR Intro to Ethics	(4)	PHILOS 120	OR Introduction to Ethics	(3)
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE		
STATIST 13	OR Elementary Statistics Same as: STATIST 13Y	(4)	MATH 140	Introductory Statistics	(4)
			OR MATH 140H	Introductory Statistics - Honors	(4)
			OR PSYCH 104	Statistics for the Behavioral Sciences	(3)
CHEM 2A	Genl Chemistry	(5)	CHEM 201	General Chemistry I	(6)
			OR CHEM 201H	General Chemistry I - Honors	(6)
BIOLSCI 10	Everyday Biology	(4)	BIOSCI 100	General Biology	(4)
			OR BIOSCI 100H	General Biology - Honors	(4)
PL SCI 2	Bot Physio Cul Plt	(4)	NO COMPARABLE COURSE		
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)
ENV S&P 1	OR Env Analysis	(4)	NO COMPARABLE COURSE		
ENV S&P 30	OR Global Ecosystem Same as: ENV SC&M 30	(3)	NO COMPARABLE COURSE		
W&F BIO 10	OR Wildl Ecol Conserve	(4)	NO COMPARABLE COURSE		
W&F BIO 51	OR Intro to Conservation	(3)	NO COURSE ARTICULATED: College has not		

Biology		submitted course(s) for articulation	
FD S&T 1	Food Sci Principles	(3)	NO COMPARABLE COURSE
SOILSCI 10	Soils in Our Environment	(3)	NO COMPARABLE COURSE
ECON 1A	Princ of Microecon	(4)	ECON 202 Microeconomics (3)
POL SCI 4	Bas Cnpt/Pol Thry	(4)	POLISC 230 Political Theory (3)
ANTHRO 2	Cultural Anthropology	(5)	ANTHRO 103 Cultural Anthropology (3)
	OR		OR
SOCIO 1	Intro Sociology	(5)	SOCI 101 Introduction to Sociology (3)
	OR		OR
SOCIO 3	Social Problems	(4)	SOCI 207 Social Problems (3)
CM&RGDE 1	The Community	(4)	NO COMPARABLE COURSE
CM&RGDE 2	Ethnicity Amer Comm	(4)	NO COMPARABLE COURSE

TRACK III: ECONOMICS AND POLICY

MATH 16A	Short Calculus	(3)	MATH 211 Calculus I (5)
MATH 16B	Short Calculus	(3)	MATH 212 Calculus II (5)
SOCIO 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE
	OR		OR
STATIST 13	Elementary Statistics	(4)	MATH 140 Introductory Statistics (4)
	Same as: STATIST 13Y		
			OR
			MATH 140H Introductory Statistics - Honors (4)
			OR
			PSYCH 104 Statistics for the Behavioral Sciences (3)
CHEM 2A	Genl Chemistry	(5)	CHEM 201 General Chemistry I (6)
			OR
			CHEM 201H General Chemistry I - Honors (6)
BIOLSCI 10	Everyday Biology	(4)	BIOSCI 100 General Biology (4)
			OR
			BIOSCI 100H General Biology - Honors (4)
PL SCI 2	Bot Physio Cul Plt	(4)	NO COMPARABLE COURSE
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106 Organismal and Environmental Biology (4)
	OR		OR
ENV S&P 1	Env Analysis	(4)	NO COMPARABLE COURSE
	OR		OR
ENV S&P 30	Global Ecosystem	(3)	NO COMPARABLE COURSE
	Same as: ENV SC&M 30		
	OR		OR
W&F BIO 10	Wildl Ecol Conserve	(4)	NO COMPARABLE COURSE
	OR		OR
W&F BIO 51	Intro to Conservation Biology	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

