

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

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

Special Advising Note:

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

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

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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ONE COURSE FROM THE FOLLOWING:

AF-AMST 10	Af-Am Culture & Soc	(4)		BLST 103	African-American Culture	(3)
AF-AMST 12	Intro Afro Studies	(4)		NO COMPARABLE COURSE		

ONE COURSE FROM THE FOLLOWING:

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

ONE COURSE FROM THE FOLLOWING:

ANTHRO 2	Cultural Anthropology	(5)		ANTH 103	Introduction to Cultural Anthropology	(3)
ECON 1A	Princ of Microecon	(4)		ECON 101	Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)		ECON 102	Macroeconomics	(3)
SOCIOL 1	Intro Sociology	(5)		SOC 101	Introduction to Sociology	(3)
POL SCI 1	Amer Natl Govt	(4)		POLS 101	American Government and Politics	(3)
POL SCI 2	Intro Comp Politics	(4)		POLS 131	Comparative Politics	(3)
PSYCH 1	General Psychology	(4)		PSY 100	General Psychology	(3)
				OR		
				PSY 100H	General Psychology, Honors	(4)

ONE COURSE FROM THE FOLLOWING:

CHICANO 10	Intro to Chic Std	(4)		CHST 102	The Chicano and Latino in U.S. History from	(3)
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the 1960s to the Present

OR

N A STD 1	Intro NA Studies	(4)	CHST 103	Mexican-American (Chicano) Culture	(3)
N A STD 10	NA Experience	(4)	NATA 101	American Indian: Past and Present	(3)
AMR STD 10	Intro American Studies	(4)	NATA 103	Native American Cultural Heritage	(3)
A A STD 1	Hist Exp Asian Am	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
A A STD 2	Contemp Issues of Asian Americans	(4)	ASAM 101	Comparative Asian-American History, 1849 to 1965	(3)
WOM STD 50	Intro Gender Studies	(4)	ASAM 102	Contemporary Asian-American History	(3)
			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 101	History of the U.S. to 1877	(3)
HISTORY 17B	U.S. History	(4)	HIST 102	History of the U.S. since 1865	(3)
			OR		
			HIST 102H	History of the United States since 1865, Honors	(4)

4 QUARTER UNITS FROM THE FOLLOWING:

AF-AMST 16	African Verbal Arts	(4)	NO COMPARABLE COURSE		
AF-AMST 51	History Af-Amr Dance	(4)	NO COMPARABLE COURSE		
DRAMART 41A	Beg Jazz Dance	(2)	NO COMPARABLE COURSE		
DRAMART 41B	Inter Jazz Dance	(2)	NO COMPARABLE COURSE		
DRAMART 44A	Beg Hip Hop Dance	(2-4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
DRAMART 44B	Inter Hip Hop Dance	(2-4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
MUSIC 28	Introduction to African American Music	(4)	BLST 111	The African-American Music Experience	(3)

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 101	History of the U.S. to 1877	(3)
	OR			OR	
POL SCI 1	Amer Natl Govt	(4)	POLS 101	American Government and Politics	(3)

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

AN SCI 1	Domest Ani & People	(4)	NO COMPARABLE COURSE		
AN SCI 2	Intro Animal Sci	(4)	NO COMPARABLE COURSE		
AN SCI 21	Livestock&Dairy Jdg	(2)	NO COMPARABLE COURSE		
AN SCI 41	Domestic Ani Prod	(2)	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 101	Microeconomics	(3)
	OR			OR	
ECON 1B	Princ of Macroecon	(4)	ECON 102	Macroeconomics	(3)

ENVHORT 1	Intro Envhort/Urb For	(3)	EH 101	Plant Identification and Culture	(3)
ENVHORT 6	Intro Environ Plants	(4)	BOT 122	Flowering Plant Identification	(3)
PL SCI 5	Plants Gard, Orch & Land	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

FORMERLY PLANT BIO 1

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

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

ALL OF THE FOLLOWING COURSES:

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 103	Cell Biology	(5.5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 101 &	Plant Biology	(4)
			BIOL 102	Animal Biology	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM 155	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 155 &	General Chemistry I	(5)
			CHEM 156	General Chemistry II	(5)

m) GEOLOGY 1	The Earth	(4)	ERTH 111	Dynamic Earth-Physical Geology	(3)
GEOLOGY 20	California Geology	(2)	ERTH 114	The Geology of California	(3)
SOILSCI 10	Soils in Our Environment	(3)	NO COMPARABLE COURSE		

MATH 16A	Short Calculus	(3)	MATH 130	Calculus for Biological Sciences, Social Sciences and Business I	(5)
			<u>OR</u>		
			MATH 150	Calculus with Analytic Geometry I	(5)
MATH 16B	Short Calculus	(3)	MATH 131	Calculus for Biological Sciences, Social Sciences and Business II	(3)
			<u>OR</u>		
			MATH 160	Calculus with Analytic Geometry II	(5)
	<u>OR</u>		<u>OR</u>		
MATH 17A	Calculus for BioSci	(4)	MATH 130	Calculus for Biological Sciences, Social Sciences and Business I	(5)
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
	<u>OR</u>		<u>OR</u>		
MATH 21A	Calculus	(4)	MATH 150	Calculus with Analytic Geometry I	(5)
MATH 21B	Calculus	(4)	MATH 160	Calculus with Analytic Geometry II	(5)

PHYSICS 7A	General Physics	(4)	PHYS 105	& General Physics	(4)
			PHYS 106	& General Physics	(4)
			<u>OR</u>		
			PHYS 110	& Introductory Physics	(4)
			PHYS 111	& Introductory Physics	(4)
PHYSICS 7B	General Physics	(4)	PHYS 105	& General Physics	(4)
			PHYS 106	& General Physics	(4)
			<u>OR</u>		
			PHYS 110	& Introductory Physics	(4)
			PHYS 111	& Introductory Physics	(4)

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

END OF MAJOR

m) If a student takes EARTH 111 at Santa Barbara City College, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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
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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)	BLST 103	African-American Culture	(3)
A A STD 1	Hist Exp Asian Am	(4)	ASAM 101	Comparative Asian-American History, 1849 to 1965	(3)
CHICANO 10	Intro to Chic Std	(4)	CHST 102	The Chicano and Latino in U.S. History from the 1960s to the Present	(3)
			<u>OR</u>		
N A STD 1	Intro NA Studies	(4)	CHST 103	Mexican-American (Chicano) Culture	(3)
			NATA 101	American Indian: Past and Present	(3)

ONE COURSE FROM THE FOLLOWING:

ANTHRO 2	Cultural Anthropology	(5)	ANTH 103	Introduction to Cultural Anthropology	(3)
SOCIOL 2	Self and Society	(4)	SOC 104	Social Psychology	(3)
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 101	History of the U.S. to 1877	(3)
HISTORY 17B	U.S. History	(4)	HIST 102	History of the U.S. since 1865	(3)
			<u>OR</u>		
			HIST 102H	History of the United States since 1865, Honors	(4)
e) HISTORY 72A	Am Women & Gender	(4)	HIST 110	History of American Women	(3)
e) HISTORY 72B	Am Women & Gender	(4)	HIST 110	History of American Women	(3)

ONE COURSE FROM THE FOLLOWING:

ENGLISH 3	Intro to Lit	(4)	ENG 111	Critical Thinking and Composition Through Literature	(3)
			<u>OR</u>		
			ENG 111H	Critical Thinking and Composition through Literature, Honors	(3)
n) ENGLISH 10A	Literatures in English I: To 1700	(4)	ENG 221	Survey of British Literature	(3)
n) ENGLISH 10B	Literatures in	(4)	ENG 221	Survey of British	(3)

o)	English II: 1700-1900		Literature	
			<u>OR</u>	
			ENG 222	Survey of British Literature (3)
			<u>OR</u>	
			ENG 225	American Literature (3)
o)	ENGLISH 10C		ENG 222	Survey of British Literature (3)
	Literatures in English III: 1900 to Present		<u>OR</u>	
			ENG 226	American Literature (3)
			<u>OR</u>	
			ENG 226H	American Literature, Honors (4)
FILM ST 1	Intro to Film Studies		NO COURSE ARTICULATED:	College has not submitted course(s) for articulation
	Formerly Humanities 10			
	END OF MAJOR			

- e) If a student takes HIST 110 at Santa Barbara City College, credit will be given for UC Davis's HISTORY 72A or 72B, not both.
- n) If a student takes ENGLISH 221 at Santa Barbara City College, credit will be given for UC Davis's ENGLISH 10A OR ENGLISH 10B, not both.
- o) If a student takes ENG 222 at Santa Barbara City College, credit will be given for UC Davis's ENGLISH 10B OR 10C, not both.

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

Special Advising Note:

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

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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Davis 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 103	Cell Biology	(5.5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 101 &	Plant Biology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 102	Animal Biology	(5)
			BIOL 101 &	Plant Biology	(4)
			BIOL 102	Animal Biology	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM 155	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 155 &	General Chemistry I	(5)
			CHEM 156	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 156	General Chemistry II	(5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM 211	Organic Chemistry I	(3)

CHEM 8B	Organic Chem-Brief OR	(4)	NO COMPARABLE COURSE	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 211 & CHEM 221	Organic Chemistry I (3) Organic Chemistry Laboratory I (2.3)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 211 & CHEM 221 & CHEM 212 & CHEM 222	Organic Chemistry I (3) Organic Chemistry Laboratory I (2.3) Organic Chemistry II (3) Organic Chemistry Laboratory II (2.5)
<hr/>				
MATH 16A	Short Calculus	(3)	MATH 130	Calculus for Biological Sciences, Social Sciences and Business I (5)
			OR	
			MATH 150	Calculus with Analytic Geometry I (5)
MATH 16B	Short Calculus	(3)	MATH 131	Calculus for Biological Sciences, Social Sciences and Business II (3)
			OR	
			MATH 160	Calculus with Analytic Geometry II (5)
MATH 16C	Short Calculus	(3)	MATH 131	Calculus for Biological Sciences, Social Sciences and Business II (3)
			OR	
			MATH 160	Calculus with Analytic Geometry II (5)
MATH 17A	OR Calculus for BioSci	(4)	MATH 130	Calculus for Biological Sciences, Social Sciences and Business I (5)
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE	
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE	
	OR		OR	
MATH 21A	Calculus	(4)	MATH 150	Calculus with Analytic Geometry I (5)
MATH 21B	Calculus	(4)	MATH 160	Calculus with Analytic Geometry II (5)
MATH 21C	Calculus	(4)	MATH 200	Multivariable Calculus (4)
<hr/>				
PHYSICS 7A	General Physics	(4)	PHYS 105 & PHYS 106	General Physics (4) General Physics (4)
			OR	
			PHYS 110 & PHYS 111	Introductory Physics (4) Introductory Physics (4)
PHYSICS 7B	General Physics	(4)	PHYS 105 & PHYS 106	General Physics (4) General Physics (4)
			OR	
			PHYS 110 & PHYS 111	Introductory Physics (4) Introductory Physics (4)
PHYSICS 7C	General Physics	(4)	PHYS 105 & PHYS 106	General Physics (4) General Physics (4)
			OR	
			PHYS 110 & PHYS 111	Introductory Physics (4) Introductory Physics (4)

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

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

STATIST 13	Elementary Statistics	(4)	MATH 117	Elementary Statistics	(4)
Same as: STATIST 13Y					
			<u>OR</u>		
			MATH 117H	Elementary Statistics, Honors	(4)
			<u>OR</u>		
			PSY 150	Statistics for the Behavioral Sciences	(4)

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

END OF MAJOR

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

Special Advising Note:

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

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

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Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

AN SCI 1	Domest Ani & People	(4)	NO COMPARABLE COURSE		
AN SCI 2	Intro Animal Sci	(4)	NO COMPARABLE COURSE		
<hr/>					
BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 103	Cell Biology	(5.5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 101 &	Plant Biology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 102	Animal Biology	(5)
			BIOL 101 &	Plant Biology	(4)
<hr/>					
			BIOL 102	Animal Biology	(5)
<hr/>					
CHEM 2A	Genl Chemistry	(5)	CHEM 155	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 155 &	General Chemistry I	(5)
			CHEM 156	General Chemistry II	(5)

CHEM 8A	Organic Chem-Brief	(2)	CHEM 211	Organic Chemistry I	(3)
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		

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

ECON 1A	Princ of Microecon	(4)	ECON 101	Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 102	Macroeconomics	(3)

MGMT 11A	Elem Accounting	(4)	ACCT 230	Financial Accounting	(5)
MGMT 11B	Elem Accounting	(4)	ACCT 240	Managerial Accounting	(4)

MATH 16A	Short Calculus	(3)	MATH 130	Calculus for Biological Sciences, Social Sciences and Business I	(5)
			OR		
			MATH 150	Calculus with Analytic Geometry I	(5)
MATH 16B	Short Calculus	(3)	MATH 131	Calculus for Biological Sciences, Social Sciences and Business II	(3)
			OR		
			MATH 160	Calculus with Analytic Geometry II	(5)
MATH 16C	Short Calculus	(3)	MATH 131	Calculus for Biological Sciences, Social Sciences and Business II	(3)
			OR		
			MATH 160	Calculus with Analytic Geometry II	(5)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	MATH 130	Calculus for Biological Sciences, Social Sciences and Business I	(5)
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 150	Calculus with Analytic Geometry I	(5)
MATH 21B	Calculus	(4)	MATH 160	Calculus with Analytic Geometry II	(5)
MATH 21C	Calculus	(4)	MATH 200	Multivariable Calculus	(4)

AREAS OF SPECIALIZATION:

AQUATIC ANIMALS SPECIALIZATION

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

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

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

|submitted course(s)for articulation

EQUINE SPECIALIZATION

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

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)|BLAW 110 Legal Environment of (4)
| Business

END OF MAJOR

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

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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AN SCI 1	Domest Ani & People	(4)		NO COMPARABLE COURSE	
AN SCI 2	Intro Animal Sci	(4)		NO COMPARABLE COURSE	
AN SCI 41	Domestic Ani Prod	(2)		NO COMPARABLE COURSE	
AN SCI 41L	Domest An Prod Lab	(2)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
<hr/>					
BIOLSCI 2A	Intro Biology: Life on Earth	(5)		BIOL 103	Cell Biology (5.5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL 101 &	Plant Biology (4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOL 102	Animal Biology (5)
				BIOL 101 &	Plant Biology (4)
				BIOL 102	Animal Biology (5)

CHEM 2A	Genl Chemistry	(5)	CHEM 155	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 155 &	General Chemistry I	(5)
			CHEM 156	General Chemistry II	(5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM 211	Organic Chemistry I	(3)
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
	OR			OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 211 &	Organic Chemistry I	(3)
			CHEM 221	Organic Chemistry	(2.3)
				Laboratory I	
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 211 &	Organic Chemistry I	(3)
			CHEM 221 &	Organic Chemistry	(2.3)
				Laboratory I	
			CHEM 212 &	Organic Chemistry II	(3)
			CHEM 222	Organic Chemistry	(2.5)
				Laboratory II	
MATH 16A	Short Calculus	(3)	MATH 130	Calculus for	(5)
				Biological Sciences,	
				Social Sciences and	
				Business I	
			OR		
			MATH 150	Calculus with Analytic	(5)
				Geometry I	
MATH 16B	Short Calculus	(3)	MATH 131	Calculus for	(3)
				Biological Sciences,	
				Social Sciences and	
				Business II	
			OR		
			MATH 160	Calculus with Analytic	(5)
				Geometry II	
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	MATH 130	Calculus for	(5)
				Biological Sciences,	
				Social Sciences and	
				Business I	
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 150	Calculus with Analytic	(5)
				Geometry I	
MATH 21B	Calculus	(4)	MATH 160	Calculus with Analytic	(5)
				Geometry II	

