

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

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

Special Advising Note:

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

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

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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ONE COURSE FROM THE FOLLOWING:

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

ONE COURSE FROM THE FOLLOWING:

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

ONE COURSE FROM THE FOLLOWING:

ANTHRO 2	Cultural Anthropology	(5)	ANTHR 2	Cultural Anthropology	(3)
ECON 1A	Princ of Microecon	(4)	ECON 1B	Elementary Economics - Micro	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 1A	Elementary Economics - Macro	(3)
SOCIOL 1	Intro Sociology	(5)	SOCIL 1	Introduction to Sociology	(3)
POL SCI 1	Amer Natl Govt	(4)	POLSC 1	Introduction to American Government	(3)
POL SCI 2	Intro Comp Politics	(4)	NO COMPARABLE COURSE		

PSYCH 1 General Psychology (4) | PSYCH 1A General Psychology (3)

ONE COURSE FROM THE FOLLOWING:

CHICANO 10	Intro to Chic Std	(4)	ETHN 1	Introduction to Chicano (3) Studies
N A STD 1	Intro NA Studies	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation
N A STD 10	NA Experience	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation
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)	HIST 14	Asian-American History (3)
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 17A	United States History (3)
HISTORY 17B	U.S. History	(4)	HIST 17B	United States History (3)

4 QUARTER UNITS FROM THE FOLLOWING:

AF-AMST 16	African Verbal Arts	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation
AF-AMST 51	History Af-Amr Dance	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation
DRAMART 41A	Beg Jazz Dance	(2)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation
DRAMART 41B	Inter Jazz Dance	(2)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation
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 17A	United States History	(3)
	OR			OR	
POL SCI 1	Amer Natl Govt	(4)	POLSC 1	Introduction to American Government	(3)

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

AN SCI 1	Domest Ani & People	(4)	NO COMPARABLE COURSE		
AN SCI 2	Intro Animal Sci	(4)	AG 45	Principles of Animal Science	(3)
AN SCI 21	Livestock&Dairy Jdg	(2)	NO COMPARABLE COURSE		
AN SCI 41	Domestic Ani Prod	(2)	NO COMPARABLE COURSE		

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

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

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

ENV S&P 10	Current Issues in Environment	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	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)	PLSCI 20	Principles of Plant Science	(3)
			OR		
			PLSCI 20L	Principles of Plant Science	(4)
PL SCI 15	Intro Sustainable Agriculture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
PL SCI 49	Org Crop Prod Prac	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
VIT-ENO 2	Intro to Viticult	(2)	NO COMPARABLE COURSE		
VIT-ENO 3	Intro Winemaking	(3)	NO COMPARABLE COURSE		

ALL OF THE FOLLOWING COURSES:

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1	Principles of Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1 &	Principles of Biology	(5)
			BIOL 2 &	General Zoology	(4)
			BIOL 3	General Botany	(4)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry	(5)

g) GEOLOGY 1	The Earth	(4)	GEOL 10	Introduction to Geology	(3)
			<u>OR</u>		
GEOLOGY 20	California Geology	(2)	GEOL 10L	Physical Geology	(4)
SOILSCI 10	Soils in Our Environment	(3)	NO COMPARABLE COURSE		
			PLSCI 22	Introduction to Soils	(3)
			<u>OR</u>		
			PLSCI 22L	Introduction to Soils	(4)
MATH 16A	Short Calculus	(3)	MATH 1A	Single Variable Calculus I - Early Transcendentals	(4)
			<u>OR</u>		
			MATH 9	Calculus for Business, Social and Life Science	(4)
MATH 16B	Short Calculus	(3)	MATH 1B	Single Variable Calculus II - Early Transcendentals	(4)
			<u>OR</u>		
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
			<u>OR</u>		
MATH 21A	Calculus	(4)	MATH 1A	Single Variable Calculus I - Early Transcendentals	(4)
MATH 21B	Calculus	(4)	MATH 1B	Single Variable Calculus II - Early Transcendentals	(4)
PHYSICS 7A	General Physics	(4)	PHYS 2A & PHYS 3A	General Physics Laboratory	(3)
			PHYS 2B & PHYS 3B	General Physics Laboratory	(3)
PHYSICS 7B	General Physics	(4)	PHYS 2A & PHYS 3A	General Physics Laboratory	(3)
			PHYS 2B & PHYS 3B	General Physics Laboratory	(3)

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

g) If a student takes GEOL 10 or 10L at Yuba College, credit will be given for UC Davis's GEOLOGY 1 or 50, not both. UC Transfer Course Agreement states: GEOL 10 and 10L combined - maximum credit, one course (per catalog).

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

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses

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

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

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

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

ONE COURSE FROM THE FOLLOWING:

AF-AMST 10	Af-Am Culture & Soc	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
A A STD 1	Hist Exp Asian Am	(4)	HIST 14 Asian-American History (3)
CHICANO 10	Intro to Chic Std	(4)	ETHN 1 Introduction to Chicano (3) Studies
N A STD 1	Intro NA Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

ONE COURSE FROM THE FOLLOWING:

ANTHRO 2	Cultural Anthropology	(5)	ANTHR 2 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 17A United States History (3)
HISTORY 17B	U.S. History	(4)	HIST 17B United States History (3)
HISTORY 72A	Am Women & Gender	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
HISTORY 72B	Am Women & Gender	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation

ONE COURSE FROM THE FOLLOWING:

ENGLISH 3	Intro to Lit	(4)	ENGL 1B Critical Thinking/Writing About Literature (3)
ENGLISH 10A	Literatures in English I: To 1700	(4)	ENGL 46A Introduction to English Literature, I (3)
ENGLISH 10B	Literatures in English II: 1700-1900	(4)	ENGL 30A Introduction to American Literature I (3)
ENGLISH 10C	Literatures in English III: 1900 to Present	(4)	ENGL 30B Introduction to American Literature II (3)
OR			
			ENGL 46B Introduction to English Literature, II (3)
FILM ST 1	Intro to Film Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

Formerly Humanities 10

END OF MAJOR

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

Special Advising Note:

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BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1 <u>&</u>	Principles of Biology	(5)
			BIOL 2 <u>&</u>	General Zoology	(4)
			BIOL 3	General Botany	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 2 <u>&</u>	General Zoology	(4)
			BIOL 3	General Botany	(4)
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CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A <u>&</u>	General Chemistry	(5)
			CHEM 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
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CHEM 8A	Organic Chem-Brief	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 8B	Organic Chem-Brief	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 18A	Organic Chemistry for Health and Life Sciences	(4)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 18A <u>&</u>	Organic Chemistry for Health and Life Sciences	(4)
			CHEM 18B	Organic Chemistry for Health and Life Sciences	(4)
<hr/>					
MATH 16A	Short Calculus	(3)	MATH 1A	Single Variable Calculus I - Early Transcendentals	(4)
			OR		
			MATH 9	Calculus for Business, Social and Life Science	(4)
MATH 16B	Short Calculus	(3)	MATH 1B	Single Variable Calculus II - Early Transcendentals	(4)
MATH 16C	Short Calculus	(3)	MATH 1B	Single Variable Calculus II - Early Transcendentals	(4)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

OR			OR		
MATH 21A	Calculus	(4)	MATH 1A	Single Variable Calculus I - Early Transcendentals	(4)
MATH 21B	Calculus	(4)	MATH 1B	Single Variable Calculus II - Early Transcendentals	(4)
MATH 21C	Calculus	(4)	MATH 1C	Multivariable Calculus	(4)
<hr/>					
PHYSICS 7A	General Physics	(4)	PHYS 2A & PHYS 3A	General Physics Laboratory	(3) (1)
			PHYS 2B & PHYS 3B	General Physics Laboratory	(3) (1)
PHYSICS 7B	General Physics	(4)	PHYS 2A & PHYS 3A	General Physics Laboratory	(3) (1)
			PHYS 2B & PHYS 3B	General Physics Laboratory	(3) (1)
PHYSICS 7C	General Physics	(4)	PHYS 2A & PHYS 3A	General Physics Laboratory	(3) (1)
			PHYS 2B & PHYS 3B	General Physics Laboratory	(3) (1)

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)	STAT 1	Introduction to Statistical Methods	(4)
Same as: STATIST 13Y					
AN BIOL 50A	Animal Biol Lab	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
AN BIOL 50B	Animal Biology	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
AN BIOL 50C	Animal Biology	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

END OF MAJOR

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

Special Advising Note:

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

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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)	AG 45	Principles of Animal Science (3)

BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 1	Principles of Biology (5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1 & BIOL 2	Principles of Biology (5)
			BIOL 3	General Zoology (4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 2 & BIOL 3	General Botany (4)
				General Zoology (4)

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

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

PL SCI 21	Computers in Technology	(3)	NO COMPARABLE COURSE	
	OR			OR
B) ENG CS 15	Intro to Computers	(4)	COMSC 6	BASIC Language Programming (3)

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

MGMT 11A	Elem Accounting	(4)	NO COURSE ARTICULATED	
MGMT 11B	Elem Accounting	(4)	ACCT 2L	Principles of Accounting - Managerial (5)

MATH 16A	Short Calculus	(3)	MATH 1A	Single Variable Calculus I - Early Transcendentals (4)
			OR	
			MATH 9	Calculus for Business, Social and Life Science (4)
MATH 16B	Short Calculus	(3)	MATH 1B	Single Variable Calculus II - Early Transcendentals (4)
				Transcendentals
MATH 16C	Short Calculus	(3)	MATH 1B	Single Variable Calculus II - Early Transcendentals (4)
				Transcendentals
	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 1A	Single Variable Calculus I - Early Transcendentals	(4)
MATH 21B	Calculus	(4)	MATH 1B	Single Variable Calculus II - Early Transcendentals	(4)
MATH 21C	Calculus	(4)	MATH 1C	Multivariable Calculus	(4)

AREAS OF SPECIALIZATION:

AQUATIC ANIMALS SPECIALIZATION

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

COMPANION ANIMALS SPECIALIZATION

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

DAIRY SPECIALIZATION

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

EQUINE SPECIALIZATION

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

LIVESTOCK SPECIALIZATION

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

POULTRY SPECIALIZATION

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

RESTRICTED ELECTIVES (12 QUARTER UNITS):

AGRESEC 18 Business Law (4) | 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.

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

Special Advising Note:

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

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

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

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

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

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

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AN SCI 1	Domest Ani & People	(4)	NO COMPARABLE COURSE	
AN SCI 2	Intro Animal Sci	(4)	AG 45 Principles of Animal Science	(3)
AN SCI 41	Domestic Ani Prod	(2)	NO COMPARABLE COURSE	
AN SCI 41L	Domest An Prod Lab	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 1 Principles of Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1 & Principles of Biology	(5)
			BIOL 2 & General Zoology	(4)
			BIOL 3 General Botany	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 2 & General Zoology	(4)
			BIOL 3 General Botany	(4)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A & General Chemistry	(5)
			CHEM 1B General Chemistry	(5)
CHEM 8A	Organic Chem-Brief	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
CHEM 8B	Organic Chem-Brief	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
	OR		OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 18A Organic Chemistry for Health and Life Sciences	(4)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 18A & Organic Chemistry for Health and Life Sciences	(4)
			CHEM 18B Organic Chemistry for Health and Life Sciences	(4)
MATH 16A	Short Calculus	(3)	MATH 1A Single Variable Calculus I - Early Transcendentals	(4)
			OR	
			MATH 9 Calculus for Business, Social and Life Science	(4)
MATH 16B	Short Calculus	(3)	MATH 1B Single Variable Calculus II - Early Transcendentals	(4)
	OR		OR	
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
	OR		OR	
MATH 21A	Calculus	(4)	MATH 1A Single Variable Calculus I - Early Transcendentals	(4)
MATH 21B	Calculus	(4)	MATH 1B Single Variable Calculus II - Early	(4)

AREAS OF SPECIALIZATION:

AQUATIC ANIMALS

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

AVIAN SCIENCES

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

COMPANION AND CAPTIVE ANIMALS

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

EQUINE SCIENCE

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

LABORATORY ANIMALS

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

POULTRY

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

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

College Foreign Language Requirement Note:

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

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EVOLUTIONARY EMPHASIS:

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

ONE COURSE FROM THE FOLLOWING:

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

ONE COURSE FROM THE FOLLOWING:

ANTHRO 13	Sci Method in Physical Anthropology	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE
STATIST 13	Elementary Statistics	(4)	STAT 1 Introduction to Statistical Methods (4)
Same as: STATIST 13Y			
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE

SOCIOCULTURAL EMPHASIS:

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

ANTHRO 1	Human Evol Biol	(4)	ANTHR 1	Introduction to Physical Anthropology	(3)
ANTHRO 3	Intr to Archaeology	(4)	ANTHR 3	Introduction to Archaeology	(3)
ANTHRO 4	Anthro Linguistics	(4)	NO COMPARABLE COURSE		

SELECT ONE OF THE FOLLOWING TWO OPTIONS:

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

2) Two courses from the following list:

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

END OF MAJOR

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

Special Advising Note:

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ANTHRO 1 Human Evol Biol (4) | ANTHR 1 Introduction to (3)

ANTHRO 2	Cultural Anthropology	(5)	ANTHR 2	Physical Anthropology	
ANTHRO 3	Intr to Archaeology	(4)	ANTHR 2	Cultural Anthropology	(3)
			ANTHR 3	Introduction to	(3)
				Archaeology	
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1	Principles of Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1 <u>&</u>	Principles of Biology	(5)
			BIOL 2 <u>&</u>	General Zoology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 3	General Botany	(4)
			BIOL 2 <u>&</u>	General Zoology	(4)
			BIOL 3	General Botany	(4)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A <u>&</u>	General Chemistry	(5)
			CHEM 1B	General Chemistry	(5)
CHEM 8A	Organic Chem-Brief	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
CHEM 8B	Organic Chem-Brief	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
	OR			OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 18A	Organic Chemistry for Health and Life Sciences	(4)
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MATH 16A	Short Calculus	(3)	MATH 1A	Single Variable Calculus I - Early Transcendentals	(4)
			OR		
			MATH 9	Calculus for Business, Social and Life Science	(4)
MATH 16B	Short Calculus	(3)	MATH 1B	Single Variable Calculus II - Early Transcendentals	(4)
MATH 16C	Short Calculus	(3)	MATH 1B	Single Variable Calculus II - Early Transcendentals	(4)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 1A	Single Variable Calculus I - Early Transcendentals	(4)
MATH 21B	Calculus	(4)	MATH 1B	Single Variable Calculus II - Early Transcendentals	(4)
MATH 21C	Calculus	(4)	MATH 1C	Multivariable Calculus	(4)

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)	STAT 1 Introduction to Statistical Methods	(4)
Same as: STATIST 13Y				
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE	

END OF MAJOR

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

Special Advising Note:

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

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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.

Recommended Language Preparation Note:

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

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

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

MATH 21A	Calculus	(4)	MATH 1A	Single Variable Calculus I - Early	(4)
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MATH 21B	Calculus	(4)	MATH 1B	Transcendentals Single Variable Calculus II - Early Transcendentals	(4)
MATH 21C	Calculus	(4)	MATH 1C	Multivariable Calculus	(4)
MATH 21D	Vector Analysis	(4)	MATH 1C	Multivariable Calculus	(4)
MATH 22B	Differntl Equations	(3)	MATH 2	Ordinary Differential Equations	(3)
MATH 22AL	Lin Alg Comp Lab	(1)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	

or equivalent basic knowledge of MATLAB.

BOTH OF THE FOLLOWING COURSES:

MATH 22A	Linear Algebra	(3)	MATH 3	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)	COMSC 10L	Computer Literacy	(3)
	Formerly ENG CS 10				
ENGIN 6	Engr Prob Solving	(4)	NO COMPARABLE COURSE		

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

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

BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 1	Principles of Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1 &	Principles of Biology	(5)
			BIOL 2 &	General Zoology	(4)
			BIOL 3	General Botany	(4)
	OR			OR	
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry	(5)
	OR			OR	
ECON 1A	Princ of Microecon	(4)	ECON 1B	Elementary Economics - Micro	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 1A	Elementary Economics - Macro	(3)
	OR			OR	
f) PHYSICS 9A	Classical Physics	(5)	PHYS 4A &	Mechanics	(4)
			PHYS 4B &	Electromagnetism	(4)
			PHYS 4C	Thermodynamics, Light and Modern Physics	(4)
f) PHYSICS 9B	Classical Physics	(5)	PHYS 4A &	Mechanics	(4)
			PHYS 4B &	Electromagnetism	(4)
			PHYS 4C	Thermodynamics, Light and Modern Physics	(4)
	OR			OR	
STATIST 32	Gateway to Data Science	(4)	NO COURSE	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

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

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

Special Advising Note:

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

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

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.

f) PHYSICS 9A	Classical Physics	(5)	PHYS 4A &	Mechanics	(4)
			PHYS 4B &	Electromagnetism	(4)
			PHYS 4C	Thermodynamics, Light and Modern Physics	(4)
f) PHYSICS 9B	Classical Physics	(5)	PHYS 4A &	Mechanics	(4)
			PHYS 4B &	Electromagnetism	(4)
			PHYS 4C	Thermodynamics, Light and Modern Physics	(4)
f) PHYSICS 9C	Classical Physics	(5)	PHYS 4A &	Mechanics	(4)
			PHYS 4B &	Electromagnetism	(4)
			PHYS 4C	Thermodynamics, Light 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 1A	Single Variable Calculus I - Early Transcendentals	(4)
MATH 21B	Calculus	(4)	MATH 1B	Single Variable Calculus II - Early Transcendentals	(4)
MATH 21C	Calculus	(4)	MATH 1C	Multivariable Calculus	(4)
MATH 21D	Vector Analysis	(4)	MATH 1C	Multivariable Calculus	(4)
MATH 22A	Linear Algebra	(3)	MATH 3	Linear Algebra	(3)
MATH 22B	Differntl Equations	(3)	MATH 2	Ordinary Differential Equations	(3)

ATMOSPHERIC PHYSICS CONCENTRATION

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

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

COMPUTATIONAL PHYSICS CONCENTRATION

ENG CS 36A Programming Formerly ENG CS 30	(4)		COMSC 9A C++ Programming	(4)
			<u>OR</u>	
ENG CS 36B Object-Oriented Program Formerly ENG CS 40	(4)		COMSC 12 JAVA Programming	(3)
			COMSC 11 Advanced 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.

GEOPHYSICS CONCENTRATION

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

MATERIALS SCIENCE CONCENTRATION

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

PHYSICAL ELECTRONICS CONCENTRATION

ENGIN 17	Circuits I	(4)		ENGR 17 & Circuits for Engineers	(3)
				ENGR 17L Circuits Laboratory for Engineers	(1)
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

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

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

College Foreign Language Requirement Note:

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

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

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

FOUR COURSES FROM THE FOLLOWING:

ARTHI 1A	Ancient Mediterranean Art	(4)	ART 1A	History of Art- I	(3)
ARTHI 1B	Mediev&Renaiss Art	(4)	ART 1B	History of Art- II	(3)
ARTHI 1C	Baroque to Modern Art	(4)	ART 1C	History of Art	(3)
ARTHI 1D	Arts of Asia	(4)	NO COMPARABLE COURSE		
ARTHI 1E	Islamic Art & Architecture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ARTHI 5	Visual Culture	(4)	NO COMPARABLE COURSE		
ARTHI 25	Understanding Architecture	(4)	NO COMPARABLE COURSE		

ONE ART STUDIO COURSE FROM:

ART 2	Beginning Drawing	(4)	ART 4A	Drawing and Composition	(3)
ART 5	Beginning Sculpture	(4)	ART 14A	Beginning Sculpture	(3)
			OR		
ART 7	Beginning Painting	(4)	ART 14B	Intermediate Sculpture	(3)
			ART 9A &	Beginning Painting	(3)
ART 8	Beginning Ceramic Sculpture	(4)	ART 9B	Intermediate Painting	(3)
			NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ART 9	Beginning Photography	(4)	NO COMPARABLE COURSE		
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 4A	Drawing and Composition	(3)
				Beginning	
ART 5	Beginning Sculpture	(4)	ART 14A	Sculpture	(3)
			OR		
			ART 14B	Intermediate Sculpture	(3)
ART 7	Beginning Painting	(4)	ART 9A &	Beginning Painting	(3)
			ART 9B	Intermediate Painting	(3)
ART 8	Beginning Ceramic Sculpture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ART 9	Beginning Photography	(4)	NO COMPARABLE COURSE		
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 1A	History of Art- I	(3)
ARTHI 1B	Mediev&Renaiss Art	(4)	ART 1B	History of Art- II	(3)

ARTHI 1C	Baroque to Modern Art	(4)	ART 1C	History of Art	(3)
ARTHI 1D	Arts of Asia	(4)	NO COMPARABLE COURSE		
ARTHI 1E	Islamic Art & Architecture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ARTHI 5	Visual Culture	(4)	NO 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)	HIST 14	Asian-American History	(3)
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 COURSE ARTICULATED: College has not submitted course(s)for articulation
AF-AMST 12	Intro Afro Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AF-AMST 15	Intro Afro Amer Hum	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AF-AMST 16	African Verbal Arts	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AF-AMST 17	Women in Africa	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AF-AMST 18	Intro Caribbean Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
AF-AMST 50	Blk Images Pop Cult	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AF-AMST 51	History Af-Amr Dance	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AF-AMST 52	Afr Tradit Relig	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AF-AMST 80	Black Politics	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AMR STD 1A	Science and American Culture	(4)	NO COMPARABLE COURSE
AMR STD 1B	Relig in Am Lives	(4)	NO COMPARABLE COURSE
AMR STD 1C	American Lives	(4)	NO COMPARABLE COURSE
AMR STD 1E	Nat&Cult Amr	(4)	NO COMPARABLE COURSE
AMR STD 5	Tech in Amr Lives	(4)	NO COMPARABLE COURSE
AMR STD 10	Intro American Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AMR STD 21	Objects & Everyday Life	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AMR STD 25	U.S. as Business Culture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AMR STD 30	Amr Images Pop Cult	(4)	NO COMPARABLE COURSE
AMR STD 55	Food in Amer Culture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
Same as: FD S&T 55			
AMR STD 59	Music and American Culture	(4)	NO COURSE ARTICULATED: College has not submitted courses for articulation
CHICANO 10	Intro to Chic Std	(4)	ETHN 1 Introduction to Chicano (3) Studies
CHICANO 21	Hlth Care Issues	(4)	NO COMPARABLE COURSE
CHICANO 30	US Poli & Chicanos	(4)	NO COMPARABLE COURSE
CHICANO 40	Comparative Health	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHICANO 50	Chicano Culture	(4)	NO COMPARABLE COURSE
CHICANO 60	Chicana and Chicano Representn in Cinema	(4)	NO COMPARABLE COURSE
CHICANO 65	New Latin American Cinema	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHICANO 70	Survey Chic Art	(4)	NO COMPARABLE COURSE
CHICANO 73	Art Expr Silk Scr	(4)	NO COMPARABLE COURSE
N A STD 1	Intro NA Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
N A STD 5	Intro NA Literature	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
N A STD 7	Indig & Minority Langs	(4)	NO COURSE ARTICULATED: College has not

N A STD 10	NA Experience	(4)	submitted course(s)for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
N A STD 12	Native Amer/Indigenous Film	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
N A STD 32	NA Music & Dance	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
N A STD 33	Intro NA Art	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
N A STD 34	NA Art Workshop	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
WOM STD 20	Cult Repr of Gndr	(4)	NO 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 5 Art Appreciation (3) Same as: OR HUMAN 5 Art Appreciation (3) Same as:
ART 30	Contemp Vis Culture	(4)	NO COMPARABLE COURSE
CHICANO 23	Qualitative Research Methods	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ENGLISH 42	Approaches to Reading	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PHILOS 5	Critical Reasoning	(4)	PHIL 12 Critical Thinking (3)
N A STD 46	Orientation to Research in NAS	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
POL SCI 51	Scientific Study of Politics	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PSYCH 41	Research Methods	(4)	PSYCH 7 Research Methods in Psychology (3)
SOCIOL 46A	Intro Social Rsch	(4)	SOCIL 8 Social Science Research Methods (3)
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE
STATIST 13	Elementary Statistics	(4)	STAT 1 Introduction to Statistical Methods (4) Same as: STATIST 13Y

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)	PLSCI 20	Principles of Plant Science	(3)
			<u>OR</u>		
			PLSCI 20L	Principles of Plant Science	(4)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry	(5)
ENG CS 36A	Programming	(4)	COMSC 9A	C++ Programming	(4)
Formerly ENG CS 30			<u>OR</u>		
			COMSC 12	JAVA Programming	(3)

or a course selected with advisor's approval

MATH 21A	Calculus	(4)	MATH 1A	Single Variable Calculus I - Early Transcendentals	(4)
MATH 21B	Calculus	(4)	MATH 1B	Single Variable Calculus II - Early Transcendentals	(4)
MATH 21C	Calculus	(4)	MATH 1C	Multivariable Calculus	(4)
MATH 21D	Vector Analysis	(4)	MATH 1C	Multivariable Calculus	(4)
MATH 22A	Linear Algebra	(3)	MATH 3	Linear Algebra	(3)
MATH 22B	Differntl Equations	(3)	MATH 2	Ordinary Differential Equations	(3)
ATM SCI 60	Intro to Atmospheric Science	(4)	NO COMPARABLE COURSE		
f) PHYSICS 9A	Classical Physics	(5)	PHYS 4A &	Mechanics	(4)
			PHYS 4B &	Electromagnetism	(4)
			PHYS 4C	Thermodynamics, Light and Modern Physics	(4)
f) PHYSICS 9B	Classical Physics	(5)	PHYS 4A &	Mechanics	(4)
			PHYS 4B &	Electromagnetism	(4)
			PHYS 4C	Thermodynamics, Light and Modern Physics	(4)
f) PHYSICS 9C	Classical Physics	(5)	PHYS 4A &	Mechanics	(4)
			PHYS 4B &	Electromagnetism	(4)
			PHYS 4C	Thermodynamics, Light and Modern Physics	(4)
STATIST 13	Elementary Statistics	(4)	STAT 1	Introduction to Statistical Methods	(4)
Same as: STATIST 13Y					

PREPARATION FOR GRADUATION:

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

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

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

Special Advising Note:

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

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

END OF MAJOR

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

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

Biological Sciences 2A/B/C

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1	Principles of Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1 &	Principles of Biology	(5)
			BIOL 2 &	General Zoology	(4)
			BIOL 3	General Botany	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 2 &	General Zoology	(4)
			BIOL 3	General Botany	(4)
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CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)

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

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

	OR			OR	
MATH 21A	Calculus	(4)	MATH 1A	Single Variable Calculus I - Early Transcendentals	(4)
MATH 21B	Calculus	(4)	MATH 1B	Single Variable Calculus II - Early Transcendentals	(4)

PHYSICS 7A	General Physics	(4)	PHYS 2A &	General Physics	(3)
			PHYS 3A &	General Physics Laboratory	(1)
			PHYS 2B &	General Physics	(3)
			PHYS 3B	General Physics Laboratory	(1)
PHYSICS 7B	General Physics	(4)	PHYS 2A &	General Physics	(3)
			PHYS 3A &	General Physics Laboratory	(1)
			PHYS 2B &	General Physics	(3)
			PHYS 3B	General Physics Laboratory	(1)
PHYSICS 7C	General Physics	(4)	PHYS 2A &	General Physics	(3)
			PHYS 3A &	General Physics Laboratory	(1)
			PHYS 2B &	General Physics	(3)
			PHYS 3B	General Physics Laboratory	(1)

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	
f) PHYSICS 9A	Classical Physics	(5)	PHYS 4A &	Mechanics	(4)
			PHYS 4B &	Electromagnetism	(4)
			PHYS 4C	Thermodynamics, Light and Modern Physics	(4)
f) PHYSICS 9B	Classical Physics	(5)	PHYS 4A &	Mechanics	(4)
			PHYS 4B &	Electromagnetism	(4)
			PHYS 4C	Thermodynamics, Light and Modern Physics	(4)
f) PHYSICS 9C	Classical Physics	(5)	PHYS 4A &	Mechanics	(4)
			PHYS 4B &	Electromagnetism	(4)
			PHYS 4C	Thermodynamics, Light and Modern Physics	(4)

CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 18A	Organic Chemistry for Health and Life Sciences	(4)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 18A &	Organic Chemistry for	(4)

				Health and Life Sciences	
			CHEM 18B	Organic Chemistry for Health and Life Sciences	(4)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 18B	Organic Chemistry for Health and Life Sciences	(4)
	OR			OR	
CHEM 128A	Organic Chemistry	(3)	CHEM 18A	Organic Chemistry for Health and Life Sciences	(4)
CHEM 128B	Organic Chemistry	(3)	CHEM 18A &	Organic Chemistry for Health and Life Sciences	(4)
			CHEM 18B	Organic Chemistry for Health and Life Sciences	(4)
CHEM 128C	Organic Chemistry	(3)	CHEM 18B	Organic Chemistry for Health and Life Sciences	(4)
CHEM 129A	Organic Chem Lab	(2)	CHEM 18A	Organic Chemistry for Health and Life Sciences	(4)
CHEM 129B	Organic Chem Lab	(2)	CHEM 18B	Organic Chemistry for Health and Life Sciences	(4)

RECOMMENDED:

MATH 21C	Calculus	(4)	MATH 1C	Multivariable Calculus	(4)
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END OF MAJOR

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

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

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.50 for each of the three course groups. It is recommended that candidates have already achieved the minimum required GPAs for the courses in the groups below that have been completed by the time of application and maintain them through the transfer academic update filing period. Courses must be taken for a letter

grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

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

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 1	Principles of Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1 &	Principles of Biology	(5)
			BIOL 2 &	General Zoology	(4)
			BIOL 3	General Botany	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 2 &	General Zoology	(4)
			BIOL 3	General Botany	(4)
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CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry	(5)
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CHEM 8A	Organic Chem-Brief	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 8B	Organic Chem-Brief	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 18A	Organic Chemistry for Health and Life Sciences	(4)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 18A &	Organic Chemistry for Health and Life Sciences	(4)
			CHEM 18B	Organic Chemistry for Health and Life Sciences	(4)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 18B	Organic Chemistry for Health and Life Sciences	(4)
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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		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 1A	Single Variable Calculus I - Early Transcendentals	(4)
MATH 21B	Calculus	(4)	MATH 1B	Single Variable Calculus II - Early Transcendentals	(4)
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PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE		
	OR			OR	
PHYSICS 7A	General Physics	(4)	PHYS 2A &	General Physics	(3)
			PHYS 3A &	General Physics	(1)

				Laboratory	
			PHYS 2B	& General Physics	(3)
			PHYS 3B	General Physics	(1)
				Laboratory	
PHYSICS 7B	General Physics	(4)	PHYS 2A	& General Physics	(3)
			PHYS 3A	& General Physics	(1)
				Laboratory	
			PHYS 2B	& General Physics	(3)
			PHYS 3B	General Physics	(1)
				Laboratory	
PHYSICS 7C	General Physics	(4)	PHYS 2A	& General Physics	(3)
			PHYS 3A	& General Physics	(1)
				Laboratory	
			PHYS 2B	& General Physics	(3)
			PHYS 3B	General Physics	(1)
				Laboratory	

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

RECOMMENDED COURSES FOR THIS MAJOR:

CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR	
MATH 21C	Calculus	(4)	MATH 1C	Multivariable Calculus	(4)

END OF MAJOR

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

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1	Principles of Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1 & BIOL 2 & BIOL 3	Principles of Biology General Zoology General Botany	(5) (4) (4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 2 & BIOL 3	General Zoology General Botany	(4) (4)

CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
CHEM 8A	Organic Chem-Brief	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 8B	Organic Chem-Brief	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 18A	Organic Chemistry for Health and Life Sciences	(4)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 18A &	Organic Chemistry for Health and Life Sciences	(4)
			CHEM 18B	Organic Chemistry for Health and Life Sciences	(4)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 18B	Organic Chemistry for Health and Life Sciences	(4)
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 1A	Single Variable Calculus I - Early Transcendentals	(4)
MATH 21B	Calculus	(4)	MATH 1B	Single Variable Calculus II - Early Transcendentals	(4)
PHYSICS 7A	General Physics	(4)	PHYS 2A &	General Physics	(3)
			PHYS 3A &	General Physics Laboratory	(1)
			PHYS 2B &	General Physics	(3)
			PHYS 3B	General Physics Laboratory	(1)
PHYSICS 7B	General Physics	(4)	PHYS 2A &	General Physics	(3)
			PHYS 3A &	General Physics Laboratory	(1)
			PHYS 2B &	General Physics	(3)
			PHYS 3B	General Physics Laboratory	(1)
PHYSICS 7C	General Physics	(4)	PHYS 2A &	General Physics	(3)
			PHYS 3A &	General Physics Laboratory	(1)
			PHYS 2B &	General Physics	(3)
			PHYS 3B	General Physics Laboratory	(1)

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 21C Calculus (4) | MATH 1C Multivariable Calculus (4)
END OF MAJOR

Special Advising Note:

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

Special Advising Note:

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

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

END OF MAJOR

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

Special Advising Note:

All majors in the College of Engineering are selective and require preparatory coursework for admission. Transfer applicants must earn an overall transfer GPA of 3.10 or higher to be competitive candidates for admission to any engineering major. Strive to achieve your highest possible GPA in order to be most competitive. Courses must be taken for a letter grade, with no grade less than

C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents.