FD S&T 1	Food Sci Principles	(3)	NO COMPARABLE COURSE		
SOILSCI 10	Soils in Our Environment	(3)	NO COMPARABLE COURSE		
ECON 1A	Princ of Microecon	(4)	ECON 202	Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 201	Macroeconomics	(3)
POL SCI 4	Bas Cnpt/Pol Thry	(4)	POLISC 230	Political Theory	(3)
ANTHRO 2	Cultural Anthropology	(5)	ANTHRO 103	Cultural Anthropology	(3)
	OR			OR	
SOCIOL 1	Intro Sociology	(5)	SOCI 101	Introduction to Sociology	(3)
	OR			OR	
SOCIOL 3	Social Problems	(4)	SOCI 207	Social Problems	(3)
CM&RGDE 1	The Community	(4)	NO COMPARABLE COURSE		
PHILOS 14	Eth Soc Prob in Soc	(4)	PHILOS 240	Contemporary Moral Problems	(3)
	OR			OR	
PHILOS 15	Intro to Bioethics	(4)	NO COMPARABLE COURSE		
	OR			OR	
PHILOS 24	Intro to Ethics	(4)	PHILOS 120	Introduction to Ethics	(3)

END OF MAJOR

====Sustainable Environmental Design B.S.====

Special Advising Note:

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from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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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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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			OR		
			COMS 105H	Fundamentals in Public Speaking-Honors	(3)

ENGLISH 3	Intro to Lit	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR	
UWRITING 1	Expository Writing	(4)	ENGL 101	English Composition	(3)
			OR		
			ENGL 101H	Honors - English Composition	(4)
	OR			OR	

UWRITING 48	Style in the Essay Formerly UWRITING 18	(4)	ENGL 103	Critical Reading, Writing and Thinking	(3)
OR					
UWRITING 49	Writing Research Papers Formerly UWRITING 19	(4)	ENGL 103	Critical Reading, Writing and Thinking	(3)
<hr/>					
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)

ALL OF THE FOLLOWING COURSES:

LND ARC 1	Intro Environ Design	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
LND ARC 2	Place,Culture,Community	(4)	NO COMPARABLE COURSE		
LND ARC 3	Sustainable Development	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
LND ARC 21	Landscape Rep I Formerly Design Visualization	(4)	NO COMPARABLE COURSE		
LND ARC 30	History Environ Design	(4)	NO COMPARABLE COURSE		
LND ARC 50	Site Ecology	(4)	NO COMPARABLE COURSE		
LND ARC 70	Intro to Spacemaking	(4)	NO COMPARABLE COURSE		

AND ONE COURSE IN A PHYSICAL SCIENCE

END OF MAJOR

e) If a student takes ENGL 103 at College of the Canyons, credit will be given for UC Davis's UWP 18 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.

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

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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)	CMPSCI 111	Introduction to (3)
Formerly ENG CS 30				Computer Algorithms and Programming/JAVA
			OR	

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 202	Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 201	Macroeconomics	(3)

4 QUARTER UNITS FROM THE FOLLOWING:

ANTHRO 2	Cultural Anthropology	(5)	ANTHRO 103	Cultural Anthropology	(3)
	OR			OR	
SCI&SOC 1	Critical Inquiry into Contemporary Issues	(4)	NO COMPARABLE COURSE		
	OR			OR	
ARTHI 1A	Ancient Mediterranean Art	(4)	ART 110	Art History: Ancient to Medieval	(3)
	OR			OR	
ARTHI 1B	Mediev&Renaiss Art	(4)	ART 110 &	Art History: Ancient to Medieval	(3)
			ART 111	Art History: Renaissance to Modern	(3)
	OR			OR	
ARTHI 1C	Baroque to Modern Art	(4)	ART 111	Art History: Renaissance to Modern	(3)
	OR			OR	
ARTHI 1D	Arts of Asia	(4)	NO COMPARABLE COURSE		

ALL OF THE FOLLOWING COURSES:

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

PSYCH 1	General Psychology	(4)	PSYCH 101	Introduction to Psychology	(3)
				OR	
			PSYCH 101H	Introduction to Psychology - Honors	(3)