AREAS OF SPECIALIZATION:

AQUATIC ANIMALS

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

AVIAN SCIENCES

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

COMPANION AND CAPTIVE ANIMALS

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

EQUINE SCIENCE

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

LABORATORY ANIMALS

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

POULTRY

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

END OF MAJOR

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

Special Advising Note:

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

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

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College Foreign Language Requirement Note:

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

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

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EVOLUTIONARY EMPHASIS:

ANTHRO 1	Human Evol Biol	(4)		ANTH 101	Physical Anthropology	(3)
				<u>OR</u>		
				ANTH 101H	Physical Anthropology, Honors	(4)
ANTHRO 2	Cultural Anthropology	(5)		ANTH 103	Introduction to Cultural Anthropology	(3)
f) ANTHRO 3	Intr to Archaeology	(4)		ANTH 102	Introduction to Archaeology	(3)

ONE COURSE FROM THE FOLLOWING:

ANTHRO 15	Human Life Cycle	(5)		NO COMPARABLE COURSE		
f) ANTHRO 23	Intr World Prehist	(4)		ANTH 102	Introduction to Archaeology	(3)
ANTHRO 24	Ancient Crops and People	(4)		NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
ANTHRO 50	Evolution and Human Nature	(4)		NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
ANTHRO 54	Intro to Primatology	(4)		NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	

ONE COURSE FROM THE FOLLOWING:

ANTHRO 13	Sci Method in Physical Anthropology	(4)		NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
SOCIOL 46B	Intro Social Rsch	(5)		NO COMPARABLE COURSE		
STATIST 13	Elementary Statistics	(4)		MATH 117	Elementary Statistics	(4)
Same as: STATIST 13Y				<u>OR</u>		
				MATH 117H	Elementary Statistics, Honors	(4)
				<u>OR</u>		
				PSY 150	Statistics for the Behavioral Sciences	(4)
STATIST 32	Gateway to Data Science	(4)		NO COMPARABLE COURSE		

SOCIOCULTURAL EMPHASIS:

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

ANTHRO 1	Human Evol Biol	(4)		ANTH 101	Physical Anthropology	(3)
				<u>OR</u>		
				ANTH 101H	Physical Anthropology, Honors	(4)
f) ANTHRO 3	Intr to Archaeology	(4)		ANTH 102	Introduction to Archaeology	(3)
ANTHRO 4	Anthro Linguistics	(4)		ANTH 104	Language and Culture	(3)

SELECT ONE OF THE FOLLOWING TWO OPTIONS:

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

2) Two courses from the following list:

ANTHRO 20	Comparative Cultures	(4)		ANTH 109	Comparative World	(3)
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				Cultures
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

f) **If a student takes ANTH 102 at Santa Barbara City College, credit will be given for UC Davis's ANTHRO 3 or 23, not both.**

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

Special Advising Note:

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ANTHRO 1	Human Evol Biol	(4)		ANTH 101	Physical Anthropology (3)
				<u>OR</u>	
				ANTH 101H	Physical Anthropology, Honors (4)

ANTHRO 2	Cultural Anthropology	(5)	ANTH 103	Introduction to Cultural Anthropology	(3)
f) ANTHRO 3	Intr to Archaeology	(4)	ANTH 102	Introduction to Archaeology	(3)

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 103	Cell Biology	(5.5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 101 &	Plant Biology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 102	Animal Biology	(5)
			BIOL 101 &	Plant Biology	(4)
			BIOL 102	Animal Biology	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 155	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 155 &	General Chemistry I	(5)
			CHEM 156	General Chemistry II	(5)

CHEM 8A	Organic Chem-Brief	(2)	CHEM 211	Organic Chemistry I	(3)
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
	OR			OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 211 &	Organic Chemistry I	(3)
			CHEM 221	Organic Chemistry Laboratory I	(2.3)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 211 &	Organic Chemistry I	(3)
			CHEM 221 &	Organic Chemistry Laboratory I	(2.3)
			CHEM 212 &	Organic Chemistry II	(3)
			CHEM 222	Organic Chemistry Laboratory II	(2.5)

MATH 16A	Short Calculus	(3)	MATH 130	Calculus for Biological Sciences, Social Sciences and Business I	(5)
			OR		
			MATH 150	Calculus with Analytic Geometry I	(5)
MATH 16B	Short Calculus	(3)	MATH 131	Calculus for Biological Sciences, Social Sciences and Business II	(3)
			OR		
			MATH 160	Calculus with Analytic Geometry II	(5)
MATH 16C	Short Calculus	(3)	MATH 131	Calculus for Biological Sciences, Social Sciences and Business II	(3)
			OR		
			MATH 160	Calculus with Analytic Geometry II	(5)
	OR		OR		
MATH 17A	Calculus for BioSci	(4)	MATH 130	Calculus for Biological Sciences, Social Sciences and Business I	(5)
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
	OR		OR		
MATH 21A	Calculus	(4)	MATH 150	Calculus with Analytic Geometry I	(5)

MATH 21B	Calculus	(4)	MATH 160	Calculus with Analytic Geometry II	(5)
MATH 21C	Calculus	(4)	MATH 200	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)	MATH 117	Elementary Statistics	(4)
Same as: STATIST 13Y					
OR					
			MATH 117H	Elementary Statistics, Honors	(4)
OR					
			PSY 150	Statistics for the Behavioral Sciences	(4)
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		

END OF MAJOR

f) If a student takes ANTH 102 at Santa Barbara City College, credit will be given for UC Davis's ANTHRO 3 or 23, not both.

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

Recommended Language Preparation Note:

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

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

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

MATH 21A	Calculus	(4)	MATH 150	Calculus with Analytic Geometry I	(5)
MATH 21B	Calculus	(4)	MATH 160	Calculus with Analytic Geometry II	(5)
MATH 21C	Calculus	(4)	MATH 200	Multivariable Calculus	(4)
MATH 21D	Vector Analysis	(4)	MATH 200	Multivariable Calculus	(4)
MATH 22B	Differntl Equations	(3)	MATH 220	Differential Equations	(4)
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 210	Linear Algebra	(4)
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)	CS 101	Computer Concepts	(4)
Formerly ENG CS 10			OR		
ENGIN 6	Engr Prob Solving	(4)	CS 105	Theory and Practice I	(3)
			CS 133	Introduction to Programming for Engineers	(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.

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

BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 103	Cell Biology	(5.5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 101 &	Plant Biology	(4)
			BIOL 102	Animal Biology	(5)
OR			OR		
CHEM 2A	Genl Chemistry	(5)	CHEM 155	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 155 &	General Chemistry I	(5)
			CHEM 156	General Chemistry II	(5)
OR			OR		
ECON 1A	Princ of Microecon	(4)	ECON 101	Microeconomics	(3)

ECON 1B	Princ of Macroecon	(4)		ECON 102	Macroeconomics	(3)
	OR				OR	
PHYSICS 9A	Classical Physics	(5)		PHYS 121	Mechanics of Solids and Fluids	(5)
PHYSICS 9B	Classical Physics	(5)		PHYS 123	Heat, Light and Modern Physics	(5)
	OR				OR	
STATIST 32	Gateway to Data Science	(4)		NO COMPARABLE COURSE		
STATIST 100	Applied Stats for Bio Sci	(4)		This course must be taken at UC Davis		

OR

OTHER APPROVED APPLIED PREPARATORY COURSES

END OF MAJOR

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

Special Advising Note:

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

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

Special Advising Note for future applicants:*

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

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

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

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

*Information for future applicants is subject to change

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

PHYSICS 9A	Classical Physics	(5)	PHYS 121	Mechanics of Solids and Fluids	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS 123	Heat, Light and Modern Physics	(5)
PHYSICS 9C	Classical Physics	(5)	PHYS 122	Electricity and Magnetism	(5)
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 150	Calculus with Analytic Geometry I	(5)
MATH 21B	Calculus	(4)	MATH 160	Calculus with Analytic Geometry II	(5)
MATH 21C	Calculus	(4)	MATH 200	Multivariable Calculus	(4)
MATH 21D	Vector Analysis	(4)	MATH 200	Multivariable Calculus	(4)
MATH 22A	Linear Algebra	(3)	MATH 210	Linear Algebra	(4)
MATH 22B	Differntl Equations	(3)	MATH 220	Differential Equations	(4)

ATMOSPHERIC PHYSICS CONCENTRATION

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

CHEMICAL PHYSICS CONCENTRATION

CHEM 2A	Genl Chemistry	(5)	CHEM 155	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 155 &	General Chemistry I	(5)
			CHEM 156	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 156	General Chemistry II	(5)
PHYSICS 40	Intr Physics Computation	(4)	NO COURSE ARTICULATED		

COMPUTATIONAL PHYSICS CONCENTRATION

ENG CS 36A Programming (4) | CS 137 C Programming (3)

Formerly ENG CS 30				
ENG CS 36B Object-Oriented Program	(4)		CS 140 Object-Oriented	(4)
Formerly ENG CS 40			Programming Using C++	

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

GEOPHYSICS CONCENTRATION

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

MATERIALS SCIENCE CONCENTRATION

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

PHYSICAL ELECTRONICS CONCENTRATION

ENGIN 17	Circuits I	(4)		ENGR 117 & Electronic Circuits	(3)
				ENGR 117L Electronic Circuits	(1)
				Laboratory	
PHYSICS 40	Intr Physics Computation	(4)		NO COURSE ARTICULATED	
PHYSICS 80	Experimental Techniques	(4)		NO COURSE ARTICULATED	

PHYSICAL OCEANOGRAPHY CONCENTRATION

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

END OF MAJOR

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

Special Advising Note:

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

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

FOUR COURSES FROM THE FOLLOWING:

ARTHI 1A	Ancient Mediterranean Art	(4)	ART 103	History of Art, Prehistoric to Gothic	(3)
ARTHI 1B	Mediev&Renaiss Art	(4)	ART 103 &	History of Art, Prehistoric to Gothic	(3)
			ART 104	History of Art, Renaissance to Modern	(3)
			<u>OR</u>		
			ART 103 &	History of Art, Prehistoric to Gothic	(3)
			ART 104H	History of Art, Renaissance to Modern, Honors	(3)
ARTHI 1C	Baroque to Modern Art	(4)	ART 104	History of Art, Renaissance to Modern	(3)
			<u>OR</u>		
			ART 104H	History of Art, Renaissance to Modern, Honors	(3)
ARTHI 1D	Arts of Asia	(4)	ART 108	History of Asian Art	(3)
ARTHI 1E	Islamic Art & Architecture	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
ARTHI 5	Visual Culture	(4)	ART 101	Visual Literacy	(3)
ARTHI 25	Understanding Architecture	(4)	NO COURSE	ARTICULATED: College has not submitted course(s)for articulation	

ONE ART STUDIO COURSE FROM:

ART 2	Beginning Drawing	(4)	ART 120	Fundamentals of Drawing	(3)
			<u>OR</u>		
			ART 121	Intermediate Drawing	(3)
ART 5	Beginning Sculpture	(4)	ART 170	Introduction to Sculpture	(3)
ART 7	Beginning Painting	(4)	ART 130	Integrated Drawing and Painting	(3.3)
ART 8	Beginning Ceramic Sculpture	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
ART 9	Beginning Photography	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
ART 11	Beginning Printmaking	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
ART 12	Beginning Video	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
ART 24	Intro Experimental Video and Film	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

FOUR COURSES FROM THE FOLLOWING:

ART 2	Beginning Drawing	(4)		ART 120	Fundamentals of Drawing	(3)
				<u>OR</u>		
				ART 121	Intermediate Drawing	(3)
ART 5	Beginning Sculpture	(4)		ART 170	Introduction to Sculpture	(3)
ART 7	Beginning Painting	(4)		ART 130	Integrated Drawing and Painting	(3.3)
ART 8	Beginning Ceramic Sculpture	(4)		NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
ART 9	Beginning Photography	(4)		NO COURSE	ARTICULATED: College has not	

ART 11	Beginning Printmaking	(4)		submitted course(s) for articulation	
				NO COURSE ARTICULATED: College has not	
ART 12	Beginning Video	(4)		submitted course(s) for articulation	
				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)		ART 101	Visual Literacy (3)
ARTHI 1A	Ancient Mediterranean Art	(4)		ART 103	History of Art, (3)
					Prehistoric to Gothic
ARTHI 1B	Mediev&Renaiss Art	(4)		ART 103	& History of Art, (3)
					Prehistoric to Gothic
				ART 104	History of Art, (3)
					Renaissance to Modern
				<u>OR</u>	
				ART 103	& History of Art, (3)
					Prehistoric to Gothic
				ART 104H	History of Art, (3)
					Renaissance to Modern,
					Honors
ARTHI 1C	Baroque to Modern Art	(4)		ART 104	History of Art, (3)
					Renaissance to Modern
				<u>OR</u>	
				ART 104H	History of Art, (3)
					Renaissance to Modern,
					Honors
ARTHI 1D	Arts of Asia	(4)		ART 108	History of Asian Art (3)
ARTHI 1E	Islamic Art & Architecture	(4)		NO COURSE ARTICULATED: College has not	
				submitted course(s) for articulation	
ARTHI 5	Visual Culture	(4)		ART 101	Visual Literacy (3)
ARTHI 25	Understanding Architecture	(4)		NO COURSE ARTICULATED: College has not	
				submitted course(s)for articulation	

END OF MAJOR

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

Special Advising Note:

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

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

A A STD 1	Hist Exp Asian Am	(4)	ASAM 101	Comparative Asian-American History, 1849 to 1965	(3)
A A STD 2	Contemp Issues of Asian Americans	(4)	ASAM 102	Contemporary Asian-American History	(3)
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)	BLST 103	African-American Culture	(3)
AF-AMST 12	Intro Afro Studies	(4)	NO COMPARABLE COURSE		
AF-AMST 15	Intro Afro Amer Hum	(4)	NO COMPARABLE COURSE		
AF-AMST 16	African Verbal Arts	(4)	NO COMPARABLE COURSE		
AF-AMST 17	Women in Africa	(4)	NO COMPARABLE COURSE		
AF-AMST 18	Intro Caribbean Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
AF-AMST 50	Blk Images Pop Cult	(4)	NO COMPARABLE COURSE		
AF-AMST 51	History Af-Amr Dance	(4)	NO COMPARABLE COURSE		
AF-AMST 52	Afr Tradit Relig	(4)	NO COMPARABLE COURSE		
AF-AMST 80	Black Politics	(4)	NO COMPARABLE COURSE		
AMR STD 1A	Science and American Culture	(4)	NO COMPARABLE COURSE		
AMR STD 1B	Relig in Am Lives	(4)	NO COMPARABLE COURSE		
AMR STD 1C	American Lives	(4)	NO COMPARABLE COURSE		
AMR STD 1E	Nat&Cult Amr	(4)	NO COMPARABLE COURSE		
AMR STD 5	Tech in Amr Lives	(4)	NO COMPARABLE COURSE		
AMR STD 10	Intro American Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
AMR STD 21	Objects & Everyday Life	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
AMR STD 25	U.S. as Business Culture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
AMR STD 30	Amr Images Pop Cult	(4)	NO COMPARABLE COURSE		
AMR STD 55	Food in Amer Culture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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)	CHST 102 The Chicano and Latino (3) in U.S. History from the 1960s to the Present
			<u>OR</u>
			CHST 103 Mexican-American (3) (Chicano) Culture
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)	CHST 113 Introduction to (3) Chicano/Mexican-Americ an Literature
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)	CHST 131 History of Chicano Art (3)
CHICANO 73	Art Expr Silk Scr	(4)	NO COMPARABLE COURSE
N A STD 1	Intro NA Studies	(4)	NATA 101 American Indian: Past (3) and Present
N A STD 5	Intro NA Literature	(4)	NATA 113 The Indian in (3) Literature: Fact and Fiction
N A STD 7	Indig & Minority Langs	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
N A STD 10	NA Experience	(4)	NATA 103 Native American (3) Cultural Heritage
N A STD 12	Native Amer/Indigenous Film	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
N A STD 32	NA Music & Dance	(4)	NO COMPARABLE COURSE
N A STD 33	Intro NA Art	(4)	NATA 112 Native American Visual (3) and Musical Art
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)	ART 101 Visual Literacy (3)
ART 10	Fine Art Appreciation	(4)	ART 101 Visual Literacy (3)
ART 30	Contemp Vis Culture	(4)	ART 101 Visual Literacy (3)
CHICANO 23	Qualitative Research Methods	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ENGLISH 42	Approaches to Reading	(4)	NO COMPARABLE COURSE
d) PHILOS 5	Critical Reasoning	(4)	PHIL 205 Introduction to Logic (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)	PSY 200 Research Methods and (4)

SOCIOL 46A	Intro Social Rsch	(4)	SOC 115	Experimental Design in Psychology Introduction to Social Research	(3)
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE		
STATIST 13	Elementary Statistics	(4)	MATH 117	Elementary Statistics	(4)
Same as: STATIST 13Y					
			<u>OR</u>		
			MATH 117H	Elementary Statistics, Honors	(4)
			<u>OR</u>		
			PSY 150	Statistics for the Behavioral Sciences	(4)

END OF MAJOR

d) If a student takes PHIL 205 at Santa Barbara City College, credit will be given for UC Davis's PHILOS 5 or 12, not both.