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

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

END OF MAJOR

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

Special Advising Note:

REQUIREMENTS FOR ADMISSION:
(for 2019-20)

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

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

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

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

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

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

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

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 1	Principles of Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1 & BIOL 2	Principles of Biology	(5)
			BIOL 3	General Zoology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 2 & BIOL 3	General Botany	(4)
				General Zoology	(4)
				General Botany	(4)
BIOTECH 1Y	Introduction to Biotechnology	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A & CHEM 1B	General Chemistry	(5)
				General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
CHEM 8A	Organic Chem-Brief	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 8B	Organic Chem-Brief	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 18A	Organic Chemistry for Health and Life Sciences	(4)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 18A & CHEM 18B	Organic Chemistry for Health and Life Sciences	(4)
				Organic Chemistry for Health and Life Sciences	(4)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 18B	Organic Chemistry for Health and Life Sciences	(4)
	OR			OR	
CHEM 128A	Organic Chemistry	(3)	CHEM 18A	Organic Chemistry for Health and Life Sciences	(4)
CHEM 128B	Organic Chemistry	(3)	CHEM 18A & CHEM 18B	Organic Chemistry for Health and Life Sciences	(4)
				Organic Chemistry for Health and Life Sciences	(4)
CHEM 128C	Organic Chemistry	(3)	CHEM 18B	Organic Chemistry for Health and Life Sciences	(4)
CHEM 129A	Organic Chem Lab	(2)	CHEM 18A	Organic Chemistry for Health and Life Sciences	(4)
MATH 16A	Short Calculus	(3)	MATH 1A	Single Variable	(4)

				Calculus I - Early Transcendentals	
			<u>OR</u>		
			MATH 9	Calculus for Business, Social and Life Science	(4)
MATH 16B	Short Calculus	(3)	MATH 1B	Single Variable Calculus II - Early Transcendentals	(4)
			<u>OR</u>		
MATH 17A	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
			<u>OR</u>		
MATH 21A	Calculus	(4)	MATH 1A	Single Variable Calculus I - Early Transcendentals	(4)
MATH 21B	Calculus	(4)	MATH 1B	Single Variable Calculus II - Early Transcendentals	(4)

PHYSICS 7A	General Physics	(4)	PHYS 2A & PHYS 3A	General Physics Laboratory	(3)
			PHYS 2B & PHYS 3B	General Physics Laboratory	(3)
PHYSICS 7B	General Physics	(4)	PHYS 2A & PHYS 3A	General Physics Laboratory	(3)
			PHYS 2B & PHYS 3B	General Physics Laboratory	(3)

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

COURSEWORK FOR BIOINFORMATICS OPTION:

ENG CS 20	C Sci/Discrete Math	(4)	NO COMPARABLE COURSE		
ENG CS 36A	Programming	(4)	COMSC 9A	C++ Programming	(4)
Formerly ENG CS 30			<u>OR</u>		
			COMSC 12	JAVA Programming	(3)

RESTRICTED ELECTIVES FOR BIOINFORMATICS OPTION:

ENG CS 36B	Object-Oriented Program	(4)	COMSC 11	Advanced C++ Programming	(3)
Formerly ENG CS 40					
ENG CS 36C	Data Structures	(4)	COMSC 9B	Data Structures	(4)
Formerly ENG CS 60					
ENG CS 50	Machine Dependent Prog	(4)	COMSC 2	Computer Assembly Language	(3)

END OF MAJOR

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

Special Advising Note:

The following majors in the College of the Biological Sciences--biochemistry and molecular biology; biological sciences; cell biology; evolution, ecology, and biodiversity; genetics and genomics; marine and coastal science (marine ecology & organismal biology); microbiology; neurobiology, physiology, and behavior; and plant biology--are selective and require preparatory coursework for admission.

Any required courses that are offered at your current campus must be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses are not offered at your college, you must complete them after enrolling at UC Davis.

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

REQUIREMENTS FOR ADMISSION:
(for 2019-20)

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 1	Principles of Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1 <u>&</u>	Principles of Biology	(5)
			BIOL 2 <u>&</u>	General Zoology	(4)
			BIOL 3	General Botany	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 2 <u>&</u>	General Zoology	(4)
			BIOL 3	General Botany	(4)
<hr/>					
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A <u>&</u>	General Chemistry	(5)
			CHEM 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
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CHEM 8A	Organic Chem-Brief	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 8B	Organic Chem-Brief	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 18A	Organic Chemistry for Health and Life Sciences	(4)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 18A <u>&</u>	Organic Chemistry for Health and Life Sciences	(4)
			CHEM 18B	Organic Chemistry for Health and Life Sciences	(4)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 18B	Organic Chemistry for Health and Life Sciences	(4)
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MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 1A	Single Variable Calculus I - Early Transcendentals	(4)
MATH 21B	Calculus	(4)	MATH 1B	Single Variable Calculus II - Early Transcendentals	(4)
<hr/>					
PHYSICS 7A	General Physics	(4)	PHYS 2A <u>&</u>	General Physics	(3)
			PHYS 3A <u>&</u>	General Physics Laboratory	(1)

			PHYS 2B &	General Physics	(3)
			PHYS 3B	General Physics Laboratory	(1)
PHYSICS 7B	General Physics	(4)	PHYS 2A &	General Physics	(3)
			PHYS 3A &	General Physics Laboratory	(1)
			PHYS 2B &	General Physics	(3)
			PHYS 3B	General Physics Laboratory	(1)
PHYSICS 7C	General Physics	(4)	PHYS 2A &	General Physics	(3)
			PHYS 3A &	General Physics Laboratory	(1)
			PHYS 2B &	General Physics	(3)
			PHYS 3B	General Physics Laboratory	(1)

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

RECOMMENDED:

MATH 21C	Calculus	(4)	MATH 1C	Multivariable Calculus	(4)
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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 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
	OR			OR	
CHEM 2AH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
CHEM 2BH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
CHEM 2CH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
<hr/>					
f) PHYSICS 9A	Classical Physics	(5)	PHYS 4A &	Mechanics	(4)
			PHYS 4B &	Electromagnetism	(4)
			PHYS 4C	Thermodynamics, Light	(4)
				and Modern Physics	
f) PHYSICS 9B	Classical Physics	(5)	PHYS 4A &	Mechanics	(4)
			PHYS 4B &	Electromagnetism	(4)
			PHYS 4C	Thermodynamics, Light	(4)
				and Modern Physics	
f) PHYSICS 9C	Classical Physics	(5)	PHYS 4A &	Mechanics	(4)
			PHYS 4B &	Electromagnetism	(4)
			PHYS 4C	Thermodynamics, Light	(4)
				and Modern Physics	
PHYSICS 9D	Modern Physics	(4)	NO COMPARABLE COURSE		

MATH 21A	Calculus	(4)	MATH 1A	Single Variable Calculus I - Early Transcendentals	(4)
MATH 21B	Calculus	(4)	MATH 1B	Single Variable Calculus II - Early Transcendentals	(4)
MATH 21C	Calculus	(4)	MATH 1C	Multivariable Calculus	(4)
MATH 21D	Vector Analysis	(4)	MATH 1C	Multivariable Calculus	(4)
MATH 22A	Linear Algebra	(3)	MATH 3	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 2	Ordinary Differential Equations	(3)
CHEM 128A	Organic Chemistry	(3)	CHEM 18A	Organic Chemistry for Health and Life Sciences	(4)
CHEM 128B	Organic Chemistry	(3)	CHEM 18A &	Organic Chemistry for Health and Life Sciences	(4)
			CHEM 18B	Organic Chemistry for Health and Life Sciences	(4)
CHEM 129A	Organic Chem Lab	(2)	CHEM 18A	Organic Chemistry for Health and Life Sciences	(4)

END OF MAJOR

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

===Chemistry A.B.===

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

College Foreign Language Requirement Note:

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

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

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

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

PHYSICS 7A	General Physics	(4)	PHYS 2A &	General Physics	(3)
			PHYS 3A &	General Physics	(1)
				Laboratory	
			PHYS 2B &	General Physics	(3)
			PHYS 3B	General Physics	(1)
				Laboratory	
PHYSICS 7B	General Physics	(4)	PHYS 2A &	General Physics	(3)
			PHYS 3A &	General Physics	(1)
				Laboratory	
			PHYS 2B &	General Physics	(3)
			PHYS 3B	General Physics	(1)
				Laboratory	
PHYSICS 7C	General Physics	(4)	PHYS 2A &	General Physics	(3)
			PHYS 3A &	General Physics	(1)
				Laboratory	
			PHYS 2B &	General Physics	(3)
			PHYS 3B	General Physics	(1)
				Laboratory	

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	
f) PHYSICS 9A	Classical Physics	(5)	PHYS 4A &	Mechanics	(4)
			PHYS 4B &	Electromagnetism	(4)
			PHYS 4C	Thermodynamics, Light	(4)
				and Modern Physics	
f) PHYSICS 9B	Classical Physics	(5)	PHYS 4A &	Mechanics	(4)
			PHYS 4B &	Electromagnetism	(4)

f) PHYSICS 9C	Classical Physics	(5)	PHYS 4C	Thermodynamics, Light and Modern Physics	(4)
			PHYS 4A &	Mechanics	(4)
			PHYS 4B &	Electromagnetism	(4)
			PHYS 4C	Thermodynamics, Light and Modern Physics	(4)
MATH 16A	Short Calculus	(3)	MATH 1A	Single Variable Calculus I - Early Transcendentals	(4)
			<u>OR</u>		
MATH 16B	Short Calculus	(3)	MATH 9	Calculus for Business, Social and Life Science	(4)
			MATH 1B	Single Variable Calculus II - Early Transcendentals	(4)
MATH 16C	Short Calculus	(3)	MATH 1B	Single Variable Calculus II - Early Transcendentals	(4)
	<u>OR</u>		<u>OR</u>		
MATH 17A	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
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 1A	Single Variable Calculus I - Early Transcendentals	(4)
MATH 21B	Calculus	(4)	MATH 1B	Single Variable Calculus II - Early Transcendentals	(4)
MATH 21C	Calculus	(4)	MATH 1C	Multivariable Calculus	(4)
CHEM 128A	Organic Chemistry	(3)	CHEM 18A	Organic Chemistry for Health and Life Sciences	(4)
CHEM 128B	Organic Chemistry	(3)	CHEM 18A &	Organic Chemistry for Health and Life Sciences	(4)
			CHEM 18B	Organic Chemistry for Health and Life Sciences	(4)
CHEM 128C	Organic Chemistry	(3)	CHEM 18B	Organic Chemistry for Health and Life Sciences	(4)
CHEM 129A	Organic Chem Lab	(2)	CHEM 18A	Organic Chemistry for Health and Life Sciences	(4)
CHEM 129B	Organic Chem Lab	(2)	CHEM 18B	Organic Chemistry for Health and Life Sciences	(4)

END OF MAJOR

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

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

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

f) PHYSICS 9A	Classical Physics	(5)	PHYS 4A &	Mechanics	(4)
			PHYS 4B &	Electromagnetism	(4)
			PHYS 4C	Thermodynamics, Light	(4)
				and Modern Physics	
f) PHYSICS 9B	Classical Physics	(5)	PHYS 4A &	Mechanics	(4)
			PHYS 4B &	Electromagnetism	(4)
			PHYS 4C	Thermodynamics, Light	(4)
				and Modern Physics	
f) PHYSICS 9C	Classical Physics	(5)	PHYS 4A &	Mechanics	(4)
			PHYS 4B &	Electromagnetism	(4)
			PHYS 4C	Thermodynamics, Light	(4)
				and Modern Physics	

MATH 21A	Calculus	(4)	MATH 1A	Single Variable Calculus I - Early Transcendentals	(4)
MATH 21B	Calculus	(4)	MATH 1B	Single Variable Calculus II - Early Transcendentals	(4)
MATH 21C	Calculus	(4)	MATH 1C	Multivariable Calculus	(4)
MATH 21D	Vector Analysis	(4)	MATH 1C	Multivariable Calculus	(4)
MATH 22A	Linear Algebra	(3)	MATH 3	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 2	Ordinary Differential Equations	(3)

CHEM 128A	Organic Chemistry	(3)	CHEM 18A	Organic Chemistry for Health and Life Sciences	(4)
CHEM 128B	Organic Chemistry	(3)	CHEM 18A &	Organic Chemistry for Health and Life Sciences	(4)
			CHEM 18B	Organic Chemistry for Health and Life Sciences	(4)
CHEM 128C	Organic Chemistry	(3)	CHEM 18B	Organic Chemistry for Health and Life Sciences	(4)
CHEM 129A	Organic Chem Lab	(2)	CHEM 18A	Organic Chemistry for Health and Life Sciences	(4)
CHEM 129B	Organic Chem Lab	(2)	CHEM 18B	Organic Chemistry for Health and Life Sciences	(4)
CHEM 129C	Organic Chem Lab	(2)	NO COMPARABLE COURSE		

RECOMMENDED COURSES:

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

PHYSICS 7A	General Physics	(4)	PHYS 2A &	General Physics	(3)
			PHYS 3A &	General Physics	(1)
				Laboratory	
			PHYS 2B &	General Physics	(3)
			PHYS 3B	General Physics	(1)
				Laboratory	
PHYSICS 7B	General Physics	(4)	PHYS 2A &	General Physics	(3)
			PHYS 3A &	General Physics	(1)
				Laboratory	
			PHYS 2B &	General Physics	(3)
			PHYS 3B	General Physics	(1)
				Laboratory	
PHYSICS 7C	General Physics	(4)	PHYS 2A &	General Physics	(3)
			PHYS 3A &	General Physics	(1)
				Laboratory	
			PHYS 2B &	General Physics	(3)
			PHYS 3B	General Physics	(1)
				Laboratory	

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	
f) PHYSICS 9A	Classical Physics	(5)	PHYS 4A &	Mechanics	(4)
			PHYS 4B &	Electromagnetism	(4)
			PHYS 4C	Thermodynamics, Light	(4)

f) PHYSICS 9B	Classical Physics	(5)	PHYS 4A &	and Modern Physics	
			PHYS 4B &	Mechanics	(4)
			PHYS 4C	Electromagnetism	(4)
				Thermodynamics, Light	(4)
f) PHYSICS 9C	Classical Physics	(5)	PHYS 4A &	and Modern Physics	
			PHYS 4B &	Mechanics	(4)
			PHYS 4C	Electromagnetism	(4)
				Thermodynamics, Light	(4)
				and Modern Physics	
MATH 16A	Short Calculus	(3)	MATH 1A	Single Variable	(4)
				Calculus I - Early	
				Transcendentals	
			<u>OR</u>		
			MATH 9	Calculus for Business,	(4)
				Social and Life Science	
MATH 16B	Short Calculus	(3)	MATH 1B	Single Variable	(4)
				Calculus II - Early	
				Transcendentals	
MATH 16C	Short Calculus	(3)	MATH 1B	Single Variable	(4)
				Calculus II - Early	
				Transcendentals	
	<u>OR</u>		<u>OR</u>		
MATH 17A	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not	
			submitted	course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)	NO COURSE	ARTICULATED: College has not	
			submitted	course(s) for articulation	
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 1A	Single Variable	(4)
				Calculus I - Early	
				Transcendentals	
MATH 21B	Calculus	(4)	MATH 1B	Single Variable	(4)
				Calculus II - Early	
				Transcendentals	
MATH 21C	Calculus	(4)	MATH 1C	Multivariable Calculus	(4)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1	Principles of Biology	(5)
STATIST 13	Elementary Statistics	(4)	STAT 1	Introduction to	(4)
	Same as: STATIST 13Y			Statistical Methods	
	<u>OR</u>		<u>OR</u>		
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 18A	Organic Chemistry for	(4)
				Health and Life	
				Sciences	
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 18A &	Organic Chemistry for	(4)
				Health and Life	
				Sciences	
			CHEM 18B	Organic Chemistry for	(4)
				Health and Life	
				Sciences	
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 18B	Organic Chemistry for	(4)
				Health and Life	
				Sciences	
	<u>OR</u>		<u>OR</u>		
CHEM 128A	Organic Chemistry	(3)	CHEM 18A	Organic Chemistry for	(4)
				Health and Life	
				Sciences	
CHEM 128B	Organic Chemistry	(3)	CHEM 18A &	Organic Chemistry for	(4)

				Health and Life Sciences	
			CHEM 18B	Organic Chemistry for Health and Life Sciences	(4)
CHEM 128C	Organic Chemistry	(3)	CHEM 18B	Organic Chemistry for Health and Life Sciences	(4)
CHEM 129A	Organic Chem Lab	(2)	CHEM 18A	Organic Chemistry for Health and Life Sciences	(4)
CHEM 129B	Organic Chem Lab	(2)	CHEM 18B	Organic Chemistry for Health and Life Sciences	(4)

END OF MAJOR

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

available from our TAG website.

CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
	OR			OR	
CHEM 2AH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
CHEM 2BH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
CHEM 2CH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
PHYSICS 7A	General Physics	(4)	PHYS 2A &	General Physics	(3)
			PHYS 3A &	General Physics	(1)
				Laboratory	
			PHYS 2B &	General Physics	(3)
			PHYS 3B	General Physics	(1)
				Laboratory	
PHYSICS 7B	General Physics	(4)	PHYS 2A &	General Physics	(3)
			PHYS 3A &	General Physics	(1)
				Laboratory	
			PHYS 2B &	General Physics	(3)
			PHYS 3B	General Physics	(1)
				Laboratory	
PHYSICS 7C	General Physics	(4)	PHYS 2A &	General Physics	(3)
			PHYS 3A &	General Physics	(1)
				Laboratory	
			PHYS 2B &	General Physics	(3)
			PHYS 3B	General Physics	(1)
				Laboratory	

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	
f) PHYSICS 9A	Classical Physics	(5)	PHYS 4A &	Mechanics	(4)
			PHYS 4B &	Electromagnetism	(4)
			PHYS 4C	Thermodynamics, Light	(4)
				and Modern Physics	
f) PHYSICS 9B	Classical Physics	(5)	PHYS 4A &	Mechanics	(4)
			PHYS 4B &	Electromagnetism	(4)
			PHYS 4C	Thermodynamics, Light	(4)
				and Modern Physics	
f) PHYSICS 9C	Classical Physics	(5)	PHYS 4A &	Mechanics	(4)
			PHYS 4B &	Electromagnetism	(4)
			PHYS 4C	Thermodynamics, Light	(4)
				and Modern Physics	

MATH 16A	Short Calculus	(3)	MATH 1A	Single Variable	(4)
				Calculus I - Early	
				Transcendentals	
			OR		
			MATH 9	Calculus for Business,	(4)
				Social and Life Science	
MATH 16B	Short Calculus	(3)	MATH 1B	Single Variable	(4)
				Calculus II - Early	
				Transcendentals	
MATH 16C	Short Calculus	(3)	MATH 1B	Single Variable	(4)
				Calculus II - Early	
				Transcendentals	
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED:	College has not	

MATH 17B	Calculus for Biosci	(4)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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 1A Single Variable Calculus I - Early Transcendentals (4)
MATH 21B	Calculus	(4)	MATH 1B Single Variable Calculus II - Early Transcendentals (4)
MATH 21C	Calculus	(4)	MATH 1C Multivariable Calculus (4)

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

ENV TOX 20	Introduction to Forensic Science	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

STATIST 13	Elementary Statistics	(4)	STAT 1 Introduction to Statistical Methods (4)
Same as: STATIST 13Y			
OR			OR
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE

CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 18A Organic Chemistry for Health and Life Sciences (4)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 18A <u>&</u> Organic Chemistry for Health and Life Sciences (4)
			CHEM 18B Organic Chemistry for Health and Life Sciences (4)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 18B Organic Chemistry for Health and Life Sciences (4)
OR			OR
CHEM 128A	Organic Chemistry	(3)	CHEM 18A Organic Chemistry for Health and Life Sciences (4)
CHEM 128B	Organic Chemistry	(3)	CHEM 18A <u>&</u> Organic Chemistry for Health and Life Sciences (4)
			CHEM 18B Organic Chemistry for Health and Life Sciences (4)
CHEM 128C	Organic Chemistry	(3)	CHEM 18B Organic Chemistry for Health and Life Sciences (4)
CHEM 129A	Organic Chem Lab	(2)	CHEM 18A Organic Chemistry for Health and Life Sciences (4)
CHEM 129B	Organic Chem Lab	(2)	CHEM 18B Organic Chemistry for Health and Life Sciences (4)

END OF MAJOR

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

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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)	ETHN 1	Introduction to Chicano (3)
				Studies
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 1 Elementary Spanish, Part (4) 1
e) SPANISH 2	Elementary Spanish	(5)	SPAN 1 <u>&</u> Elementary Spanish, Part (4) 1
			SPAN 2 Elementary Spanish, Part (4) 2
e) SPANISH 3	Elementary Spanish	(5)	SPAN 2 Elementary Spanish, Part (4) 2
	OR		OR
SPANISH 28	Inter Conversation	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
e) SPANISH 31	Int Span Nat Spk I	(5)	SPAN 20A Spanish for Heritage (4) Students
e) SPANISH 32	Int Span Nat Spk II	(5)	SPAN 20A <u>&</u> Spanish for Heritage (4) Students
			SPAN 20B Spanish for Heritage (4) Students

END OF MAJOR

e) UC Transfer Course Agreement states: SPAN 2 and 20A combined - maximum credit, one course. SPAN 3 and 20B combined - maximum credit, one course.

====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](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.

CHICANO 10	Intro to Chic Std	(4)	ETHN 1	Introduction to Chicano (3)
				Studies
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 7	Research Methods in (3)
				Psychology
SOCIOL 46A	Intro Social Rsch	(4)	SOCIL 8	Social Science Research (3)
				Methods

SPANISH 1	Elementary Spanish	(5)	SPAN 1	Elementary Spanish, Part (4)
			1	
e) SPANISH 2	Elementary Spanish	(5)	SPAN 1 &	Elementary Spanish, Part (4)
			1	
			SPAN 2	Elementary Spanish, Part (4)
			2	
e) SPANISH 3	Elementary Spanish	(5)	SPAN 2	Elementary Spanish, Part (4)
			2	
	OR		OR	
SPANISH 28	Inter Conversation	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
e) SPANISH 31	Int Span Nat Spk I	(5)	SPAN 20A	Spanish for Heritage (4)
				Students
e) SPANISH 32	Int Span Nat Spk II	(5)	SPAN 20A &	Spanish for Heritage (4)
				Students
			SPAN 20B	Spanish for Heritage (4)
				Students

END OF MAJOR

- e) **UC Transfer Course Agreement states:** SPAN 2 and 20A combined - maximum credit, one course. SPAN 3 and 20B combined - maximum credit, one course.

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

Special Advising Note:

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

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

Chinese Placement Examination Note:

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

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

x) CHINESE 1	Elem Chinese	(5)	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 COURSE ARTICULATED: College has not submitted course(s) for articulation
HISTORY 9A	East Asian Civ	(4)	NO COMPARABLE COURSE

END OF MAJOR

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

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

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

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

Select two of the following courses:

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

LATIN 1	Elementary Latin	(5)	NO COMPARABLE COURSE
LATIN 2	Elementary Latin	(5)	NO COMPARABLE COURSE
LATIN 3	Intermediate Latin	(5)	NO COMPARABLE COURSE
	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
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	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](http://ucdavis.edu/transfer). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment.

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

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

ENGLISH 3	Intro to Lit	(4)	ENGL 1B	Critical Thinking/Writing About Literature	(3)
	OR			OR	
UWRITING 1	Expository Writing	(4)	ENGL 1A	College Composition and Reading	(4)
<hr/>					
COMUNCN 1	Intro Public Spkg	(4)	SPECH 1	Public Speaking	(3)
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BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1	Principles of Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1 & BIOL 2 & BIOL 3	Principles of Biology General Zoology General Botany	(5) (4) (4)
<hr/>					
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A & CHEM 1B	General Chemistry General Chemistry	(5) (5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
CHEM 8A	Organic Chem-Brief	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
CHEM 8B	Organic Chem-Brief	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
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ECON 1A	Princ of Microecon	(4)	ECON 1B	Elementary Economics - Micro	(3)
	OR			OR	
ECON 1B	Princ of Macroecon	(4)	ECON 1A	Elementary Economics - Macro	(3)
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PSYCH 1	General Psychology	(4)	PSYCH 1A	General Psychology	(3)
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SOCIOL 1	Intro Sociology	(5)	SOCIL 1	Introduction to Sociology	(3)
	OR			OR	
SOCIOL 3	Social Problems	(4)	SOCIL 2	Social Problems	(3)

OR			OR		
ANTHRO 2	Cultural Anthropology	(5)	ANTHR 2	Cultural Anthropology	(3)
<hr/>					
STATIST 13	Elementary Statistics	(4)	STAT 1	Introduction to	(4)
Same as: STATIST 13Y			Statistical Methods		
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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 COURSE ARTICULATED: College has not submitted course(s)for articulation
COG SCI 1	Intro Cognitive Science	(4)	NO COURSE ARTICULATED

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

PSYCH 1	General Psychology	(4)	PSYCH 1A	General Psychology	(3)
PSYCH 41	Research Methods	(4)	PSYCH 7	Research Methods in Psychology	(3)

STATIST 13	Elementary Statistics	(4)	STAT 1	Introduction to Statistical Methods	(4)
Same as: STATIST 13Y					

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)	NO COMPARABLE COURSE		
ENG CS 32A	Intro to Programming	(4)	COMSC 10L	Computer Literacy	(3)
Formerly ENG CS 10					

OR				OR	
ENG CS 36A	Programming	(4)		COMSC 9A	C++ Programming (4)
	Formerly ENG CS 30			OR	
ENG CS 34	UNIX & C++	(5)		COMSC 12	JAVA Programming (3)
OR				NO COURSE	ARTICULATED
ENG CS 36B	Object-Oriented Program	(4)		COMSC 11	Advanced C++ (3)
	Formerly ENG CS 40				Programming
ENG CS 50	Machine Dependent Prog	(4)		COMSC 2	Computer Assembly (3)
					Language
ENG CS 32B	Intro to Data Structures	(4)			
OR				OR	
ENG CS 36C	Data Structures	(4)		COMSC 9B	Data Structures (4)
	Formerly ENG CS 60				

LINGUIS 1	Intro Linguistics	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation
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MATH 17A	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation
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MATH 17B	Calculus for Biosci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation
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OR			OR	
MATH 21A	Calculus	(4)	MATH 1A	Single Variable (4)
				Calculus I - Early Transcendentals
MATH 21B	Calculus	(4)	MATH 1B	Single Variable (4)
				Calculus II - Early Transcendentals

MATH 22A	Linear Algebra	(3)	MATH 3	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
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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)	NO COMPARABLE COURSE	
PHILOS 13G	Minds, Brains Comp w/Disc	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation

PSYCH 1	General Psychology	(4)	PSYCH 1A	General Psychology (3)
PSYCH 41	Research Methods	(4)	PSYCH 7	Research Methods in (3)
				Psychology

STATIST 13	Elementary Statistics	(4)	STAT 1	Introduction to (4)
	Same as: STATIST 13Y			Statistical Methods

Emphasis 2: Neuroscience

BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 1	Principles of Biology (5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1 &	Principles of Biology (5)
			BIOL 2 &	General Zoology (4)
			BIOL 3	General Botany (4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 2 &	General Zoology (4)
			BIOL 3	General Botany (4)

LINGUIS 1	Intro Linguistics	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation
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MATH 17A	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
MATH 17C	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
	OR			OR	
MATH 21A	Calculus	(4)	MATH 1A	Single Variable Calculus I - Early Transcendentals	(4)
MATH 21B	Calculus	(4)	MATH 1B	Single Variable Calculus II - Early Transcendentals	(4)
MATH 21C	Calculus	(4)	MATH 1C	Multivariable Calculus	(4)
COG SCI 1	Intro Cognitive Science	(4)	NO COURSE	ARTICULATED	
	OR			OR	
PHILOS 10	Intro Cognitive Science	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
PHILOS 13G	Minds, Brains Comp w/Disc	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
PHYSICS 7A	General Physics	(4)	PHYS 2A & PHYS 3A	General Physics Laboratory	(3) (1)
			PHYS 2B & PHYS 3B	General Physics Laboratory	(3) (1)
PHYSICS 7B	General Physics	(4)	PHYS 2A & PHYS 3A	General Physics Laboratory	(3) (1)
			PHYS 2B & PHYS 3B	General Physics Laboratory	(3) (1)
PHYSICS 7C	General Physics	(4)	PHYS 2A & PHYS 3A	General Physics Laboratory	(3) (1)
			PHYS 2B & PHYS 3B	General Physics Laboratory	(3) (1)
	OR			OR	
f) PHYSICS 9A	Classical Physics	(5)	PHYS 4A & PHYS 4B & PHYS 4C	Mechanics Electromagnetism Thermodynamics, Light and Modern Physics	(4) (4) (4)
f) PHYSICS 9B	Classical Physics	(5)	PHYS 4A & PHYS 4B & PHYS 4C	Mechanics Electromagnetism Thermodynamics, Light and Modern Physics	(4) (4) (4)
f) PHYSICS 9C	Classical Physics	(5)	PHYS 4A & PHYS 4B & PHYS 4C	Mechanics Electromagnetism Thermodynamics, Light and Modern Physics	(4) (4) (4)
PSYCH 1	General Psychology	(4)	PSYCH 1A	General Psychology	(3)
PSYCH 41	Research Methods	(4)	PSYCH 7	Research Methods in Psychology	(3)
STATIST 13	Elementary Statistics	(4)	STAT 1	Introduction to Statistical Methods	(4)
	Same as: STATIST 13Y				

END OF MAJOR

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

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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 COURSE ARTICULATED: College has not submitted course(s)for articulation
COMUNCN 1	Intro Public Spkg	(4)	SPECH 1 Public Speaking (3)
	OR		OR

COMUNCN 3	Intprsnl Com Cmpetnce	(4)		SPECH 7	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)		COMSC 6	BASIC Language 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.