SOCIO 2	Self and Society	(4)	NO COMPARABLE COURSE		
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STATIST 13	Elementary Statistics	(4)	MATH 140	Introductory Statistics	(4)
	OR			OR	
	Same as: STATIST 13Y		MATH 140H	Introductory Statistics - Honors	(4)
				OR	
			PSYCH 104	Statistics for the Behavioral Sciences	(3)

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

MGMT 11A	Elem Accounting	(4)	BUS 201 &	Principles of Accounting I	(5)
			BUS 202	Principles of Accounting II	(5)
MGMT 11B	Elem Accounting	(4)	NO COMPARABLE COURSE		

CHEM 10	Concept of Chem	(4)	NO COMPARABLE COURSE	
	OR			OR
CHEM 2A	Genl Chemistry	(5)	CHEM 201	General Chemistry I (6)
			OR	
			CHEM 201H	General Chemistry I - (6) Honors
MATH 16A	Short Calculus	(3)	MATH 211	Calculus I (5)
MATH 16B	Short Calculus	(3)	MATH 212	Calculus II (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 212	Calculus II (5)

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

END OF MAJOR

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

====Textiles and Clothing B.S. (Textile Science)====

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

The undergraduate major Textiles and Clothing in the College of Agricultural and Environmental Sciences is suspended for 2019-20, and fall 2019 TAGs will not be available.

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts

partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

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

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

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

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

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

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

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

PL SCI 21	Computers in Technology	(3)		NO COMPARABLE COURSE	
	OR			OR	
B) ENG CS 15	Intro to Computers	(4)		NO COMPARABLE COURSE	
	OR			OR	
ENG CS 36A	Programming	(4)		CMPSCI 111	Introduction to (3)
Formerly ENG CS 30					Computer Algorithms and Programming/JAVA
				OR	
				CMPSCI 235	C Programming (3)

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

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

ECON 1A	Princ of Microecon	(4)	ECON 202	Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 201	Macroeconomics	(3)

4 QUARTER UNITS FROM THE FOLLOWING:

ANTHRO 2	Cultural Anthropology	(5)	ANTHRO 103	Cultural Anthropology	(3)
	OR			OR	
SCI&SOC 1	Critical Inquiry into Contemporary Issues	(4)	NO COMPARABLE COURSE		
	OR			OR	
ARTHI 1A	Ancient Mediterranean Art	(4)	ART 110	Art History: Ancient to Medieval	(3)
	OR			OR	
ARTHI 1B	Mediev&Renaiss Art	(4)	ART 110 &	Art History: Ancient to Medieval	(3)
	OR		ART 111	Art History: Renaissance to Modern	(3)
	OR			OR	
ARTHI 1C	Baroque to Modern Art	(4)	ART 111	Art History: Renaissance to Modern	(3)
	OR			OR	
ARTHI 1D	Arts of Asia	(4)	NO COMPARABLE COURSE		

ALL OF THE FOLLOWING COURSES:

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

PSYCH 1	General Psychology	(4)	PSYCH 101	Introduction to Psychology	(3)
			OR		
			PSYCH 101H	Introduction to Psychology - Honors	(3)

SOCIOL 2	Self and Society	(4)	NO COMPARABLE COURSE		
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STATIST 13	Elementary Statistics	(4)	MATH 140	Introductory Statistics	(4)
	Same as: STATIST 13Y		OR		
			MATH 140H	Introductory Statistics - Honors	(4)
			OR		
			PSYCH 104	Statistics for the Behavioral Sciences	(3)

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

CHEM 2A	Genl Chemistry	(5)	CHEM 201	General Chemistry I	(6)
			OR		
			CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)	CHEM 201 &	General Chemistry I	(6)
			CHEM 202	General Chemistry II	(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 211	Calculus I	(5)
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RESTRICTED ELECTIVES (16 QUARTER UNITS):