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

PL SCI 2	Bot Physio Cul Plt	(4)		NO COMPARABLE COURSE	
<hr/>					
CHEM 2A	Genl Chemistry	(5)		CHEM 155	General Chemistry I (5)
CHEM 2B	Genl Chemistry	(5)		CHEM 155 &	General Chemistry I (5)
				CHEM 156	General Chemistry II (5)
<hr/>					
ENG CS 36A	Programming	(4)		CS 137	C Programming (3)
	Formerly ENG CS 30				

or a course selected with advisor's approval

MATH 21A	Calculus	(4)		MATH 150	Calculus with Analytic (5)
					Geometry I
MATH 21B	Calculus	(4)		MATH 160	Calculus with Analytic (5)
					Geometry II
MATH 21C	Calculus	(4)		MATH 200	Multivariable Calculus (4)
MATH 21D	Vector Analysis	(4)		MATH 200	Multivariable Calculus (4)
MATH 22A	Linear Algebra	(3)		MATH 210	Linear Algebra (4)
MATH 22B	Differntl Equations	(3)		MATH 220	Differential Equations (4)
<hr/>					
ATM SCI 60	Intro to Atmospheric Science	(4)		NO COMPARABLE COURSE	

PHYSICS 9A	Classical Physics	(5)	PHYS 121	Mechanics of Solids and Fluids	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS 123	Heat, Light and Modern Physics	(5)
PHYSICS 9C	Classical Physics	(5)	PHYS 122	Electricity and Magnetism	(5)

STATIST 13	Elementary Statistics	(4)	MATH 117	Elementary Statistics	(4)
	Same as: STATIST 13Y				
			<u>OR</u>		
			MATH 117H	Elementary Statistics, Honors	(4)
			<u>OR</u>		
			PSY 150	Statistics for the Behavioral Sciences	(4)

PREPARATION FOR GRADUATION:

ENGIN 6	Engr Prob Solving	(4)	CS 133	Introduction to Programming for Engineers	(3)

END OF MAJOR

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

Special Advising Note:

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

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

two or more courses from the group are completed at the time the application is submitted, the GPA for those courses combined must be a 3.20 or higher.

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

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

END OF MAJOR

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

Special Advising Note:

The following majors in the College of the Biological Sciences--biochemistry and molecular biology; biological sciences; cell biology; evolution, ecology, and biodiversity; genetics and genomics; marine and coastal science (marine ecology & organismal biology); microbiology; neurobiology, physiology, and behavior; and plant biology--are selective and require preparatory coursework for admission. Any required courses that are offered at your current campus must be completed

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

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

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 103	Cell Biology	(5.5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 101 &	Plant Biology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 102	Animal Biology	(5)
			BIOL 101 &	Plant Biology	(4)
			BIOL 102	Animal Biology	(5)
<hr/>					
CHEM 2A	Genl Chemistry	(5)	CHEM 155	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 155 &	General Chemistry I	(5)
			CHEM 156	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 156	General Chemistry II	(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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MATH 17A	Calculus for BioSci	(4)	MATH 130	Calculus for Biological Sciences, Social Sciences and Business I	(5)
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
				OR	
MATH 21A	Calculus	(4)	MATH 150	Calculus with Analytic Geometry I	(5)
MATH 21B	Calculus	(4)	MATH 160	Calculus with Analytic Geometry II	(5)
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PHYSICS 7A	General Physics	(4)	PHYS 105 &	General Physics	(4)
			PHYS 106	General Physics	(4)
			OR		
PHYSICS 7B	General Physics	(4)	PHYS 110 &	Introductory Physics	(4)
			PHYS 111	Introductory Physics	(4)
PHYSICS 7B	General Physics	(4)	PHYS 105 &	General Physics	(4)
			PHYS 106	General Physics	(4)
			OR		
PHYSICS 7C	General Physics	(4)	PHYS 110 &	Introductory Physics	(4)
			PHYS 111	Introductory Physics	(4)
PHYSICS 7C	General Physics	(4)	PHYS 105 &	General Physics	(4)
			PHYS 106	General Physics	(4)
			OR		
			PHYS 110 &	Introductory Physics	(4)
			PHYS 111	Introductory Physics	(4)

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

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

	OR			OR	
PHYSICS 9A	Classical Physics	(5)		PHYS 121	Mechanics of Solids and Fluids (5)
PHYSICS 9B	Classical Physics	(5)		PHYS 123	Heat, Light and Modern Physics (5)
PHYSICS 9C	Classical Physics	(5)		PHYS 122	Electricity and Magnetism (5)

CHEM 118A	Org Chem, Hlth & Sci	(4)		CHEM 211 & CHEM 221	Organic Chemistry I (3) Organic Chemistry Laboratory I (2.3)
CHEM 118B	Org Chem, Hlth & Sci	(4)		CHEM 211 & CHEM 221	Organic Chemistry I (3) Organic Chemistry Laboratory I (2.3)
				CHEM 212 & CHEM 222	Organic Chemistry II (3) Organic Chemistry Laboratory II (2.5)
CHEM 118C	Org Chem, Hlth & Sci	(4)		CHEM 212 & CHEM 222	Organic Chemistry II (3) Organic Chemistry Laboratory II (2.5)
	OR			OR	
CHEM 128A	Organic Chemistry	(3)		CHEM 211	Organic Chemistry I (3)
CHEM 128B	Organic Chemistry	(3)		CHEM 211 & CHEM 212	Organic Chemistry I (3) Organic Chemistry II (3)
CHEM 128C	Organic Chemistry	(3)		CHEM 212	Organic Chemistry II (3)
CHEM 129A	Organic Chem Lab	(2)		CHEM 221	Organic Chemistry Laboratory I (2.3)
CHEM 129B	Organic Chem Lab	(2)		CHEM 221 & CHEM 222	Organic Chemistry Laboratory I (2.3) Organic Chemistry Laboratory II (2.5)

RECOMMENDED:

MATH 21C	Calculus	(4)		MATH 200	Multivariable Calculus (4)
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END OF MAJOR

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

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.50 for each of the three course groups. It is recommended that candidates have

already achieved the minimum required GPAs for the courses in the groups below that have been completed by the time of application and maintain them through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

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

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

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

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

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

BIOLSCI 2A	Intro Biology: Life on Earth	(5)		BIOL 103	Cell Biology	(5.5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL 101 &	Plant Biology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOL 102	Animal Biology	(5)
				BIOL 101 &	Plant Biology	(4)
				BIOL 102	Animal Biology	(5)
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CHEM 2A	Genl Chemistry	(5)		CHEM 155	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 155 &	General Chemistry I	(5)
				CHEM 156	General Chemistry II	(5)
<hr/>						
CHEM 8A	Organic Chem-Brief	(2)		CHEM 211	Organic Chemistry I	(3)
CHEM 8B	Organic Chem-Brief	(4)		NO COMPARABLE COURSE		
OR						
CHEM 118A	Org Chem, Hlth & Sci	(4)		CHEM 211 &	Organic Chemistry I	(3)
				CHEM 221	Organic Chemistry Laboratory I	(2.3)
CHEM 118B	Org Chem, Hlth & Sci	(4)		CHEM 211 &	Organic Chemistry I	(3)
				CHEM 221 &	Organic Chemistry Laboratory I	(2.3)
				CHEM 212 &	Organic Chemistry II	(3)
				CHEM 222	Organic Chemistry Laboratory II	(2.5)
CHEM 118C	Org Chem, Hlth & Sci	(4)		CHEM 212 &	Organic Chemistry II	(3)
				CHEM 222	Organic Chemistry Laboratory II	(2.5)
<hr/>						
MATH 17A	Calculus for BioSci	(4)		MATH 130	Calculus for Biological Sciences, Social Sciences and Business I	(5)
MATH 17B	Calculus for Biosci	(4)		NO COMPARABLE COURSE		
OR						
MATH 21A	Calculus	(4)		MATH 150	Calculus with Analytic Geometry I	(5)
MATH 21B	Calculus	(4)		MATH 160	Calculus with Analytic Geometry II	(5)
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PHYSICS 1A	Principles Physics	(3)		PHYS 105 &	General Physics	(4)
				PHYS 106	General Physics	(4)
PHYSICS 1B	Principles Physics	(3)		PHYS 105 &	General Physics	(4)
				PHYS 106	General Physics	(4)

	OR			OR	
PHYSICS 7A	General Physics	(4)		PHYS 105 &	General Physics (4)
				PHYS 106	General Physics (4)
				OR	
				PHYS 110 &	Introductory Physics (4)
				PHYS 111	Introductory Physics (4)
PHYSICS 7B	General Physics	(4)		PHYS 105 &	General Physics (4)
				PHYS 106	General Physics (4)
				OR	
				PHYS 110 &	Introductory Physics (4)
				PHYS 111	Introductory Physics (4)
PHYSICS 7C	General Physics	(4)		PHYS 105 &	General Physics (4)
				PHYS 106	General Physics (4)
				OR	
				PHYS 110 &	Introductory Physics (4)
				PHYS 111	Introductory Physics (4)

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

RECOMMENDED COURSES FOR THIS MAJOR:

CHEM 2C	Genl Chemistry	(5)		CHEM 156	General Chemistry II (5)
MATH 17C	Calculus for BioSci	(4)		NO COMPARABLE COURSE	
	OR			OR	
MATH 21C	Calculus	(4)		MATH 200	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 103	Cell Biology	(5.5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 101 &	Plant Biology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 102	Animal Biology	(5)
			BIOL 101 &	Plant Biology	(4)
			BIOL 102	Animal Biology	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 155	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 155 &	General Chemistry I	(5)
			CHEM 156	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 156	General Chemistry II	(5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM 211	Organic Chemistry I	(3)
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
	OR			OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 211 &	Organic Chemistry I	(3)
			CHEM 221	Organic Chemistry	(2.3)
				Laboratory I	
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 211 &	Organic Chemistry I	(3)
			CHEM 221 &	Organic Chemistry	(2.3)
				Laboratory I	
			CHEM 212 &	Organic Chemistry II	(3)
			CHEM 222	Organic Chemistry	(2.5)
				Laboratory II	
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 212 &	Organic Chemistry II	(3)
			CHEM 222	Organic Chemistry	(2.5)
				Laboratory II	
MATH 17A	Calculus for BioSci	(4)	MATH 130	Calculus for	(5)
				Biological Sciences,	
				Social Sciences and	
				Business I	
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 150	Calculus with Analytic	(5)
				Geometry I	
MATH 21B	Calculus	(4)	MATH 160	Calculus with Analytic	(5)
				Geometry II	
PHYSICS 7A	General Physics	(4)	PHYS 105 &	General Physics	(4)
			PHYS 106	General Physics	(4)
			OR		
			PHYS 110 &	Introductory Physics	(4)
			PHYS 111	Introductory Physics	(4)
PHYSICS 7B	General Physics	(4)	PHYS 105 &	General Physics	(4)
			PHYS 106	General Physics	(4)
			OR		
			PHYS 110 &	Introductory Physics	(4)
			PHYS 111	Introductory Physics	(4)
PHYSICS 7C	General Physics	(4)	PHYS 105 &	General Physics	(4)
			PHYS 106	General Physics	(4)
			OR		
			PHYS 110 &	Introductory Physics	(4)
			PHYS 111	Introductory Physics	(4)

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

RECOMMENDED COURSES FOR THIS MAJOR:

MATH 21C	Calculus	(4)	MATH 200	Multivariable Calculus	(4)
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END OF MAJOR

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

Special Advising Note:

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit our website

for details regarding [UC Davis TAG](#).

General Education (GE) Note:

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

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

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

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

END OF MAJOR

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

Special Advising Note:

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

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

END OF MAJOR

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

Special Advising Note:

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

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

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

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

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

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

available from our TAG website.