	OR			OR		
PHILOS 12	Intro to Symbol Logic	(4)		NO COMPARABLE COURSE		

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

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

SOCIOL 46B	Intro Social Rsch	(5)		NO COMPARABLE COURSE		
	OR			OR		
STATIST 13	Elementary Statistics	(4)		STAT 1	Introduction to Statistical Methods	(4)
Same as: STATIST 13Y						

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

Transfer Admission Guarantee (TAG) Note:

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

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General

Education(GE) Note:

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

College 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)		SPECH 1	Public Speaking	(3)
COMPLIT 1	Major Books-Ancient World	(4)		NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
COMPLIT 2	Major Books-Middle Ages	(4)		NO COURSE ARTICULATED: College has not		

COMPLIT 3	to Enlightenment Major Books-The Modern Crisis	(4)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
COMPLIT 4	Maj Books:Cont Wrld	(4)	NO COMPARABLE COURSE
ENGLISH 3	Intro to Lit	(4)	ENGL 1B Critical Thinking/Writing About Literature (3)
N A STD 5	Intro NA Literature	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
UWRITING 1	Expository Writing	(4)	ENGL 1A College Composition and Reading (4)
UWRITING 48	Style in the Essay Formerly UWRITING 18	(4)	ENGL 1C Critical Thinking/Advanced Composition (3)
UWRITING 49	Writing Research Papers Formerly UWRITING 19	(4)	NO COMPARABLE COURSE

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

PL SCI 21	Computers in Technology	(3)	NO COMPARABLE COURSE
	OR		OR
B) ENG CS 15	Intro to Computers	(4)	COMSC 6 BASIC Language 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 1B Elementary Economics - Micro (3)
	OR		OR
ECON 1B	Princ of Macroecon	(4)	ECON 1A Elementary Economics - Macro (3)

ANTHRO 2	Cultural Anthropology	(5)	ANTHR 2 Cultural Anthropology (3)
	OR		OR
SOCIOL 1	Intro Sociology	(5)	SOCIL 1 Introduction to Sociology (3)

STATIST 13	Elementary Statistics Same as: STATIST 13Y	(4)	STAT 1 Introduction to Statistical Methods (4)
	OR		OR
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE
	OR		OR
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE

END OF MAJOR

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

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

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

	to Enlightenment		submitted course(s) for articulation
COMPLIT 3	Major Books-The Modern Crisis	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
COMPLIT 4	Maj Books:Cont Wrld	(4)	NO COMPARABLE COURSE
COMPLIT 5	Fairy Tales, Fables, Parables	(4)	NO COMPARABLE COURSE
COMPLIT 6	Myths & Legends	(4)	NO COMPARABLE COURSE
COMPLIT 7	Lit:Fant,Supernatl	(4)	NO COMPARABLE COURSE
COMPLIT 8	Utopias Transform	(4)	NO COMPARABLE COURSE
COMPLIT 9	Short Story & Novella	(4)	NO 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 1A	Single Variable Calculus I - Early Transcendentals	(4)
MATH 21B	Calculus	(4)	MATH 1B	Single Variable Calculus II - Early Transcendentals	(4)
MATH 21C	Calculus	(4)	MATH 1C	Multivariable Calculus	(4)
MATH 22A	Linear Algebra	(3)	MATH 3	Linear Algebra	(3)
	OR			OR	
MATH 67	Modern Linear Algebra	(4)	NO COURSE ARTICULATED: College has not		

			submitted course(s) for articulation
ENG CS 20	C Sci/Discrete Math	(4)	NO COMPARABLE COURSE
ENG CS 36A	Programming	(4)	COMSC 9A C++ Programming (4)
Formerly ENG CS 30			<u>OR</u>
ENG CS 36B	Object-Oriented Program	(4)	COMSC 12 JAVA Programming (3)
			COMSC 11 Advanced C++ (3)
Formerly ENG CS 40			Programming
ENG CS 36C	Data Structures	(4)	COMSC 9B Data Structures (4)
Formerly ENG CS 60			
ENG CS 50	Machine Dependent Prog	(4)	COMSC 2 Computer Assembly (3)
			Language

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

THREE OF THE FOLLOWING COURSES:

BIOLSCI 2A	Intro Biology:Life on Earth	(5)		BIOL 1	Principles of Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL 1 &	Principles of Biology	(5)
				BIOL 2 &	General Zoology	(4)
				BIOL 3	General Botany	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOL 2 &	General Zoology	(4)
				BIOL 3	General Botany	(4)
CHEM 2A	Genl Chemistry	(5)		CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 1A &	General Chemistry	(5)
				CHEM 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)		CHEM 1B	General Chemistry	(5)
CHEM 2AH	Honors Genl Chemistry	(5)		NO COMPARABLE COURSE		
CHEM 2BH	Honors Genl Chemistry	(5)		NO COMPARABLE COURSE		
CHEM 2CH	Honors Genl Chemistry	(5)		NO COMPARABLE COURSE		
f) PHYSICS 9A	Classical Physics	(5)		PHYS 4A &	Mechanics	(4)
				PHYS 4B &	Electromagnetism	(4)
				PHYS 4C	Thermodynamics, Light and Modern Physics	(4)
f) PHYSICS 9B	Classical Physics	(5)		PHYS 4A &	Mechanics	(4)
				PHYS 4B &	Electromagnetism	(4)
				PHYS 4C	Thermodynamics, Light and Modern Physics	(4)
f) PHYSICS 9C	Classical Physics	(5)		PHYS 4A &	Mechanics	(4)
				PHYS 4B &	Electromagnetism	(4)
				PHYS 4C	Thermodynamics, Light and Modern Physics	(4)

END OF MAJOR

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

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

Special Advising Note:

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

DESIGN 1	Intro to Design	(4)	NO COMPARABLE COURSE
DESIGN 14	Design Drawing	(4)	NO COMPARABLE COURSE
	OR		OR
DESIGN 21	Drafting and Perspective	(4)	NO COMPARABLE COURSE
DESIGN 15	Form & Color	(4)	NO COMPARABLE COURSE
	AND		AND
DESIGN 16	Graphics & The Computer	(4)	NO COMPARABLE COURSE
DESIGN 40A	Energy, Materials, Design	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	OR		OR
DESIGN 40B	Ideologies of Design	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	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 COURSE ARTICULATED: College has not submitted course(s) for articulation		
DESIGN 40B	Ideologies of Design	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
DESIGN 40C	Design Aesthetics/Exper	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
DESIGN 50	Intro to 3-D Design	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
DESIGN 70	Intro Textile Structure	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
DESIGN 77	Intro to Fashion Design	(4)	NO COMPARABLE COURSE		

UWRITING 11	Pop Sci & Technol Wrtng	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
	OR		OR		
UWRITING 12	Writing/Visual Rhetoric	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
	OR		OR		
UWRITING 48	Style in the Essay	(4)	ENGL 1C	Critical Thinking/Advanced Composition	(3)
	Formerly UWRITING 18				
	OR		OR		
UWRITING 49	Writing Research Papers	(4)	NO COMPARABLE COURSE		
	Formerly UWRITING 19				
END OF MAJOR					

END OF MAJOR**====East Asian Studies A.B.====****Special Advising Note:**

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

College Foreign Language Requirement Note:

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

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

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

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

ONE COURSE FROM THE FOLLOWING:

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

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

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

END OF MAJOR

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

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

Special Advising Note:

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

and significantly reduces time to degree.

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

BIOLSCI 2A	Intro Biology: Life on Earth	(5)		BIOL 1	Principles of Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL 1 & BIOL 2	Principles of Biology	(5)
				BIOL 3	General Zoology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOL 2 & BIOL 3	General Botany	(4)
					General Zoology	(4)
					General Botany	(4)

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

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

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

MATH 16A	Short Calculus	(3)		MATH 1A	Single Variable Calculus I - Early Transcendentals	(4)
				OR		
				MATH 9	Calculus for Business, Social and Life Science	(4)
MATH 16B	Short Calculus	(3)		MATH 1B	Single Variable Calculus II - Early Transcendentals	(4)
	OR				OR	

MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
OR			OR
MATH 21A	Calculus	(4)	MATH 1A Single Variable Calculus I - Early Transcendentals (4)
MATH 21B	Calculus	(4)	MATH 1B Single Variable Calculus II - Early Transcendentals (4)

ENV S&P 1	Env Analysis	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

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 1B	Elementary Economics - Micro	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 1A	Elementary Economics - Macro	(3)
<hr/>					
STATIST 13	Elementary Statistics	(4)	STAT 1	Introduction to Statistical Methods	(4)
Same as: STATIST 13Y					
OR			OR		
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		
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MATH 16A	Short Calculus	(3)	MATH 1A	Single Variable Calculus I - Early Transcendentals	(4)
			OR		
			MATH 9	Calculus for Business, Social and Life Science	(4)
MATH 16B	Short Calculus	(3)	MATH 1B	Single Variable Calculus II - Early Transcendentals	(4)
			OR		
MATH 21A	Calculus	(4)	MATH 1A	Single Variable Calculus I - Early Transcendentals	(4)

MATH 21B	Calculus	(4)	MATH 1B	Single Variable	(4)
				Calculus II - Early	
				Transcendentals	

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

MATH 21C	Calculus	(4)	MATH 1C	Multivariable Calculus	(4)
MATH 22A	Linear Algebra	(3)	MATH 3	Linear Algebra	(3)

END OF MAJOR

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

Special Advising Note:

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

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

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

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

enrollment. See the UC Davis [transfer admission website](#) for details.

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

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

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

ENGLISH 3	Intro to Lit	(4)	ENGL 1B	Critical Thinking/Writing About Literature	(3)
	OR			OR	
UWRITING 1	Expository Writing	(4)	ENGL 1A	College Composition and Reading	(4)
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ENGLISH 10A	Literatures in English I: To 1700	(4)	ENGL 46A	Introduction to English Literature, I	(3)
ENGLISH 10B	Literatures in English II: 1700-1900	(4)	ENGL 30A	Introduction to American Literature I	(3)
ENGLISH 10C	Literatures in English III: 1900 to Present	(4)	ENGL 30B	Introduction to American Literature II	(3)
			OR		
			ENGL 46B	Introduction to English Literature, II	(3)

ONE COURSE FROM THE FOLLOWING:

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

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

You should also be aware, however, that the University requires two courses in

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

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

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

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

BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 1	Principles of Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1 <u>&</u> BIOL 2 <u>&</u> BIOL 3	Principles of Biology General Zoology General Botany	(5) (4) (4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 2 <u>&</u> BIOL 3	General Zoology General Botany	(4) (4)
<hr/>					
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A <u>&</u> CHEM 1B	General Chemistry General Chemistry	(5) (5)
<hr/>					
CHEM 8A	Organic Chem-Brief	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 8B	Organic Chem-Brief	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
OR			OR		
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 18A	Organic Chemistry for Health and Life Sciences	(4)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 18A <u>&</u> CHEM 18B	Organic Chemistry for Health and Life Sciences Organic Chemistry for Health and Life Sciences	(4) (4)
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MATH 16A	Short Calculus	(3)	MATH 1A	Single Variable Calculus I - Early Transcendentals	(4)
			OR		
			MATH 9	Calculus for Business, Social and Life Science	(4)
MATH 16B	Short Calculus	(3)	MATH 1B	Single Variable Calculus II - Early Transcendentals	(4)
MATH 16C	Short Calculus	(3)	MATH 1B	Single Variable Calculus II - Early Transcendentals	(4)
OR			OR		
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
OR			OR	
MATH 21A	Calculus	(4)	MATH 1A	Single Variable Calculus I - Early Transcendentals (4)
MATH 21B	Calculus	(4)	MATH 1B	Single Variable Calculus II - Early Transcendentals (4)
MATH 21C	Calculus	(4)	MATH 1C	Multivariable Calculus (4)

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

STATIST 13	Elementary Statistics	(4)	STAT 1	Introduction to Statistical Methods (4)
Same as: STATIST 13Y				
OR			OR	
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE	
OR			OR	
PL SCI 21	Computers in Technology	(3)	NO COMPARABLE COURSE	

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

Special Advising Note:

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

END OF MAJOR

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

ENVHORT 1	Intro Envhort/Urb For	(3)	NO COMPARABLE COURSE	
ENVHORT 6	Intro Environ Plants	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
LND ARC 30	History Environ Design	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1	Principles of Biology (5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1 & BIOL 2 & BIOL 3	Principles of Biology (5) General Zoology (4) General Botany (4)
PL SCI 2	Bot Physio Cul Plt	(4)	PLSCI 20	Principles of Plant Science (3)
			<u>OR</u>	
			PLSCI 20L	Principles of Plant Science (4)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry (5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A & CHEM 1B	General Chemistry (5) General Chemistry (5)
ENV S&P 1	Env Analysis	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
	<u>OR</u>		<u>OR</u>	
ENV S&P 10	Current Issues in Environment	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
	ENV S&P 10 not open for credit to students who have completed ENV S&P 1			
	<u>OR</u>		<u>OR</u>	
ENV S&P 30	Global Ecosystem	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
	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 1A	Single Variable Calculus I - Early Transcendentals (4)
			<u>OR</u>	
			MATH 9	Calculus for Business, Social and Life Science (4)
	<u>OR</u>		<u>OR</u>	
STATIST 13	Elementary Statistics	(4)	STAT 1	Introduction to Statistical Methods (4)
	Same as: STATIST 13Y			

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

URBAN LANDSCAPE MANAGEMENT OPTION

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

COMUNCN 1	Intro Public Spkg	(4)	SPECH 1	Public Speaking (3)
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END OF MAJOR

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

Special Advising Note:

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

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

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ASSIST for more information about UC Davis GE.

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

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

AP and IB examination credit policies 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)	SPECH 1	Public Speaking	(3)
	OR			OR	
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	SPECH 7	Interpersonal Communication	(3)
	OR			OR	
DRAMART 10	Intro To Acting	(4)	THART 11A	Introduction to Acting	(3)
			OR		
			THART 11B	Introduction to Acting	(3)

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1	Principles of Biology	(5)
	OR			OR	
BIOLSCI 10	Everyday Biology	(4)	BIOL 10L	General Biology	(4)
			OR		
			BIOL 15	Bioscience	(4)

CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
	OR			OR	
CHEM 10	Concept of Chem	(4)	CHEM 10	Concepts of Chemistry	(3)

PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
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BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1 &	Principles of Biology	(5)
			BIOL 2 &	General Zoology	(4)
			BIOL 3	General Botany	(4)
	OR			OR	
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry	(5)
	OR			OR	
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE		

ONE COURSE FROM THE FOLLOWING:

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

ECON 1A	Princ of Microecon	(4)	ECON 1B	Elementary Economics - Micro	(3)
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ECON 1B	Princ of Macroecon	(4)	ECON 1A	Elementary Economics - Macro	(3)
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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	
g) GEOLOGY 1	The Earth	(4)	GEOL 10	Introduction to Geology (3)
			OR	
PL SCI 12	Plants and Society	(4)	GEOL 10L	Physical Geology (4)
	Same as: SCI&SOC 12		NO COMPARABLE COURSE	
	FORMERLY PLANT BIO 12			
W&F BIO 51	Intro to Conservation Biology	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	

ENV S&P 1	Env Analysis	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	

MATH 16A	Short Calculus	(3)	MATH 1A	Single Variable Calculus I - Early Transcendentals (4)
			OR	
			MATH 9	Calculus for Business, Social and Life Science (4)
MATH 16B	Short Calculus	(3)	MATH 1B	Single Variable Calculus II - Early Transcendentals (4)
			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 1A	Single Variable Calculus I - Early Transcendentals (4)
MATH 21B	Calculus	(4)	MATH 1B	Single Variable Calculus II - Early Transcendentals (4)

POL SCI 1	Amer Natl Govt	(4)	POLSC 1	Introduction to American Government (3)

STATIST 13	Elementary Statistics	(4)	STAT 1	Introduction to Statistical Methods (4)
	Same as: STATIST 13Y			
			OR	
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE	

CLIMATE CHANGE POLICY AREA:

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

g) If a student takes GEOL 10 or 10L at Yuba College, credit will be given for UC Davis's GEOLOGY 1 or 50, not both. UC Transfer Course Agreement states: GEOL 10 and 10L combined - maximum credit, one course (per catalog).

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

Special Advising Note:

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

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

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

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

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

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

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

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

COMUNCN 1	Intro Public Spkg	(4)	SPECH 1	Public Speaking	(3)
	OR			OR	
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	SPECH 7	Interpersonal Communication	(3)
	OR			OR	
DRAMART 10	Intro To Acting	(4)	THART 11A	Introduction to Acting	(3)
			OR		
			THART 11B	Introduction to Acting	(3)
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BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1	Principles of Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1 &	Principles of Biology	(5)
			BIOL 2 &	General Zoology	(4)
			BIOL 3	General Botany	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 2 &	General Zoology	(4)
			BIOL 3	General Botany	(4)
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CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry	(5)
	OR			OR	
CHEM 2AH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
CHEM 2BH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
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g) GEOLOGY 1	The Earth	(4)	GEOL 10	Introduction to Geology	(3)
			OR		
			GEOL 10L	Physical Geology	(4)
	OR			OR	
g) GEOLOGY 50	Physical Geology	(3)	GEOL 10	Introduction to Geology	(3)
h)			OR		
			GEOL 10L	Physical Geology	(4)
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PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE		
	OR			OR	
PHYSICS 7A	General Physics	(4)	PHYS 2A &	General Physics	(3)
			PHYS 3A &	General Physics Laboratory	(1)
			PHYS 2B &	General Physics	(3)

			PHYS 3B	General Physics Laboratory	(1)
PHYSICS 7B	General Physics	(4)	PHYS 2A &	General Physics	(3)
			PHYS 3A &	General Physics Laboratory	(1)
			PHYS 2B &	General Physics	(3)
			PHYS 3B	General Physics Laboratory	(1)
PHYSICS 7C	General Physics	(4)	PHYS 2A &	General Physics	(3)
			PHYS 3A &	General Physics Laboratory	(1)
			PHYS 2B &	General Physics	(3)
			PHYS 3B	General Physics Laboratory	(1)

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

ECON 1A	Princ of Microecon	(4)	ECON 1B	Elementary Economics - Micro	(3)
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MATH 16A	Short Calculus	(3)	MATH 1A	Single Variable Calculus I - Early Transcendentals	(4)
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OR

			MATH 9	Calculus for Business, Social and Life Science	(4)
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MATH 16B	Short Calculus	(3)	MATH 1B	Single Variable Calculus II - Early Transcendentals	(4)
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OR

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

MATH 21A	Calculus	(4)	MATH 1A	Single Variable Calculus I - Early Transcendentals	(4)
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MATH 21B	Calculus	(4)	MATH 1B	Single Variable Calculus II - Early Transcendentals	(4)
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ENV S&P 1	Env Analysis	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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RECOMMENDED COURSES FOR THIS MAJOR:

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

PREPARATION FOR GRADUATION:

STATIST 13	Elementary Statistics	(4)	STAT 1	Introduction to Statistical Methods	(4)
Same as: STATIST 13Y					

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 COURSE ARTICULATED: College has not submitted course(s) for articulation

END OF MAJOR

- g) If a student takes GEOL 10 or 10L at Yuba College, credit will be given for UC Davis's GEOLOGY 1 or 50, not both. UC Transfer Course Agreement states: GEOL 10 and 10L combined - maximum credit, one course (per catalog).
- h) These courses are 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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BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1 &	Principles of Biology	(5)
			BIOL 2 &	General Zoology	(4)
			BIOL 3	General Botany	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 2 &	General Zoology	(4)
			BIOL 3	General Botany	(4)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)

OR			OR		
CHEM 2AH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
CHEM 2BH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
CHEM 2CH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
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CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 18A	Organic Chemistry for Health and Life Sciences	(4)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 18A <u>&</u>	Organic Chemistry for Health and Life Sciences	(4)
			CHEM 18B	Organic Chemistry for Health and Life Sciences	(4)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 18B	Organic Chemistry for Health and Life Sciences	(4)
OR			OR		
CHEM 128A	Organic Chemistry	(3)	CHEM 18A	Organic Chemistry for Health and Life Sciences	(4)
CHEM 128B	Organic Chemistry	(3)	CHEM 18A <u>&</u>	Organic Chemistry for Health and Life Sciences	(4)
			CHEM 18B	Organic Chemistry for Health and Life Sciences	(4)
CHEM 128C	Organic Chemistry	(3)	CHEM 18B	Organic Chemistry for Health and Life Sciences	(4)
CHEM 129A	Organic Chem Lab	(2)	CHEM 18A	Organic Chemistry for Health and Life Sciences	(4)
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MATH 17A	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
MATH 17C	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
OR			OR		
MATH 21A	Calculus	(4)	MATH 1A	Single Variable Calculus I - Early Transcendentals	(4)
MATH 21B	Calculus	(4)	MATH 1B	Single Variable Calculus II - Early Transcendentals	(4)
MATH 21C	Calculus	(4)	MATH 1C	Multivariable Calculus	(4)
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PHYSICS 7A	General Physics	(4)	PHYS 2A <u>&</u>	General Physics	(3)
			PHYS 3A <u>&</u>	General Physics Laboratory	(1)
			PHYS 2B <u>&</u>	General Physics	(3)
			PHYS 3B	General Physics Laboratory	(1)
PHYSICS 7B	General Physics	(4)	PHYS 2A <u>&</u>	General Physics	(3)
			PHYS 3A <u>&</u>	General Physics Laboratory	(1)
			PHYS 2B <u>&</u>	General Physics	(3)
			PHYS 3B	General Physics Laboratory	(1)
PHYSICS 7C	General Physics	(4)	PHYS 2A <u>&</u>	General Physics	(3)
			PHYS 3A <u>&</u>	General Physics	(1)

	Laboratory	
PHYS 2B &	General Physics	(3)
PHYS 3B	General Physics	(1)
	Laboratory	

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

END OF MAJOR

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

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1	Principles of Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1 & BIOL 2 & BIOL 3	Principles of Biology General Zoology General Botany	(5) (4) (4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree	(5)	BIOL 2 & BIOL 3	General Zoology General Botany	(4) (4)

of Life						
CHEM 2A	Genl Chemistry	(5)		CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 1A &	General Chemistry	(5)
				CHEM 1B	General Chemistry	(5)
CHEM 8A	Organic Chem-Brief	(2)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 8B	Organic Chem-Brief	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17A	Calculus for BioSci	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR				OR	
MATH 21A	Calculus	(4)		MATH 1A	Single Variable Calculus I - Early Transcendentals	(4)
MATH 21B	Calculus	(4)		MATH 1B	Single Variable Calculus II - Early Transcendentals	(4)
PHYSICS 1A	Principles Physics	(3)		NO COMPARABLE COURSE		
PHYSICS 1B	Principles Physics	(3)		NO COMPARABLE COURSE		

RECOMMENDED:

MATH 17C	Calculus for BioSci	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR				OR	
MATH 21C	Calculus	(4)		MATH 1C	Multivariable Calculus	(4)

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:

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

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

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)		BIOL 1	Principles of Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL 1 <u>&</u>	Principles of Biology	(5)
				BIOL 2 <u>&</u>	General Zoology	(4)
				BIOL 3	General Botany	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree	(5)		BIOL 2 <u>&</u>	General Zoology	(4)
				BIOL 3	General Botany	(4)

of Life				
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry (5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry (5)
			CHEM 1B	General Chemistry (5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry (5)
CHEM 8A	Organic Chem-Brief	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
CHEM 8B	Organic Chem-Brief	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
	OR			OR
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 18A	Organic Chemistry for (4) Health and Life Sciences
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 18A &	Organic Chemistry for (4) Health and Life Sciences
			CHEM 18B	Organic Chemistry for (4) Health and Life Sciences
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 18B	Organic Chemistry for (4) Health and Life Sciences
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 1A	Single Variable (4) Calculus I - Early Transcendentals
MATH 21B	Calculus	(4)	MATH 1B	Single Variable (4) Calculus II - Early Transcendentals
PHYSICS 7A	General Physics	(4)	PHYS 2A &	General Physics (3)
			PHYS 3A &	General Physics (1) Laboratory
			PHYS 2B &	General Physics (3)
			PHYS 3B	General Physics (1) Laboratory
PHYSICS 7B	General Physics	(4)	PHYS 2A &	General Physics (3)
			PHYS 3A &	General Physics (1) Laboratory
			PHYS 2B &	General Physics (3)
			PHYS 3B	General Physics (1) Laboratory
PHYSICS 7C	General Physics	(4)	PHYS 2A &	General Physics (3)
			PHYS 3A &	General Physics (1) Laboratory
			PHYS 2B &	General Physics (3)
			PHYS 3B	General Physics (1) Laboratory

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

RECOMMENDED:			
MATH 21C	Calculus	(4)	MATH 1C Multivariable Calculus (4)

END OF MAJOR

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
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The undergraduate major Fiber and Polymer Science in the College of Agricultural and Environmental Sciences has been suspended for fall 2017 applicants, and fall 2017 TAGs will not be available. The minor in Fiber and Polymer Science will remain available to these applicants. Fall 2017 applicants are encouraged to consider the Textiles and Clothing major, Textile Science option.

CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
<hr/>					
B) ENG CS 15	Intro to Computers	(4)	COMSC 6	BASIC Language Programming	(3)
	OR			OR	
ENG CS 36A	Programming	(4)	COMSC 9A	C++ Programming	(4)
Formerly ENG CS 30			OR		
			COMSC 12	JAVA 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 1A	Single Variable Calculus I - Early Transcendentals	(4)
			OR		
			MATH 9	Calculus for Business, Social and Life Science	(4)
MATH 16B	Short Calculus	(3)	MATH 1B	Single Variable Calculus II - Early Transcendentals	(4)
MATH 16C	Short Calculus	(3)	MATH 1B	Single Variable Calculus II - Early Transcendentals	(4)
	OR			OR	
MATH 21A	Calculus	(4)	MATH 1A	Single Variable Calculus I - Early Transcendentals	(4)
MATH 21B	Calculus	(4)	MATH 1B	Single Variable Calculus II - Early Transcendentals	(4)
MATH 21C	Calculus	(4)	MATH 1C	Multivariable Calculus	(4)
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PHYSICS 7A	General Physics	(4)	PHYS 2A &	General Physics	(3)
			PHYS 3A &	General Physics Laboratory	(1)

			PHYS 2B &	General Physics	(3)
			PHYS 3B	General Physics Laboratory	(1)
PHYSICS 7B	General Physics	(4)	PHYS 2A &	General Physics	(3)
			PHYS 3A &	General Physics Laboratory	(1)
			PHYS 2B &	General Physics	(3)
			PHYS 3B	General Physics Laboratory	(1)
PHYSICS 7C	General Physics	(4)	PHYS 2A &	General Physics	(3)
			PHYS 3A &	General Physics Laboratory	(1)
			PHYS 2B &	General Physics	(3)
			PHYS 3B	General Physics Laboratory	(1)

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	
f) PHYSICS 9A	Classical Physics	(5)	PHYS 4A &	Mechanics	(4)
			PHYS 4B &	Electromagnetism	(4)
			PHYS 4C	Thermodynamics, Light and Modern Physics	(4)
f) PHYSICS 9B	Classical Physics	(5)	PHYS 4A &	Mechanics	(4)
			PHYS 4B &	Electromagnetism	(4)
			PHYS 4C	Thermodynamics, Light and Modern Physics	(4)
f) PHYSICS 9C	Classical Physics	(5)	PHYS 4A &	Mechanics	(4)
			PHYS 4B &	Electromagnetism	(4)
			PHYS 4C	Thermodynamics, Light and Modern Physics	(4)
STATIST 13	Elementary Statistics	(4)	STAT 1	Introduction to Statistical Methods	(4)
Same as: STATIST 13Y					
TEX&CL 6	Intro Textiles	(4)	NO COMPARABLE COURSE		
TEX&CL 8	Textile Apparel Ind	(4)	NO COMPARABLE COURSE		
	OR			OR	
ENGIN 45	Prop of Mats	(4)	ENGR 45	Properties of Materials	(4)

PREPARATION FOR GRADUATION:

CHEM 128A	Organic Chemistry	(3)	CHEM 18A	Organic Chemistry for Health and Life Sciences	(4)
CHEM 128B	Organic Chemistry	(3)	CHEM 18A &	Organic Chemistry for Health and Life Sciences	(4)
			CHEM 18B	Organic Chemistry for Health and Life Sciences	(4)
CHEM 128C	Organic Chemistry	(3)	CHEM 18B	Organic Chemistry for Health and Life Sciences	(4)
CHEM 129A	Organic Chem Lab	(2)	CHEM 18A	Organic Chemistry for Health and Life Sciences	(4)

CHEM 129B	Organic Chem Lab	(2)	CHEM 18B	Organic Chemistry for Health and Life Sciences	(4)
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ELECTIVE COURSES:					
ECON 1A	Princ of Microecon	(4)	ECON 1B	Elementary Economics - Micro	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 1A	Elementary Economics - Macro	(3)
MATH 22A	Linear Algebra	(3)	MATH 3	Linear Algebra	(3)
MATH 22B	Differntl Equations	(3)	MATH 2	Ordinary 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.
- f) This articulation is "series for series" only.