AGRESEC 18	Business Law	(4)	NO COMPARABLE COURSE	
CHEM 2C	Genl Chemistry	(5)	CHEM 202	General Chemistry II (5)
CHEM 128A	Organic Chemistry	(3)	CHEM 255	Organic Chemistry I (5)
CHEM 128B	Organic Chemistry	(3)	CHEM 255 &	Organic Chemistry I (5)
			CHEM 256	Organic Chemistry II (5)
CHEM 128C	Organic Chemistry	(3)	CHEM 256	Organic Chemistry II (5)
DESIGN 77	Intro to Fashion Design	(4)	NO COMPARABLE COURSE	
MGMT 11A	Elem Accounting	(4)	BUS 201 &	Principles of (5)
				Accounting I
			BUS 202	Principles of (5)
				Accounting II
MGMT 11B	Elem Accounting	(4)	NO COMPARABLE COURSE	
MATH 16B	Short Calculus	(3)	MATH 212	Calculus II (5)
MATH 16C	Short Calculus	(3)	MATH 212	Calculus II (5)
SOCIOL 25	Popular Culture	(4)	NO COMPARABLE COURSE	

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

END OF MAJOR

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

====Theatre and Dance A.B.====

Special Advising Note:

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

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

All students completing a major in theatre and dance must participate in dramatic productions, including work in at least two of the following three areas: acting/dance; design (scenic, costume, lighting, painting, props, sound); directing/playwriting/stage management and crew assignments. Transfer students should see the major advisor at UC Davis for an evaluation of their previous experience.

Transfer Admission Guarantee (TAG) Note:

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for

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

College Foreign Language Requirement Note:

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

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

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

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

ONE COURSE FROM THE FOLLOWING:

DRAMART 21A	Fundamentals of Act	(4)	THEATR 140	Acting Fundamentals	(3)
DRAMART 40A	Beg Modern Dance	(2)	NO COMPARABLE COURSE		
DRAMART 40B	Int Modern Dance	(2)	NO COMPARABLE COURSE		
DRAMART 42A	Beg Ballet	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
DRAMART 42B	Inter Ballet	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

ALL OF THE FOLLOWING COURSES:

DRAMART 28	Stagecraft & Management	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
DRAMART 55	Cont Theatre Dance Perf	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
DRAMART 56A	Hist Theatre Dance I	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
DRAMART 56B	Hist Theatre Dance II	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
DRAMART 56C	Hist Theatre Dance III	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

END OF MAJOR

====Viticulture and Enology B.S.====

Special Advising Note:

REQUIREMENTS FOR ADMISSION:
(for 2019-20)

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

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 3.00 for the group. It is required that candidates have a cumulative GPA of at least 3.00 for courses in the group below that have been completed by the time of application and maintain the GPA through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

General Chemistry 2A/B/C
Organic Chemistry 8A
Mathematics 16A
Physics 1A/B or 7A
Biological Sciences 2A

It is strongly recommended that students complete courses comparable to the following UC Davis courses; if taken, the student must have a GPA of at least 3.00 for the entire group of courses listed above and below. Courses must be taken for a letter grade, with no grade less than C:

Organic Chemistry 8B
Mathematics 16B
Plant Sciences 2

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

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

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG 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)	BIOSCI 107	Molecular and Cellular Biology	(4)
			OR		
			BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)
			OR		
PL SCI 2	Bot Physio Cul Plt	(4)	NO COMPARABLE COURSE		

CHEM 2A	Genl Chemistry	(5)	CHEM 201	General Chemistry I	(6)
			OR		
			CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)	CHEM 201 &	General Chemistry I	(6)
			CHEM 202	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 202	General Chemistry II	(5)

CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		

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

OR EQUIVALENT AND advisor APPROVAL

MATH 16A	Short Calculus	(3)	MATH 211	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 212	Calculus II	(5)

PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
	AND		AND		
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE		
	OR		OR		
PHYSICS 7A	General Physics	(4)	PHYSIC 110	& General Physics I	(4)
			PHYSIC 111	General Physics II	(4)