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 103	Cell Biology	(5.5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 101 &	Plant Biology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 102	Animal Biology	(5)
			BIOL 101 &	Plant Biology	(4)
			BIOL 102	Animal Biology	(5)
BIOTECH 1Y	Introduction to Biotechnology	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 2A	Genl Chemistry	(5)	CHEM 155	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 155 &	General Chemistry I	(5)
			CHEM 156	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 156	General Chemistry II	(5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM 211	Organic Chemistry I	(3)
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
	OR			OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 211 &	Organic Chemistry I	(3)
			CHEM 221	Organic Chemistry Laboratory I	(2.3)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 211 &	Organic Chemistry I	(3)
			CHEM 221 &	Organic Chemistry Laboratory I	(2.3)
			CHEM 212 &	Organic Chemistry II	(3)
			CHEM 222	Organic Chemistry Laboratory II	(2.5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 212 &	Organic Chemistry II	(3)
			CHEM 222	Organic Chemistry Laboratory II	(2.5)
	OR			OR	
CHEM 128A	Organic Chemistry	(3)	CHEM 211	Organic Chemistry I	(3)
CHEM 128B	Organic Chemistry	(3)	CHEM 211 &	Organic Chemistry I	(3)
			CHEM 212	Organic Chemistry II	(3)
CHEM 128C	Organic Chemistry	(3)	CHEM 212	Organic Chemistry II	(3)
CHEM 129A	Organic Chem Lab	(2)	CHEM 221	Organic Chemistry Laboratory I	(2.3)
MATH 16A	Short Calculus	(3)	MATH 130	Calculus for Biological Sciences, Social Sciences and Business I	(5)
			OR		
			MATH 150	Calculus with Analytic Geometry I	(5)
MATH 16B	Short Calculus	(3)	MATH 131	Calculus for Biological Sciences, Social Sciences and Business II	(3)
				OR	
			MATH 160	Calculus with Analytic Geometry II	(5)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	MATH 130	Calculus for Biological Sciences, Social Sciences and Business I	(5)
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		

	OR			OR	
MATH 21A	Calculus	(4)		MATH 150	Calculus with Analytic (5) Geometry I
MATH 21B	Calculus	(4)		MATH 160	Calculus with Analytic (5) Geometry II

PHYSICS 7A	General Physics	(4)		PHYS 105 &	General Physics (4)
				PHYS 106	General Physics (4)
				OR	
				PHYS 110 &	Introductory Physics (4)
				PHYS 111	Introductory Physics (4)
PHYSICS 7B	General Physics	(4)		PHYS 105 &	General Physics (4)
				PHYS 106	General Physics (4)
				OR	
				PHYS 110 &	Introductory Physics (4)
				PHYS 111	Introductory Physics (4)

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

COURSEWORK FOR BIOINFORMATICS OPTION:

ENG CS 20	C Sci/Discrete Math	(4)		CS 108	Discrete Structures (4)
ENG CS 36A	Programming	(4)		CS 137	C Programming (3)
	Formerly ENG CS 30				

RESTRICTED ELECTIVES FOR BIOINFORMATICS OPTION:

ENG CS 36B	Object-Oriented Program	(4)		CS 140	Object-Oriented (4)
	Formerly ENG CS 40				Programming Using C++
ENG CS 36C	Data Structures	(4)		CS 106	Theory and Practice II (3)
	Formerly ENG CS 60				
ENG CS 50	Machine Dependent Prog	(4)		CS 107	Computer Architecture & (3)
					Organization

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 103	Cell Biology	(5.5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL 101 &	Plant Biology	(4)
				BIOL 102	Animal Biology	(5)

BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 101 &	Plant Biology	(4)
			BIOL 102	Animal Biology	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 155	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 155 &	General Chemistry I	(5)
			CHEM 156	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 156	General Chemistry II	(5)

CHEM 8A	Organic Chem-Brief	(2)	CHEM 211	Organic Chemistry I	(3)
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
	OR			OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 211 &	Organic Chemistry I	(3)
			CHEM 221	Organic Chemistry Laboratory I	(2.3)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 211 &	Organic Chemistry I	(3)
			CHEM 221 &	Organic Chemistry Laboratory I	(2.3)
			CHEM 212 &	Organic Chemistry II	(3)
			CHEM 222	Organic Chemistry Laboratory II	(2.5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 212 &	Organic Chemistry II	(3)
			CHEM 222	Organic Chemistry Laboratory II	(2.5)

MATH 17A	Calculus for BioSci	(4)	MATH 130	Calculus for Biological Sciences, Social Sciences and Business I	(5)
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 150	Calculus with Analytic Geometry I	(5)
MATH 21B	Calculus	(4)	MATH 160	Calculus with Analytic Geometry II	(5)

PHYSICS 7A	General Physics	(4)	PHYS 105 &	General Physics	(4)
			PHYS 106	General Physics	(4)
			OR		
			PHYS 110 &	Introductory Physics	(4)
			PHYS 111	Introductory Physics	(4)
PHYSICS 7B	General Physics	(4)	PHYS 105 &	General Physics	(4)
			PHYS 106	General Physics	(4)
			OR		
			PHYS 110 &	Introductory Physics	(4)
			PHYS 111	Introductory Physics	(4)
PHYSICS 7C	General Physics	(4)	PHYS 105 &	General Physics	(4)
			PHYS 106	General Physics	(4)
			OR		
			PHYS 110 &	Introductory Physics	(4)
			PHYS 111	Introductory Physics	(4)

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

RECOMMENDED:					
MATH 21C	Calculus	(4)	MATH 200	Multivariable Calculus	(4)

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 155	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 155 &	General Chemistry I	(5)
			CHEM 156	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 156	General Chemistry II	(5)
	OR			OR	
CHEM 2AH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
CHEM 2BH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
CHEM 2CH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
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PHYSICS 9A	Classical Physics	(5)	PHYS 121	Mechanics of Solids and Fluids	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS 123	Heat, Light and Modern Physics	(5)
PHYSICS 9C	Classical Physics	(5)	PHYS 122	Electricity and Magnetism	(5)
PHYSICS 9D	Modern Physics	(4)	NO COMPARABLE COURSE		
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MATH 21A	Calculus	(4)	MATH 150	Calculus with Analytic Geometry I	(5)
MATH 21B	Calculus	(4)	MATH 160	Calculus with Analytic Geometry II	(5)
MATH 21C	Calculus	(4)	MATH 200	Multivariable Calculus	(4)
MATH 21D	Vector Analysis	(4)	MATH 200	Multivariable Calculus	(4)
MATH 22A	Linear Algebra	(3)	MATH 210	Linear Algebra	(4)
MATH 22AL	Lin Alg Comp Lab	(1)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 22B	Differntl Equations	(3)	MATH 220	Differential Equations	(4)
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CHEM 128A	Organic Chemistry	(3)	CHEM 211	Organic Chemistry I	(3)
CHEM 128B	Organic Chemistry	(3)	CHEM 211 &	Organic Chemistry I	(3)
			CHEM 212	Organic Chemistry II	(3)
CHEM 129A	Organic Chem Lab	(2)	CHEM 221	Organic Chemistry Laboratory I	(2.3)

END OF MAJOR

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

Special Advising Note:

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

CHEM 2A	Genl Chemistry	(5)	CHEM 155	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 155 &	General Chemistry I	(5)
			CHEM 156	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 156	General Chemistry II	(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 105 &	General Physics	(4)
			PHYS 106	General Physics	(4)
			OR		
			PHYS 110 &	Introductory Physics	(4)
			PHYS 111	Introductory Physics	(4)
PHYSICS 7B	General Physics	(4)	PHYS 105 &	General Physics	(4)
			PHYS 106	General Physics	(4)
			OR		
			PHYS 110 &	Introductory Physics	(4)
			PHYS 111	Introductory Physics	(4)
PHYSICS 7C	General Physics	(4)	PHYS 105 &	General Physics	(4)
			PHYS 106	General Physics	(4)
			OR		

PHYS 110 & Introductory Physics (4)
 PHYS 111 Introductory Physics (4)

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

	OR			OR	
PHYSICS 9A	Classical Physics	(5)	PHYS 121	Mechanics of Solids and Fluids	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS 123	Heat, Light and Modern Physics	(5)
PHYSICS 9C	Classical Physics	(5)	PHYS 122	Electricity and Magnetism	(5)

MATH 16A	Short Calculus	(3)	MATH 130	Calculus for Biological Sciences, Social Sciences and Business I	(5)
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OR

			MATH 150	Calculus with Analytic Geometry I	(5)
MATH 16B	Short Calculus	(3)	MATH 131	Calculus for Biological Sciences, Social Sciences and Business II	(3)

OR

			MATH 160	Calculus with Analytic Geometry II	(5)
MATH 16C	Short Calculus	(3)	MATH 131	Calculus for Biological Sciences, Social Sciences and Business II	(3)

OR

			MATH 160	Calculus with Analytic Geometry II	(5)
MATH 17A	Calculus for BioSci	(4)	MATH 130	Calculus for Biological Sciences, Social Sciences and Business I	(5)

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

OR

MATH 21A	Calculus	(4)	MATH 150	Calculus with Analytic Geometry I	(5)
MATH 21B	Calculus	(4)	MATH 160	Calculus with Analytic Geometry II	(5)
MATH 21C	Calculus	(4)	MATH 200	Multivariable Calculus	(4)

CHEM 128A	Organic Chemistry	(3)	CHEM 211	Organic Chemistry I	(3)
CHEM 128B	Organic Chemistry	(3)	CHEM 211 &	Organic Chemistry I	(3)
			CHEM 212	Organic Chemistry II	(3)
CHEM 128C	Organic Chemistry	(3)	CHEM 212	Organic Chemistry II	(3)
CHEM 129A	Organic Chem Lab	(2)	CHEM 221	Organic Chemistry Laboratory I	(2.3)
CHEM 129B	Organic Chem Lab	(2)	CHEM 221 &	Organic Chemistry Laboratory I	(2.3)
			CHEM 222	Organic Chemistry Laboratory II	(2.5)

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

CHEM 2A	Genl Chemistry	(5)	CHEM 155	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 155 &	General Chemistry I	(5)
			CHEM 156	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 156	General Chemistry II	(5)
	OR			OR	
CHEM 2AH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
CHEM 2BH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
CHEM 2CH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		

PHYSICS 9A	Classical Physics	(5)	PHYS 121	Mechanics of Solids and Fluids	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS 123	Heat, Light and Modern Physics	(5)
PHYSICS 9C	Classical Physics	(5)	PHYS 122	Electricity and Magnetism	(5)

MATH 21A	Calculus	(4)	MATH 150	Calculus with Analytic	(5)

MATH 21B	Calculus	(4)	MATH 160	Geometry I Calculus with Analytic Geometry II	(5)
MATH 21C	Calculus	(4)	MATH 200	Multivariable Calculus	(4)
MATH 21D	Vector Analysis	(4)	MATH 200	Multivariable Calculus	(4)
MATH 22A	Linear Algebra	(3)	MATH 210	Linear Algebra	(4)
MATH 22AL	Lin Alg Comp Lab	(1)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 22B	Differntl Equations	(3)	MATH 220	Differential Equations	(4)

CHEM 128A	Organic Chemistry	(3)	CHEM 211	Organic Chemistry I	(3)
CHEM 128B	Organic Chemistry	(3)	CHEM 211 &	Organic Chemistry I	(3)
			CHEM 212	Organic Chemistry II	(3)
CHEM 128C	Organic Chemistry	(3)	CHEM 212	Organic Chemistry II	(3)
CHEM 129A	Organic Chem Lab	(2)	CHEM 221	Organic Chemistry Laboratory I	(2.3)
CHEM 129B	Organic Chem Lab	(2)	CHEM 221 &	Organic Chemistry Laboratory I	(2.3)
			CHEM 222	Organic Chemistry Laboratory II	(2.5)
CHEM 129C	Organic Chem Lab	(2)	CHEM 222	Organic Chemistry Laboratory II	(2.5)

RECOMMENDED COURSES:

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

END OF MAJOR

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

CHEM 2A	Genl Chemistry	(5)	CHEM 155	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 155 &	General Chemistry I	(5)
			CHEM 156	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 156	General Chemistry II	(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 105 &	General Physics	(4)
			PHYS 106	General Physics	(4)
			OR		
			PHYS 110 &	Introductory Physics	(4)
			PHYS 111	Introductory Physics	(4)
PHYSICS 7B	General Physics	(4)	PHYS 105 &	General Physics	(4)
			PHYS 106	General Physics	(4)
			OR		
			PHYS 110 &	Introductory Physics	(4)
			PHYS 111	Introductory Physics	(4)
PHYSICS 7C	General Physics	(4)	PHYS 105 &	General Physics	(4)
			PHYS 106	General Physics	(4)
			OR		
			PHYS 110 &	Introductory Physics	(4)
			PHYS 111	Introductory Physics	(4)

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

	OR			OR	
PHYSICS 9A	Classical Physics	(5)	PHYS 121	Mechanics of Solids and Fluids	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS 123	Heat, Light and Modern Physics	(5)
PHYSICS 9C	Classical Physics	(5)	PHYS 122	Electricity and Magnetism	(5)

MATH 16A	Short Calculus	(3)	MATH 130	Calculus for Biological Sciences, Social Sciences and Business I	(5)
			OR		
			MATH 150	Calculus with Analytic Geometry I	(5)
MATH 16B	Short Calculus	(3)	MATH 131	Calculus for Biological Sciences, Social Sciences and Business II	(3)
			OR		
			MATH 160	Calculus with Analytic	(5)

MATH 16C	Short Calculus	(3)	MATH 131	Geometry II Calculus for Biological Sciences, Social Sciences and Business II	(3)
			<u>OR</u>		
			MATH 160	Calculus with Analytic Geometry II	(5)
	<u>OR</u>				
MATH 17A	Calculus for BioSci	(4)	MATH 130	Calculus for Biological Sciences, Social Sciences and Business I	(5)
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
	<u>OR</u>				
MATH 21A	Calculus	(4)	MATH 150	Calculus with Analytic Geometry I	(5)
MATH 21B	Calculus	(4)	MATH 160	Calculus with Analytic Geometry II	(5)
MATH 21C	Calculus	(4)	MATH 200	Multivariable Calculus	(4)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 103	Cell Biology	(5.5)
STATIST 13	Elementary Statistics Same as: STATIST 13Y	(4)	MATH 117	Elementary Statistics	(4)
			<u>OR</u>		
			MATH 117H	Elementary Statistics, Honors	(4)
			<u>OR</u>		
			PSY 150	Statistics for the Behavioral Sciences	(4)
	<u>OR</u>				
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 211 & CHEM 221	Organic Chemistry I Organic Chemistry Laboratory I	(3) (2.3)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 211 & CHEM 221 & CHEM 212 & CHEM 222	Organic Chemistry I Organic Chemistry Laboratory I Organic Chemistry II Organic Chemistry Laboratory II	(3) (2.3) (3) (2.5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 212 & CHEM 222	Organic Chemistry II Organic Chemistry Laboratory II	(3) (2.5)
	<u>OR</u>				
CHEM 128A	Organic Chemistry	(3)	CHEM 211	Organic Chemistry I	(3)
CHEM 128B	Organic Chemistry	(3)	CHEM 211 & CHEM 212	Organic Chemistry I Organic Chemistry II	(3) (3)
CHEM 128C	Organic Chemistry	(3)	CHEM 212	Organic Chemistry II	(3)
CHEM 129A	Organic Chem Lab	(2)	CHEM 221	Organic Chemistry Laboratory I	(2.3)
CHEM 129B	Organic Chem Lab	(2)	CHEM 221 & CHEM 222	Organic Chemistry Laboratory I Organic Chemistry Laboratory II	(2.3) (2.5)

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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 155	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 155 &	General Chemistry I	(5)
			CHEM 156	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 156	General Chemistry II	(5)
	OR			OR	
CHEM 2AH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
CHEM 2BH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
CHEM 2CH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
<hr/>					
PHYSICS 7A	General Physics	(4)	PHYS 105 &	General Physics	(4)
			PHYS 106	General Physics	(4)
			OR		
			PHYS 110 &	Introductory Physics	(4)
			PHYS 111	Introductory Physics	(4)
PHYSICS 7B	General Physics	(4)	PHYS 105 &	General Physics	(4)
			PHYS 106	General Physics	(4)
			OR		
			PHYS 110 &	Introductory Physics	(4)
			PHYS 111	Introductory Physics	(4)

PHYSICS 7C	General Physics	(4)	PHYS 105 &	General Physics	(4)
			PHYS 106	General Physics	(4)
			<u>OR</u>		
			PHYS 110 &	Introductory Physics	(4)
			PHYS 111	Introductory Physics	(4)

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

	<u>OR</u>			<u>OR</u>	
PHYSICS 9A	Classical Physics	(5)	PHYS 121	Mechanics of Solids and Fluids	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS 123	Heat, Light and Modern Physics	(5)
PHYSICS 9C	Classical Physics	(5)	PHYS 122	Electricity and Magnetism	(5)

MATH 16A	Short Calculus	(3)	MATH 130	Calculus for Biological Sciences, Social Sciences and Business I	(5)
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			<u>OR</u>		
			MATH 150	Calculus with Analytic Geometry I	(5)
MATH 16B	Short Calculus	(3)	MATH 131	Calculus for Biological Sciences, Social Sciences and Business II	(3)

			<u>OR</u>		
			MATH 160	Calculus with Analytic Geometry II	(5)
MATH 16C	Short Calculus	(3)	MATH 131	Calculus for Biological Sciences, Social Sciences and Business II	(3)