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

COMUNCN 1	Intro Public Spkg	(4)		SPECH 1	Public Speaking	(3)
MATH 16A	Short Calculus	(3)		MATH 1A	Single Variable Calculus I - Early Transcendentals	(4)
				OR		
				MATH 9	Calculus for Business, Social and Life Science	(4)
MATH 16B	Short Calculus	(3)		MATH 1B	Single Variable Calculus II - Early Transcendentals	(4)
MATH 16C	Short Calculus	(3)		MATH 1B	Single Variable Calculus II - Early Transcendentals	(4)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)		BIOL 1	Principles of Biology	(5)
CHEM 2A	Genl Chemistry	(5)		CHEM 1A	General Chemistry	(5)

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

CHEM 8A	Organic Chem-Brief	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	AND			AND	
CHEM 8B	Organic Chem-Brief	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 18A	Organic Chemistry for Health and Life Sciences	(4)
	AND			AND	
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 18A &	Organic Chemistry for Health and Life Sciences	(4)
			CHEM 18B	Organic Chemistry for Health and Life Sciences	(4)
	OR			OR	
CHEM 128A	Organic Chemistry	(3)	CHEM 18A	Organic Chemistry for Health and Life Sciences	(4)
	AND			AND	
CHEM 128B	Organic Chemistry	(3)	CHEM 18A &	Organic Chemistry for Health and Life Sciences	(4)
			CHEM 18B	Organic Chemistry for Health and Life Sciences	(4)
	AND			AND	
CHEM 129A	Organic Chem Lab	(2)	CHEM 18A	Organic Chemistry for Health and Life Sciences	(4)

PHYSICS 7A	General Physics	(4)	PHYS 2A &	General Physics	(3)
			PHYS 3A &	General Physics Laboratory	(1)
			PHYS 2B &	General Physics	(3)
			PHYS 3B	General Physics Laboratory	(1)
PHYSICS 7B	General Physics	(4)	PHYS 2A &	General Physics	(3)
			PHYS 3A &	General Physics Laboratory	(1)
			PHYS 2B &	General Physics	(3)
			PHYS 3B	General Physics Laboratory	(1)
PHYSICS 7C	General Physics	(4)	PHYS 2A &	General Physics	(3)
			PHYS 3A &	General Physics Laboratory	(1)
			PHYS 2B &	General Physics	(3)
			PHYS 3B	General Physics Laboratory	(1)

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

FD S&T 50	Intro Food Preservation	(3)	NO COMPARABLE COURSE
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STATIST 13	Elementary Statistics	(4)	STAT 1	Introduction to	(4)
	Same as: STATIST 13Y			Statistical Methods	
NUTR 10	Discoveries and Concepts	(3)	FCS 10	Principles of Nutrition	(3)
				Same as: HLTH 10	

RECOMMENDED FOR STUDENTS INTENDING TO PURSUE GRADUATE OR PROFESSIONAL STUDIES:

CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 18B	Organic Chemistry for	(4)
				Health and Life	
				Sciences	
	OR			OR	
CHEM 128C	Organic Chemistry	(3)	CHEM 18B	Organic Chemistry for	(4)
				Health and Life	
				Sciences	
	AND			AND	
CHEM 129B	Organic Chem Lab	(2)	CHEM 18B	Organic Chemistry for	(4)
				Health and Life	
				Sciences	
	AND			AND	
CHEM 129C	Organic Chem Lab	(2)	NO COMPARABLE COURSE		

END OF MAJOR

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

Special Advising Note:

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

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

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
FRENCH 2	Elementary French	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
FRENCH 3	Elementary French	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
FRENCH 21	Intermed French	(5)	NO COMPARABLE COURSE
FRENCH 22	Intermed French	(5)	NO COMPARABLE COURSE
FRENCH 23	Intermed French	(5)	NO COMPARABLE COURSE

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

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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 COURSE ARTICULATED: College has not submitted course(s)for articulation
AF-AMST 17	Women in Africa	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AMR STD 21	Objects & Everyday Life	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AMR STD 30	Amr Images Pop Cult	(4)	NO COMPARABLE COURSE
ANTHRO 2	Cultural Anthropology	(5)	ANTHR 2 Cultural Anthropology (3)
ANTHRO 20	Comparative Cultures	(4)	NO COMPARABLE COURSE
ANTHRO 30	Sexualities	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
A A STD 1	Hist Exp Asian Am	(4)	HIST 14 Asian-American History (3)
A A STD 2	Contemp Issues of Asian Americans	(4)	NO COMPARABLE COURSE
CHICANO 10	Intro to Chic Std	(4)	ETHN 1 Introduction to Chicano (3) Studies
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 COURSE ARTICULATED: College has not submitted course(s) for articulation
ENGLISH 3	Intro to Lit	(4)	ENGL 1B Critical Thinking/Writing About Literature (3)
HISTORY 72A	Am Women & Gender	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
HISTORY 72B	Am Women & Gender	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
HISTORY 85	Nat,Man&Mach/Amer	(4)	NO COMPARABLE COURSE
N A STD 10	NA Experience	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
N A STD 32	NA Music & Dance	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

POL SCI 7	Law & Politics	(4)	NO COMPARABLE COURSE
PSYCH 1	General Psychology	(4)	PSYCH 1A General Psychology (3)
SCI&TEC 1	Intro Sci & Tech Std	(4)	NO COMPARABLE COURSE
SCI&TEC 2	Intro History of Science	(4)	
SCI&TEC 20	Sci & Tec Std Methods	(4)	NO COMPARABLE COURSE
SCI&TEC 32	Drugs, Science and Culture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
Same as: ANTHRO 32			
SOCIO 2	Self and Society	(4)	NO COMPARABLE COURSE
SOCIO 3	Social Problems	(4)	SOCIL 2 Social Problems (3)
SOCIO 11	Sociology of Labor and Employment	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
SOCIO 30A	Multicultural Societies	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
SOCIO 30B	Multicultural Societies	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
TEX&CL 7	Style & Cult Std	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
UWRITING 49	Writing Research Papers	(4)	NO COMPARABLE COURSE
Formerly UWRITING 19			
WOM STD 20	Cult Repr of Gndr	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

END OF MAJOR

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

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1	Principles of Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1 & BIOL 2 & BIOL 3	Principles of Biology General Zoology General Botany	(5) (4) (4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 2 & BIOL 3	General Zoology General Botany	(4) (4)
<hr/>					
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A & CHEM 1B	General Chemistry General Chemistry	(5) (5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
	OR			OR	
CHEM 2AH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
CHEM 2BH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
CHEM 2CH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		

CHEM 8A	Organic Chem-Brief	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
CHEM 8B	Organic Chem-Brief	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
OR			OR
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 18A Organic Chemistry for (4) Health and Life Sciences
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 18A <u>&</u> Organic Chemistry for (4) Health and Life Sciences
			CHEM 18B Organic Chemistry for (4) Health and Life Sciences
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 18B Organic Chemistry for (4) Health and Life Sciences

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 1A Single Variable (4) Calculus I - Early Transcendentals
MATH 21B	Calculus	(4)	MATH 1B Single Variable (4) Calculus II - Early Transcendentals

PHYSICS 7A	General Physics	(4)	PHYS 2A <u>&</u> General Physics (3)
			PHYS 3A <u>&</u> General Physics (1) Laboratory
			PHYS 2B <u>&</u> General Physics (3)
			PHYS 3B <u>&</u> General Physics (1) Laboratory
PHYSICS 7B	General Physics	(4)	PHYS 2A <u>&</u> General Physics (3)
			PHYS 3A <u>&</u> General Physics (1) Laboratory
			PHYS 2B <u>&</u> General Physics (3)
			PHYS 3B <u>&</u> General Physics (1) Laboratory
PHYSICS 7C	General Physics	(4)	PHYS 2A <u>&</u> General Physics (3)
			PHYS 3A <u>&</u> General Physics (1) Laboratory
			PHYS 2B <u>&</u> General Physics (3)
			PHYS 3B <u>&</u> General Physics (1) Laboratory

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

RECOMMENDED:

MATH 21C	Calculus	(4)	MATH 1C	Multivariable Calculus	(4)
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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.

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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.

GEOLOGY 3	History of Life	(3)	NO COMPARABLE COURSE	
GEOLOGY 3L	History of Life Lab	(1)	NO COMPARABLE COURSE	
g) GEOLOGY 50	Physical Geology	(3)	GEOL 10	Introduction to Geology (3)
h)				
			<u>OR</u>	
			GEOL 10L	Physical Geology (4)
h) GEOLOGY 50L	Physical Geol Lab	(2)	GEOL 10L	Physical Geology (4)
g)				
GEOLOGY 60	Earth Materials:Intro	(4)	NO COMPARABLE COURSE	

MATH 16A	Short Calculus	(3)	MATH 1A	Single Variable Calculus I - Early Transcendentals	(4)
			<u>OR</u>		
			MATH 9	Calculus for Business, Social and Life Science	(4)
MATH 16B	Short Calculus	(3)	MATH 1B	Single Variable Calculus II - Early Transcendentals	(4)
	<u>OR</u>		<u>OR</u>		
MATH 21A	Calculus	(4)	MATH 1A	Single Variable Calculus I - Early Transcendentals	(4)
MATH 21B	Calculus	(4)	MATH 1B	Single Variable Calculus II - Early Transcendentals	(4)
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CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry	(5)
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PHYSICS 7A	General Physics	(4)	PHYS 2A &	General Physics	(3)
			PHYS 3A &	General Physics Laboratory	(1)
			PHYS 2B &	General Physics	(3)
			PHYS 3B	General Physics Laboratory	(1)
PHYSICS 7B	General Physics	(4)	PHYS 2A &	General Physics	(3)
			PHYS 3A &	General Physics Laboratory	(1)
			PHYS 2B &	General Physics	(3)
			PHYS 3B	General Physics Laboratory	(1)
<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>					
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STATIST 13	Elementary Statistics	(4)	STAT 1	Introduction to Statistical Methods	(4)
Same as: STATIST 13Y					
	<u>OR</u>		<u>OR</u>		
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		
<hr/>					

END OF MAJOR

- g) If a student takes GEOL 10 or 10L at Yuba College, credit will be given for UC Davis's GEOLOGY 1 or 50, not both. UC Transfer Course Agreement states: GEOL 10 and 10L combined - maximum credit, one course (per catalog).
- h) These courses are not strictly comparable with UC Davis courses but will fulfill the introductory physical geology requirement for the geology major at UC Davis.

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

Special Advising Note:

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

and significantly reduces time to degree.

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

Transfer Admission Guarantee (TAG) Note:

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

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

GEOLOGY 3	History of Life	(3)	NO COMPARABLE COURSE	
GEOLOGY 3L	History of Life Lab	(1)	NO COMPARABLE COURSE	
g) GEOLOGY 50	Physical Geology	(3)	GEOL 10	Introduction to Geology (3)
h)			OR	
h) GEOLOGY 50L	Physical Geol Lab	(2)	GEOL 10L	Physical Geology (4)
g)			GEOL 10L	Physical Geology (4)
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 1A	Single Variable Calculus I - Early Transcendentals (4)
MATH 21B	Calculus	(4)	MATH 1B	Single Variable Calculus II - Early Transcendentals (4)
MATH 21C	Calculus	(4)	MATH 1C	Multivariable Calculus (4)
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CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry (5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry (5)
			CHEM 1B	General Chemistry (5)

SELECT ONE OF THE FOLLOWING THREE OPTIONS:

GENERAL GEOLOGY OPTION:

CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		
PHYSICS 7A	General Physics	(4)	PHYS 2A	& General Physics	(3)
			PHYS 3A	& General Physics Laboratory	(1)
			PHYS 2B	& General Physics	(3)
			PHYS 3B	& General Physics Laboratory	(1)
PHYSICS 7B	General Physics	(4)	PHYS 2A	& General Physics	(3)
			PHYS 3A	& General Physics Laboratory	(1)
			PHYS 2B	& General Physics	(3)
			PHYS 3B	& General Physics Laboratory	(1)
PHYSICS 7C	General Physics	(4)	PHYS 2A	& General Physics	(3)
			PHYS 3A	& General Physics Laboratory	(1)
			PHYS 2B	& General Physics	(3)
			PHYS 3B	& General Physics Laboratory	(1)

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		
f) PHYSICS 9A	Classical Physics	(5)	PHYS 4A	& Mechanics	(4)
			PHYS 4B	& Electromagnetism	(4)
			PHYS 4C	& Thermodynamics, Light and Modern Physics	(4)
f) PHYSICS 9B	Classical Physics	(5)	PHYS 4A	& Mechanics	(4)
			PHYS 4B	& Electromagnetism	(4)
			PHYS 4C	& Thermodynamics, Light and Modern Physics	(4)
f) PHYSICS 9C	Classical Physics	(5)	PHYS 4A	& Mechanics	(4)
			PHYS 4B	& Electromagnetism	(4)
			PHYS 4C	& Thermodynamics, Light and Modern Physics	(4)

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

GEOCHEMISTRY/PETROLOGY OPTION:

CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		
MATH 21D	Vector Analysis	(4)	MATH 1C	Multivariable Calculus	(4)
f) PHYSICS 9A	Classical Physics	(5)	PHYS 4A	& Mechanics	(4)
			PHYS 4B	& Electromagnetism	(4)
			PHYS 4C	& Thermodynamics, Light and Modern Physics	(4)
f) PHYSICS 9B	Classical Physics	(5)	PHYS 4A	& Mechanics	(4)
			PHYS 4B	& Electromagnetism	(4)
			PHYS 4C	& Thermodynamics, Light and Modern Physics	(4)

QUANTITATIVE/GEOPHYSICS OPTION:

MATH 21D	Vector Analysis	(4)	MATH 1C	Multivariable Calculus	(4)
MATH 22A	Linear Algebra	(3)	MATH 3	Linear Algebra	(3)
f) PHYSICS 9A	Classical Physics	(5)	PHYS 4A &	Mechanics	(4)
			PHYS 4B &	Electromagnetism	(4)
			PHYS 4C	Thermodynamics, Light and Modern Physics	(4)
f) PHYSICS 9B	Classical Physics	(5)	PHYS 4A &	Mechanics	(4)
			PHYS 4B &	Electromagnetism	(4)
			PHYS 4C	Thermodynamics, Light and Modern Physics	(4)
f) PHYSICS 9C	Classical Physics	(5)	PHYS 4A &	Mechanics	(4)
			PHYS 4B &	Electromagnetism	(4)
			PHYS 4C	Thermodynamics, Light and Modern Physics	(4)

END OF MAJOR

- g) If a student takes GEOL 10 or 10L at Yuba College, credit will be given for UC Davis's GEOLOGY 1 or 50, not both. UC Transfer Course Agreement states: GEOL 10 and 10L combined - maximum credit, one course (per catalog).
- h) These courses are not strictly comparable with UC Davis courses but will fulfill the introductory physical geology requirement for the geology major at UC Davis.
- f) This articulation is "series for series" only.

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

Special Advising Note:

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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:

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

GERMAN 1	Elementary German	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
GERMAN 2	Elementary German	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
GERMAN 3	Elementary German	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
GERMAN 20	Intermediate German	(4)	NO COMPARABLE COURSE
GERMAN 21	Intermediate German	(4)	NO COMPARABLE COURSE
GERMAN 22	Intermediate German	(4)	NO COMPARABLE COURSE

END OF MAJOR

====Global Disease Biology B.S.====

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

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

GDISBIO 90	Intro Global Disease Bio	(1)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
SCI&SOC 13	Disease and Society	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 1	Principles of Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1 &	Principles of Biology	(5)
			BIOL 2 &	General Zoology	(4)
			BIOL 3	General Botany	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 2 &	General Zoology	(4)
			BIOL 3	General Botany	(4)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)

CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
			CHEM 1B	General Chemistry	(5)
CHEM 8A	Organic Chem-Brief	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 8B	Organic Chem-Brief	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 18A	Organic Chemistry for Health and Life Sciences	(4)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 18A &	Organic Chemistry for Health and Life Sciences	(4)
			CHEM 18B	Organic Chemistry for Health and Life Sciences	(4)
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
PHYSICS 7A	General Physics	(4)	PHYS 2A &	General Physics	(3)
			PHYS 3A &	General Physics Laboratory	(1)
			PHYS 2B &	General Physics	(3)
			PHYS 3B	General Physics Laboratory	(1)
PHYSICS 7B	General Physics	(4)	PHYS 2A &	General Physics	(3)
			PHYS 3A &	General Physics Laboratory	(1)
			PHYS 2B &	General Physics	(3)
			PHYS 3B	General Physics Laboratory	(1)

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)	STAT 1	Introduction to Statistical Methods	(4)
	Same as: STATIST 13Y				

END OF MAJOR

====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.

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

A.AFRICA

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

B. ASIA

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

C. EUROPE

HISTORY 4A	Western Civ	(4)		NO COMPARABLE COURSE	
HISTORY 4B	Western Civ	(4)		HIST 4A & Western Civilization	(3)
				HIST 4B Western Civilization	(3)
HISTORY 4C	Western Civ	(4)		HIST 4B Western Civilization	(3)

D. LATIN AMERICA

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

E. MIDDLE EAST

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

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

G. WORLD

HISTORY 1	Introduction to History	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
HISTORY 2	Intro History of Science	(4)	NO COURSE ARTICULATED
HISTORY 3	Cities: Survey of World Cultures	(4)	NO COMPARABLE COURSE
HISTORY 10A	World History to 1350	(4)	HIST 5A World Civilizations (3)
HISTORY 10B	World History 1350-1850	(4)	HIST 5B World Civilizations (3)
HISTORY 10C	World History III	(4)	HIST 5B World Civilizations (3)
HISTORY 11	Hist Jewish People	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
HISTORY 12	Food and History	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
HISTORY 13	Global Sexualities	(4)	NO COURSE ARTICULATED
HISTORY 14	Hist Global Capitalism	(4)	NO COURSE ARTICULATED
HISTORY 20	The Vietnam War	(4)	NO COURSE ARTICULATED
HISTORY 90	Research in History	(4)	NO COURSE ARTICULATED

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

Select two of the following courses:

ANTHRO 1	Human Evol Biol	(4)	ANTHR 1	Introduction to	(3)
				Physical Anthropology	
ANTHRO 2	Cultural Anthropology	(5)	ANTHR 2	Cultural Anthropology	(3)
ANTHRO 15	Human Life Cycle	(5)	NO COMPARABLE COURSE		

Select one course from:

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1	Principles of Biology	(5)
	OR			OR	
BIOLSCI 10	Everyday Biology	(4)	BIOL 10L	General Biology	(4)
	OR			OR	
			BIOL 15	Bioscience	(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		
MOL&CB 10	Intro Human Heredity	(4)	NO COMPARABLE COURSE		

Select one course from:

HISTORY 17A	U.S. History	(4)	HIST 17A	United States History	(3)
	OR			OR	
HISTORY 17B	U.S. History	(4)	HIST 17B	United States History	(3)
	OR			OR	
HISTORY 72A	Am Women & Gender	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
	OR			OR	
HISTORY 72B	Am Women & Gender	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
	OR			OR	
POL SCI 1	Amer Natl Govt	(4)	POLSC 1	Introduction to American Government	(3)

Select two of the following courses:

PHILOS 5	Critical Reasoning	(4)	PHIL 12	Critical Thinking	(3)
PHILOS 15	Intro to Bioethics	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
PHILOS 30	Intro Philos of Sci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
PHILOS 31	Scientific Reason	(4)	NO COMPARABLE COURSE		
PHILOS 32	Scientific Change	(4)	NO COMPARABLE COURSE		
PHILOS 38	Intro Philos of Biol	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
NE PH B 10	Elem Human Physio	(3)	BIOL 5	Human Physiology	(4)
PSYCH 1	General Psychology	(4)	PSYCH 1A	General Psychology	(3)

Select one of the following options:

PSYCH 41	Research Methods	(4)	PSYCH 7	Research Methods in Psychology	(3)
	OR			OR	
SOCIOL 46A	Intro Social Rsch	(4)	SOCIL 8	Social Science Research Methods	(3)

	AND			AND	
SOCIOL 46B	Intro Social Rsch	(5)		NO COMPARABLE COURSE	
	OR			OR	
STATIST 10	Statist Thinking	(4)		NO COMPARABLE COURSE	
	OR			OR	
STATIST 13	Elementary Statistics	(4)		STAT 1	Introduction to (4)
Same as: STATIST 13Y				Statistical Methods	

END OF MAJOR

===Hydrology B.S.===

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

Advanced Placement (AP) English examination PLUS completing any previously listed course, EXCEPT English 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

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

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

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

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

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

BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 1	Principles of Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1 & BIOL 2 & BIOL 3	Principles of Biology General Zoology General Botany	(5) (4) (4)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A & CHEM 1B	General Chemistry General Chemistry	(5) (5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
f) PHYSICS 9A	Classical Physics	(5)	PHYS 4A & PHYS 4B & PHYS 4C	Mechanics Electromagnetism Thermodynamics, Light and Modern Physics	(4) (4) (4)
f) PHYSICS 9B	Classical Physics	(5)	PHYS 4A & PHYS 4B & PHYS 4C	Mechanics Electromagnetism Thermodynamics, Light and Modern Physics	(4) (4) (4)
f) PHYSICS 9C	Classical Physics	(5)	PHYS 4A & PHYS 4B & PHYS 4C	Mechanics Electromagnetism Thermodynamics, Light and Modern Physics	(4) (4) (4)
MATH 21A	Calculus	(4)	MATH 1A	Single Variable Calculus I - Early Transcendentals	(4)
MATH 21B	Calculus	(4)	MATH 1B	Single Variable Calculus II - Early Transcendentals	(4)
MATH 21C	Calculus	(4)	MATH 1C	Multivariable Calculus	(4)
MATH 21D	Vector Analysis	(4)	MATH 1C	Multivariable Calculus	(4)
MATH 22A	Linear Algebra	(3)	MATH 3	Linear Algebra	(3)
MATH 22B	Differntl Equations	(3)	MATH 2	Ordinary Differential	(3)

				Equations		
-----				-----		
g) GEOLOGY 50	Physical Geology	(3)	GEOL 10	Introduction to Geology	(3)	
h)			<u>OR</u>			
h) GEOLOGY 50L	Physical Geol Lab	(2)	GEOL 10L	Physical Geology	(4)	
g)			GEOL 10L	Physical Geology	(4)	
-----				-----		
ENGIN 6	Engr Prob Solving	(4)	NO COMPARABLE COURSE			
END OF MAJOR						

- f) This articulation is "series for series" only.
- g) If a student takes GEOL 10 or 10L at Yuba College, credit will be given for UC Davis's GEOLOGY 1 or 50, not both. UC Transfer Course Agreement states: GEOL 10 and 10L combined - maximum credit, one course (per catalog).
- h) These courses are not strictly comparable with UC Davis courses but will fulfill the introductory physical geology requirement for the geology major at UC Davis.

====International Agricultural Development B.S.====
Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

English Composition Requirement for the Bachelor's Degree:

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

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

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

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

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

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

INT AG 10	Intro Intl Ag Development	(4)	NO COMPARABLE COURSE	
PL SCI 2	Bot Physio Cul Plt	(4)	PLSCI 20	Principles of Plant Science (3)
			OR	
			PLSCI 20L	Principles of Plant Science (4)
SOILSCI 10	Soils in Our Environment	(3)	PLSCI 22	Introduction to Soils (3)
			OR	
			PLSCI 22L	Introduction to Soils (4)
ECON 1A	Princ of Microecon	(4)	ECON 1B	Elementary Economics - Micro (3)
	AND		AND	
ECON 1B	Princ of Macroecon	(4)	ECON 1A	Elementary Economics - Macro (3)
STATIST 13	Elementary Statistics	(4)	STAT 1	Introduction to Statistical Methods (4)
	Same as: STATIST 13Y			
	OR		OR	

SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE
MATH 16A	Short Calculus	(3)	MATH 1A Single Variable Calculus I - Early Transcendentals (4)
			OR
			MATH 9 Calculus for Business, Social and Life Science (4)

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)	FCS 10 Principles of Nutrition (3) Same as: HLTH 10
PL SCI 1	Agr Nature & Society	(3)	NO COMPARABLE COURSE
PL SCI 15	Intro Sustainable Agriculture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PL SCI 49	Org Crop Prod Prac	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

FOREIGN LANGUAGE REQUIREMENT:

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

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

AREAS OF SPECIALIZATION:

AGRICULTURAL PRODUCTION OPTION:

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1 Principles of Biology (5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1 & Principles of Biology (5)
			BIOL 2 & General Zoology (4)
			BIOL 3 General Botany (4)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A General Chemistry (5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A & General Chemistry (5)
			CHEM 1B General Chemistry (5)

TRADE AND ECONOMIC DEVELOPMENT OPTION:

MATH 16B	Short Calculus	(3)	MATH 1B Single Variable Calculus II - Early Transcendentals (4)
SOCIOL 1	Intro Sociology	(5)	SOCIL 1 Introduction to Sociology (3)
			OR
ANTHRO 2	Cultural Anthropology	(5)	ANTHR 2 Cultural Anthropology (3)
AGRESEC 15	Pop,Envr,World Agri	(4)	NO COMPARABLE COURSE

ENVIRONMENTAL ISSUES OPTION:

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1 Principles of Biology (5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1 & Principles of Biology (5)
			BIOL 2 & General Zoology (4)
			BIOL 3 General Botany (4)
ENV S&P 1	Env Analysis	(4)	NO COURSE ARTICULATED: College has not

|submitted course(s) for articulation

RURAL COMMUNITIES OPTION:

SOCIOL 1	Intro Sociology	(5)		SOCIL 1	Introduction to Sociology	(3)
ANTHRO 2	Cultural Anthropology	(5)		ANTHR 2	Cultural Anthropology	(3)

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

ANTHRO 2	Cultural Anthropology	(5)		ANTHR 2	Cultural Anthropology	(3)
	OR				OR	
ECON 1A	Princ of Microecon	(4)		ECON 1B	Elementary Economics -	(3)

				Micro	
ECON 1B	Princ of Macroecon	(4)	ECON 1A	Elementary Economics - Macro	(3)
HISTORY 4C	Western Civ	(4)	HIST 4B	Western Civilization	(3)
OR			OR		
HISTORY 10C	World History III	(4)	HIST 5B	World Civilizations	(3)
POL SCI 2	Intro Comp Politics	(4)	NO COMPARABLE COURSE		
POL SCI 3	Internatl Relations	(4)	POLSC 7	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)	STAT 1	Introduction to Statistical Methods	(4)
Same as: STATIST 13Y					
OR			OR		
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE		
POL SCI 51	Scientific Study of Politics	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

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

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

ARABIC 1	Elementary Arabic	(5)	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)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
FRENCH 2	Elementary French	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
FRENCH 3	Elementary French	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
FRENCH 21	Intermed French	(5)	NO COMPARABLE COURSE
FRENCH 22	Intermed French	(5)	NO COMPARABLE COURSE
OR			OR
GERMAN 1	Elementary German	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
GERMAN 2	Elementary German	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
GERMAN 3	Elementary German	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
GERMAN 20	Intermediate German	(4)	NO COMPARABLE COURSE
GERMAN 21	Intermediate German	(4)	NO COMPARABLE COURSE
OR			OR
HEBREW 1	Elem Hebrew	(5)	NO COMPARABLE COURSE
HEBREW 2	Elem Hebrew	(5)	NO COMPARABLE COURSE
HEBREW 3	Elem Hebrew	(5)	NO COMPARABLE COURSE
HEBREW 21	Intermed Modern Hebrew I	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HEBREW 22	Intermed Modern Hebrew II	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HEBREW 23	Intermed Modern Hebrew III	(4)	NO COURSE ARTICULATED
OR			OR
HIN-URD 1	Elem Hindi/Urdu I	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HIN-URD 2	Elem Hindi/Urdu II	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HIN-URD 3	Elem Hindi/Urdu III	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HIN-URD 21	Intermed Hindi/Urdu I	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HIN-URD 22	Intermed Hindi/Urdu II	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HIN-URD 23	Intermed Hindi/Urdu III	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
OR			OR
ITALIAN 1	Elementary Italian	(5)	NO COMPARABLE COURSE
ITALIAN 2	Elementary Italian	(5)	NO COMPARABLE COURSE
ITALIAN 3	Elementary Italian	(5)	NO COMPARABLE COURSE
ITALIAN 4	Interm Italian	(4)	NO COMPARABLE COURSE
ITALIAN 5	Interm Italian	(4)	NO COMPARABLE COURSE
OR			OR
ITALIAN 1	Elementary Italian	(5)	NO COMPARABLE COURSE
ITALIAN 2	Elementary Italian	(5)	NO COMPARABLE COURSE
ITALIAN 3	Elementary Italian	(5)	NO COMPARABLE COURSE
ITALIAN 8A	Italian Convers	(3)	NO COMPARABLE COURSE
ITALIAN 8B	Italian Convers	(3)	NO COMPARABLE COURSE
OR			OR
y) JPNESE 1	Elem Japanese	(5)	NO COMPARABLE COURSE
y) JPNESE 2	Elem Japanese	(5)	NO COMPARABLE COURSE
y) JPNESE 3	Elem Japanese	(5)	NO COMPARABLE COURSE
y) JPNESE 4	Inter Japanese	(5)	NO COMPARABLE COURSE
y) JPNESE 5	Inter Japanese	(5)	NO COMPARABLE COURSE
y) JPNESE 6	Inter Japanese	(5)	NO COMPARABLE COURSE
OR			OR
PORTUG 1	Elementary Portuguese	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PORTUG 2	Elementary Portuguese	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

PORTUG 3	Elementary Portuguese	(5)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PORTUG 21	Intermediate Portuguese	(5)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PORTUG 22	Intermediate Portuguese	(5)	submitted course(s) for articulation 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 1	Elementary Spanish, Part 1	(4)
e) SPANISH 2	Elementary Spanish	(5)	SPAN 1 &	Elementary Spanish, Part 1	(4)
			SPAN 2	Elementary Spanish, Part 2	(4)
e) SPANISH 3	Elementary Spanish	(5)	SPAN 2	Elementary Spanish, Part 2	(4)
e) SPANISH 21	Intm Spanish	(5)	SPAN 3	Intermediate Spanish, Part 1	(4)
SPANISH 22	Intm Spanish	(5)	SPAN 4	Intermediate Spanish, Part 2	(4)
OR			OR		
e) SPANISH 31	Int Span Nat Spk I	(5)	SPAN 20A	Spanish for Heritage Students	(4)
e) SPANISH 32	Int Span Nat Spk II	(5)	SPAN 20A &	Spanish for Heritage Students	(4)
			SPAN 20B	Spanish for Heritage Students	(4)
e) SPANISH 33	Int Span Nat Spk III	(5)	SPAN 20B	Spanish for Heritage Students	(4)

Advising Note: Transfer students are strongly encouraged to review the structure of the major and be cognizant of any changes made to the curriculum of the program and/or specific tracks within the major. Certain upper-division courses require completion of prerequisite courses. In addition, the international relations major offers several options for completing upper-division coursework for the major. There are upper-division economics courses in some of the options that require calculus as a prerequisite. Consult the [UC Davis General Catalog](#), available online, or consult an advisor to learn if the option you will choose contains economics courses with a calculus prerequisite.