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

VIT-ENO 2	Intro to Viticult	(2)	NO 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:

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

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

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

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

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

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

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

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

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

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

UWRITING 1	Expository Writing	(4)	ENGL 101	English Composition	(3)
			<u>OR</u>		
			ENGL 101H	Honors - English Composition	(4)
	AND			AND	
COMUNCN 1	Intro Public Spkg	(4)	COMS 105	Fundamentals of Public Speaking	(3)
			<u>OR</u>		
			COMS 105H	Fundamentals in Public Speaking-Honors	(3)
	OR			OR	
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	COMS 246	Interpersonal Communication	(3)
	OR			OR	
DRAMART 10	Intro To Acting	(4)	NO COMPARABLE COURSE		
Note: Completing UWP 1 and Communication 1 will simultaneously satisfy the College requirements.					
<hr/>					
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSCI 107	Molecular and Cellular Biology	(4)

			<u>OR</u>			
				BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOSCI 106	Organismal and Environmental Biology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOSCI 106	Organismal and Environmental Biology	(4)

CHEM 2A	Genl Chemistry	(5)		CHEM 201	General Chemistry I	(6)
				<u>OR</u>		
				CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)		CHEM 201 & CHEM 202	General Chemistry I & General Chemistry II	(6)
CHEM 8A	Organic Chem-Brief	(2)		NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)		NO COMPARABLE COURSE		

MATH 16A	Short Calculus	(3)		MATH 211	Calculus I	(5)
MATH 16B	Short Calculus	(3)		MATH 212	Calculus II	(5)

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

ONE COURSE FROM THE FOLLOWING (3-4 QUARTER UNITS):

W&F BIO 10	Wildl Ecol Conserve	(4)		NO COMPARABLE COURSE		
W&F BIO 50	Calif Wild Vertebrates	(3)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
W&F BIO 51	Intro to Conservation Biology	(3)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

RECOMMENDED COURSES FOR THE WILDLIFE HEALTH AREA OF SPECIALIZATION:

CHEM 2C	Genl Chemistry	(5)		CHEM 202	General Chemistry II	(5)
CHEM 118A	Org Chem, Hlth & Sci	(4)		CHEM 255	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)		CHEM 255 & CHEM 256	Organic Chemistry I & Organic Chemistry II	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)		CHEM 256	Organic Chemistry II	(5)
PHYSICS 7A	General Physics	(4)		PHYSIC 110 & PHYSIC 111	General Physics I & General Physics II	(4)
PHYSICS 7B	General Physics	(4)		PHYSIC 110 & PHYSIC 111	General Physics I & General Physics II	(4)
PHYSICS 7C	General Physics	(4)		PHYSIC 110 & PHYSIC 111	General Physics I & General Physics II	(4)

END OF MAJOR

====Worksheet UGA (ENG)====

IMPORTANT ADVISORY REGARDING THIS WORKSHEET

This worksheet serves as an administrative tool and should not be used to determine specific major preparation for UC Davis College of Engineering majors.

View the "By Major" section of ASSIST to best assess the requirements for your major of interest.

This worksheet provides a listing of lower-division preparatory courses required for certain College of Engineering majors and may be helpful in correlation with review of the College of Engineering Transfer Credit Agreements (engineering grids) available at <http://engineering.ucdavis.edu/transfer-credit-agreements/>