			<u>OR</u>		
			MATH 160	Calculus with Analytic Geometry II	(5)
MATH 17A	Calculus for BioSci	(4)	MATH 130	Calculus for Biological Sciences, Social Sciences and Business I	(5)

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

	<u>OR</u>			<u>OR</u>	
MATH 21A	Calculus	(4)	MATH 150	Calculus with Analytic Geometry I	(5)
MATH 21B	Calculus	(4)	MATH 160	Calculus with Analytic Geometry II	(5)
MATH 21C	Calculus	(4)	MATH 200	Multivariable Calculus	(4)

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 103	Cell Biology	(5.5)
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ENV TOX 20	Introduction to Forensic Science	(3)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
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STATIST 13	Elementary Statistics	(4)	MATH 117	Elementary Statistics	(4)
Same as: STATIST 13Y			<u>OR</u>		

			MATH 117H	Elementary Statistics, Honors	(4)
			<u>OR</u>		
			PSY 150	Statistics for the Behavioral Sciences	(4)
		<u>OR</u>		<u>OR</u>	
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		

CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 211 & CHEM 221	Organic Chemistry I Organic Chemistry Laboratory I	(3) (2.3)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 211 & CHEM 221	Organic Chemistry I Organic Chemistry Laboratory I	(3) (2.3)
			CHEM 212 & CHEM 222	Organic Chemistry II Organic Chemistry Laboratory II	(3) (2.5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 212 & CHEM 222	Organic Chemistry II Organic Chemistry Laboratory II	(3) (2.5)
		<u>OR</u>		<u>OR</u>	
CHEM 128A	Organic Chemistry	(3)	CHEM 211	Organic Chemistry I	(3)
CHEM 128B	Organic Chemistry	(3)	CHEM 211 & CHEM 212	Organic Chemistry I Organic Chemistry II	(3) (3)
CHEM 128C	Organic Chemistry	(3)	CHEM 212	Organic Chemistry II	(3)
CHEM 129A	Organic Chem Lab	(2)	CHEM 221	Organic Chemistry Laboratory I	(2.3)
CHEM 129B	Organic Chem Lab	(2)	CHEM 221 & CHEM 222	Organic Chemistry Laboratory I Organic Chemistry Laboratory II	(2.3) (2.5)

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

College Foreign Language Requirement Note:

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

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

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

CHICANO 10	Intro to Chic Std	(4)	CHST 102	The Chicano and Latino (3) in U.S. History from the 1960s to the Present
			OR	
			CHST 103	Mexican-American (3) (Chicano) Culture
CHICANO 50	Chicano Culture	(4)	CHST 113	Introduction to (3) Chicano/Mexican-Americ an Literature
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)	CHST 131	History of Chicano Art (3)
CHICANO 73	Art Expr Silk Scr	(4)	NO COMPARABLE COURSE	
SPANISH 1	Elementary Spanish	(5)	SPAN 101	Beginning Spanish I (5)
SPANISH 2	Elementary Spanish	(5)	SPAN 101 &	Beginning Spanish I (5)
			SPAN 102	Beginning Spanish II (5)
SPANISH 3	Elementary Spanish	(5)	SPAN 102	Beginning Spanish II (5)
	OR		OR	
SPANISH 28	Inter Conversation	(2)	SPAN 140	Intermediate Spanish (3) Conversation II
SPANISH 31	Int Span Nat Spk I	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
SPANISH 32	Int Span Nat Spk II	(5)	NO COMPARABLE COURSE	

END OF MAJOR

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

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

CHICANO 10	Intro to Chic Std	(4)	CHST 102	The Chicano and Latino (3) in U.S. History from the 1960s to the Present
			OR	
			CHST 103	Mexican-American (3) (Chicano) Culture
CHICANO 50	Chicano Culture	(4)	CHST 113	Introduction to (3) Chicano/Mexican-Americ an Literature
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)	CHST 131 History of Chicano Art (3)
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)	PSY 200 Research Methods and Experimental Design in Psychology (4)
SOCIOL 46A	Intro Social Rsch	(4)	SOC 115 Introduction to Social Research (3)

SPANISH 1	Elementary Spanish	(5)	SPAN 101 Beginning Spanish I (5)
SPANISH 2	Elementary Spanish	(5)	SPAN 101 & Beginning Spanish I (5)
SPANISH 3	Elementary Spanish	(5)	SPAN 102 Beginning Spanish II (5)
			SPAN 102 Beginning Spanish II (5)
OR			OR
SPANISH 28	Inter Conversation	(2)	SPAN 140 Intermediate Spanish Conversation II (3)
SPANISH 31	Int Span Nat Spk I	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
SPANISH 32	Int Span Nat Spk II	(5)	NO COMPARABLE COURSE

END OF MAJOR

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

Special Advising Note:

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

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

Chinese Placement Examination Note:

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

x) CHINESE 1	Elem Chinese	(5)	CHIN 101	Beginning Chinese I	(5)
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 COURSE ARTICULATED: College has not submitted course(s) for articulation		
	Same as: JPNESE 50				
j) COMPLIT 14	Intro Poetry	(3)	ENG 251	Introduction to Poetry	(3)
JPNESE 10	Masterworks in English	(4)	NO COMPARABLE COURSE		
LINGUIS 1	Intro Linguistics	(4)	ANTH 104	Language and Culture	(3)
HISTORY 9A	East Asian Civ	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		

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.

- j) The Department of English at UC Davis will accept Santa Barbara City College's ENG 251 in lieu of ENGLISH 45. The Department of Comparative Literature at UC Davis will accept Santa Barbara City College's ENG 251 in lieu of COMPLIT 14.

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

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

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

Select two of the following courses:

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

Select two of the following courses:

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

END OF MAJOR

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

Special Advising Note:

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

Transfer applicants must also complete all lower-division courses required for their specific engineering major as listed below under courses "Required for Admission" with a cumulative GPA of 3.20 or higher for those courses completed at the time of application and through the transfer academic update filing period. Before submitting a UC application, students must have already achieved a cumulative GPA of 3.20 or higher in required lower-division major coursework

completed. If one course from the group is completed at the time the application is submitted, the grade for that one course must be B+ or better. If two or more courses from the group are completed at the time the application is submitted, the GPA for those courses combined must be a 3.20 or higher.

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

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

END OF MAJOR

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

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

reduces time to degree.

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

LATIN 1	Elementary Latin	(5)	LATN 101	Beginning Latin I	(5)
LATIN 2	Elementary Latin	(5)	LATN 101 &	Beginning Latin I	(5)
			LATN 102	Beginning Latin II	(5)
LATIN 3	Intermediate Latin	(5)	LATN 102	Beginning Latin II	(5)
	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 103	History of Art, Prehistoric to Gothic	(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)	ENG 231	World Literature	(3)
PHILOS 21	Phil Classics: Ancient	(4)	PHIL 200	History of Philosophy: Ancient	(3)
REL STD 21	The Bible	(4)	NO COMPARABLE COURSE		
REL STD 40	New Testament	(4)	NO COMPARABLE COURSE		

END OF MAJOR

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

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is 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)	LATN 101	Beginning Latin I	(5)
LATIN 2	Elementary Latin	(5)	LATN 101 &	Beginning Latin I	(5)
			LATN 102	Beginning Latin II	(5)
LATIN 3	Intermediate Latin	(5)	LATN 102	Beginning Latin II	(5)
	AND			AND	
GREEK 1	Elem Greek	(5)	NO COMPARABLE COURSE		
GREEK 2	Elem Greek	(5)	NO COMPARABLE COURSE		
GREEK 3	Intermediate Greek	(5)	NO COMPARABLE COURSE		
CLASSIC 1	N East/Early Gr	(4)	NO COMPARABLE COURSE		
	OR			OR	
CLASSIC 2	Anc Gr & Near East	(4)	NO COMPARABLE COURSE		
	OR			OR	
CLASSIC 3	Rome & The Mediter	(4)	NO COMPARABLE COURSE		
CLASSIC 4	Late Antiquity	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

Education(GE) Note:

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

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

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

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

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

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

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

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

ENGLISH 3	Intro to Lit	(4)	ENG 111	Critical Thinking and Composition Through Literature	(3)
			OR		
			ENG 111H	Critical Thinking and Composition through	(3)

UWRITING 1	OR Expository Writing	(4)	ENG 110	Literature, Honors OR Composition and Reading	(3)
			OR ENG 110H	Composition and Reading, Honors	(3)
COMUNCN 1	Intro Public Spkg	(4)	COMM 131	Fundamentals of Public Speaking	(3)
			OR COMM 131H	Fundamentals of Public Speaking, Honors	(3)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 103	Cell Biology	(5.5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 101 &	Plant Biology	(4)
			BIOL 102	Animal Biology	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM 155	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 155 &	General Chemistry I	(5)
			CHEM 156	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 156	General Chemistry II	(5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM 211	Organic Chemistry I	(3)
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
ECON 1A	Princ of Microecon	(4)	ECON 101	Microeconomics	(3)
	OR			OR	
ECON 1B	Princ of Macroecon	(4)	ECON 102	Macroeconomics	(3)
PSYCH 1	General Psychology	(4)	PSY 100	General Psychology	(3)
			OR PSY 100H	General Psychology, Honors	(4)
SOCIOL 1	Intro Sociology	(5)	SOC 101	Introduction to Sociology	(3)
	OR			OR	
SOCIOL 3	Social Problems	(4)	SOC 109	Social Problems	(3)
	OR			OR	
ANTHRO 2	Cultural Anthropology	(5)	ANTH 103	Introduction to Cultural Anthropology	(3)
STATIST 13	Elementary Statistics	(4)	MATH 117	Elementary Statistics	(4)
	Same as: STATIST 13Y		OR MATH 117H	Elementary Statistics, Honors	(4)
			OR PSY 150	Statistics for the Behavioral Sciences	(4)

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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)		ANTH 104	Language and Culture	(3)
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	
d) PHILOS 12	Intro to Symbol Logic	(4)		PHIL 205	Introduction to Logic	(3)
PHILOS 13G	Minds, Brains Comp w/Disc	(4)		NO COURSE	ARTICULATED:College has not submitted course(s)for articulation	
PSYCH 1	General Psychology	(4)		PSY 100	General Psychology	(3)
				OR		
				PSY 100H	General Psychology, Honors	(4)
PSYCH 41	Research Methods	(4)		PSY 200	Research Methods and Experimental Design in Psychology	(4)
STATIST 13	Elementary Statistics	(4)		MATH 117	Elementary Statistics	(4)

Same as: STATIST 13Y

	<u>OR</u>		
MATH 117H		Elementary Statistics, Honors	(4)
	<u>OR</u>		
PSY 150		Statistics for the Behavioral Sciences	(4)

END OF MAJOR

d) If a student takes PHIL 205 at Santa Barbara City College, credit will be given for UC Davis's PHILOS 5 or 12, not both.

====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)		CS 108	Discrete Structures	(4)
ENG CS 32A	Intro to Programming	(4)		CS 101	Computer Concepts	(4)
	Formerly ENG CS 10					
				<u>OR</u>		
				CS 105	Theory and Practice I	(3)

	OR			OR	
ENG CS 36A	Programming	(4)		CS 137	C Programming (3)
	Formerly ENG CS 30				
ENG CS 34	UNIX & C++	(5)		NO COURSE	ARTICULATED
	OR			OR	
ENG CS 36B	Object-Oriented Program	(4)		CS 140	Object-Oriented (4)
	Formerly ENG CS 40				Programming Using C++
ENG CS 50	Machine Dependent Prog	(4)		CS 107	Computer Architecture & (3)
					Organization
ENG CS 32B	Intro to Data Structures	(4)			
	OR			OR	
ENG CS 36C	Data Structures	(4)		CS 106	Theory and Practice II (3)
	Formerly ENG CS 60				

LINGUIS 1	Intro Linguistics	(4)		ANTH 104	Language and Culture (3)
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MATH 17A	Calculus for BioSci	(4)		MATH 130	Calculus for (5)
					Biological Sciences,
					Social Sciences and
					Business I

MATH 17B	Calculus for Biosci	(4)		NO COMPARABLE COURSE	
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	OR			OR	
MATH 21A	Calculus	(4)		MATH 150	Calculus with Analytic (5)
					Geometry I

MATH 21B	Calculus	(4)		MATH 160	Calculus with Analytic (5)
					Geometry II

MATH 22A	Linear Algebra	(3)		MATH 210	Linear Algebra (4)
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

d) PHILOS 12	Intro to Symbol Logic	(4)		PHIL 205	Introduction to Logic (3)
PHILOS 13G	Minds, Brains Comp	(4)		NO COURSE	ARTICULATED:College has not
	w/Disc				submitted course(s)for articulation

PSYCH 1	General Psychology	(4)		PSY 100	General Psychology (3)
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	OR			OR	
				PSY 100H	General Psychology, (4)
					Honors

PSYCH 41	Research Methods	(4)		PSY 200	Research Methods and (4)
					Experimental Design in
					Psychology

STATIST 13	Elementary Statistics	(4)		MATH 117	Elementary Statistics (4)
	Same as: STATIST 13Y				

	OR			OR	
				MATH 117H	Elementary (4)
					Statistics, Honors

	OR			OR	
				PSY 150	Statistics for the (4)
					Behavioral Sciences

Emphasis 2: Neuroscience

BIOLSCI 2A	Intro Biology:Life on	(5)		BIOL 103	Cell Biology (5.5)
	Earth				

BIOLSCI 2B	Intro Biology: Ecology	(5)		BIOL 101 &	Plant Biology (4)
	& Evolution				

				BIOL 102	Animal Biology (5)
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BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 101 &	Plant Biology	(4)
			BIOL 102	Animal Biology	(5)

LINGUIS 1	Intro Linguistics	(4)	ANTH 104	Language and Culture	(3)

MATH 17A	Calculus for BioSci	(4)	MATH 130	Calculus for Biological Sciences, Social Sciences and Business I	(5)
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 150	Calculus with Analytic Geometry I	(5)
MATH 21B	Calculus	(4)	MATH 160	Calculus with Analytic Geometry II	(5)
MATH 21C	Calculus	(4)	MATH 200	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 105 &	General Physics	(4)
			PHYS 106	General Physics	(4)
			OR		
			PHYS 110 &	Introductory Physics	(4)
			PHYS 111	Introductory Physics	(4)
PHYSICS 7B	General Physics	(4)	PHYS 105 &	General Physics	(4)
			PHYS 106	General Physics	(4)
			OR		
			PHYS 110 &	Introductory Physics	(4)
			PHYS 111	Introductory Physics	(4)
PHYSICS 7C	General Physics	(4)	PHYS 105 &	General Physics	(4)
			PHYS 106	General Physics	(4)
			OR		
			PHYS 110 &	Introductory Physics	(4)
			PHYS 111	Introductory Physics	(4)
	OR			OR	
PHYSICS 9A	Classical Physics	(5)	PHYS 121	Mechanics of Solids and Fluids	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS 123	Heat, Light and Modern Physics	(5)
PHYSICS 9C	Classical Physics	(5)	PHYS 122	Electricity and Magnetism	(5)

PSYCH 1	General Psychology	(4)	PSY 100	General Psychology	(3)
			OR		
			PSY 100H	General Psychology, Honors	(4)
PSYCH 41	Research Methods	(4)	PSY 200	Research Methods and Experimental Design in Psychology	(4)

STATIST 13	Elementary Statistics	(4)	MATH 117	Elementary Statistics	(4)
	Same as: STATIST 13Y		OR		
			MATH 117H	Elementary	(4)

	Statistics, Honors	
<u>OR</u>	Statistics for the Behavioral Sciences	(4)
PSY 150		

END OF MAJOR

d) If a student takes PHIL 205 at Santa Barbara City College, credit will be given for UC Davis's PHILOS 5 or 12, not both.