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.**

e) UC Transfer Course Agreement states: SPAN 2 and 20A combined - maximum credit, one course. SPAN 3 and 20B combined - maximum credit, one course.

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

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

RECOMMENDED: Study abroad in Italy for a period of one year, one semester,

or one quarter, and/or the study of Latin or another Romance language.

END OF MAJOR

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

Special Advising Note:

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

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

Japanese Placement Examination Note:

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

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

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

RECOMMENDED COURSES FOR THIS MAJOR:

JPNESE 10	Masterworks in English	(4)	NO COMPARABLE COURSE
JPNESE 25	Language & Culture (in English)	(4)	NO COMPARABLE COURSE
CHINESE 10	Modern Lit (in Engl)	(4)	NO COMPARABLE COURSE
CHINESE 11	Gt Bks China (Engl)	(4)	NO COMPARABLE COURSE
CHINESE 50	Intro to Literature	(4)	NO COMPARABLE COURSE
Same as: JPNESE 50			
LINGUIS 1	Intro Linguistics	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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)		SPECH 1	Public Speaking	(3)
ENGLISH 3	Intro to Lit	(4)		ENGL 1B	Critical Thinking/Writing About Literature	(3)
	OR				OR	
UWRITING 1	Expository Writing	(4)		ENGL 1A	College Composition and Reading	(4)
	OR				OR	
UWRITING 48	Style in the Essay	(4)		ENGL 1C	Critical Thinking/Advanced Composition	(3)
	Formerly UWRITING 18					
	OR				OR	
UWRITING 49	Writing Research Papers	(4)		NO COMPARABLE COURSE		
	Formerly UWRITING 19					
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL 1 &	Principles of Biology	(5)
				BIOL 2 &	General Zoology	(4)
				BIOL 3	General Botany	(4)
ENVHORT 6	Intro Environ Plants	(4)		NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	

ONE COURSE FROM THE FOLLOWING:

MATH 16A	Short Calculus	(3)		MATH 1A	Single Variable Calculus I - Early Transcendentals	(4)
				OR		
				MATH 9	Calculus for Business, Social and Life Science	(4)
STATIST 13	Elementary Statistics	(4)		STAT 1	Introduction to Statistical Methods	(4)
	Same as: STATIST 13Y					
ENG CS 32A	Intro to Programming	(4)		COMSC 10L	Computer Literacy	(3)
	Formerly ENG CS 10					

ONE COURSE FROM THE FOLLOWING:

CHEM 2A	Genl Chemistry	(5)		CHEM 1A	General Chemistry	(5)
CHEM 10	Concept of Chem	(4)		CHEM 10	Concepts of Chemistry	(3)
PHYSICS 1A	Principles Physics	(3)		NO COMPARABLE COURSE		
PHYSICS 10	Topics, Nonscientists	(4)		NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
g) GEOLOGY 1	The Earth	(4)		GEOL 10	Introduction to Geology	(3)
				OR		
				GEOL 10L	Physical Geology	(4)
SOILSCI 10	Soils in Our Environment	(3)		PLSCI 22	Introduction to Soils	(3)
				OR		
				PLSCI 22L	Introduction to Soils	(4)

LND ARC 1	Intro Environ Design	(4)		NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
LND ARC 2	Place, Culture, Community	(4)		NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
LND ARC 3	Sustainable Development	(4)		NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
LND ARC 21	Landscape Rep I	(4)		NO COMPARABLE COURSE		
	Formerly Design Visualization					
LND ARC 23	Landscape Rep II	(3)		NO COURSE ARTICULATED		
LND ARC 30	History Environ Design	(4)		NO COURSE ARTICULATED:	College has not	

LND ARC 50	Site Ecology	(4)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
LND ARC 60	Landform Grading Studio	(6)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
LND ARC 70	Intro to Spacemaking	(4)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation

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

g) If a student takes GEOL 10 or 10L at Yuba College, credit will be given for UC Davis's GEOLOGY 1 or 50, not both. UC Transfer Course Agreement states: GEOL 10 and 10L combined - maximum credit, one course (per catalog).

====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 COURSE ARTICULATED: College has not submitted course(s) for articulation
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FOREIGN LANGUAGE: One course beyond the 15 quarter unit requirement of the College of Letters and Science, in the same language used to fulfill the college requirement

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)	SPECH 1	Public Speaking	(3)
	OR			OR	
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	SPECH 7	Interpersonal Communication	(3)
AGRESEC 18	Business Law	(4)	NO COMPARABLE COURSE		
ECON 1A	Princ of Microecon	(4)	ECON 1B	Elementary Economics - Micro	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 1A	Elementary Economics - Macro	(3)
PL SCI 21	Computers in Technology	(3)	NO COMPARABLE COURSE		
	OR			OR	
B) ENG CS 15	Intro to Computers	(4)	COMSC 6	BASIC Language 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.

MGMT 11A	Elem Accounting	(4)	NO COURSE	ARTICULATED	
MGMT 11B	Elem Accounting	(4)	ACCT 2L	Principles of Accounting - Managerial	(5)
MATH 16A	Short Calculus	(3)	MATH 1A	Single Variable Calculus I - Early Transcendentals	(4)
			OR		
			MATH 9	Calculus for Business, Social and Life Science	(4)
MATH 16B	Short Calculus	(3)	MATH 1B	Single Variable Calculus II - Early Transcendentals	(4)
MATH 16C	Short Calculus	(3)	MATH 1B	Single Variable Calculus II - Early Transcendentals	(4)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
	OR			OR	
MATH 21A	Calculus	(4)	MATH 1A	Single Variable Calculus I - Early Transcendentals	(4)
MATH 21B	Calculus	(4)	MATH 1B	Single Variable Calculus II - Early Transcendentals	(4)
STATIST 13	Elementary Statistics	(4)	STAT 1	Introduction to Statistical Methods	(4)
	Same as: STATIST 13Y				

END OF MAJOR

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

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

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

BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 1	Principles of Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1 & BIOL 2 & BIOL 3	Principles of Biology General Zoology General Botany	(5) (4) (4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 2 & BIOL 3	General Zoology General Botany	(4) (4)
<hr/>					
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A & CHEM 1B	General Chemistry General Chemistry	(5) (5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
<hr/>					
MATH 16A	Short Calculus	(3)	MATH 1A	Single Variable Calculus I - Early Transcendentals	(4)
			OR		
			MATH 9	Calculus for Business, Social and Life Science	(4)
MATH 16B	Short Calculus	(3)	MATH 1B	Single Variable Calculus II - Early Transcendentals	(4)
MATH 16C	Short Calculus	(3)	MATH 1B	Single Variable Calculus II - Early Transcendentals	(4)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not		

MATH 17B	Calculus for Biosci	(4)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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 1A Single Variable Calculus I - Early Transcendentals (4)
MATH 21B	Calculus	(4)	MATH 1B Single Variable Calculus II - Early Transcendentals (4)
MATH 21C	Calculus	(4)	MATH 1C Multivariable Calculus (4)

PHYSICS 7A	General Physics	(4)	PHYS 2A & General Physics (3)
			PHYS 3A & General Physics (1)
			Laboratory
			PHYS 2B & General Physics (3)
PHYSICS 7B	General Physics	(4)	PHYS 3B General Physics (1)
			Laboratory
			PHYS 2A & General Physics (3)
			PHYS 3A & General Physics (1)
PHYSICS 7C	General Physics	(4)	Laboratory
			PHYS 2B & General Physics (3)
			PHYS 3B General Physics (1)
			Laboratory

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
f) PHYSICS 9A	Classical Physics	(5)	PHYS 4A & Mechanics (4)
			PHYS 4B & Electromagnetism (4)
			PHYS 4C Thermodynamics, Light and Modern Physics (4)
f) PHYSICS 9B	Classical Physics	(5)	PHYS 4A & Mechanics (4)
			PHYS 4B & Electromagnetism (4)
			PHYS 4C Thermodynamics, Light and Modern Physics (4)
f) PHYSICS 9C	Classical Physics	(5)	PHYS 4A & Mechanics (4)
			PHYS 4B & Electromagnetism (4)
			PHYS 4C Thermodynamics, Light 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

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

**====Marine and Coastal Science B.S. (Marine Ecology and Organismal Biology)====
Special Advising Note:**

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

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

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

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

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

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

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

Students must identify an area of focus in order to select the appropriate major/college pairing on the UC application for undergraduate admission and scholarships. A student's chosen focus area will determine the college into

which the student is admitted, the college where the degree is awarded, and the associated department:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1	Principles of Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1 & BIOL 2 & BIOL 3	Principles of Biology General Zoology General Botany	(5) (4) (4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 2 & BIOL 3	General Zoology General Botany	(4) (4)
<hr/>					
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A & CHEM 1B	General Chemistry General Chemistry	(5) (5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
AND			AND		
CHEM 8A	Organic Chem-Brief	(2)	NO COURSE	ARTICULATED: College has not submitted course(s)for articulation	
CHEM 8B	Organic Chem-Brief	(4)	NO COURSE	ARTICULATED: College has not submitted course(s)for articulation	
<hr/>					
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 1A	Single Variable Calculus I - Early Transcendentals (4)
MATH 21B	Calculus	(4)	MATH 1B	Single Variable Calculus II - Early Transcendentals (4)

PHYSICS 7A	General Physics	(4)	PHYS 2A & PHYS 3A	General Physics Laboratory (3) (1)
			PHYS 2B & PHYS 3B	General Physics Laboratory (3) (1)
PHYSICS 7B	General Physics	(4)	PHYS 2A & PHYS 3A	General Physics Laboratory (3) (1)
			PHYS 2B & PHYS 3B	General Physics Laboratory (3) (1)
PHYSICS 7C	General Physics	(4)	PHYS 2A & PHYS 3A	General Physics Laboratory (3) (1)
			PHYS 2B & PHYS 3B	General Physics Laboratory (3) (1)

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	
f) PHYSICS 9A	Classical Physics	(5)	PHYS 4A & PHYS 4B & PHYS 4C	Mechanics Electromagnetism Thermodynamics, Light and Modern Physics (4) (4) (4)
f) PHYSICS 9B	Classical Physics	(5)	PHYS 4A & PHYS 4B & PHYS 4C	Mechanics Electromagnetism Thermodynamics, Light and Modern Physics (4) (4) (4)
f) PHYSICS 9C	Classical Physics	(5)	PHYS 4A & PHYS 4B & PHYS 4C	Mechanics Electromagnetism Thermodynamics, Light and Modern Physics (4) (4) (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

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

====Marine and Coastal Science B.S. (Marine Environmental Chemistry)=====

Special Advising Note:

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

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

BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 1	Principles of Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1 &	Principles of Biology	(5)
			BIOL 2 &	General Zoology	(4)
			BIOL 3	General Botany	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 2 &	General Zoology	(4)
			BIOL 3	General Botany	(4)
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CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
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MATH 16A	Short Calculus	(3)	MATH 1A	Single Variable Calculus I - Early Transcendentals	(4)
			OR		
			MATH 9	Calculus for Business, Social and Life Science	(4)
MATH 16B	Short Calculus	(3)	MATH 1B	Single Variable Calculus II - Early Transcendentals	(4)
MATH 16C	Short Calculus	(3)	MATH 1B	Single Variable Calculus II - Early Transcendentals	(4)
	OR		OR		
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
OR			OR
MATH 21A	Calculus	(4)	MATH 1A Single Variable Calculus I - Early Transcendentals (4)
MATH 21B	Calculus	(4)	MATH 1B Single Variable Calculus II - Early Transcendentals (4)
MATH 21C	Calculus	(4)	MATH 1C Multivariable Calculus (4)
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PHYSICS 7A	General Physics	(4)	PHYS 2A & General Physics (3)
			PHYS 3A & General Physics (1)
			Laboratory
			PHYS 2B & General Physics (3)
			PHYS 3B General Physics (1)
			Laboratory
PHYSICS 7B	General Physics	(4)	PHYS 2A & General Physics (3)
			PHYS 3A & General Physics (1)
			Laboratory
			PHYS 2B & General Physics (3)
			PHYS 3B General Physics (1)
			Laboratory
PHYSICS 7C	General Physics	(4)	PHYS 2A & General Physics (3)
			PHYS 3A & General Physics (1)
			Laboratory
			PHYS 2B & General Physics (3)
			PHYS 3B General Physics (1)
			Laboratory

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
f) PHYSICS 9A	Classical Physics	(5)	PHYS 4A & Mechanics (4)
			PHYS 4B & Electromagnetism (4)
			PHYS 4C Thermodynamics, Light and Modern Physics (4)
f) PHYSICS 9B	Classical Physics	(5)	PHYS 4A & Mechanics (4)
			PHYS 4B & Electromagnetism (4)
			PHYS 4C Thermodynamics, Light and Modern Physics (4)
f) PHYSICS 9C	Classical Physics	(5)	PHYS 4A & Mechanics (4)
			PHYS 4B & Electromagnetism (4)
			PHYS 4C Thermodynamics, Light 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

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

===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 2B	Earth Intro Biology: Ecology & Evolution	(5)	BIOL 1	<u>&</u>	Principles of Biology	(5)
			BIOL 2	<u>&</u>	General Zoology	(4)
			BIOL 3		General Botany	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 2	<u>&</u>	General Zoology	(4)
			BIOL 3		General Botany	(4)
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CHEM 2A	Genl Chemistry	(5)	CHEM 1A		General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A	<u>&</u>	General Chemistry	(5)
			CHEM 1B		General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B		General Chemistry	(5)
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MATH 16A	Short Calculus	(3)	MATH 1A		Single Variable Calculus I - Early Transcendentals	(4)
				<u>OR</u>		
			MATH 9		Calculus for Business, Social and Life Science	(4)
MATH 16B	Short Calculus	(3)	MATH 1B		Single Variable Calculus II - Early Transcendentals	(4)
MATH 16C	Short Calculus	(3)	MATH 1B		Single Variable Calculus II - Early Transcendentals	(4)
	<u>OR</u>			<u>OR</u>		
MATH 17A	Calculus for BioSci	(4)	NO COURSE	ARTICULATED:	College has not submitted course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)	NO COURSE	ARTICULATED:	College has not submitted course(s) for articulation	
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 1A		Single Variable Calculus I - Early Transcendentals	(4)
MATH 21B	Calculus	(4)	MATH 1B		Single Variable Calculus II - Early Transcendentals	(4)
MATH 21C	Calculus	(4)	MATH 1C		Multivariable Calculus	(4)
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PHYSICS 7A	General Physics	(4)	PHYS 2A	<u>&</u>	General Physics	(3)
			PHYS 3A	<u>&</u>	General Physics Laboratory	(1)
			PHYS 2B	<u>&</u>	General Physics	(3)
			PHYS 3B		General Physics Laboratory	(1)
PHYSICS 7B	General Physics	(4)	PHYS 2A	<u>&</u>	General Physics	(3)
			PHYS 3A	<u>&</u>	General Physics Laboratory	(1)
			PHYS 2B	<u>&</u>	General Physics	(3)
			PHYS 3B		General Physics Laboratory	(1)
PHYSICS 7C	General Physics	(4)	PHYS 2A	<u>&</u>	General Physics	(3)
			PHYS 3A	<u>&</u>	General Physics Laboratory	(1)
			PHYS 2B	<u>&</u>	General Physics	(3)
			PHYS 3B		General Physics Laboratory	(1)

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		
f) PHYSICS 9A	Classical Physics	(5)	PHYS 4A &	Mechanics	(4)
			PHYS 4B &	Electromagnetism	(4)
			PHYS 4C	Thermodynamics, Light and Modern Physics	(4)
f) PHYSICS 9B	Classical Physics	(5)	PHYS 4A &	Mechanics	(4)
			PHYS 4B &	Electromagnetism	(4)
			PHYS 4C	Thermodynamics, Light and Modern Physics	(4)
f) PHYSICS 9C	Classical Physics	(5)	PHYS 4A &	Mechanics	(4)
			PHYS 4B &	Electromagnetism	(4)
			PHYS 4C	Thermodynamics, Light 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
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GEOLOGY 16	The Oceans	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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END OF MAJOR

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

====Materials Science & Engineering B.S.====

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

Special Advising Note:

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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 1A	Single Variable Calculus I - Early Transcendentals	(4)
MATH 21B	Calculus	(4)	MATH 1B	Single Variable Calculus II - Early Transcendentals	(4)
MATH 21C	Calculus	(4)	MATH 1C	Multivariable Calculus	(4)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

MATH 21D	Vector Analysis	(4)	MATH 1C	Multivariable Calculus	(4)
MATH 22B	Differntl Equations	(3)	MATH 2	Ordinary Differential Equations	(3)
MATH 22AL	Lin Alg Comp Lab	(1)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

or equivalent basic knowledge of MATLAB.

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

BOTH OF THE FOLLOWING COURSES:

MATH 22A	Linear Algebra	(3)	MATH 3	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)	COMSC 10L	Computer Literacy	(3)
	Formerly ENG CS 10				

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

====Mathematical Analytics and Operations Research B.S.====

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

Recommended Language Preparation Note:

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

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

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

MATH 21A	Calculus	(4)	MATH 1A	Single Variable Calculus I - Early Transcendentals	(4)
MATH 21B	Calculus	(4)	MATH 1B	Single Variable Calculus II - Early Transcendentals	(4)
MATH 21C	Calculus	(4)	MATH 1C	Multivariable Calculus	(4)
MATH 21D	Vector Analysis	(4)	MATH 1C	Multivariable Calculus	(4)
MATH 22B	Differntl Equations	(3)	MATH 2	Ordinary Differential Equations	(3)
MATH 22AL	Lin Alg Comp Lab	(1)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
or equivalent basic knowledge of MATLAB.					

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

BOTH OF THE FOLLOWING COURSES:

MATH 22A	Linear Algebra	(3)	MATH 3	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)	COMSC 10L	Computer Literacy	(3)
Formerly ENG CS 10					

OR**OR**

ENGIN 6	Engr Prob Solving	(4)	NO COMPARABLE COURSE		
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ECON 1A	Princ of Microecon	(4)	ECON 1B	Elementary Economics - Micro	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 1A	Elementary Economics - Macro	(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 1A	Single Variable Calculus I - Early Transcendentals	(4)
MATH 21B	Calculus	(4)	MATH 1B	Single Variable Calculus II - Early Transcendentals	(4)
MATH 21C	Calculus	(4)	MATH 1C	Multivariable Calculus	(4)
MATH 21D	Vector Analysis	(4)	MATH 1C	Multivariable Calculus	(4)
MATH 22B	Differntl Equations	(3)	MATH 2	Ordinary Differential Equations	(3)
MATH 22AL	Lin Alg Comp Lab	(1)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

or equivalent basic knowledge of MATLAB.

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

BOTH OF THE FOLLOWING COURSES:

MATH 22A	Linear Algebra	(3)	MATH 3	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)	COMSC 10L	Computer Literacy	(3)
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.

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

END OF MAJOR

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

Special Advising Note:

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

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

Special Advising Note for future applicants:*

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

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

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

- Mathematics 21A/B/C/D
- Mathematics 22A or Mathematics 67
- Mathematics 22B

*Information for future applicants is subject to change

Transfer Admission Guarantee (TAG) Note:

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

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

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

Recommended Language Preparation Note:

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

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

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

MATH 21A	Calculus	(4)	MATH 1A	Single Variable	(4)
				Calculus I - Early	

MATH 21B	Calculus	(4)	MATH 1B	Transcendentals Single Variable Calculus II - Early Transcendentals	(4)
MATH 21C	Calculus	(4)	MATH 1C	Multivariable Calculus	(4)
MATH 21D	Vector Analysis	(4)	MATH 1C	Multivariable Calculus	(4)
MATH 22B	Differntl Equations	(3)	MATH 2	Ordinary Differential Equations	(3)
MATH 22AL	Lin Alg Comp Lab	(1)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

or equivalent basic knowledge of MATLAB.

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

BOTH OF THE FOLLOWING COURSES:

MATH 22A	Linear Algebra	(3)	MATH 3	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)	COMSC 10L	Computer Literacy	(3)
	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

f) PHYSICS 9A	Classical Physics	(5)	PHYS 4A	<u>&</u> Mechanics	(4)
			PHYS 4B	<u>&</u> Electromagnetism	(4)
			PHYS 4C	Thermodynamics, Light and Modern Physics	(4)

PLAN 2: MATHEMATICS FOR SECONDARY TEACHING

PHYSICS 7A	General Physics	(4)	PHYS 2A	<u>&</u> General Physics	(3)
			PHYS 3A	<u>&</u> General Physics Laboratory	(1)
			PHYS 2B	<u>&</u> General Physics	(3)
			PHYS 3B	General Physics Laboratory	(1)
	OR			OR	
f) PHYSICS 9A	Classical Physics	(5)	PHYS 4A	<u>&</u> Mechanics	(4)
			PHYS 4B	<u>&</u> Electromagnetism	(4)
			PHYS 4C	Thermodynamics, Light and Modern Physics	(4)
	OR			OR	
STATIST 13	Elementary Statistics	(4)	STAT 1	Introduction to Statistical Methods	(4)
	Same as: STATIST 13Y				
	OR			OR	
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		

END OF MAJOR

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

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

Special Advising Note:

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

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

END OF MAJOR

====Medieval and Early Modern Studies A.B.====

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

College Foreign Language Requirement Note:

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

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

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

MEDV-ST 20A	Medieval Culture	(5)	NO COMPARABLE COURSE
MEDV-ST 20B	Medieval Culture	(5)	NO COMPARABLE COURSE

THREE COURSES FROM THE FOLLOWING:

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

Language proficiency is a desideratum; courses in Latin and other European languages are strongly recommended, particularly for students planning to pursue graduate studies in the medieval or early modern field.

END OF MAJOR

===Microbiology A.B.===

Special Advising Note:

The following majors in the College of the Biological Sciences--biochemistry and

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

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

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

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

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

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

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

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

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

Biological Sciences 2A/B/C; Mathematics 17A/B/C or 21A/B; and Chemistry 2A/B/C. See the B.S. degree in this major for additional course articulation information.

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)		BIOL 1	Principles of Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL 1 <u>&</u>	Principles of Biology	(5)
				BIOL 2 <u>&</u>	General Zoology	(4)
				BIOL 3	General Botany	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOL 2 <u>&</u>	General Zoology	(4)
				BIOL 3	General Botany	(4)
<hr/>						
CHEM 2A	Genl Chemistry	(5)		CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 1A <u>&</u>	General Chemistry	(5)
				CHEM 1B	General Chemistry	(5)
<hr/>						
CHEM 8A	Organic Chem-Brief	(2)		NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
CHEM 8B	Organic Chem-Brief	(4)		NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
				OR		
CHEM 118A	Org Chem, Hlth & Sci	(4)		CHEM 18A	Organic Chemistry for Health and Life Sciences	(4)
CHEM 118B	Org Chem, Hlth & Sci	(4)		CHEM 18A <u>&</u>	Organic Chemistry for Health and Life	(4)

				Sciences	
			CHEM 18B	Organic Chemistry for Health and Life Sciences	(4)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 18B	Organic Chemistry for Health and Life Sciences	(4)
<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			OR	
MATH 21A	Calculus	(4)	MATH 1A	Single Variable Calculus I - Early Transcendentals	(4)
MATH 21B	Calculus	(4)	MATH 1B	Single Variable Calculus II - Early Transcendentals	(4)
<hr/>					
PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE		
	OR			OR	
PHYSICS 7A	General Physics	(4)	PHYS 2A & PHYS 3A	General Physics Laboratory	(3) (1)
			PHYS 2B & PHYS 3B	General Physics Laboratory	(3) (1)
PHYSICS 7B	General Physics	(4)	PHYS 2A & PHYS 3A	General Physics Laboratory	(3) (1)
			PHYS 2B & PHYS 3B	General Physics Laboratory	(3) (1)
PHYSICS 7C	General Physics	(4)	PHYS 2A & PHYS 3A	General Physics Laboratory	(3) (1)
			PHYS 2B & PHYS 3B	General Physics Laboratory	(3) (1)

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

END OF MAJOR

===Microbiology B.S.===

Special Advising Note:

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

Transfer students are strongly advised to complete as many preparatory courses

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

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

Chemistry 2A/B/C

Biological Sciences 2A/B/C

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

Organic Chemistry series cited on ASSIST for your major*

Physics 7A/B/C or the physics series cited on ASSIST

for your intended College of Biological Sciences major (especially useful for Neurobiology, Physiology and Behavior majors).

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 1	Principles of Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1 & BIOL 2 & BIOL 3	Principles of Biology General Zoology General Botany	(5) (4) (4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 2 & BIOL 3	General Zoology General Botany	(4) (4)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A & CHEM 1B	General Chemistry General Chemistry	(5) (5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
CHEM 8A	Organic Chem-Brief	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 8B	Organic Chem-Brief	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 18A	Organic Chemistry for Health and Life Sciences	(4)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 18A & CHEM 18B	Organic Chemistry for Health and Life Sciences Organic Chemistry for Health and Life Sciences	(4) (4)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 18B	Organic Chemistry for Health and Life Sciences	(4)
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 1A	Single Variable Calculus I - Early Transcendentals	(4)
MATH 21B	Calculus	(4)	MATH 1B	Single Variable Calculus II - Early Transcendentals	(4)
PHYSICS 7A	General Physics	(4)	PHYS 2A & PHYS 3A & PHYS 2B & PHYS 3B	General Physics General Physics Laboratory General Physics General Physics Laboratory	(3) (1) (3) (1)
PHYSICS 7B	General Physics	(4)	PHYS 2A & PHYS 3A	General Physics General Physics Laboratory	(3) (1)

			PHYS 2B &	General Physics	(3)
			PHYS 3B	General Physics	(1)
				Laboratory	
PHYSICS 7C	General Physics	(4)	PHYS 2A &	General Physics	(3)
			PHYS 3A &	General Physics	(1)
				Laboratory	
			PHYS 2B &	General Physics	(3)
			PHYS 3B	General Physics	(1)
				Laboratory	

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

MIC BIO 91 Intro Research (1) | NO COURSE ARTICULATED

RECOMMENDED:

MATH 21C Calculus (4) | MATH 1C Multivariable Calculus (4)

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

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

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

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

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)	MUSIC 8A	Music History	(3)
MUSIC 24B	Intro Music History	(3)	MUSIC 8A	Music History	(3)
MUSIC 24C	Intro Music History	(3)	MUSIC 8A	Music History	(3)

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

N A STD 1	Intro NA Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
N A STD 10	NA Experience	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	OR		OR
N A STD 12	Native Amer/Indigenous Film	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation

ONE OR TWO COURSES FROM:

N A STD 5	Intro NA Literature	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
N A STD 12	Native Amer/Indigenous Film	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
N A STD 32	NA Music & Dance	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
N A STD 33	Intro NA Art	(4)	NO COURSE ARTICULATED: College has not

N A STD 34	NA Art Workshop	(4)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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ONE OR TWO COURSES FROM:

AF-AMST 12	Intro Afro Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AF-AMST 52	Afr Tradit Relig	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ANTHRO 2	Cultural Anthropology	(5)	ANTHR 2 Cultural Anthropology (3)
ANTHRO 20	Comparative Cultures	(4)	NO COMPARABLE COURSE
ANTHRO 24	Ancient Crops and People	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
A A STD 1	Hist Exp Asian Am	(4)	HIST 14 Asian-American History (3)
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)	ETHN 1 Introduction to Chicano (3) Studies
CHICANO 21	Hlth Care Issues	(4)	NO COMPARABLE COURSE
CHICANO 23	Qualitative Research Methods	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
COMPLIT 25	Ethnic Writers	(4)	NO COMPARABLE COURSE
CM&RGDE 2	Ethnicity Amer Comm	(4)	NO COMPARABLE COURSE
ENV S&P 10	Current Issues in Environment	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ENV S&P 10 not open for credit to students who have completed ENV S&P 1			
HISTORY 7A	Latin America to 1700	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HISTORY 7B	Latin America 1700-1900	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HISTORY 7C	Latin America 1900-Present	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HISTORY 17A	U.S. History	(4)	HIST 17A United States History (3)
LINGUIS 1	Intro Linguistics	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation

END OF MAJOR

===Natural Sciences B.S.===

IMPORTANT ADVISORY FOR FALL 2018 APPLICANTS:

The Natural Sciences major is discontinued for new applicants effective the 2018-19 application cycle.