MATH 21A	Calculus	(4)	MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 213	Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH 213	Calculus III	(5)
MATH 22A	Linear Algebra	(3)	MATH 214	Linear Algebra	(3)
MATH 22B	Differntl Equations	(3)	MATH 215	Differential Equations	(3)
CHEM 2A	Genl Chemistry	(5)	CHEM 201	General Chemistry I	(6)
			<u>OR</u> CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)	CHEM 201 &	General Chemistry I	(6)
			CHEM 202	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 202	General Chemistry II	(5)
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 255	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 255 &	Organic Chemistry I	(5)
			CHEM 256	Organic Chemistry II	(5)
CHEM 128A	Organic Chemistry	(3)	CHEM 255	Organic Chemistry I	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 255 &	Organic Chemistry I	(5)
			CHEM 256	Organic Chemistry II	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 255	Organic Chemistry I	(5)
PHYSICS 9A	Classical Physics	(5)	PHYSIC 220 &	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221 &	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9B	Classical Physics	(5)	PHYSIC 220 &	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221 &	Physics for Scientists and Engineers: Electricity and Magnetism	(4)

			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9C	Classical Physics	(5)	PHYSIC 220 &	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221 &	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9D	Modern Physics	(4)	NO COMPARABLE COURSE		
BIMEDEN 20	Fundamentals of Bioengineering	(4)	NO COMPARABLE COURSE		
ENGIN 4	Graphics in Design	(3)	NO COMPARABLE COURSE		
ENGIN 6	Engr Prob Solving	(4)	NO COMPARABLE COURSE		
ENGIN 17	Circuits I	(4)	ENGR 153	Electrical Circuits	(4)
ENGIN 35	Statics	(4)	ENGR 152	Statics	(3)
ENGIN 45	Prop of Mats	(4)	ENGR 151 &	Materials of Engineering	(3)
			ENGR 151L	Materials of Engineering Lab	(1)
ENG CS 20	C Sci/Discrete Math	(4)	CMPSCI 256	Discrete Structures	(3)
ENG CS 36A	Programming Formerly ENG CS 30	(4)	CMPSCI 111	Introduction to Computer Algorithms and Programming/JAVA	(3)
			OR		
			CMPSCI 235	C Programming	(3)
ENG CS 36B	Object-Oriented Program Formerly ENG CS 40	(4)	CMPSCI 236	C++ Object Oriented Programming	(3)
ENG CS 50	Machine Dependent Prog	(4)	NO COMPARABLE COURSE		
ENG CS 36C	Data Structures Formerly ENG CS 60	(4)	CMPSCI 282	Advanced Data Structures	(3)
ENG BS 1	Biosys Engr Fndts	(4)	NO COMPARABLE COURSE		
ENG BS 75	Prop Mat in Bio Sys	(4)	NO COMPARABLE COURSE		
ENG MEC 50	Mfg Processes	(4)	NO COMPARABLE COURSE		
ENG CHM 51	Material Balances	(4)	NO COMPARABLE COURSE		

ENG CHM 60	Engineering Problem Solv	(4)	NO COURSE ARTICULATED	
ENG CHM 80	Chem Engr Profession	(1)	NO COMPARABLE COURSE	
ENG E&C 7	Prog & Microcontrollers	(4)	NO COURSE ARTICULATED	
UWRITING 1	Expository Writing	(4)	ENGL 101	English Composition (3)
			<u>OR</u>	
			ENGL 101H	Honors - English Composition (4)
ENGLISH 3	Intro to Lit	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
COMUNCN 1	Intro Public Spkg	(4)	COMS 105	Fundamentals of Public Speaking (3)
			<u>OR</u>	
			COMS 105H	Fundamentals in Public Speaking-Honors (3)
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	COMS 246	Interpersonal Communication (3)
BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOSCI 107	Molecular and Cellular Biology (4)
			<u>OR</u>	
			BIOSCI 107H	Molecular and Cellular Biology - Honors (4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106	Organismal and Environmental Biology (4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSCI 106	Organismal and Environmental Biology (4)
c) GEOLOGY 50	Physical Geology	(3)	GEOL 101	Physical Geology (3)
f)				
ATM SCI 60	Intro to Atmospheric Science	(4)	NO COMPARABLE COURSE	

END OF MAJOR

- c) This course is not strictly comparable with UC Davis courses but will fulfill the introductory physical geology requirement for the geology major at UC Davis.
- f) If a student takes GEOL 101 at College of the Canyons, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.