====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.

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

College Foreign Language Requirement Note:

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

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

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

ANTHRO 4	Anthro Linguistics	(4)	ANTH 104	Language and Culture	(3)
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LINGUIS 1	<u>OR</u> Intro Linguistics	(4)	ANTH 104	<u>OR</u> Language and Culture	(3)
COMUNCN 1	Intro Public Spkg	(4)	COMM 131	Fundamentals of Public Speaking	(3)
			<u>OR</u> COMM 131H	Fundamentals of Public Speaking, Honors	(3)
COMUNCN 3	<u>OR</u> Intprsnl Com Cmpetnce	(4)	COMM 121	<u>OR</u> Interpersonal Communication	(3)
			<u>OR</u> COMM 121H	Interpersonal Communication, Honors	(3)
COMUNCN 5	<u>OR</u> Global English Comm Same as: LINGUIS 5	(4)	NO COURSE	<u>OR</u> ARTICULATED:College has not submitted course(s)for articulation	
LINGUIS 5	<u>OR</u> Global English Comm Same as: COMUNCN 5	(4)	NO COURSE	<u>OR</u> ARTICULATED:College has not submitted course(s)for articulation	
COMUNCN 10Y	Intro to Communication	(4)	NO COURSE	<u>OR</u> ARTICULATED: College has not submitted course(s)for articulation	
			COMM 101	Introduction to Communication	(3)

B) ENG CS 15 Intro to Computers (4) | NO COMPARABLE COURSE

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

d) PHILOS 12	<u>OR</u> Intro to Symbol Logic	(4)	PHIL 205	<u>OR</u> Introduction to Logic	(3)
PSYCH 1	General Psychology	(4)	PSY 100	General Psychology	(3)
			<u>OR</u> PSY 100H	General Psychology, Honors	(4)
SOCIOL 1	Intro Sociology	(5)	SOC 101	Introduction to Sociology	(3)
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE		
STATIST 13	<u>OR</u> Elementary Statistics Same as: STATIST 13Y	(4)	MATH 117	<u>OR</u> Elementary Statistics	(4)
			<u>OR</u> MATH 117H	Elementary Statistics, Honors	(4)
			<u>OR</u> PSY 150	Statistics for the Behavioral Sciences	(4)

END OF MAJOR

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

d) If a student takes PHIL 205 at Santa Barbara City College, credit will be

given for UC Davis's PHILOS 5 or 12, not both.

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

TWO COURSES FROM THE FOLLOWING:

COMUNCN 1	Intro Public Spkg	(4)	COMM 131	Fundamentals of Public Speaking	(3)
			OR		
			COMM 131H	Fundamentals of Public Speaking, Honors	(3)
COMPLIT 1	Major Books-Ancient World	(4)	ENG 231	World Literature	(3)
COMPLIT 2	Major Books-Middle Ages to Enlightenment	(4)	ENG 231 &	World Literature	(3)
			ENG 232	World Literature	(3)
COMPLIT 3	Major Books-The Modern Crisis	(4)	ENG 232	World Literature	(3)
COMPLIT 4	Maj Books:Cont Wrld	(4)	NO COMPARABLE COURSE		
ENGLISH 3	Intro to Lit	(4)	ENG 111	Critical Thinking and Composition Through Literature	(3)
			OR		
			ENG 111H	Critical Thinking and Composition through Literature, Honors	(3)
N A STD 5	Intro NA Literature	(4)	NATA 113	The Indian in Literature: Fact and Fiction	(3)
UWRITING 1	Expository Writing	(4)	ENG 110	Composition and Reading	(3)
			OR		
			ENG 110H	Composition and Reading, Honors	(3)
UWRITING 48	Style in the Essay Formerly UWRITING 18	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
UWRITING 49	Writing Research Papers Formerly UWRITING 19	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CM&RGDE 1	The Community	(4)	NO COMPARABLE COURSE		
CM&RGDE 2	Ethnicity Amer Comm	(4)	NO COMPARABLE COURSE		
PL SCI 21	Computers in Technology	(3)	NO COMPARABLE COURSE		
	OR			OR	
B) ENG CS 15	Intro to Computers	(4)	NO COMPARABLE COURSE		

Please note that the community college's computer science courses

may not be identical to UC Davis courses. Community college students, upon transfer to UC Davis, may need to make up any topic or language deficiencies.

ECON 1A	Princ of Microecon	(4)	ECON 101	Microeconomics	(3)
	OR			OR	
ECON 1B	Princ of Macroecon	(4)	ECON 102	Macroeconomics	(3)
ANTHRO 2	Cultural Anthropology	(5)	ANTH 103	Introduction to Cultural Anthropology	(3)
	OR			OR	
SOCIOL 1	Intro Sociology	(5)	SOC 101	Introduction to Sociology	(3)
STATIST 13	Elementary Statistics	(4)	MATH 117	Elementary Statistics	(4)
	Same as: STATIST 13Y				
			OR		
			MATH 117H	Elementary Statistics, Honors	(4)
			OR		
			PSY 150	Statistics for the Behavioral Sciences	(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](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.

COMPLIT 1	Major Books-Ancient World	(4)		ENG 231	World Literature	(3)
	OR				OR	
COMPLIT 2	Major Books-Middle Ages to Enlightenment	(4)		ENG 231 &	World Literature	(3)
				ENG 232	World Literature	(3)
COMPLIT 3	Major Books-The Modern Crisis	(4)		ENG 232	World Literature	(3)
	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)		ENG 231	World Literature	(3)
COMPLIT 2	Major Books-Middle Ages to Enlightenment	(4)		ENG 231 &	World Literature	(3)
				ENG 232	World Literature	(3)
COMPLIT 3	Major Books-The Modern Crisis	(4)		ENG 232	World Literature	(3)
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)		ENG 241	Contemporary Women Writers	(3)
COMPLIT 13	Dramatic Lit	(3)		ENG 242	Contemporary Dramatic Literature	(3)
j) COMPLIT 14	Intro Poetry	(3)		ENG 251	Introduction to Poetry	(3)
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

j) The Department of English at UC Davis will accept Santa Barbara City College's ENG 251 in lieu of ENGLISH 45. The Department of Comparative Literature at UC Davis will accept Santa Barbara City College's ENG 251 in lieu of COMPLIT 14.

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

Special Advising Note:

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

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

application is submitted, the grade for that one course must be B+ or better. If two or more courses from the group are completed at the time the application is submitted, the GPA for those courses combined must be a 3.20 or higher.

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

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

END OF MAJOR

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

Special Advising Note:

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

from year to year.

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

Special Advising Note:

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

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

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

END OF MAJOR

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

Special Advising Note:

REQUIREMENTS FOR ADMISSION:

(for 2018-19)

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

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

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

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

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

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

Special Advising Note:

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

MATH 21A	Calculus	(4)	MATH 150	Calculus with Analytic (5)
				Geometry I
MATH 21B	Calculus	(4)	MATH 160	Calculus with Analytic (5)
				Geometry II
MATH 21C	Calculus	(4)	MATH 200	Multivariable Calculus (4)
MATH 22A	Linear Algebra	(3)	MATH 210	Linear Algebra (4)
	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)	CS 108	Discrete Structures (4)
ENG CS 36A	Programming	(4)	CS 137	C Programming (3)
	Formerly ENG CS 30			
ENG CS 36B	Object-Oriented Program	(4)	CS 140	Object-Oriented (4)
	Formerly ENG CS 40			Programming Using C++
ENG CS 36C	Data Structures	(4)	CS 106	Theory and Practice II (3)
	Formerly ENG CS 60			
ENG CS 50	Machine Dependent Prog	(4)	CS 107	Computer Architecture & (3)
				Organization

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 103	Cell Biology	(5.5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 101 &	Plant Biology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 102 BIOL 101 &	Animal Biology Plant Biology	(5) (4)
CHEM 2A	Genl Chemistry	(5)	BIOL 102 CHEM 155	Animal Biology General Chemistry I	(5) (5)
CHEM 2B	Genl Chemistry	(5)	CHEM 155 &	General Chemistry I	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 156	General Chemistry II	(5)
CHEM 2AH	Honors Genl Chemistry	(5)	CHEM 156	General Chemistry II	(5)
CHEM 2BH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
CHEM 2CH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
PHYSICS 9A	Classical Physics	(5)	PHYS 121	Mechanics of Solids and Fluids	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS 123	Heat, Light and Modern Physics	(5)
PHYSICS 9C	Classical Physics	(5)	PHYS 122	Electricity and Magnetism	(5)

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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)	ART 140 2-D Design: Composition (3) and Color
	AND		AND
DESIGN 16	Graphics & The Computer	(4)	NO COMPARABLE COURSE
DESIGN 40A	Energy, Materials, Design	(4)	NO COMPARABLE COURSE
	OR		OR
DESIGN 40B	Ideologies of Design	(4)	NO COMPARABLE COURSE
	OR		OR
DESIGN 40C	Design Aesthetics/Exper	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

TWO COURSES FROM THE FOLLOWING:

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

ART 12	Beginning Video	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
DESIGN 40A	Energy, Materials, Design	(4)	NO COMPARABLE COURSE
DESIGN 40B	Ideologies of Design	(4)	NO COMPARABLE COURSE
DESIGN 40C	Design Aesthetics/Exper	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
DESIGN 50	Intro to 3-D Design	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
DESIGN 70	Intro Textile Structure	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
DESIGN 77	Intro to Fashion Design	(4)	NO COMPARABLE COURSE
UWRITING 11	Pop Sci & Technol Wrtnng	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	OR		OR
UWRITING 12	Writing/Visual Rhetoric	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	OR		OR
UWRITING 48	Style in the Essay Formerly UWRITING 18	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	OR		OR
UWRITING 49	Writing Research Papers Formerly UWRITING 19	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

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 COURSE ARTICULATED: College has not submitted course(s)for articulation
HISTORY 9B	East Asian Civ	(4)		NO COURSE ARTICULATED: College has not submitted course(s)for articulation

ONE COURSE FROM THE FOLLOWING:

ARTHI 1D	Arts of Asia	(4)		ART 108	History of Asian Art	(3)
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)	CHIN 101	Beginning Chinese I	(5)
x) CHINESE 2	Elem Chinese	(5)	NO COMPARABLE COURSE		
OR			OR		
y) JPNESE 1	Elem Japanese	(5)	JAPN 101	Beginning Japanese I	(5)
y) JPNESE 2	Elem Japanese	(5)	JAPN 101 &	Beginning Japanese I	(5)
			JAPN 102	Beginning Japanese II	(5)

END OF MAJOR

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

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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 103	Cell Biology	(5.5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 101 &	Plant Biology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 102	Animal Biology	(5)
			BIOL 101 &	Plant Biology	(4)
			BIOL 102	Animal Biology	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM 155	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 155 &	General Chemistry I	(5)

			CHEM 156	General Chemistry II	(5)
PHYSICS 1A	Principles Physics	(3)	PHYS 105 &	General Physics	(4)
			PHYS 106	General Physics	(4)
PHYSICS 1B	Principles Physics	(3)	PHYS 105 &	General Physics	(4)
			PHYS 106	General Physics	(4)
	OR			OR	
PHYSICS 7A	General Physics	(4)	PHYS 105 &	General Physics	(4)
			PHYS 106	General Physics	(4)
			OR		
			PHYS 110 &	Introductory Physics	(4)
			PHYS 111	Introductory Physics	(4)
PHYSICS 7B	General Physics	(4)	PHYS 105 &	General Physics	(4)
			PHYS 106	General Physics	(4)
			OR		
			PHYS 110 &	Introductory Physics	(4)
			PHYS 111	Introductory Physics	(4)
PHYSICS 7C	General Physics	(4)	PHYS 105 &	General Physics	(4)
			PHYS 106	General Physics	(4)
			OR		
			PHYS 110 &	Introductory Physics	(4)
			PHYS 111	Introductory Physics	(4)

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

MATH 16A	Short Calculus	(3)	MATH 130	Calculus for Biological Sciences, Social Sciences and Business I	(5)
			OR		
			MATH 150	Calculus with Analytic Geometry I	(5)
MATH 16B	Short Calculus	(3)	MATH 131	Calculus for Biological Sciences, Social Sciences and Business II	(3)
			OR		
			MATH 160	Calculus with Analytic Geometry II	(5)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	MATH 130	Calculus for Biological Sciences, Social Sciences and Business I	(5)
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 150	Calculus with Analytic Geometry I	(5)
MATH 21B	Calculus	(4)	MATH 160	Calculus with Analytic Geometry II	(5)
ENV S&P 1	Env Analysis	(4)	NO COMPARABLE COURSE		

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 101	Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 102	Macroeconomics	(3)

STATIST 13	Elementary Statistics	(4)	MATH 117	Elementary Statistics	(4)
	Same as: STATIST 13Y				
			<u>OR</u>		
			MATH 117H	Elementary Statistics, Honors	(4)
			<u>OR</u>		
			PSY 150	Statistics for the Behavioral Sciences	(4)
	<u>OR</u>		<u>OR</u>		
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		

MATH 16A	Short Calculus	(3)	MATH 130	Calculus for Biological Sciences, Social Sciences and Business I	(5)
			<u>OR</u>		
			MATH 150	Calculus with Analytic Geometry I	(5)
MATH 16B	Short Calculus	(3)	MATH 131	Calculus for Biological Sciences, Social Sciences and Business II	(3)
			<u>OR</u>		
			MATH 160	Calculus with Analytic Geometry II	(5)
	<u>OR</u>		<u>OR</u>		
MATH 21A	Calculus	(4)	MATH 150	Calculus with Analytic Geometry I	(5)
MATH 21B	Calculus	(4)	MATH 160	Calculus with Analytic Geometry II	(5)

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

MATH 21C	Calculus	(4)	MATH 200	Multivariable Calculus	(4)
MATH 22A	Linear Algebra	(3)	MATH 210	Linear Algebra	(4)

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)	ENG 111	Critical Thinking and Composition Through Literature	(3)
			<u>OR</u>		
			ENG 111H	Critical Thinking and Composition through Literature, Honors	(3)
	<u>OR</u>		<u>OR</u>		
UWRITING 1	Expository Writing	(4)	ENG 110	Composition and Reading	(3)
			<u>OR</u>		
			ENG 110H	Composition and Reading, Honors	(3)

n) ENGLISH 10A	Literatures in English I: To 1700	(4)	ENG 221	Survey of British Literature	(3)
n) ENGLISH 10B	Literatures in English II: 1700-1900	(4)	ENG 221	Survey of British Literature	(3)
o)			<u>OR</u>		
			ENG 222	Survey of British Literature	(3)
			<u>OR</u>		
o) ENGLISH 10C	Literatures in English III: 1900 to Present	(4)	ENG 225	American Literature	(3)
			ENG 222	Survey of British Literature	(3)
			<u>OR</u>		
			ENG 226	American Literature	(3)
			<u>OR</u>		
			ENG 226H	American Literature, Honors	(4)

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)	ENG 242	Contemporary Dramatic Literature	(3)
			<u>OR</u>		
			TA 103	Theatre Appreciation	(3)
ENGLISH 44	Intro Topics in Fiction	(4)	ENG 240	Contemporary Fiction	(3)
j) ENGLISH 45	Intro Topics in Poetry	(4)	ENG 251	Introduction to Poetry	(3)

END OF MAJOR

- n) If a student takes ENGLISH 221 at Santa Barbara City College, credit will be given for UC Davis's ENGLISH 10A OR ENGLISH 10B, not both.
- o) If a student takes ENG 222 at Santa Barbara City College, credit will be given for UC Davis's ENGLISH 10B OR 10C, not both.
- j) The Department of English at UC Davis will accept Santa Barbara City College's ENG 251 in lieu of ENGLISH 45. The Department of Comparative Literature at UC Davis will accept Santa Barbara City College's ENG 251 in lieu of COMPLIT 14.