END OF MAJOR

===Neurobiology, Physiology and Behavior B.S.===

Special Advising Note:

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

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

reduces time to degree.

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

Chemistry 2A/B/C

Biological Sciences 2A/B/C

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

Organic Chemistry series cited on ASSIST for your major*

Physics 7A/B/C or the physics series cited on ASSIST

for your intended College of Biological Sciences major (especially useful for Neurobiology, Physiology and Behavior majors).

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 1	Principles of Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1 &	Principles of Biology	(5)
			BIOL 2 &	General Zoology	(4)
			BIOL 3	General Botany	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 2 &	General Zoology	(4)
			BIOL 3	General Botany	(4)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
CHEM 8A	Organic Chem-Brief	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 8B	Organic Chem-Brief	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 18A	Organic Chemistry for Health and Life Sciences	(4)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 18A &	Organic Chemistry for Health and Life Sciences	(4)
			CHEM 18B	Organic Chemistry for Health and Life Sciences	(4)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 18B	Organic Chemistry for Health and Life Sciences	(4)
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 1A	Single Variable Calculus I - Early Transcendentals	(4)
MATH 21B	Calculus	(4)	MATH 1B	Single Variable Calculus II - Early Transcendentals	(4)
PHYSICS 7A	General Physics	(4)	PHYS 2A &	General Physics	(3)
			PHYS 3A &	General Physics Laboratory	(1)
			PHYS 2B &	General Physics	(3)
			PHYS 3B	General Physics Laboratory	(1)
PHYSICS 7B	General Physics	(4)	PHYS 2A &	General Physics	(3)
			PHYS 3A &	General Physics Laboratory	(1)
			PHYS 2B &	General Physics	(3)
			PHYS 3B	General Physics	(1)

PHYSICS 7C	General Physics	(4)	PHYS 2A	&	Laboratory	
					General Physics	(3)
			PHYS 3A	&	General Physics	(1)
					Laboratory	
			PHYS 2B	&	General Physics	(3)
			PHYS 3B		General Physics	(1)
					Laboratory	

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

END OF MAJOR

====Nutrition Science B.S.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is highly recommended that students complete a series in general chemistry and a series in organic chemistry before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](http://ucdavis.edu/transfer). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College of Agricultural and Environmental Sciences (A&ES) General Education (GE) English Composition Requirement for the Bachelor's Degree:

The College of A&ES English Composition requirement for the Bachelor's degree is an element of the UC Davis General Education (GE) pattern. This GE requirement may be satisfied by completing either two courses emphasizing written expression OR one course emphasizing written expression and one course emphasizing oral expression, with a grade of C- (or P) or better. The following UC Davis

lower-division courses are among those that have been approved to satisfy this requirement: English 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (emphasis in either writing or speaking skills). The English Composition requirement may also be met by achieving a score of 4 or 5 on the Advanced Placement (AP) English examination PLUS completing any previously listed course, EXCEPT English 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC transfer students who have successfully completed the IGETC lower-division coursework are exempt from all GE requirements that may be met with lower-division courses. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer admission. See the [UC Transfer Admission website](#). The courses used for the A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

----- **Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:**

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 1	Principles of Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1 <u>&</u>	Principles of Biology	(5)
			BIOL 2 <u>&</u>	General Zoology	(4)
			BIOL 3	General Botany	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 2 <u>&</u>	General Zoology	(4)
			BIOL 3	General Botany	(4)

CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A <u>&</u>	General Chemistry	(5)
			CHEM 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)

CHEM 8A	Organic Chem-Brief	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 8B	Organic Chem-Brief	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 18A	Organic Chemistry for Health and Life Sciences	(4)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 18A <u>&</u>	Organic Chemistry for Health and Life Sciences	(4)
			CHEM 18B	Organic Chemistry for Health and Life Sciences	(4)
	OR			OR	

CHEM 128A	Organic Chemistry	(3)	CHEM 18A	Organic Chemistry for Health and Life Sciences	(4)
CHEM 128B	Organic Chemistry	(3)	CHEM 18A &	Organic Chemistry for Health and Life Sciences	(4)
			CHEM 18B	Organic Chemistry for Health and Life Sciences	(4)
CHEM 129A	Organic Chem Lab	(2)	CHEM 18A	Organic Chemistry for Health and Life Sciences	(4)

NUTR 10	Discoveries and Concepts	(3)	FCS 10	Principles of Nutrition	(3)
				Same as: HLTH 10	

PSYCH 41	Research Methods	(4)	PSYCH 7	Research Methods in Psychology	(3)
	OR			OR	
SOCIOL 46A	Intro Social Rsch	(4)	SOCIL 8	Social Science Research Methods	(3)

The remaining preparatory subject matter is based on which major option you choose:

NUTRITIONAL BIOLOGY OPTION:

ANTHRO 2	Cultural Anthropology	(5)	ANTHR 2	Cultural Anthropology	(3)
	OR			OR	
PSYCH 1	General Psychology	(4)	PSYCH 1A	General Psychology	(3)
	OR			OR	
SOCIOL 1	Intro Sociology	(5)	SOCIL 1	Introduction to Sociology	(3)
	OR			OR	
SOCIOL 3	Social Problems	(4)	SOCIL 2	Social Problems	(3)
MATH 16A	Short Calculus	(3)	MATH 1A	Single Variable Calculus I - Early Transcendentals	(4)
			OR		
			MATH 9	Calculus for Business, Social and Life Science	(4)
MATH 16B	Short Calculus	(3)	MATH 1B	Single Variable Calculus II - Early Transcendentals	(4)

PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE	
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE	

NUTRITION IN PUBLIC HEALTH OPTION:

ANTHRO 2	Cultural Anthropology	(5)	ANTHR 2	Cultural Anthropology	(3)
	OR			OR	
SOCIOL 1	Intro Sociology	(5)	SOCIL 1	Introduction to Sociology	(3)
	OR			OR	
SOCIOL 3	Social Problems	(4)	SOCIL 2	Social Problems	(3)
ECON 1A	Princ of Microecon	(4)	ECON 1B	Elementary Economics - Micro	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 1A	Elementary Economics - Macro	(3)
PSYCH 1	General Psychology	(4)	PSYCH 1A	General Psychology	(3)

LOWER-DIVISION ELECTIVES BY AREA FOR THE NUTRITION IN PUBLIC HEALTH OPTION:**Agricultural and Health Policy Area:**

AGRESEC 15	Pop,Envr,World Agri	(4)	NO COMPARABLE COURSE
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Cultural Diversity and Community Change Area:

AMR STD 55	Food in Amer Culture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
Same as: FD S&T 55			
CM&RGDE 2	Ethnicity Amer Comm	(4)	NO COMPARABLE COURSE
INT AG 10	Intro Intl Ag Development	(4)	NO COMPARABLE COURSE

Natural and Applied Sciences Area:

CM&RGDE 20	Food Systems	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
PHILOS 15	Intro to Bioethics	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
SCI&SOC 2	Feeding the Planet	(3)	NO COMPARABLE COURSE

END OF MAJOR

====Pharmaceutical Chemistry B.S.====**Special Advising Note:**

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is highly recommended that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. See the [UC Transfer Admission website](#) for details. UC Davis requires that students complete the minimum transfer admission requirement by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Special Advising Note for future applicants:*

Beginning fall 2020, the major pharmaceutical chemistry will become selective and will require preparatory coursework for admission. Any required courses that are offered at your current campus will need to be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses will not be offered at your college, you must complete them after enrolling at UC Davis.

Transfer students must earn an overall GPA of 2.80 or higher to be competitive candidates for admission to this major (3.20 or higher for TAG applicants).

Strive to achieve your highest possible GPA in order to be most competitive. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 3.00 for the selective major course group. It is recommended that candidates have a cumulative GPA of at least 3.00 for the group of courses below that have been completed at the time of application and through the transfer academic update filing period. Whether planning for the general application or TAG process, courses must be taken for a letter grade, with no grade less than C. (Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC course equivalents).

- Chemistry 2A/B/C or Chemistry 2AH/BH/CH
- Chemistry 118 A/B/C or Chemistry 128A/B/C, 129A/B/C
- Mathematics 21A/B/C/D

-Mathematics 16A/B/C or Mathematics 17A/B/C or Mathematics 21A/B/C

We strongly recommend that you complete courses comparable to the following UC Davis courses with C or better grades before matriculating to UC Davis. Completion of these courses will help you move more efficiently toward graduation:

-Physics 7A/B/C or Physics 9A/B/C
-Biological Sciences 2A
-Biological Sciences 2B or 2C
-Statistics 13 or 32

*Information for future applicants is subject to change

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
	OR			OR	
CHEM 2AH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
CHEM 2BH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
CHEM 2CH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
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PHYSICS 7A	General Physics	(4)	PHYS 2A &	General Physics	(3)
			PHYS 3A &	General Physics	(1)
				Laboratory	
			PHYS 2B &	General Physics	(3)
			PHYS 3B	General Physics	(1)
				Laboratory	
PHYSICS 7B	General Physics	(4)	PHYS 2A &	General Physics	(3)
			PHYS 3A &	General Physics	(1)
				Laboratory	
			PHYS 2B &	General Physics	(3)
			PHYS 3B	General Physics	(1)
				Laboratory	
PHYSICS 7C	General Physics	(4)	PHYS 2A &	General Physics	(3)

PHYS 3A	<u>&</u>	General Physics Laboratory	(1)
PHYS 2B	<u>&</u>	General Physics	(3)
PHYS 3B		General Physics Laboratory	(1)

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			
f) PHYSICS 9A	Classical Physics	(5)	PHYS 4A	<u>&</u>	Mechanics	(4)	
			PHYS 4B	<u>&</u>	Electromagnetism	(4)	
			PHYS 4C		Thermodynamics, Light and Modern Physics	(4)	
f) PHYSICS 9B	Classical Physics	(5)	PHYS 4A	<u>&</u>	Mechanics	(4)	
			PHYS 4B	<u>&</u>	Electromagnetism	(4)	
			PHYS 4C		Thermodynamics, Light and Modern Physics	(4)	
f) PHYSICS 9C	Classical Physics	(5)	PHYS 4A	<u>&</u>	Mechanics	(4)	
			PHYS 4B	<u>&</u>	Electromagnetism	(4)	
			PHYS 4C		Thermodynamics, Light and Modern Physics	(4)	

MATH 16A	Short Calculus	(3)	MATH 1A	Single Variable Calculus I - Early Transcendentals	(4)
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				OR	
			MATH 9	Calculus for Business, Social and Life Science	(4)
MATH 16B	Short Calculus	(3)	MATH 1B	Single Variable Calculus II - Early Transcendentals	(4)
MATH 16C	Short Calculus	(3)	MATH 1B	Single Variable Calculus II - Early Transcendentals	(4)

OR				OR	
MATH 17A	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
MATH 17C	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	

OR				OR	
MATH 21A	Calculus	(4)	MATH 1A	Single Variable Calculus I - Early Transcendentals	(4)
MATH 21B	Calculus	(4)	MATH 1B	Single Variable Calculus II - Early Transcendentals	(4)
MATH 21C	Calculus	(4)	MATH 1C	Multivariable Calculus	(4)

BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 1	Principles of Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1	<u>&</u> Principles of Biology	(5)
			BIOL 2	<u>&</u> General Zoology	(4)
			BIOL 3	General Botany	(4)
OR				OR	
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 2	<u>&</u> General Zoology	(4)
			BIOL 3	General Botany	(4)

STATIST 13	Elementary Statistics	(4)	STAT 1	Introduction to	(4)
Same as: STATIST 13Y				Statistical Methods	
	OR			OR	
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		
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CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 18A	Organic Chemistry for	(4)
				Health and Life	
				Sciences	
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 18A &	Organic Chemistry for	(4)
				Health and Life	
				Sciences	
			CHEM 18B	Organic Chemistry for	(4)
				Health and Life	
				Sciences	
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 18B	Organic Chemistry for	(4)
				Health and Life	
				Sciences	
	OR			OR	
CHEM 128A	Organic Chemistry	(3)	CHEM 18A	Organic Chemistry for	(4)
				Health and Life	
				Sciences	
CHEM 128B	Organic Chemistry	(3)	CHEM 18A &	Organic Chemistry for	(4)
				Health and Life	
				Sciences	
			CHEM 18B	Organic Chemistry for	(4)
				Health and Life	
				Sciences	
CHEM 128C	Organic Chemistry	(3)	CHEM 18B	Organic Chemistry for	(4)
				Health and Life	
				Sciences	
CHEM 129A	Organic Chem Lab	(2)	CHEM 18A	Organic Chemistry for	(4)
				Health and Life	
				Sciences	
CHEM 129B	Organic Chem Lab	(2)	CHEM 18B	Organic Chemistry for	(4)
				Health and Life	
				Sciences	
CHEM 129C	Organic Chem Lab	(2)	NO COMPARABLE COURSE		

END OF MAJOR

f) This articulation is "series for series" only.

====Philosophy A.B.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit

<http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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)|NO COMPARABLE COURSE

AND ONE COURSE FROM ANY THREE OF THE FOLLOWING AREAS

a. GENERAL PHILOSOPHY

PHILOS 1	Intro to Philos	(4)	PHIL 1	Introduction to Philosophy	(3)
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b. ANCIENT PHILOSOPHY

PHILOS 21 Phil Classics: Ancient (4)|NO COMPARABLE COURSE

c. EARLY MODERN PHILOSOPHY

PHILOS 22 Phil Classics: Modern (4)|NO COMPARABLE COURSE

d. PHILOSOPHY OF MIND

PHILOS 13G	Minds, Brains Comp w/Disc	(4)	NO COURSE ARTICULATED:College has not submitted course(s)for articulation
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e. ETHICS:

PHILOS 14 Eth Soc Prob in Soc (4)|NO COMPARABLE COURSE

PHILOS 15	Intro to Bioethics	(4)	OR	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PHILOS 24	Intro to Ethics	(4)	OR	PHIL 2 Ethics (3)

f. PHILOSOPHY OF SCIENCE

PHILOS 30	Intro Philos of Sci	(4)	OR	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PHILOS 31	Scientific Reason	(4)	OR	NO COMPARABLE COURSE
PHILOS 32	Scientific Change	(4)	OR	NO COMPARABLE COURSE
PHILOS 38	Intro Philos of Biol	(4)	OR	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

g. PHILOSOPHY OF LANGUAGE

PHILOS 17	Language, Thought & World	(4)	OR	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)	OR	NO COMPARABLE COURSE
PHILOS 15	Intro to Bioethics	(4)	OR	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PHILOS 16	Phil Foundations of Amer Democ	(4)	OR	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

ALL OF THE FOLLOWING COURSES:

PHILOS 5	Critical Reasoning	(4)	PHIL 12	Critical Thinking	(3)
PHILOS 12	Intro to Symbol Logic	(4)	OR	NO COMPARABLE COURSE	
PHILOS 24	Intro to Ethics	(4)	PHIL 2	Ethics	(3)

PRE-MED EMPHASIS:

ONE COURSE FROM THE FOLLOWING:

PHILOS 24	Intro to Ethics	(4)	PHIL 2	Ethics	(3)
PHILOS 30	Intro Philos of Sci	(4)	OR	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
PHILOS 31	Scientific Reason	(4)	OR	NO COMPARABLE COURSE	
PHILOS 32	Scientific Change	(4)	OR	NO COMPARABLE COURSE	

ALL OF THE FOLLOWING COURSES:

PHILOS 12	Intro to Symbol Logic	(4)	OR	NO COMPARABLE COURSE	
PHILOS 15	Intro to Bioethics	(4)	OR	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
PHILOS 38	Intro Philos of Biol	(4)	OR	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	

END OF MAJOR

====Physics A.B.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details

see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Special Advising Note for future applicants:*

Beginning fall 2020, the major physics will become selective and will require preparatory coursework for admission. Any required courses that are offered at your current campus will need to be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses will not be offered at your college, you must complete them after enrolling at UC Davis.

Transfer students must earn an overall GPA of 2.80 or higher to be competitive candidates for admission to this major (3.20 or higher for TAG applicants).

Strive to achieve your highest possible GPA in order to be most competitive. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 3.00 for the selective major course group. It is recommended that candidates have a cumulative GPA of at least 3.00 for the group of courses below that have been completed at the time of application and through the transfer academic update filing period. Whether planning for the general application or TAG process, courses must be taken for a letter grade, with no grade less than C. (Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC course equivalents).

- Physics 9A/B/C/D or Physics 9HA/HB/HC/HD/HE
- Mathematics 21A/B/C/D
- Mathematics 22A/B

*Information for future applicants is subject to change

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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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f) PHYSICS 9A	Classical Physics	(5)	PHYS 4A &	Mechanics	(4)
			PHYS 4B &	Electromagnetism	(4)
			PHYS 4C	Thermodynamics, Light and Modern Physics	(4)
f) PHYSICS 9B	Classical Physics	(5)	PHYS 4A &	Mechanics	(4)
			PHYS 4B &	Electromagnetism	(4)
			PHYS 4C	Thermodynamics, Light and Modern Physics	(4)
f) PHYSICS 9C	Classical Physics	(5)	PHYS 4A &	Mechanics	(4)
			PHYS 4B &	Electromagnetism	(4)
			PHYS 4C	Thermodynamics, Light 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 1A	Single Variable Calculus I - Early Transcendentals	(4)
MATH 21B	Calculus	(4)	MATH 1B	Single Variable Calculus II - Early Transcendentals	(4)
MATH 21C	Calculus	(4)	MATH 1C	Multivariable Calculus	(4)
MATH 21D	Vector Analysis	(4)	MATH 1C	Multivariable Calculus	(4)
MATH 22A	Linear Algebra	(3)	MATH 3	Linear Algebra	(3)
MATH 22B	Differential Equations	(3)	MATH 2	Ordinary Differential Equations	(3)
PHYSICS 80	Experimental Techniques	(4)	NO COURSE ARTICULATED		

END OF MAJOR

f) **This articulation is "series for series" only.**

====Physics B.S.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is highly recommended that students complete a calculus-based physics series, a calculus series through linear algebra and differential equations, and a formal course in C programming before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree. As a result, students who expect to graduate in two years will need the recommended courses upon entry.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements

in English and mathematics by the end of fall term prior to enrollment.

Special Advising Note for future applicants:*

Beginning fall 2020, the major physics will become selective and will require preparatory coursework for admission. Any required courses that are offered at your current campus will need to be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses will not be offered at your college, you must complete them after enrolling at UC Davis.

Transfer students must earn an overall GPA of 2.80 or higher to be competitive candidates for admission to this major (3.20 or higher for TAG applicants).

Strive to achieve your highest possible GPA in order to be most competitive. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 3.00 for the selective major course group. It is recommended that candidates have a cumulative GPA of at least 3.00 for the group of courses below that have been completed at the time of application and through the transfer academic update filing period. Whether planning for the general application or TAG process, courses must be taken for a letter grade, with no grade less than C. (Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC course equivalents).

-Physics 9A/B/C/D or Physics 9HA/HB/HC/HD/HE

-Mathematics 21A/B/C/D

-Mathematics 22A/B

*Information for future applicants is subject to change

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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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f) PHYSICS 9A	Classical Physics	(5)	PHYS 4A &	Mechanics	(4)
			PHYS 4B &	Electromagnetism	(4)
			PHYS 4C	Thermodynamics, Light and Modern Physics	(4)
f) PHYSICS 9B	Classical Physics	(5)	PHYS 4A &	Mechanics	(4)
			PHYS 4B &	Electromagnetism	(4)

			PHYS 4C	Thermodynamics, Light and Modern Physics	(4)
f) PHYSICS 9C	Classical Physics	(5)	PHYS 4A &	Mechanics	(4)
			PHYS 4B &	Electromagnetism	(4)
			PHYS 4C	Thermodynamics, Light 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 1A	Single Variable Calculus I - Early Transcendentals	(4)
MATH 21B	Calculus	(4)	MATH 1B	Single Variable Calculus II - Early Transcendentals	(4)
MATH 21C	Calculus	(4)	MATH 1C	Multivariable Calculus	(4)
MATH 21D	Vector Analysis	(4)	MATH 1C	Multivariable Calculus	(4)
MATH 22A	Linear Algebra	(3)	MATH 3	Linear Algebra	(3)
MATH 22B	Differntl Equations	(3)	MATH 2	Ordinary 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 & Astrophysics	(4)	NO COMPARABLE COURSE
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END OF MAJOR

f) This articulation is "series for series" only.

====Plant Biology A.B.====

Special Advising Note:

The following majors in the College of the Biological Sciences--biochemistry and molecular biology; biological sciences; cell biology; evolution, ecology, and biodiversity; genetics and genomics; marine and coastal science (marine ecology & organismal biology); microbiology; neurobiology, physiology, and behavior; and plant biology--are selective and require preparatory coursework for admission. Any required courses that are offered at your current campus must be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses are not offered at your college, you must complete them after enrolling at UC Davis.

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.50 for each of the three course groups. It is recommended that candidates have already achieved the minimum required GPAs for the courses in the groups below that have been completed by the time of application and maintain them through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

Mathematics 17A/B/C or 21A/B

Chemistry 2A/B/C

Biological Sciences 2A/B/C

It is also strongly recommended that transfer students complete courses comparable to the following UC Davis courses. Completion of these courses will help you move more efficiently toward graduation. Courses should be taken for a letter grade, with no grade less than C:

Organic Chemistry series cited on ASSIST for your major*

Physics 7A/B/C or the physics series cited on ASSIST

for your intended College of Biological Sciences major (especially useful for Neurobiology, Physiology and Behavior majors).

* Students planning for the major biochemistry and molecular biology should complete Organic Chemistry 118A/B/C rather than 8A/B. Students planning for the major marine and coastal science (marine ecology & organismal biology) should complete Organic Chemistry 8A/B; however, students may substitute Chemistry 118A/B/C.

Transfer students must also meet UC transfer admission requirements. UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. See the [UC Transfer Admission webpage](#). In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Special Note for Transfer Students Considering an A.B. Degree in this Major:

Applicants to majors in the College of Biological Sciences apply to the major, without reference to A.B. or B.S. degrees, which are chosen after enrollment at UC Davis. All majors currently offered in the College of Biological Sciences are selective for purposes of admission; therefore, in order to be considered for admission in this selective major, transfer students who plan to pursue the A.B. degree **MUST** also complete Chemistry 2C and additional courses in math. At a minimum, for admission students **MUST** complete courses comparable to UC Davis's Biological Sciences 2A/B/C; Mathematics 17A/B/C or 21A/B; and Chemistry 2A/B/C. See the B.S. degree in this major for additional course articulation information.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1	Principles of Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1 & BIOL 2 & BIOL 3	Principles of Biology General Zoology General Botany	(5) (4) (4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 2 & BIOL 3	General Zoology General Botany	(4) (4)
<hr/>					
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A & CHEM 1B	General Chemistry General Chemistry	(5) (5)
CHEM 8A	Organic Chem-Brief	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
CHEM 8B	Organic Chem-Brief	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
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STATIST 13	Elementary Statistics	(4)	STAT 1	Introduction to Statistical Methods	(4)
Same as: STATIST 13Y					

RECOMMENDED COURSES:

CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(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.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education (GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE.

IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 1	Principles of Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1 <u>&</u>	Principles of Biology	(5)
			BIOL 2 <u>&</u>	General Zoology	(4)
			BIOL 3	General Botany	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 2 <u>&</u>	General Zoology	(4)
			BIOL 3	General Botany	(4)
<hr/>					
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A <u>&</u>	General Chemistry	(5)
			CHEM 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
<hr/>					
CHEM 8A	Organic Chem-Brief	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 8B	Organic Chem-Brief	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 18A	Organic Chemistry for Health and Life Sciences	(4)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 18A <u>&</u>	Organic Chemistry for Health and Life Sciences	(4)
			CHEM 18B	Organic Chemistry for Health and Life Sciences	(4)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 18B	Organic Chemistry for Health and Life Sciences	(4)
<hr/>					
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 1A	Single Variable Calculus I - Early Transcendentals	(4)
MATH 21B	Calculus	(4)	MATH 1B	Single Variable Calculus II - Early Transcendentals	(4)

PHYSICS 7A	General Physics	(4)	PHYS 2A	&	General Physics	(3)
			PHYS 3A	&	General Physics	(1)
					Laboratory	
			PHYS 2B	&	General Physics	(3)
PHYSICS 7B	General Physics	(4)	PHYS 3B	&	General Physics	(1)
					Laboratory	
			PHYS 2A	&	General Physics	(3)
			PHYS 3A	&	General Physics	(1)
PHYSICS 7C	General Physics	(4)			Laboratory	
			PHYS 2B	&	General Physics	(3)
			PHYS 3B	&	General Physics	(1)
					Laboratory	

It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

RECOMMENDED COURSES:

BIOLSCI 20Q	Modeling in Biology	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation			
MATH 21C	Calculus	(4)	MATH 1C	Multivariable Calculus	(4)	

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](http://ucdavis.edu/transfer) for details. UC Davis requires that students complete the minimum transfer admission requirement by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for

students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College of Agricultural and Environmental Sciences (A&ES) General Education (GE) English Composition Requirement for the Bachelor's Degree:

The College of A&ES English Composition requirement for the Bachelor's degree is an element of the UC Davis General Education (GE) pattern. This GE requirement may be satisfied by completing either two courses emphasizing written expression OR one course emphasizing written expression and one course emphasizing oral expression, with a grade of C- (or P) or better. The following UC Davis lower-division courses are among those that have been approved to satisfy this requirement: English 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (emphasis in either writing or speaking skills). The English Composition requirement may also be met by achieving a score of 4 or 5 on the Advanced Placement (AP) English examination PLUS completing any previously listed course, EXCEPT English 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC transfer students who have successfully completed the IGETC lower-division coursework are exempt from all GE requirements that may be met with lower-division courses. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer admission. See the [UC Transfer Admission website](#). The courses used for the A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 1	Principles of Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1 & BIOL 2 & BIOL 3	Principles of Biology General Zoology General Botany	(5) (4) (4)
PL SCI 2	Bot Physio Cul Plt	(4)	PLSCI 20	Principles of Plant Science	(3)
			OR		
			PLSCI 20L	Principles of Plant	(4)

			Science		
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
CHEM 8A	Organic Chem-Brief	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 8B	Organic Chem-Brief	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 18A	Organic Chemistry for Health and Life Sciences	(4)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 18A &	Organic Chemistry for Health and Life Sciences	(4)
			CHEM 18B	Organic Chemistry for Health and Life Sciences	(4)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 18B	Organic Chemistry for Health and Life Sciences	(4)
MATH 16A	Short Calculus	(3)	MATH 1A	Single Variable Calculus I - Early Transcendentals	(4)
			OR		
			MATH 9	Calculus for Business, Social and Life Science	(4)
MATH 16B	Short Calculus	(3)	MATH 1B	Single Variable Calculus II - Early Transcendentals	(4)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE		
	OR			OR	
PHYSICS 7A	General Physics	(4)	PHYS 2A &	General Physics	(3)
			PHYS 3A &	General Physics Laboratory	(1)
			PHYS 2B &	General Physics	(3)
			PHYS 3B	General Physics Laboratory	(1)
PHYSICS 7B	General Physics	(4)	PHYS 2A &	General Physics	(3)
			PHYS 3A &	General Physics Laboratory	(1)
			PHYS 2B &	General Physics	(3)
			PHYS 3B	General Physics Laboratory	(1)
PHYSICS 7C	General Physics	(4)	PHYS 2A &	General Physics	(3)
			PHYS 3A &	General Physics Laboratory	(1)
			PHYS 2B &	General Physics	(3)
			PHYS 3B	General Physics Laboratory	(1)

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 1B	Elementary Economics - (3)
			Micro	
	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)	POLSC 1	Introduction to	(3)
				American Government	

THREE COURSES FROM THE FOLLOWING:

POL SCI 2	Intro Comp Politics	(4)	NO COMPARABLE COURSE	
POL SCI 3	Internatl Relations	(4)	POLSC 7	International Relations (3)
POL SCI 4	Bas Cnpt/Pol Thry	(4)	POLSC 6	Political Philosophy (3)
			Same as:	
			OR	
			PHIL 6	Political Philosophy (3)
			Same as:	
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)	STAT 1	Introduction to (4)
	Same as: STATIST 13Y			Statistical Methods
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)	POLSC 1	Introduction to American Government	(3)
POL SCI 2	Intro Comp Politics	(4)	NO COMPARABLE COURSE		
POL SCI 3	Internatl Relations	(4)	POLSC 7	International Relations	(3)
POL SCI 4	Bas Cnpt/Pol Thry	(4)	POLSC 6	Political Philosophy	(3)
			Same as:		
			OR		
			PHIL 6	Political Philosophy	(3)
			Same as:		

ONE COURSE FROM THE FOLLOWING:

Note: Courses listed twice may be used only once for major preparation

POL SCI 1	Amer Natl Govt	(4)	POLSC 1	Introduction to American Government	(3)
POL SCI 2	Intro Comp Politics	(4)	NO COMPARABLE COURSE		
POL SCI 3	Internatl Relations	(4)	POLSC 7	International Relations	(3)
POL SCI 4	Bas Cnpt/Pol Thry	(4)	POLSC 6	Political Philosophy	(3)
			Same as:		
			<u>OR</u>		
			PHIL 6	Political Philosophy	(3)
			Same as:		
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)			
<hr/>					
POL SCI 51	Scientific Study of Politics	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
<hr/>					
POL SCI 12Y	Data Visualization	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
Same as: COMUNCN 12Y, PSYCH 12Y					

SOCIOL 12Y			
	OR		OR
STATIST 13 Elementary Statistics (4)		STAT 1 Introduction to (4)	
Same as: STATIST 13Y		Statistical Methods	
	OR		OR
STATIST 32 Gateway to Data Science (4)		NO COMPARABLE COURSE	
END OF MAJOR			

====Psychology A.B.====

Special Advising Note:

REQUIREMENTS FOR ADMISSION:
(for 2019-20)

This major is selective and requires preparatory coursework for admission. Any required courses that are offered at your current campus must be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses are not offered at your college, you must complete them after enrolling at UC Davis.