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

Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. See the [UC Transfer Admission website](#) 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 103	Cell Biology	(5.5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL 101 &	Plant Biology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOL 102	Animal Biology	(5)
				BIOL 101 &	Plant Biology	(4)
				BIOL 102	Animal Biology	(5)
<hr/>						
CHEM 2A	Genl Chemistry	(5)		CHEM 155	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 155 &	General Chemistry I	(5)
				CHEM 156	General Chemistry II	(5)
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CHEM 8A	Organic Chem-Brief	(2)		CHEM 211	Organic Chemistry I	(3)
CHEM 8B	Organic Chem-Brief	(4)		NO COMPARABLE COURSE		
OR						
CHEM 118A	Org Chem, Hlth & Sci	(4)		CHEM 211 &	Organic Chemistry I	(3)
				CHEM 221	Organic Chemistry Laboratory I	(2.3)
CHEM 118B	Org Chem, Hlth & Sci	(4)		CHEM 211 &	Organic Chemistry I	(3)
				CHEM 221 &	Organic Chemistry Laboratory I	(2.3)
				CHEM 212 &	Organic Chemistry II	(3)
				CHEM 222	Organic Chemistry Laboratory II	(2.5)
<hr/>						
MATH 16A	Short Calculus	(3)		MATH 130	Calculus for Biological Sciences, Social Sciences and Business I	(5)
				OR		
				MATH 150	Calculus with Analytic	(5)

MATH 16B	Short Calculus	(3)	MATH 131	Geometry I Calculus for Biological Sciences, Social Sciences and Business II	(3)
			<u>OR</u>		
MATH 16C	Short Calculus	(3)	MATH 160	Calculus with Analytic Geometry II	(5)
			MATH 131	Calculus for Biological Sciences, Social Sciences and Business II	(3)
			<u>OR</u>		
			MATH 160	Calculus with Analytic Geometry II	(5)
MATH 17A	Calculus for BioSci	(4)	MATH 130	Calculus for Biological Sciences, Social Sciences and Business I	(5)
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
			<u>OR</u>		
MATH 21A	Calculus	(4)	MATH 150	Calculus with Analytic Geometry I	(5)
MATH 21B	Calculus	(4)	MATH 160	Calculus with Analytic Geometry II	(5)
MATH 21C	Calculus	(4)	MATH 200	Multivariable Calculus	(4)
PHYSICS 1A	Principles Physics	(3)	PHYS 105 &	General Physics	(4)
			PHYS 106	General Physics	(4)
PHYSICS 1B	Principles Physics	(3)	PHYS 105 &	General Physics	(4)
			PHYS 106	General Physics	(4)
STATIST 13	Elementary Statistics	(4)	MATH 117	Elementary Statistics	(4)
	Same as: STATIST 13Y		<u>OR</u>		
			MATH 117H	Elementary Statistics, Honors	(4)
			<u>OR</u>		
			PSY 150	Statistics for the Behavioral Sciences	(4)
			<u>OR</u>		
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		
			<u>OR</u>		
PL SCI 21	Computers in Technology	(3)	NO COMPARABLE COURSE		

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

College of Engineering applicants to fall 2019 should view the majors guide effective for the 2017-18 academic year. (Go to ASSIST.org and click on the red notice that appears at the top of the page after you enter a college or

university). Admission selection for fall 2019 will be based upon ALL courses published as REQUIRED FOR ADMISSION on the 2017-18 majors guide for the major. You may also view this information as published in the College of Engineering Transfer Credit Agreement at <http://engineering.ucdavis.edu/transfer-credit-agreements/>

Special Advising Note:

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

END OF MAJOR

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

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ENVHORT 1	Intro Envhort/Urb For	(3)		EH 101	Plant Identification and Culture	(3)
ENVHORT 6	Intro Environ Plants	(4)		BOT 122	Flowering Plant Identification	(3)
<hr/>						
LND ARC 30	History Environ Design	(4)		NO COMPARABLE COURSE		
<hr/>						
BIOLSCI 2A	Intro Biology: Life on Earth	(5)		BIOL 103	Cell Biology	(5.5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL 101 &	Plant Biology	(4)
				BIOL 102	Animal Biology	(5)
PL SCI 2	Bot Physio Cul Plt	(4)		NO COMPARABLE COURSE		
<hr/>						
CHEM 2A	Genl Chemistry	(5)		CHEM 155	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 155 &	General Chemistry I	(5)
				CHEM 156	General Chemistry II	(5)
<hr/>						
ENV S&P 1	Env Analysis	(4)		NO COMPARABLE COURSE		
	OR				OR	
ENV S&P 10	Current Issues in Environment	(3)		NO COMPARABLE COURSE		
	ENV S&P 10 not open for credit to students who have completed ENV S&P 1				OR	
	OR				OR	
ENV S&P 30	Global Ecosystem	(3)		NO COMPARABLE COURSE		
	Same as: ENV SC&M 30					
<hr/>						
PHYSICS 1A	Principles Physics	(3)		PHYS 105 &	General Physics	(4)
				PHYS 106	General Physics	(4)
PHYSICS 1B	Principles Physics	(3)		PHYS 105 &	General Physics	(4)
				PHYS 106	General Physics	(4)
<hr/>						
PL SCI 21	Computers in Technology	(3)		NO COMPARABLE COURSE		
<hr/>						
MATH 16A	Short Calculus	(3)		MATH 130	Calculus for Biological Sciences,	(5)

				Social Sciences and Business I
			<u>OR</u>	
			MATH 150	Calculus with Analytic Geometry I (5)
				<u>OR</u>
STATIST 13	Elementary Statistics	(4)	MATH 117	Elementary Statistics (4)
Same as:	STATIST 13Y			
			<u>OR</u>	
			MATH 117H	Elementary Statistics, Honors (4)
			<u>OR</u>	
			PSY 150	Statistics for the Behavioral Sciences (4)

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)	COMM 131	Fundamentals of Public Speaking (3)
			<u>OR</u>	
			COMM 131H	Fundamentals of Public Speaking, Honors (3)

END OF MAJOR

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

Special Advising Note:

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

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

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

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

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

COMUNCN 1	Intro Public Spkg	(4)	COMM 131	Fundamentals of Public Speaking	(3)
			<u>OR</u>		
			COMM 131H	Fundamentals of Public Speaking, Honors	(3)
	<u>OR</u>			<u>OR</u>	

COMUNCN 3	Intprsnl Com Cmpetnce	(4)	COMM 121	Interpersonal Communication	(3)
			<u>OR</u>		
			COMM 121H	Interpersonal Communication, Honors	(3)
			<u>OR</u>		
DRAMART 10	Intro To Acting	(4)	TA 111 & TA 112	Beginning Acting Intermediate Acting A	(3) (3)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 103	Cell Biology	(5.5)
			<u>OR</u>		
BIOLSCI 10	Everyday Biology	(4)	BIOL 100	Concepts of Biology	(4)
CHEM 2A	Genl Chemistry	(5)	CHEM 155	General Chemistry I	(5)
			<u>OR</u>		
CHEM 10	Concept of Chem	(4)	NO COMPARABLE COURSE		
PHYSICS 1A	Principles Physics	(3)	PHYS 105 & PHYS 106	General Physics General Physics	(4) (4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 101 & BIOL 102	Plant Biology Animal Biology	(4) (5)
			<u>OR</u>		
CHEM 2B	Genl Chemistry	(5)	CHEM 155 & CHEM 156	General Chemistry I General Chemistry II	(5) (5)
			<u>OR</u>		
PHYSICS 1B	Principles Physics	(3)	PHYS 105 & PHYS 106	General Physics General Physics	(4) (4)

ONE COURSE FROM THE FOLLOWING:

PL SCI 21	Computers in Technology	(3)	NO COMPARABLE COURSE		
			<u>OR</u>		
SCI&SOC 18	GIS & Society	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ECON 1A	Princ of Microecon	(4)	ECON 101	Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 102	Macroeconomics	(3)

ONE COURSE FROM THE FOLLOWING:

AN SCI 1	Domest Ani & People	(4)	NO COMPARABLE COURSE		
ATM SCI 60	Intro to Atmospheric Science	(4)	NO COMPARABLE COURSE		
m) GEOLOGY 1	The Earth	(4)	ERTH 111	Dynamic Earth-Physical Geology	(3)
PL SCI 12	Plants and Society	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	Same as: SCI&SOC 12 FORMERLY PLANT BIO 12				
W&F BIO 51	Intro to Conservation Biology	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ENV S&P 1	Env Analysis	(4)	NO COMPARABLE COURSE		
MATH 16A	Short Calculus	(3)	MATH 130	Calculus for Biological Sciences, Social Sciences and Business I	(5)
			<u>OR</u>		
			MATH 150	Calculus with Analytic Geometry I	(5)

MATH 16B	Short Calculus	(3)	MATH 131	Calculus for Biological Sciences, Social Sciences and Business II	(3)
			<u>OR</u>		
			MATH 160	Calculus with Analytic Geometry II	(5)
	<u>OR</u>		<u>OR</u>		
MATH 17A	Calculus for BioSci	(4)	MATH 130	Calculus for Biological Sciences, Social Sciences and Business I	(5)
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
	<u>OR</u>		<u>OR</u>		
MATH 21A	Calculus	(4)	MATH 150	Calculus with Analytic Geometry I	(5)
MATH 21B	Calculus	(4)	MATH 160	Calculus with Analytic Geometry II	(5)

POL SCI 1	Amer Natl Govt	(4)	POLS 101	American Government and Politics	(3)

STATIST 13	Elementary Statistics	(4)	MATH 117	Elementary Statistics	(4)
	Same as: STATIST 13Y		<u>OR</u>		
			MATH 117H	Elementary Statistics, Honors	(4)
			<u>OR</u>		
			PSY 150	Statistics for the Behavioral Sciences	(4)
	<u>OR</u>		<u>OR</u>		
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		

CLIMATE CHANGE POLICY AREA:					
SCI&SOC 25	Global Climate Change	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

END OF MAJOR

m) If a student takes EARTH 111 at Santa Barbara City College, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.

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

Special Advising Note:

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

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

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

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

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					Public Speaking	
				<u>OR</u>		
				COMM 131H	Fundamentals of Public Speaking, Honors	(3)
	<u>OR</u>					
COMUNCN 3	Intprsnl Com Cmpetnce	(4)		COMM 121	Interpersonal Communication	(3)
				<u>OR</u>		
				COMM 121H	Interpersonal Communication, Honors	(3)
	<u>OR</u>					
DRAMART 10	Intro To Acting	(4)		TA 111 & TA 112	Beginning Acting Intermediate Acting A	(3) (3)

BIOLSCI 2A	Intro Biology:Life on Earth	(5)		BIOL 103	Cell Biology	(5.5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL 101 &	Plant Biology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOL 102 BIOL 101 &	Animal Biology Plant Biology	(5) (4)
				BIOL 102	Animal Biology	(5)

CHEM 2A	Genl Chemistry	(5)		CHEM 155	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 155 & CHEM 156	General Chemistry I General Chemistry II	(5) (5)
	<u>OR</u>					
CHEM 2AH	Honors Genl Chemistry	(5)		NO COMPARABLE COURSE		
CHEM 2BH	Honors Genl Chemistry	(5)		NO COMPARABLE COURSE		

m) GEOLOGY 1	The Earth	(4)		ERTH 111	Dynamic Earth-Physical Geology	(3)
	<u>OR</u>					
m) GEOLOGY 50	Physical Geology	(3)		ERTH 111	Dynamic Earth-Physical Geology	(3)

PHYSICS 1A	Principles Physics	(3)		PHYS 105 & PHYS 106	General Physics General Physics	(4) (4)
PHYSICS 1B	Principles Physics	(3)		PHYS 105 & PHYS 106	General Physics General Physics	(4) (4)
	<u>OR</u>					
PHYSICS 7A	General Physics	(4)		PHYS 105 & PHYS 106	General Physics General Physics	(4) (4)
				<u>OR</u>		
				PHYS 110 & PHYS 111	Introductory Physics Introductory Physics	(4) (4)
PHYSICS 7B	General Physics	(4)		PHYS 105 & PHYS 106	General Physics General Physics	(4) (4)
				<u>OR</u>		
				PHYS 110 & PHYS 111	Introductory Physics Introductory Physics	(4) (4)
PHYSICS 7C	General Physics	(4)		PHYS 105 & PHYS 106	General Physics General Physics	(4) (4)
				<u>OR</u>		
				PHYS 110 & PHYS 111	Introductory Physics Introductory Physics	(4) (4)

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

physics.

ECON 1A	Princ of Microecon	(4)	ECON 101	Microeconomics	(3)
MATH 16A	Short Calculus	(3)	MATH 130	Calculus for Biological Sciences, Social Sciences and Business I	(5)
			<u>OR</u>		
MATH 16B	Short Calculus	(3)	MATH 150	Calculus with Analytic Geometry I	(5)
			MATH 131	Calculus for Biological Sciences, Social Sciences and Business II	(3)
			<u>OR</u>		
			MATH 160	Calculus with Analytic Geometry II	(5)
	<u>OR</u>		<u>OR</u>		
MATH 17A	Calculus for BioSci	(4)	MATH 130	Calculus for Biological Sciences, Social Sciences and Business I	(5)
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
	<u>OR</u>		<u>OR</u>		
MATH 21A	Calculus	(4)	MATH 150	Calculus with Analytic Geometry I	(5)
MATH 21B	Calculus	(4)	MATH 160	Calculus with Analytic Geometry II	(5)
ENV S&P 1	Env Analysis	(4)	NO COMPARABLE COURSE		

RECOMMENDED COURSES FOR THIS MAJOR:

CHEM 2C	Genl Chemistry	(5)	CHEM 156	General Chemistry II	(5)
	<u>OR</u>		<u>OR</u>		
CHEM 2CH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		

PREPARATION FOR GRADUATION:

STATIST 13	Elementary Statistics	(4)	MATH 117	Elementary Statistics	(4)
Same as: STATIST 13Y			<u>OR</u>		
			MATH 117H	Elementary Statistics, Honors	(4)
			<u>OR</u>		
			PSY 150	Statistics for the Behavioral Sciences	(4)

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
Same as: SCI&SOC 10			submitted course(s) for articulation
GEOLOGY 35	Rivers	(3)	NO COMPARABLE COURSE
LND ARC 60	Landform Grading Studio	(6)	NO COMPARABLE COURSE

END OF MAJOR

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

Special Advising Note:

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BIOLSCI 2A	Intro Biology: Life on Earth	(5)		BIOL 103	Cell Biology	(5.5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL 101 &	Plant Biology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOL 102	Animal Biology	(5)
				BIOL 101 &	Plant Biology	(4)
				BIOL 102	Animal Biology	(5)
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CHEM 2A	Genl Chemistry	(5)		CHEM 155	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 155 &	General Chemistry I	(5)
				CHEM 156	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)		CHEM 156	General Chemistry II	(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 211 &	Organic Chemistry I	(3)
				CHEM 221	Organic Chemistry Laboratory I	(2.3)
CHEM 118B	Org Chem, Hlth & Sci	(4)		CHEM 211 &	Organic Chemistry I	(3)
				CHEM 221 &	Organic Chemistry Laboratory I	(2.3)
				CHEM 212 &	Organic Chemistry II	(3)
				CHEM 222	Organic Chemistry Laboratory II	(2.5)
CHEM 118C	Org Chem, Hlth & Sci	(4)		CHEM 212 &	Organic Chemistry II	(3)
				CHEM 222	Organic Chemistry Laboratory II	(2.5)