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.90 for the course group. It is recommended that candidates have a cumulative GPA of at least 2.90 for courses in the group below that have been completed by the time of application and maintain the GPA through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

Psychology 1;
Statistics 13;
One of these two options:
Biological Sciences 2A,
or
*Biological Sciences 10 and one course from:
Anthropology 1 or
Molecular and Cellular Biology 10 or
Neurobiology, Physiology and Behavior 10

Applicants to psychology apply to the major, without reference to A.B. or B.S. degrees or emphases, which are chosen after enrollment at UC Davis. Transfer students are advised that although requirements for admission (listed above) in the psychology major are the same for the A.B. and B.S. degree options, lower-division preparation for graduation in the major may vary based on the degree and emphasis. Students are encouraged to view coursework for the A.B. degree and the B.S. degree with available biological and quantitative emphases.

Although not required for admission selection to the psychology major, it is highly recommended that students planning for a B.S. degree in psychology complete courses comparable to the UC Davis chemistry courses that apply to the student's degree and emphasis before enrolling at UC Davis.

*Students planning for a B.S. degree in psychology with biological emphasis are encouraged to complete Biological Sciences 2A rather than Biological Sciences 10. Also, although only one biological sciences course is required for admission, students interested in pursuing a B.S. degree with biological emphasis are encouraged to complete the recommended courses shown on ASSIST.

Transfer students must also meet UC transfer admission requirements. For details, see the UC Davis [transfer admission website](#). UC Davis requires that

students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

PSYCH 1	General Psychology	(4)		PSYCH 1A	General Psychology	(3)
PSYCH 41	Research Methods	(4)		PSYCH 7	Research Methods in Psychology	(3)

STATIST 13	Elementary Statistics	(4)		STAT 1	Introduction to Statistical Methods	(4)
Same as: STATIST 13Y						

BIOLSCI 2A	Intro Biology:Life on Earth	(5)		BIOL 1	Principles of Biology	(5)
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OR A COMBINATION OF

BIOLSCI 10	Everyday Biology	(4)		BIOL 10L	General Biology	(4)
				OR		
				BIOL 15	Bioscience	(4)

AND ONE COURSE FROM

ANTHRO 1	Human Evol Biol	(4)	ANTHR 1	Introduction to Physical Anthropology	(3)
	OR			OR	
MOL&CB 10	Intro Human Heredity	(4)	NO COMPARABLE COURSE		
	OR			OR	
NE PH B 10	Elem Human Physio	(3)	BIOL 5	Human Physiology	(4)
END OF MAJOR					

====Psychology B.S. (Biological)====

Special Advising Note:

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

This major is selective and requires preparatory coursework for admission. Any required courses that are offered at your current campus must be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses are not offered at your college, you must complete them after enrolling at UC Davis.

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.90 for the course group. It is recommended that candidates have a cumulative GPA of at least 2.90 for courses in the group below that have been completed by the time of application and maintain the GPA through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

Psychology 1;

Statistics 13;

One of these two options:

Biological Sciences 2A,

or

*Biological Sciences 10 and one course from:

Anthropology 1 or

Molecular and Cellular Biology 10 or

Neurobiology, Physiology and Behavior 10

Applicants to psychology apply to the major, without reference to A.B. or B.S. degrees or emphases, which are chosen after enrollment at UC Davis. Transfer students are advised that although requirements for admission (listed above) in the psychology major are the same for the A.B. and B.S. degree options, lower-division preparation for graduation in the major may vary based on the degree and emphasis. Students are encouraged to view coursework for the A.B. degree and the B.S. degree with available biological and quantitative emphases.

Although not required for admission selection to the psychology major, it is highly recommended that students planning for a B.S. degree in psychology complete courses comparable to the UC Davis chemistry courses that apply to the student's degree and emphasis before enrolling at UC Davis.

*Students planning for a B.S. degree in psychology with biological emphasis are encouraged to complete Biological Sciences 2A rather than Biological Sciences 10. Also, although only one biological sciences course is required for admission, students interested in pursuing a B.S. degree with biological emphasis are encouraged to complete the recommended courses shown on ASSIST.

Transfer students must also meet UC transfer admission requirements. For details, see the UC Davis [transfer admission website](#). UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

PSYCH 1	General Psychology	(4)	PSYCH 1A	General Psychology	(3)
PSYCH 41	Research Methods	(4)	PSYCH 7	Research Methods in Psychology	(3)
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STATIST 13	Elementary Statistics	(4)	STAT 1	Introduction to Statistical Methods	(4)
Same as: STATIST 13Y					
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MATH 16A	Short Calculus	(3)	MATH 1A	Single Variable Calculus I - Early Transcendentals	(4)
			<u>OR</u>		
			MATH 9	Calculus for Business, Social and Life Science	(4)
MATH 16B	Short Calculus	(3)	MATH 1B	Single Variable Calculus II - Early Transcendentals	(4)
			<u>OR</u>		
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
			<u>OR</u>		
MATH 21A	Calculus	(4)	MATH 1A	Single Variable	(4)

MATH 21B	Calculus	(4)	MATH 1B	Calculus I - Early Transcendentals Single Variable Calculus II - Early Transcendentals	(4)
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PHYSICS 10	Topics, Nonscientists	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
	OR			OR	
PHYSICS 10C	Physics of California	(3)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
	OR			OR	
PHYSICS 7A	General Physics	(4)	PHYS 2A &	General Physics	(3)
			PHYS 3A &	General Physics	(1)
				Laboratory	
			PHYS 2B &	General Physics	(3)
			PHYS 3B &	General Physics	(1)
				Laboratory	
PHYSICS 7B	General Physics	(4)	PHYS 2A &	General Physics	(3)
			PHYS 3A &	General Physics	(1)
				Laboratory	
			PHYS 2B &	General Physics	(3)
			PHYS 3B &	General Physics	(1)
				Laboratory	

It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 1	Principles of Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1 &	Principles of Biology	(5)
			BIOL 2 &	General Zoology	(4)
			BIOL 3	General Botany	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 2 &	General Zoology	(4)
			BIOL 3	General Botany	(4)

CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry	(5)

CHEM 8A	Organic Chem-Brief	(2)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
CHEM 8B	Organic Chem-Brief	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
	OR			OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 18A	Organic Chemistry for Health and Life Sciences	(4)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 18A &	Organic Chemistry for Health and Life Sciences	(4)
			CHEM 18B	Organic Chemistry for Health and Life Sciences	(4)
	OR			OR	
CHEM 128A	Organic Chemistry	(3)	CHEM 18A	Organic Chemistry for Health and Life Sciences	(4)
CHEM 128B	Organic Chemistry	(3)	CHEM 18A &	Organic Chemistry for	(4)

	Health and Life Sciences
CHEM 18B	Organic Chemistry for (4) Health and Life Sciences

END OF MAJOR

====Psychology B.S. (Quantitative)====

Special Advising Note:

REQUIREMENTS FOR ADMISSION:
(for 2018-19)

This major is selective and requires preparatory coursework for admission. Any required courses that are offered at your current campus must be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses are not offered at your college, you must complete them after enrolling at UC Davis.

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.90 for the course group. It is recommended that candidates have a cumulative GPA of at least 2.90 for courses in the group below that have been completed by the time of application and maintain the GPA through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

Psychology 1;
Statistics 13;
One of these two options:
Biological Sciences 2A
 or
Biological Sciences 10 and one course from:
Anthropology 1 or
Molecular and Cellular Biology 10 or
Neurobiology, Physiology and Behavior 10

Applicants to psychology apply to the major without reference to A.B. or B.S. degrees or emphases, which are chosen after enrollment at UC Davis. Transfer students are advised that although requirements for admission (listed above) in the psychology major are the same for the A.B. and B.S. degree options, lower-division preparation for graduation in the major may vary based on the degree and emphasis. Students are encouraged to view coursework for the A.B. degree and the B.S. degree with available biological and quantitative emphases.

Although not required for admission selection to the psychology major, it is highly recommended that students planning for a B.S. degree in psychology complete courses comparable to the UC Davis chemistry courses that apply to the student's degree and emphasis before enrolling at UC Davis.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer students are strongly advised to complete as many preparatory courses

as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

PSYCH 1	General Psychology	(4)	PSYCH 1A	General Psychology	(3)
PSYCH 41	Research Methods	(4)	PSYCH 7	Research Methods in Psychology	(3)
STATIST 13	Elementary Statistics	(4)	STAT 1	Introduction to Statistical Methods	(4)
Same as: STATIST 13Y					
MATH 21A	Calculus	(4)	MATH 1A	Single Variable Calculus I - Early Transcendentals	(4)
MATH 21B	Calculus	(4)	MATH 1B	Single Variable Calculus II - Early Transcendentals	(4)
MATH 21C	Calculus	(4)	MATH 1C	Multivariable Calculus	(4)
ENG CS 36A	Programming	(4)	COMSC 9A	C++ Programming	(4)
Formerly ENG CS 30			OR		
			COMSC 12	JAVA Programming	(3)
			OR		
ENG CS 32A	Intro to Programming	(4)	COMSC 10L	Computer Literacy	(3)
Formerly ENG CS 10					

Please note that the community college's computer science courses may not be identical to UC Davis courses. Community college students, upon transfer to UC Davis, may need to make up any topic or language deficiencies.

CHEM 10	Concept of Chem	(4)	CHEM 10	Concepts of Chemistry	(3)
OR			OR		
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry	(5)

OR			OR
CHEM 2AH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE
CHEM 2BH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE

PHYSICS 10	Topics, Nonscientists	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
OR			OR
PHYSICS 10C	Physics of California	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
OR			OR
PHYSICS 7A	General Physics	(4)	PHYS 2A & General Physics (3)
			PHYS 3A & General Physics (1)
			Laboratory
			PHYS 2B & General Physics (3)
			PHYS 3B & General Physics (1)
			Laboratory
PHYSICS 7B	General Physics	(4)	PHYS 2A & General Physics (3)
			PHYS 3A & General Physics (1)
			Laboratory
			PHYS 2B & General Physics (3)
			PHYS 3B & General Physics (1)
			Laboratory

It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 1	Principles of Biology	(5)
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OR A COMBINATION OF

BIOLSCI 10	Everyday Biology	(4)	BIOL 10L	General Biology	(4)
			OR		
			BIOL 15	Bioscience	(4)

AND ONE COURSE FROM

ANTHRO 1	Human Evol Biol	(4)	ANTHR 1	Introduction to Physical Anthropology	(3)
OR			OR		
MOL&CB 10	Intro Human Heredity	(4)	NO COMPARABLE COURSE		
OR			OR		
NE PH B 10	Elem Human Physio	(3)	BIOL 5	Human Physiology	(4)

END OF MAJOR

====Religious Studies A.B.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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)	PHIL 20	World Religions	(3)
REL STD 1A	Pilgrimage	(4)	NO COMPARABLE COURSE		
REL STD 1B	Death and Afterlife	(4)	NO COMPARABLE COURSE		
REL STD 1C	Sacrifice	(4)	NO COMPARABLE COURSE		
REL STD 1D	Conversion	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
REL STD 1E	Fundamentalism	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
REL STD 1F	Religion Today	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
REL STD 1G	Myth Ritual Symbol	(4)	NO COMPARABLE COURSE		
REL STD 1H	Sex, Marriage, Divorce	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
REL STD 1J	Music, Voice, Word	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		

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		

REL STD 12	Emergence Abrahamic Religions	(4)	submitted course(s)for articulation NO COURSE ARTICULATED:College has not submitted course(s)for articulation
REL STD 21	The Bible	(4)	NO COMPARABLE COURSE
REL STD 23	Intro Judaism	(4)	NO COMPARABLE COURSE
REL STD 30	South Asian Religions	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
REL STD 40	New Testament	(4)	NO COMPARABLE COURSE
REL STD 42	Religion and Sci Fiction	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
REL STD 45	Christianity	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
REL STD 60	Introduction to Islam	(4)	NO COMPARABLE COURSE
REL STD 65C	The Qur'an and Its Interpretation	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
REL STD 67	Modern Hinduism	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
REL STD 68	Hinduism	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
REL STD 69	Intro Hindu Mythology	(4)	NO COURSE ARTICULATED:College has not submitted course(s)for articulation
REL STD 70	Religion and Language	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
REL STD 75	Introduction to Chinese Philosophy	(4)	NO COMPARABLE COURSE
REL STD 80	Religion, Gender, Sex	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

A reading knowledge of a foreign language is highly recommended.

END OF MAJOR

====Russian A.B.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](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.

Students with only one year or less of Russian at the community college level should consult with an advisor in the Russian Department at UC Davis before continuing on with the Russian series.

RUSSIAN 1	Elementary Russian	(5)	NO COMPARABLE COURSE
RUSSIAN 2	Elementary Russian	(5)	NO COMPARABLE COURSE
RUSSIAN 3	Elementary Russian	(5)	NO COMPARABLE COURSE
RUSSIAN 4	Intermed Russian	(4)	NO COMPARABLE COURSE
RUSSIAN 5	Intermed Russian	(4)	NO COMPARABLE COURSE
RUSSIAN 6	Intermed Russian	(4)	NO COMPARABLE COURSE

END OF MAJOR

====Science & Technology Studies A.B.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education (GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option

from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

SCI&TEC 1	Intro Sci & Tech Std	(4)	NO COMPARABLE COURSE
SCI&TEC 20	Sci & Tec Std Methods	(4)	NO COMPARABLE COURSE

8 QUARTER UNITS FROM THE FOLLOWING:

AMR STD 1A	Science and American Culture	(4)	NO COMPARABLE COURSE
AMR STD 1E	Nat&Cult Amr	(4)	NO COMPARABLE COURSE
AMR STD 5	Tech in Amr Lives	(4)	NO COMPARABLE COURSE
ENV S&P 1	Env Analysis	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HUMAN 3	Medicine & Humanities	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PHILOS 30	Intro Philos of Sci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PHILOS 31	Scientific Reason	(4)	NO 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:

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SOCIOL 1	Intro Sociology	(5)		SOCIL 1	Introduction to Sociology	(3)
SOCIOL 46A	Intro Social Rsch	(4)		SOCIL 8	Social Science Research Methods	(3)
	AND				AND	
SOCIOL 46B	Intro Social Rsch	(5)		NO COMPARABLE COURSE		

ONE COURSE FROM THE FOLLOWING:

SOCIOL 2	Self and Society	(4)		NO COMPARABLE COURSE		
SOCIOL 3	Social Problems	(4)		SOCIL 2	Social Problems	(3)
SOCIOL 4	Immigrtn & Opprtnty	(4)		NO COMPARABLE COURSE		
SOCIOL 5	Global Soc Change	(4)		NO COMPARABLE COURSE		
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)	ANTHR 2	Cultural Anthropology	(3)
OR			OR		
ANTHRO 20	Comparative Cultures	(4)	NO COMPARABLE COURSE		

ONE COURSE FROM THE FOLLOWING:

HISTORY 4A	Western Civ	(4)	NO COMPARABLE COURSE		
HISTORY 4B	Western Civ	(4)	HIST 4A &	Western Civilization	(3)
			HIST 4B	Western Civilization	(3)
HISTORY 4C	Western Civ	(4)	HIST 4B	Western Civilization	(3)
HISTORY 6	Intro to Middle East	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
HISTORY 7A	Latin America to 1700	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
HISTORY 7B	Latin America 1700-1900	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
HISTORY 7C	Latin America 1900-Present	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
HISTORY 8	Indian Civilization	(4)	NO COMPARABLE COURSE		
HISTORY 9A	East Asian Civ	(4)	NO COMPARABLE COURSE		
HISTORY 9B	East Asian Civ	(4)	NO COMPARABLE COURSE		
HISTORY 10C	World History III	(4)	HIST 5B	World Civilizations	(3)
HISTORY 15A	Africa to 1900	(4)	NO COURSE ARTICULATED		
HISTORY 15B	Africa Today	(4)	NO COURSE ARTICULATED		
HISTORY 17A	U.S. History	(4)	HIST 17A	United States History	(3)
HISTORY 17B	U.S. History	(4)	HIST 17B	United States History	(3)

ONE COURSE FROM THE FOLLOWING:

PHILOS 5	Critical Reasoning	(4)	PHIL 12	Critical Thinking	(3)
PHILOS 14	Eth Soc Prob in Soc	(4)	NO COMPARABLE COURSE		
PHILOS 24	Intro to Ethics	(4)	PHIL 2	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://tag.ucdavis.edu). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for

students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

SOCIOL 1	Intro Sociology	(5)		SOCIL 1	Introduction to Sociology	(3)
SOCIOL 5	Global Soc Change	(4)		NO COMPARABLE COURSE		
SOCIOL 46A	Intro Social Rsch	(4)		SOCIL 8	Social Science Research Methods	(3)
	AND				AND	
SOCIOL 46B	Intro Social Rsch	(5)		NO COMPARABLE COURSE		
ECON 1B	Princ of Macroecon	(4)		ECON 1A	Elementary Economics - Macro	(3)
ANTHRO 2	Cultural Anthropology	(5)		ANTHR 2	Cultural Anthropology	(3)
	OR				OR	
ANTHRO 20	Comparative Cultures	(4)		NO COMPARABLE COURSE		
HISTORY 10C	World History III	(4)		HIST 5B	World Civilizations	(3)
	OR				OR	
POL SCI 2	Intro Comp Politics	(4)		NO COMPARABLE COURSE		

Course work in one modern foreign language at the two-year level, or provide proof of proficiency (27-30 quarter units).

END OF MAJOR

====Sociology A.B. (Law & Society)====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to

fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

SOCIOL 1	Intro Sociology	(5)		SOCIL 1	Introduction to Sociology	(3)
SOCIOL 3	Social Problems	(4)		SOCIL 2	Social Problems	(3)
	OR				OR	
SOCIOL 4	Immigrtn & Opprtnty	(4)		NO COMPARABLE COURSE		
	OR				OR	
SOCIOL 11	Sociology of Labor and Employment	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
SOCIOL 46A	Intro Social Rsch	(4)		SOCIL 8	Social Science Research Methods	(3)
	AND				AND	
SOCIOL 46B	Intro Social Rsch	(5)		NO COMPARABLE COURSE		

4 QUARTER UNITS FROM THE FOLLOWING:

ANTHRO 2	Cultural Anthropology	(5)		ANTHR 2	Cultural Anthropology	(3)
ANTHRO 20	Comparative Cultures	(4)		NO COMPARABLE COURSE		
POL SCI 1	Amer Natl Govt	(4)		POLSC 1	Introduction to American Government	(3)
POL SCI 3	Internatl Relations	(4)		POLSC 7	International Relations	(3)
POL SCI 4	Bas Cnpt/Pol Thry	(4)		POLSC 6	Political Philosophy	(3)

			Same as:	
			<u>OR</u>	
			PHIL 6	Political Philosophy (3)
			Same as:	
POL SCI 7	Law & Politics	(4)	NO COMPARABLE COURSE	

4 QUARTER UNITS FROM THE FOLLOWING:

HISTORY 4A	Western Civ	(4)	NO COMPARABLE COURSE	
HISTORY 4B	Western Civ	(4)	HIST 4A & Western Civilization	(3)
			HIST 4B Western Civilization	(3)
HISTORY 4C	Western Civ	(4)	HIST 4B Western Civilization	(3)
HISTORY 6	Intro to Middle East	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
HISTORY 7A	Latin America to 1700	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
HISTORY 7B	Latin America 1700-1900	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
HISTORY 7C	Latin America 1900-Present	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
HISTORY 8	Indian Civilization	(4)	NO COMPARABLE COURSE	
HISTORY 9A	East Asian Civ	(4)	NO COMPARABLE COURSE	
HISTORY 9B	East Asian Civ	(4)	NO COMPARABLE COURSE	
HISTORY 10C	World History III	(4)	HIST 5B World Civilizations	(3)
HISTORY 15A	Africa to 1900	(4)	NO COURSE ARTICULATED	
HISTORY 15B	Africa Today	(4)	NO COURSE ARTICULATED	
HISTORY 17A	U.S. History	(4)	HIST 17A United States History	(3)
HISTORY 17B	U.S. History	(4)	HIST 17B United States History	(3)
PHILOS 5	Critical Reasoning	(4)	PHIL 12 Critical Thinking	(3)
	<u>OR</u>		<u>OR</u>	
PHILOS 14	Eth Soc Prob in Soc	(4)	NO COMPARABLE COURSE	
	<u>OR</u>		<u>OR</u>	
PHILOS 24	Intro to Ethics	(4)	PHIL 2 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](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.

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College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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SOCIOL 1	Intro Sociology	(5)		SOCIL 1	Introduction to Sociology	(3)
SOCIOL 2	Self and Society	(4)		NO COMPARABLE COURSE		
	OR				OR	
SOCIOL 3	Social Problems	(4)		SOCIL 2	Social Problems	(3)
SOCIOL 46A	Intro Social Rsch	(4)		SOCIL 8	Social Science Research Methods	(3)
	AND				AND	
SOCIOL 46B	Intro Social Rsch	(5)		NO COMPARABLE COURSE		
PSYCH 1	General Psychology	(4)		PSYCH 1A	General Psychology	(3)

6-8 QUARTER UNITS FROM THE FOLLOWING:

AF-AMST 10	Af-Am Culture & Soc	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
AF-AMST 15	Intro Afro Amer Hum	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
A A STD 1	Hist Exp Asian Am	(4)		HIST 14	Asian-American History	(3)
A A STD 2	Contemp Issues of Asian Americans	(4)		NO COMPARABLE COURSE		
CHICANO 10	Intro to Chic Std	(4)		ETHN 1	Introduction to Chicano Studies	(3)
CHICANO 50	Chicano Culture	(4)		NO COMPARABLE COURSE		
N A STD 1	Intro NA Studies	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
N A STD 10	NA Experience	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
SOCIOL 4	Immigrtn & Opprtnty	(4)		NO COMPARABLE COURSE		
SOCIOL 11	Sociology of Labor and Employment	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
SOCIOL 30A	Multicultural Societies	(3)		NO 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:

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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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SOCIOL 1	Intro Sociology	(5)	SOCIL 1	Introduction to Sociology	(3)
	AND			AND	
SOCIOL 2	Self and Society	(4)	NO COMPARABLE COURSE		
SOCIOL 4	Immigrtn & Opprtnty	(4)	NO COMPARABLE COURSE		
	OR			OR	
SOCIOL 5	Global Soc Change	(4)	NO COMPARABLE COURSE		
	OR			OR	
SOCIOL 11	Sociology of Labor and Employment	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

SOCIOL 46A	Intro Social Rsch	(4)	SOCIL 8	Social Science Research (3) Methods
	AND			AND
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE	
ECON 1A	Princ of Microecon	(4)	ECON 1B	Elementary Economics - (3) Micro
	AND			AND
ECON 1B	Princ of Macroecon	(4)	ECON 1A	Elementary Economics - (3) Macro

END OF MAJOR

====Spanish A.B.====

Special Advising Note:

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Transfer Admission Guarantee (TAG) Note:

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College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:

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available from our TAG website.

SPANISH 1	Elementary Spanish	(5)	SPAN 1	Elementary Spanish, Part (4) 1
e) SPANISH 2	Elementary Spanish	(5)	SPAN 1 &	Elementary Spanish, Part (4) 1
			SPAN 2	Elementary Spanish, Part (4) 2
e) SPANISH 3	Elementary Spanish	(5)	SPAN 2	Elementary Spanish, Part (4) 2
e) SPANISH 21	Intm Spanish	(5)	SPAN 3	Intermediate Spanish, (4) Part 1
SPANISH 22	Intm Spanish	(5)	SPAN 4	Intermediate Spanish, (4) Part 2
SPANISH 23	Span Comp I	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation
SPANISH 24	Span Comp II	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation
OR			OR	
e) SPANISH 31	Int Span Nat Spk I	(5)	SPAN 20A	Spanish for Heritage (4) Students
e) SPANISH 32	Int Span Nat Spk II	(5)	SPAN 20A &	Spanish for Heritage (4) Students
			SPAN 20B	Spanish for Heritage (4) Students
e) SPANISH 33	Int Span Nat Spk III	(5)	SPAN 20B	Spanish for Heritage (4) Students

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 COURSE	ARTICULATED: College has not submitted course(s)for articulation
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END OF MAJOR

e) UC Transfer Course Agreement states: SPAN 2 and 20A combined - maximum credit, one course. SPAN 3 and 20B combined - maximum credit, one course.

====Statistics A.B.====

Special Advising Note:

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Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

MATH 16A	Short Calculus	(3)	MATH 1A	Single Variable Calculus I - Early Transcendentals	(4)
			OR		
			MATH 9	Calculus for Business, Social and Life Science	(4)
MATH 16B	Short Calculus	(3)	MATH 1B	Single Variable Calculus II - Early Transcendentals	(4)
MATH 16C	Short Calculus	(3)	MATH 1B	Single Variable Calculus II - Early Transcendentals	(4)
	OR		OR		
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
	OR		OR		
MATH 21A	Calculus	(4)	MATH 1A	Single Variable Calculus I - Early Transcendentals	(4)
MATH 21B	Calculus	(4)	MATH 1B	Single Variable Calculus II - Early Transcendentals	(4)
MATH 21C	Calculus	(4)	MATH 1C	Multivariable Calculus	(4)
MATH 22A	Linear Algebra	(3)	MATH 3	Linear Algebra	(3)

ENG CS 32A Intro to Programming(4) Formerly ENG CS 10		COMSC 10L Computer Literacy (3)
OR		OR
ENG CS 36A Programming (4) Formerly ENG CS 30		COMSC 9A C++ Programming (4)
OR		OR
ENG CS 36B Object-Oriented Program (4) Formerly ENG CS 40		COMSC 12 JAVA Programming (3)
		OR
		COMSC 11 Advanced 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.

STATIST 32 Gateway to Data Science (4) | NO COMPARABLE COURSE

END OF MAJOR

====Statistics B.S. (Applied Statistics Option)====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

MATH 16A	Short Calculus	(3)	MATH 1A	Single Variable Calculus I - Early Transcendentals	(4)
			<u>OR</u>		
			MATH 9	Calculus for Business, Social and Life Science	(4)
MATH 16B	Short Calculus	(3)	MATH 1B	Single Variable Calculus II - Early Transcendentals	(4)
MATH 16C	Short Calculus	(3)	MATH 1B	Single Variable Calculus II - Early Transcendentals	(4)
	<u>OR</u>		<u>OR</u>		
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
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 1A	Single Variable Calculus I - Early Transcendentals	(4)
MATH 21B	Calculus	(4)	MATH 1B	Single Variable Calculus II - Early Transcendentals	(4)
MATH 21C	Calculus	(4)	MATH 1C	Multivariable Calculus	(4)

NOTE: THE MATH 21A,B,C SERIES IS RECOMMENDED IF AVAILABLE

MATH 22A	Linear Algebra	(3)	MATH 3	Linear Algebra	(3)
ENG CS 32A	Intro to Programming(4) Formerly ENG CS 10		COMSC 10L	Computer Literacy	(3)
	<u>OR</u>		<u>OR</u>		
ENG CS 36A	Programming Formerly ENG CS 30	(4)	COMSC 9A	C++ Programming	(4)
	<u>OR</u>		<u>OR</u>		
ENG CS 36B	Object-Oriented Program Formerly ENG CS 40	(4)	COMSC 12	JAVA Programming	(3)
			<u>OR</u>		
			COMSC 11	Advanced 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.

AND ONE COURSE FROM

STATIST 12	Discrete Probabil	(4)	NO COMPARABLE COURSE		
STATIST 13	Elementary Statistics Same as: STATIST 13Y	(4)	STAT 1	Introduction to Statistical Methods	(4)
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		

PLUS TWO INTRODUCTORY COURSES SERVING AS THE PREREQUISITE TO UPPER DIVISION COURSES IN A CHOSEN DISCIPLINE TO WHICH STATISTICS IS APPLIED.

END OF MAJOR

====Statistics B.S. (Computational Statistics Option)====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

MATH 21A	Calculus	(4)	MATH 1A	Single Variable Calculus I - Early Transcendentals	(4)
MATH 21B	Calculus	(4)	MATH 1B	Single Variable Calculus II - Early Transcendentals	(4)
MATH 21C	Calculus	(4)	MATH 1C	Multivariable Calculus	(4)
MATH 21D	Vector Analysis	(4)	MATH 1C	Multivariable Calculus	(4)
MATH 22A	Linear Algebra	(3)	MATH 3	Linear Algebra	(3)
ENG CS 36C	Data Structures	(4)	COMSC 9B	Data Structures	(4)
Formerly ENG CS 60					

Please note that the community college's computer science courses may not be identical to UC Davis courses. Community college students, upon transfer to UC Davis, may need to make up any topic or language deficiencies.

AND ONE COURSE FROM

STATIST 12	Discrete Probabil	(4)	NO COMPARABLE COURSE	
STATIST 13	Elementary Statistics	(4)	STAT 1	Introduction to (4)
Same as: STATIST 13Y			Statistical Methods	
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE	

END OF MAJOR

====Statistics B.S. (General Statistics Option)====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

MATH 21A	Calculus	(4)	MATH 1A	Single Variable Calculus I - Early Transcendentals	(4)
MATH 21B	Calculus	(4)	MATH 1B	Single Variable Calculus II - Early Transcendentals	(4)
MATH 21C	Calculus	(4)	MATH 1C	Multivariable Calculus	(4)
MATH 21D	Vector Analysis	(4)	MATH 1C	Multivariable Calculus	(4)
MATH 22A	Linear Algebra	(3)	MATH 3	Linear Algebra	(3)
	OR			OR	

MATH 67	Modern Linear Algebra	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 25	Advanced Calculus	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ENG CS 32A	Intro to Programming	(4)	COMSC 10L Computer Literacy (3)
	Formerly ENG CS 10		
	OR		OR
ENG CS 36A	Programming	(4)	COMSC 9A C++ Programming (4)
	Formerly ENG CS 30		OR
	OR		COMSC 12 JAVA Programming (3)
ENG CS 36B	Object-Oriented Program	(4)	COMSC 11 Advanced C++ (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)	STAT 1 Introduction to Statistical Methods (4)
	Same as: STATIST 13Y		
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](https://ucdavis.edu/transfer-admission). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts

partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

MATH 21A	Calculus	(4)	MATH 1A	Single Variable Calculus I - Early Transcendentals	(4)
MATH 21B	Calculus	(4)	MATH 1B	Single Variable Calculus II - Early Transcendentals	(4)
MATH 21C	Calculus	(4)	MATH 1C	Multivariable Calculus	(4)
MATH 21D	Vector Analysis	(4)	MATH 1C	Multivariable Calculus	(4)
MATH 22A	Linear Algebra	(3)	MATH 3	Linear Algebra	(3)
<hr/>					
ENG CS 32A	Intro to Programming	(4)	COMSC 10L	Computer Literacy	(3)
	Formerly ENG CS 10				
	OR			OR	
ENG CS 36A	Programming	(4)	COMSC 9A	C++ Programming	(4)
	Formerly ENG CS 30			OR	
	OR		COMSC 12	JAVA Programming	(3)
				OR	
ENG CS 36B	Object-Oriented Program	(4)	COMSC 11	Advanced C++ Programming	(3)
	Formerly ENG CS 40				
<hr/>					
STATIST 12	Discrete Probabil	(4)	NO COMPARABLE COURSE		
	OR			OR	
STATIST 13	Elementary Statistics	(4)	STAT 1	Introduction to Statistical Methods	(4)
	Same as: STATIST 13Y			OR	
	OR			OR	
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		

END OF MAJOR

====Sustainable Agriculture and Food Systems B.S.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is highly recommended that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. See the [UC Transfer Admission website](#) for details. UC Davis requires that students complete the minimum transfer admission requirement by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College of Agricultural and Environmental Sciences (A&ES) General Education (GE) English Composition Requirement for the Bachelor's Degree:

The College of A&ES English Composition requirement for the Bachelor's degree is an element of the UC Davis General Education (GE) pattern. This GE requirement may be satisfied by completing either two courses emphasizing written expression OR one course emphasizing written expression and one course emphasizing oral expression, with a grade of C- (or P) or better. The following UC Davis lower-division courses are among those that have been approved to satisfy this requirement: English 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (emphasis in either writing or speaking skills). The English Composition requirement may also be met by achieving a score of 4 or 5 on the Advanced Placement (AP) English examination PLUS completing any previously listed course, EXCEPT English 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC transfer students who have successfully completed the IGETC lower-division coursework are exempt from all GE requirements that may be met with lower-division courses. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer admission. See the [UC Transfer Admission website](#). The courses used for the A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

COMUNCN 1	Intro Public Spkg	(4)	SPECH 1	Public Speaking	(3)
PL SCI 15	Intro Sustainable Agriculture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CM&RGDE 20	Food Systems	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
PL PATH 40	Edible Mushroom Cult	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
	OR		OR		
PL SCI 49	Org Crop Prod Prac	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
Select one of the following courses:					
AN SCI 41L	Domest An Prod Lab	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
AN SCI 49A	Animal Prac/Aquaculture	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
AN SCI 49B	Animal Prac/Beef	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
AN SCI 49C	Animal Prac/Dairy	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
AN SCI 49D	Animal Prac/Goats	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
AN SCI 49E	Animal Prac/Horses	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
AN SCI 49F	Animal Prac/Lab Animals	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
AN SCI 49G	Animal Prac/Meats	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
AN SCI 49H	Animal Prac/Poultry	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
AN SCI 49I	Animal Prac/Sheep	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
AN SCI 49J	Animal Prac/Swine	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
ABIOSYT 49	Fld Equip Oper	(2)	NO COMPARABLE COURSE		
	OR		OR		
ABIOSYT 52	Field Equip Welding	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		

PLUS CHOOSE ONE OF THE FOLLOWING THREE TRACKS:

TRACK I: AGRICULTURE AND ECOLOGY

MATH 16A	Short Calculus	(3)	MATH 1A	Single Variable Calculus I - Early Transcendentals	(4)
			OR		
			MATH 9	Calculus for Business, Social and Life Science	(4)
MATH 16B	Short Calculus	(3)	MATH 1B	Single Variable Calculus II - Early Transcendentals	(4)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry	(5)
PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
BIOLSCI 2B	Intro Biology: Ecology	(5)	BIOL 1 &	Principles of Biology	(5)

& Evolution			BIOL 2 & General Zoology	(4)
			BIOL 3 General Botany	(4)
PL SCI 2	Bot Physio Cul Plt	(4)	PLSCI 20 Principles of Plant Science	(3)
			<u>OR</u>	
			PLSCI 20L Principles of Plant Science	(4)
AN SCI 1	Domest Ani & People	(4)	NO COMPARABLE COURSE	
			<u>OR</u>	
AN SCI 2	Intro Animal Sci	(4)	AG 45 Principles of Animal Science	(3)
FD S&T 1	Food Sci Principles	(3)	NO COMPARABLE COURSE	
ECON 1A	Princ of Microecon	(4)	ECON 1B Elementary Economics - Micro	(3)
CM&RGDE 1	The Community	(4)	NO COMPARABLE COURSE	
PHILOS 14	Eth Soc Prob in Soc	(4)	NO COMPARABLE COURSE	
			<u>OR</u>	
PHILOS 15	Intro to Bioethics	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
			<u>OR</u>	
PHILOS 24	Intro to Ethics	(4)	PHIL 2 Ethics	(3)
ANTHRO 2	Cultural Anthropology	(5)	ANTHR 2 Cultural Anthropology	(3)
			<u>OR</u>	
POL SCI 4	Bas Cnpt/Pol Thry	(4)	POLSC 6 Political Philosophy	(3)
			Same as:	
			<u>OR</u>	
			PHIL 6 Political Philosophy	(3)
			Same as:	
			<u>OR</u>	
SOCIO 1	Intro Sociology	(5)	SOCIL 1 Introduction to Sociology	(3)
			<u>OR</u>	
SOCIO 3	Social Problems	(4)	SOCIL 2 Social Problems	(3)
TRACK II: FOOD AND SOCIETY				
PHILOS 5	Critical Reasoning	(4)	PHIL 12 Critical Thinking	(3)
			<u>OR</u>	
PHILOS 31	Scientific Reason	(4)	NO COMPARABLE COURSE	
PHILOS 14	Eth Soc Prob in Soc	(4)	NO COMPARABLE COURSE	
			<u>OR</u>	
PHILOS 15	Intro to Bioethics	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
			<u>OR</u>	
PHILOS 24	Intro to Ethics	(4)	PHIL 2 Ethics	(3)
SOCIO 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE	
			<u>OR</u>	
STATIST 13	Elementary Statistics	(4)	STAT 1 Introduction to Statistical Methods	(4)
			Same as: STATIST 13Y	
CHEM 2A	Genl Chemistry	(5)	CHEM 1A General Chemistry	(5)
BIOLSCI 10	Everyday Biology	(4)	BIOL 10L General Biology	(4)
			<u>OR</u>	

			BIOL 15	Bioscience	(4)
PL SCI 2	Bot Physio Cul Plt	(4)	PLSCI 20	Principles of Plant Science	(3)
			<u>OR</u>		
			PLSCI 20L	Principles of Plant Science	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1 &	Principles of Biology	(5)
			BIOL 2 &	General Zoology	(4)
			BIOL 3	General Botany	(4)
	<u>OR</u>			<u>OR</u>	
ENV S&P 1	Env Analysis	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	<u>OR</u>			<u>OR</u>	
ENV S&P 30	Global Ecosystem	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	Same as: ENV SC&M 30				
	<u>OR</u>			<u>OR</u>	
W&F BIO 10	Wildl Ecol Conserve	(4)	NO COMPARABLE COURSE		
	<u>OR</u>			<u>OR</u>	
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)	PLSCI 22	Introduction to Soils	(3)
			<u>OR</u>		
			PLSCI 22L	Introduction to Soils	(4)
ECON 1A	Princ of Microecon	(4)	ECON 1B	Elementary Economics - Micro	(3)
POL SCI 4	Bas Cnpt/Pol Thry	(4)	POLSC 6	Political Philosophy	(3)
			Same as:		
			<u>OR</u>		
			PHIL 6	Political Philosophy	(3)
			Same as:		
ANTHRO 2	Cultural Anthropology	(5)	ANTHR 2	Cultural Anthropology	(3)
	<u>OR</u>			<u>OR</u>	
SOCIOL 1	Intro Sociology	(5)	SOCIL 1	Introduction to Sociology	(3)
	<u>OR</u>			<u>OR</u>	
SOCIOL 3	Social Problems	(4)	SOCIL 2	Social Problems	(3)
CM&RGDE 1	The Community	(4)	NO COMPARABLE COURSE		
CM&RGDE 2	Ethnicity Amer Comm	(4)	NO COMPARABLE COURSE		

TRACK III: ECONOMICS AND POLICY

MATH 16A	Short Calculus	(3)	MATH 1A	Single Variable Calculus I - Early Transcendentals	(4)
			<u>OR</u>		
			MATH 9	Calculus for Business, Social and Life Science	(4)
MATH 16B	Short Calculus	(3)	MATH 1B	Single Variable Calculus II - Early Transcendentals	(4)
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE		
	<u>OR</u>			<u>OR</u>	
STATIST 13	Elementary Statistics	(4)	STAT 1	Introduction to	(4)

Same as: STATIST 13Y			Statistical Methods		
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
BIOLSCI 10	Everyday Biology	(4)	BIOL 10L	General Biology	(4)
			<u>OR</u>		
			BIOL 15	Bioscience	(4)
PL SCI 2	Bot Physio Cul Plt	(4)	PLSCI 20	Principles of Plant Science	(3)
			<u>OR</u>		
			PLSCI 20L	Principles of Plant Science	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1 & 2	Principles of Biology	(5)
			BIOL 3	General Zoology	(4)
				General Botany	(4)
	<u>OR</u>		<u>OR</u>		
ENV S&P 1	Env Analysis	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	<u>OR</u>		<u>OR</u>		
ENV S&P 30	Global Ecosystem	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	Same as: ENV SC&M 30		<u>OR</u>		
W&F BIO 10	Wildl Ecol Conserve	(4)	NO COMPARABLE COURSE		
	<u>OR</u>		<u>OR</u>		
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)	PLSCI 22	Introduction to Soils	(3)
			<u>OR</u>		
			PLSCI 22L	Introduction to Soils	(4)
ECON 1A	Princ of Microecon	(4)	ECON 1B	Elementary Economics - Micro	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 1A	Elementary Economics - Macro	(3)
POL SCI 4	Bas Cnpt/Pol Thry	(4)	POLSC 6	Political Philosophy	(3)
			Same as:		
			<u>OR</u>		
			PHIL 6	Political Philosophy	(3)
			Same as:		
ANTHRO 2	Cultural Anthropology	(5)	ANTHR 2	Cultural Anthropology	(3)
	<u>OR</u>		<u>OR</u>		
SOCIOL 1	Intro Sociology	(5)	SOCIL 1	Introduction to Sociology	(3)
	<u>OR</u>		<u>OR</u>		
SOCIOL 3	Social Problems	(4)	SOCIL 2	Social Problems	(3)
CM&RGDE 1	The Community	(4)	NO COMPARABLE COURSE		
PHILOS 14	Eth Soc Prob in Soc	(4)	NO COMPARABLE COURSE		
	<u>OR</u>		<u>OR</u>		
PHILOS 15	Intro to Bioethics	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	<u>OR</u>		<u>OR</u>		
PHILOS 24	Intro to Ethics	(4)	PHIL 2	Ethics	(3)

END OF MAJOR

====Sustainable Environmental Design B.S.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College of Agricultural and Environmental Sciences (A&ES) General Education (GE) English Composition Requirement for the Bachelor's Degree:

The College of A&ES English Composition requirement for the Bachelor's degree is an element of the UC Davis General Education (GE) pattern. This GE requirement may be satisfied by completing either two courses emphasizing written expression OR one course emphasizing written expression and one course emphasizing oral expression, with a grade of C- (or P) or better. The following UC Davis lower-division courses are among those that have been approved to satisfy this requirement: English 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (emphasis in either writing or speaking skills). The English Composition requirement may also be met by achieving a score of 4 or 5 on the Advanced Placement (AP) English examination PLUS completing any previously listed course, EXCEPT English 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC transfer students who have successfully completed the IGETC lower-division coursework are exempt from all GE requirements that may be met with lower-division courses. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

You should also be aware, however, that the University requires two courses in

English composition to be completed with C grades or higher for transfer admission. See the [UC Transfer Admission website](#). The courses used for the A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies 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)		SPECH 1	Public Speaking	(3)
<hr/>						
ENGLISH 3	Intro to Lit	(4)		ENGL 1B	Critical Thinking/Writing About Literature	(3)
	OR				OR	
UWRITING 1	Expository Writing	(4)		ENGL 1A	College Composition and Reading	(4)
	OR				OR	
UWRITING 48	Style in the Essay	(4)		ENGL 1C	Critical Thinking/Advanced Composition	(3)
	Formerly UWRITING 18					
	OR				OR	
UWRITING 49	Writing Research Papers	(4)		NO COMPARABLE COURSE		
	Formerly UWRITING 19					
<hr/>						
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL 1 &	Principles of Biology	(5)
				BIOL 2 &	General Zoology	(4)
				BIOL 3	General Botany	(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 COURSE ARTICULATED: College has not submitted course(s) for articulation
LND ARC 3	Sustainable Development	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
LND ARC 21	Landscape Rep I	(4)		NO COMPARABLE COURSE
	Formerly Design Visualization			
LND ARC 30	History Environ Design	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
LND ARC 50	Site Ecology	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
LND ARC 70	Intro to Spacemaking	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation

AND ONE COURSE IN A PHYSICAL SCIENCE

END OF MAJOR

====Textiles and Clothing B.S. (Marketing/Economics)====

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

The undergraduate major Textiles and Clothing in the College of Agricultural and Environmental Sciences is suspended for 2019-20, and fall 2019 TAGs will not be

available.

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is highly recommended that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. See the [UC Transfer Admission website](#) 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)	COMSC 6	BASIC Language Programming	(3)
	OR			OR	
ENG CS 36A	Programming	(4)	COMSC 9A	C++ Programming	(4)
Formerly ENG CS 30			OR		
			COMSC 12	JAVA 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 1B	Elementary Economics - Micro	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 1A	Elementary Economics - Macro	(3)

4 QUARTER UNITS FROM THE FOLLOWING:

ANTHRO 2	Cultural Anthropology	(5)	ANTHR 2	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 1A	History of Art- I	(3)
	OR			OR	
ARTHI 1B	Mediev&Renaiss Art	(4)	ART 1B	History of Art- II	(3)
	OR			OR	
ARTHI 1C	Baroque to Modern Art	(4)	ART 1C	History of Art	(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 COURSE ARTICULATED: College has not submitted course(s) for articulation		
PSYCH 1	General Psychology	(4)	PSYCH 1A	General Psychology	(3)

SOCIOL 2	Self and Society	(4)	NO COMPARABLE COURSE	
STATIST 13	Elementary Statistics	(4)	STAT 1	Introduction to Statistical Methods (4)
Same as: STATIST 13Y				
TEX&CL 6	Intro Textiles	(4)	NO COMPARABLE COURSE	
TEX&CL 7	Style & Cult Std	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
TEX&CL 8	Textile Apparel Ind	(4)	NO COMPARABLE COURSE	
MGMT 11A	Elem Accounting	(4)	NO COURSE ARTICULATED	
MGMT 11B	Elem Accounting	(4)	ACCT 2L	Principles of Accounting - Managerial (5)
CHEM 10	Concept of Chem	(4)	CHEM 10	Concepts of Chemistry (3)
	OR			OR
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry (5)
MATH 16A	Short Calculus	(3)	MATH 1A	Single Variable Calculus I - Early Transcendentals (4)
			OR	
			MATH 9	Calculus for Business, Social and Life Science (4)
MATH 16B	Short Calculus	(3)	MATH 1B	Single Variable Calculus II - Early Transcendentals (4)

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 1B	Single Variable Calculus II - Early Transcendentals (4)

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			
B) ENG CS 15	Intro to Computers	(4)	COMSC 6	BASIC Language Programming (3)
	OR			
ENG CS 36A	Programming	(4)	COMSC 9A	C++ Programming (4)
Formerly ENG CS 30			OR	
			COMSC 12	JAVA 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 1B	Elementary Economics - Micro (3)
ECON 1B	Princ of Macroecon	(4)	ECON 1A	Elementary Economics - Macro (3)

4 QUARTER UNITS FROM THE FOLLOWING:

ANTHRO 2	Cultural Anthropology	(5)	ANTHR 2	Cultural Anthropology (3)
	OR			
SCI&SOC 1	Critical Inquiry into Contemporary Issues	(4)	NO COMPARABLE COURSE	
	OR			
ARTHI 1A	Ancient Mediterranean Art	(4)	ART 1A	History of Art- I (3)
	OR			
ARTHI 1B	Mediev&Renaiss Art	(4)	ART 1B	History of Art- II (3)
	OR			
ARTHI 1C	Baroque to Modern Art	(4)	ART 1C	History of Art (3)
	OR			
ARTHI 1D	Arts of Asia	(4)	NO COMPARABLE COURSE	

ALL OF THE FOLLOWING COURSES:

PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE	
	OR			
PHYSICS 10	Topics, Nonscientists	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	

PSYCH 1	General Psychology	(4)	PSYCH 1A	General Psychology (3)
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SOCIOL 2	Self and Society	(4)	NO COMPARABLE COURSE	
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STATIST 13	Elementary Statistics	(4)	STAT 1	Introduction to Statistical Methods (4)
Same as: STATIST 13Y				

TEX&CL 6	Intro Textiles	(4)	NO COMPARABLE COURSE	
TEX&CL 7	Style & Cult Std	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
TEX&CL 8	Textile Apparel Ind	(4)	NO COMPARABLE COURSE	

CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry (5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry (5)
			CHEM 1B	General Chemistry (5)

CHEM 8A	Organic Chem-Brief	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHEM 8B	Organic Chem-Brief	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

MATH 16A	Short Calculus	(3)	MATH 1A	Single Variable Calculus I - Early Transcendentals	(4)
			<u>OR</u>		
			MATH 9	Calculus for Business, Social and Life Science	(4)

RESTRICTED ELECTIVES (16 QUARTER UNITS):

AGRESEC 18	Business Law	(4)	NO COMPARABLE COURSE	
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry (5)
CHEM 128A	Organic Chemistry	(3)	CHEM 18A	Organic Chemistry for Health and Life Sciences (4)
CHEM 128B	Organic Chemistry	(3)	CHEM 18A &	Organic Chemistry for Health and Life Sciences (4)
			CHEM 18B	Organic Chemistry for Health and Life Sciences (4)
CHEM 128C	Organic Chemistry	(3)	CHEM 18B	Organic Chemistry for Health and Life Sciences (4)
DESIGN 77	Intro to Fashion Design	(4)	NO COMPARABLE COURSE	
MGMT 11A	Elem Accounting	(4)	NO COURSE ARTICULATED	
MGMT 11B	Elem Accounting	(4)	ACCT 2L	Principles of Accounting - Managerial (5)
MATH 16B	Short Calculus	(3)	MATH 1B	Single Variable Calculus II - Early Transcendentals (4)
MATH 16C	Short Calculus	(3)	MATH 1B	Single Variable Calculus II - Early Transcendentals (4)
SOCIOL 25	Popular Culture	(4)	NO COMPARABLE COURSE	

Foreign language units may be used to satisfy any or all of the required 16 units.

END OF MAJOR

B) UCD ENG CS 15 not intended for Computer Science or Computer Science Engineering majors. Only two units of credit allowed to students who have completed PLT SCI 21.

====Theatre and Dance A.B.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation.

Transfer students must also meet UC transfer admission requirements. For details, see the UC Davis [transfer admission webpage](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration, it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

All students completing a major in theatre and dance must participate in dramatic productions, including work in at least two of the following three areas: acting/dance; design (scenic, costume, lighting, painting, props, sound); directing/playwriting/stage management and crew assignments. Transfer students should see the major advisor at UC Davis for an evaluation of their previous experience.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

NOTE: Lower-division preparation for the Honors A.B. major in Theatre and Dance is the same as that below.

ONE COURSE FROM THE FOLLOWING:

DRAMART 21A	Fundamentals of Act	(4)	NO COMPARABLE COURSE
DRAMART 40A	Beg Modern Dance	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
DRAMART 40B	Int Modern Dance	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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

DRAMART 56A	Hist Theatre Dance I	(4)	submitted course(s)for articulation NO COURSE ARTICULATED: College has not
DRAMART 56B	Hist Theatre Dance II	(4)	submitted course(s)for articulation NO COURSE ARTICULATED: College has not
DRAMART 56C	Hist Theatre Dance III	(4)	submitted course(s)for articulation NO COURSE ARTICULATED: College has not

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.

Earth						
OR				OR		
PL SCI 2	Bot Physio Cul Plt	(4)	PLSCI 20	Principles of Plant Science	(3)	
			OR			
			PLSCI 20L	Principles of Plant Science	(4)	
<hr/>						
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)	
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)	
			CHEM 1B	General Chemistry	(5)	
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)	
<hr/>						
CHEM 8A	Organic Chem-Brief	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation			
CHEM 8B	Organic Chem-Brief	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation			
<hr/>						
PL SCI 21	Computers in Technology	(3)	NO COMPARABLE COURSE			

OR EQUIVALENT AND advisor APPROVAL

<hr/>					
MATH 16A	Short Calculus	(3)	MATH 1A	Single Variable Calculus I - Early Transcendentals	(4)
			OR		
			MATH 9	Calculus for Business, Social and Life Science	(4)
MATH 16B	Short Calculus	(3)	MATH 1B	Single Variable Calculus II - Early Transcendentals	(4)
<hr/>					
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)	PHYS 2A &	General Physics	(3)
			PHYS 3A &	General Physics Laboratory	(1)
			PHYS 2B &	General Physics	(3)
			PHYS 3B	General Physics Laboratory	(1)

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.

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CCC transfer students who have successfully completed the IGETC lower-division coursework are exempt from all GE requirements that may be met with lower-division courses. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer admission. See the [UC Transfer Admission website](#). The courses used for the A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

UWRITING 1	Expository Writing	(4)	ENGL 1A	College Composition and Reading	(4)
	AND			AND	
COMUNCN 1	Intro Public Spkg	(4)	SPECH 1	Public Speaking	(3)
	OR			OR	
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	SPECH 7	Interpersonal Communication	(3)
	OR			OR	
DRAMART 10	Intro To Acting	(4)	THART 11A	Introduction to Acting	(3)
			OR		
			THART 11B	Introduction to Acting	(3)

Note: Completing UWP 1 and Communication 1 will simultaneously satisfy the College requirements.

BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 1	Principles of Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1 & BIOL 2	Principles of Biology	(5)
			BIOL 3	General Zoology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 2 & BIOL 3	General Botany	(4)
				General Zoology	(4)
				General Botany	(4)

CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A & CHEM 1B	General Chemistry	(5)
				General Chemistry	(5)
CHEM 8A	Organic Chem-Brief	(2)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
CHEM 8B	Organic Chem-Brief	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	

MATH 16A	Short Calculus	(3)	MATH 1A	Single Variable Calculus I - Early Transcendentals	(4)
			OR		
			MATH 9	Calculus for Business, Social and Life Science	(4)
MATH 16B	Short Calculus	(3)	MATH 1B	Single Variable Calculus II - Early Transcendentals	(4)

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
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RECOMMENDED COURSES FOR THE WILDLIFE HEALTH AREA OF SPECIALIZATION:

CHEM 2C	Genl Chemistry	(5)		CHEM 1B	General Chemistry	(5)
CHEM 118A	Org Chem, Hlth & Sci	(4)		CHEM 18A	Organic Chemistry for Health and Life Sciences	(4)
CHEM 118B	Org Chem, Hlth & Sci	(4)		CHEM 18A &	Organic Chemistry for Health and Life Sciences	(4)
				CHEM 18B	Organic Chemistry for Health and Life Sciences	(4)
CHEM 118C	Org Chem, Hlth & Sci	(4)		CHEM 18B	Organic Chemistry for Health and Life Sciences	(4)
PHYSICS 7A	General Physics	(4)		PHYS 2A &	General Physics	(3)
				PHYS 3A &	General Physics Laboratory	(1)
				PHYS 2B &	General Physics	(3)
				PHYS 3B	General Physics Laboratory	(1)
PHYSICS 7B	General Physics	(4)		PHYS 2A &	General Physics	(3)
				PHYS 3A &	General Physics Laboratory	(1)
				PHYS 2B &	General Physics	(3)
				PHYS 3B	General Physics Laboratory	(1)
PHYSICS 7C	General Physics	(4)		PHYS 2A &	General Physics	(3)
				PHYS 3A &	General Physics Laboratory	(1)
				PHYS 2B &	General Physics	(3)
				PHYS 3B	General Physics Laboratory	(1)

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 1A	Single Variable Calculus I - Early Transcendentals	(4)
MATH 21B	Calculus	(4)		MATH 1B	Single Variable Calculus II - Early Transcendentals	(4)
MATH 21C	Calculus	(4)		MATH 1C	Multivariable Calculus	(4)
MATH 21D	Vector Analysis	(4)		MATH 1C	Multivariable Calculus	(4)

MATH 22A	Linear Algebra	(3)	MATH 3	Linear Algebra	(3)
MATH 22B	Differntl Equations	(3)	MATH 2	Ordinary Differential Equations	(3)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A & CHEM 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
CHEM 8A	Organic Chem-Brief	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 8B	Organic Chem-Brief	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 18A	Organic Chemistry for Health and Life Sciences	(4)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 18A & CHEM 18B	Organic Chemistry for Health and Life Sciences	(4)
CHEM 128A	Organic Chemistry	(3)	CHEM 18A	Organic Chemistry for Health and Life Sciences	(4)
CHEM 128B	Organic Chemistry	(3)	CHEM 18A & CHEM 18B	Organic Chemistry for Health and Life Sciences	(4)
CHEM 129A	Organic Chem Lab	(2)	CHEM 18A	Organic Chemistry for Health and Life Sciences	(4)
f) PHYSICS 9A	Classical Physics	(5)	PHYS 4A & PHYS 4B & PHYS 4C	Mechanics Electromagnetism Thermodynamics, Light and Modern Physics	(4) (4) (4)
f) PHYSICS 9B	Classical Physics	(5)	PHYS 4A & PHYS 4B & PHYS 4C	Mechanics Electromagnetism Thermodynamics, Light and Modern Physics	(4) (4) (4)
f) PHYSICS 9C	Classical Physics	(5)	PHYS 4A & PHYS 4B & PHYS 4C	Mechanics Electromagnetism Thermodynamics, Light and Modern Physics	(4) (4) (4)
PHYSICS 9D	Modern Physics	(4)	NO COMPARABLE COURSE		
BIMEDEN 20	Fundamentals of Bioengineering	(4)	NO COMPARABLE COURSE		

ENGIN 4	Graphics in Design	(3)	ENGR 4	Engineering Graphics and Design	(3)
ENGIN 6	Engr Prob Solving	(4)	NO COMPARABLE COURSE		
ENGIN 17	Circuits I	(4)	ENGR 17 & ENGR 17L	Circuits for Engineers Circuits Laboratory for Engineers	(3) (1)
ENGIN 35	Statics	(4)	ENGR 35	Statics	(3)
ENGIN 45	Prop of Mats	(4)	ENGR 45	Properties of Materials	(4)
ENG CS 20	C Sci/Discrete Math	(4)	NO COMPARABLE COURSE		
ENG CS 36A	Programming Formerly ENG CS 30	(4)	COMSC 9A <u>OR</u> COMSC 12	C++ Programming JAVA Programming	(4) (3)
ENG CS 36B	Object-Oriented Program Formerly ENG CS 40	(4)	COMSC 11	Advanced C++ Programming	(3)
ENG CS 50	Machine Dependent Prog	(4)	COMSC 2	Computer Assembly Language	(3)
ENG CS 36C	Data Structures Formerly ENG CS 60	(4)	COMSC 9B	Data Structures	(4)
ENG BS 1	Biosys Engr Fndts	(4)	NO COMPARABLE COURSE		
ENG BS 75	Prop Mat in Bio Sys	(4)	NO COMPARABLE COURSE		
ENG MEC 50	Mfg Processes	(4)	NO COMPARABLE COURSE		
ENG CHM 51	Material Balances	(4)	NO COMPARABLE COURSE		
ENG CHM 60	Engineering Problem Solv	(4)	NO COURSE ARTICULATED		
ENG CHM 80	Chem Engr Profession	(1)	NO COMPARABLE COURSE		
ENG E&C 7	Prog & Microcontrollers	(4)	NO COURSE ARTICULATED		
UWRITING 1	Expository Writing	(4)	ENGL 1A	College Composition and Reading	(4)
COMUNCN 1	Intro Public Spkg	(4)	SPECH 1	Public Speaking	(3)
ENGLISH 3	Intro to Lit	(4)	ENGL 1B	Critical Thinking/Writing About Literature	(3)
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	SPECH 7	Interpersonal Communication	(3)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1	Principles of Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1 & BIOL 2 &	Principles of Biology General Zoology	(5) (4)

			BIOL 3	General Botany	(4)
BIOLSCI 2C	Intro Biology:	(5)	BIOL 2 <u>&</u>	General Zoology	(4)
	Biodiversity & the Tree		BIOL 3	General Botany	(4)
	of Life				
g) GEOLOGY 50	Physical Geology	(3)	GEOL 10	Introduction to	(3)
h)				Geology	
			<u>OR</u>		
			GEOL 10L	Physical Geology	(4)
ATM SCI 60	Intro to Atmospheric	(4)	NO COMPARABLE COURSE		
	Science				

END OF MAJOR

- f) This articulation is "series for series" only.
- g) If a student takes GEOL 10 or 10L at Yuba College, credit will be given for UC Davis's GEOLOGY 1 or 50, not both. UC Transfer Course Agreement states: GEOL 10 and 10L combined - maximum credit, one course (per catalog).
- h) These courses are not strictly comparable with UC Davis courses but will fulfill the introductory physical geology requirement for the geology major at UC Davis.