	OR			OR	
CHEM 128A	Organic Chemistry	(3)	CHEM 211	Organic Chemistry I	(3)
CHEM 128B	Organic Chemistry	(3)	CHEM 211 &	Organic Chemistry I	(3)
			CHEM 212	Organic Chemistry II	(3)
CHEM 128C	Organic Chemistry	(3)	CHEM 212	Organic Chemistry II	(3)
CHEM 129A	Organic Chem Lab	(2)	CHEM 221	Organic Chemistry Laboratory I	(2.3)

MATH 17A	Calculus for BioSci	(4)	MATH 130	Calculus for Biological Sciences, Social Sciences and Business I	(5)
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 150	Calculus with Analytic Geometry I	(5)
MATH 21B	Calculus	(4)	MATH 160	Calculus with Analytic Geometry II	(5)
MATH 21C	Calculus	(4)	MATH 200	Multivariable Calculus	(4)

PHYSICS 7A	General Physics	(4)	PHYS 105 &	General Physics	(4)
			PHYS 106	General Physics	(4)
			OR		
			PHYS 110 &	Introductory Physics	(4)
			PHYS 111	Introductory Physics	(4)
PHYSICS 7B	General Physics	(4)	PHYS 105 &	General Physics	(4)
			PHYS 106	General Physics	(4)
			OR		
			PHYS 110 &	Introductory Physics	(4)
			PHYS 111	Introductory Physics	(4)
PHYSICS 7C	General Physics	(4)	PHYS 105 &	General Physics	(4)
			PHYS 106	General Physics	(4)
			OR		
			PHYS 110 &	Introductory Physics	(4)
			PHYS 111	Introductory Physics	(4)

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

END OF MAJOR

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

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

College Foreign Language Requirement Note:

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

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

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

BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 103	Cell Biology	(5.5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 101 &	Plant Biology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 102	Animal Biology	(5)
			BIOL 101 &	Plant Biology	(4)
			BIOL 102	Animal Biology	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM 155	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 155 &	General Chemistry I	(5)
			CHEM 156	General Chemistry II	(5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM 211	Organic Chemistry I	(3)
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
MATH 17A	Calculus for BioSci	(4)	MATH 130	Calculus for Biological Sciences, Social Sciences and Business I	(5)
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 150	Calculus with Analytic Geometry I	(5)
MATH 21B	Calculus	(4)	MATH 160	Calculus with Analytic Geometry II	(5)
PHYSICS 1A	Principles Physics	(3)	PHYS 105 &	General Physics	(4)
			PHYS 106	General Physics	(4)
PHYSICS 1B	Principles Physics	(3)	PHYS 105 &	General Physics	(4)
			PHYS 106	General Physics	(4)

RECOMMENDED:

MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
	OR			OR	
MATH 21C	Calculus	(4)	MATH 200	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:

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

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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 103	Cell Biology	(5.5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 101 &	Plant Biology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 102	Animal Biology	(5)
			BIOL 101 &	Plant Biology	(4)
			BIOL 102	Animal Biology	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM 155	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 155 &	General Chemistry I	(5)
			CHEM 156	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 156	General Chemistry II	(5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM 211	Organic Chemistry I	(3)
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
	OR			OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 211 &	Organic Chemistry I	(3)
			CHEM 221	Organic Chemistry Laboratory I	(2.3)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 211 &	Organic Chemistry I	(3)
			CHEM 221 &	Organic Chemistry Laboratory I	(2.3)
			CHEM 212 &	Organic Chemistry II	(3)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 222	Organic Chemistry Laboratory II	(2.5)
			CHEM 212 &	Organic Chemistry II	(3)
			CHEM 222	Organic Chemistry Laboratory II	(2.5)
MATH 17A	Calculus for BioSci	(4)	MATH 130	Calculus for Biological Sciences, Social Sciences and Business I	(5)
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
			OR		OR
MATH 21A	Calculus	(4)	MATH 150	Calculus with Analytic	(5)

MATH 21B	Calculus	(4)		MATH 160	Geometry I Calculus with Analytic Geometry II	(5)

PHYSICS 7A	General Physics	(4)		PHYS 105 & PHYS 106	General Physics General Physics	(4) (4)
				<u>OR</u>		
				PHYS 110 & PHYS 111	Introductory Physics Introductory Physics	(4) (4)
PHYSICS 7B	General Physics	(4)		PHYS 105 & PHYS 106	General Physics General Physics	(4) (4)
				<u>OR</u>		
				PHYS 110 & PHYS 111	Introductory Physics Introductory Physics	(4) (4)
PHYSICS 7C	General Physics	(4)		PHYS 105 & PHYS 106	General Physics General Physics	(4) (4)
				<u>OR</u>		
				PHYS 110 & PHYS 111	Introductory Physics Introductory Physics	(4) (4)

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

RECOMMENDED:

MATH 21C	Calculus	(4)		MATH 200	Multivariable Calculus	(4)
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END OF MAJOR

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

CHEM 2A	Genl Chemistry	(5)		CHEM 155	General Chemistry I	(5)
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The undergraduate major Fiber and Polymer Science in the College of Agricultural and Environmental Sciences has been suspended for fall 2017 applicants, and fall 2017 TAGs will not be available. The minor in Fiber and Polymer Science will remain available to these applicants. Fall 2017 applicants are encouraged to consider the Textiles and Clothing major, Textile Science option.

CHEM 2B	Genl Chemistry	(5)		CHEM 155 & CHEM 156	General Chemistry I General Chemistry II	(5) (5)
CHEM 2C	Genl Chemistry	(5)		CHEM 156	General Chemistry II	(5)

B) ENG CS 15	Intro to Computers	(4)		NO COMPARABLE COURSE		
		<u>OR</u>		<u>OR</u>		
ENG CS 36A	Programming	(4)		CS 137	C Programming	(3)
Formerly ENG CS 30						

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 130	Calculus for	(5)
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					Biological Sciences, Social Sciences and Business I
				<u>OR</u>	
MATH 16B	Short Calculus	(3)	MATH 150	Calculus with Analytic Geometry I	(5)
			MATH 131	Calculus for Biological Sciences, Social Sciences and Business II	(3)
				<u>OR</u>	
MATH 16C	Short Calculus	(3)	MATH 160	Calculus with Analytic Geometry II	(5)
			MATH 131	Calculus for Biological Sciences, Social Sciences and Business II	(3)
				<u>OR</u>	
MATH 21A	Calculus	(4)	MATH 160	Calculus with Analytic Geometry II	(5)
				<u>OR</u>	
MATH 21B	Calculus	(4)	MATH 150	Calculus with Analytic Geometry I	(5)
			MATH 160	Calculus with Analytic Geometry II	(5)
MATH 21C	Calculus	(4)	MATH 200	Multivariable Calculus	(4)

PHYSICS 7A	General Physics	(4)	PHYS 105 &	General Physics	(4)
			PHYS 106	General Physics	(4)
				<u>OR</u>	
PHYSICS 7B	General Physics	(4)	PHYS 110 &	Introductory Physics	(4)
			PHYS 111	Introductory Physics	(4)
			PHYS 105 &	General Physics	(4)
			PHYS 106	General Physics	(4)
				<u>OR</u>	
PHYSICS 7C	General Physics	(4)	PHYS 110 &	Introductory Physics	(4)
			PHYS 111	Introductory Physics	(4)
			PHYS 105 &	General Physics	(4)
			PHYS 106	General Physics	(4)
				<u>OR</u>	
			PHYS 110 &	Introductory Physics	(4)
			PHYS 111	Introductory Physics	(4)

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

					<u>OR</u>
PHYSICS 9A	Classical Physics	(5)	PHYS 121	Mechanics of Solids and Fluids	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS 123	Heat, Light and Modern Physics	(5)
PHYSICS 9C	Classical Physics	(5)	PHYS 122	Electricity and Magnetism	(5)

STATIST 13	Elementary Statistics	(4)	MATH 117	Elementary Statistics	(4)
	Same as: STATIST 13Y				
				<u>OR</u>	
			MATH 117H	Elementary Statistics, Honors	(4)
				<u>OR</u>	
			PSY 150	Statistics for the	(4)

TEX&CL 6	Intro Textiles	(4)	NO COMPARABLE COURSE
TEX&CL 8	Textile Apparel Ind OR	(4)	NO COMPARABLE COURSE OR
ENGIN 45	Prop of Mats	(4)	NO COMPARABLE COURSE

PREPARATION FOR GRADUATION:

CHEM 128A	Organic Chemistry	(3)	CHEM 211	Organic Chemistry I	(3)
CHEM 128B	Organic Chemistry	(3)	CHEM 211 &	Organic Chemistry I	(3)
			CHEM 212	Organic Chemistry II	(3)
CHEM 128C	Organic Chemistry	(3)	CHEM 212	Organic Chemistry II	(3)
CHEM 129A	Organic Chem Lab	(2)	CHEM 221	Organic Chemistry Laboratory I	(2.3)
CHEM 129B	Organic Chem Lab	(2)	CHEM 221 &	Organic Chemistry Laboratory I	(2.3)
			CHEM 222	Organic Chemistry Laboratory II	(2.5)

ELECTIVE COURSES:

ECON 1A	Princ of Microecon	(4)	ECON 101	Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 102	Macroeconomics	(3)
MATH 22A	Linear Algebra	(3)	MATH 210	Linear Algebra	(4)
MATH 22B	Differntl Equations	(3)	MATH 220	Differential Equations	(4)
PL SCI 21	Computers in Technology	(3)	NO COMPARABLE COURSE		

END OF MAJOR

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

====Food Science B.S.====**Special Advising Note:**

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

COMUNCN 1	Intro Public Spkg	(4)	COMM 131	Fundamentals of Public Speaking	(3)
			<u>OR</u>		
			COMM 131H	Fundamentals of	(3)

					Public Speaking, Honors	
MATH 16A	Short Calculus	(3)	MATH 130	Calculus for Biological Sciences, Social Sciences and Business I	(5)	
			<u>OR</u>			
MATH 16B	Short Calculus	(3)	MATH 150	Calculus with Analytic Geometry I	(5)	
			MATH 131	Calculus for Biological Sciences, Social Sciences and Business II	(3)	
			<u>OR</u>			
MATH 16C	Short Calculus	(3)	MATH 160	Calculus with Analytic Geometry II	(5)	
			MATH 131	Calculus for Biological Sciences, Social Sciences and Business II	(3)	
			<u>OR</u>			
			MATH 160	Calculus with Analytic Geometry II	(5)	
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 103	Cell Biology	(5.5)	
CHEM 2A	Genl Chemistry	(5)	CHEM 155	General Chemistry I	(5)	
CHEM 2B	Genl Chemistry	(5)	CHEM 155 &	General Chemistry I	(5)	
			CHEM 156	General Chemistry II	(5)	
CHEM 2C	Genl Chemistry	(5)	CHEM 156	General Chemistry II	(5)	
CHEM 8A	Organic Chem-Brief AND	(2)	CHEM 211	Organic Chemistry I	(3)	
CHEM 8B	Organic Chem-Brief OR	(4)	NO COMPARABLE COURSE			
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 211 &	Organic Chemistry I	(3)	
			CHEM 221	Organic Chemistry Laboratory I	(2.3)	
	AND			AND		
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 211 &	Organic Chemistry I	(3)	
			CHEM 221 &	Organic Chemistry Laboratory I	(2.3)	
			CHEM 212 &	Organic Chemistry II	(3)	
			CHEM 222	Organic Chemistry Laboratory II	(2.5)	
	OR			OR		
CHEM 128A	Organic Chemistry AND	(3)	CHEM 211	Organic Chemistry I	(3)	
CHEM 128B	Organic Chemistry AND	(3)	CHEM 211 &	Organic Chemistry I	(3)	
			CHEM 212	Organic Chemistry II	(3)	
	AND			AND		
CHEM 129A	Organic Chem Lab	(2)	CHEM 221	Organic Chemistry Laboratory I	(2.3)	
PHYSICS 7A	General Physics	(4)	PHYS 105 &	General Physics	(4)	
			PHYS 106	General Physics	(4)	
			<u>OR</u>			
			PHYS 110 &	Introductory Physics	(4)	
			PHYS 111	Introductory Physics	(4)	
PHYSICS 7B	General Physics	(4)	PHYS 105 &	General Physics	(4)	
			PHYS 106	General Physics	(4)	

			<u>OR</u>			
				PHYS 110	&	Introductory Physics (4)
				PHYS 111		Introductory Physics (4)
PHYSICS 7C	General Physics	(4)		PHYS 105	&	General Physics (4)
				PHYS 106		General Physics (4)
			<u>OR</u>			
				PHYS 110	&	Introductory Physics (4)
				PHYS 111		Introductory Physics (4)

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

FD S&T 50	Intro Food Preservation	(3)		NO COMPARABLE COURSE		
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STATIST 13	Elementary Statistics	(4)		MATH 117		Elementary Statistics (4)
	Same as: STATIST 13Y					
				<u>OR</u>		
				MATH 117H		Elementary Statistics, Honors (4)
				<u>OR</u>		
				PSY 150		Statistics for the Behavioral Sciences (4)

NUTR 10	Discoveries and Concepts	(3)		BMS 128		Human Nutrition (3)
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RECOMMENDED FOR STUDENTS INTENDING TO PURSUE GRADUATE OR PROFESSIONAL STUDIES:

CHEM 118C	Org Chem, Hlth & Sci	(4)		CHEM 212	&	Organic Chemistry II (3)
				CHEM 222		Organic Chemistry Laboratory II (2.5)
	<u>OR</u>			<u>OR</u>		
CHEM 128C	Organic Chemistry	(3)		CHEM 212		Organic Chemistry II (3)
	<u>AND</u>			<u>AND</u>		
CHEM 129B	Organic Chem Lab	(2)		CHEM 221	&	Organic Chemistry Laboratory I (2.3)
				CHEM 222		Organic Chemistry Laboratory II (2.5)
	<u>AND</u>			<u>AND</u>		
CHEM 129C	Organic Chem Lab	(2)		CHEM 222		Organic Chemistry Laboratory II (2.5)

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

FRENCH 1	Elementary French	(5)	FR 101	Beginning French I	(5)
FRENCH 2	Elementary French	(5)	FR 102	Beginning French II	(5)
FRENCH 3	Elementary French	(5)	FR 103	Intermediate French I	(5)
FRENCH 21	Intermed French	(5)	FR 104	Intermediate French II	(5)
FRENCH 22	Intermed French	(5)	NO COMPARABLE COURSE		
FRENCH 23	Intermed French	(5)	FR 142	Advanced Literary Readings	(2)

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

END OF MAJOR

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

Special Advising Note:

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

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

TWO COURSES FROM THE FOLLOWING:

AF-AMST 10	Af-Am Culture & Soc	(4)	BLST 103 African-American Culture (3)
AF-AMST 17	Women in Africa	(4)	NO COMPARABLE COURSE
AMR STD 21	Objects & Everyday Life	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AMR STD 30	Amr Images Pop Cult	(4)	NO COMPARABLE COURSE
ANTHRO 2	Cultural Anthropology	(5)	ANTH 103 Introduction to Cultural Anthropology (3)
ANTHRO 20	Comparative Cultures	(4)	ANTH 109 Comparative World Cultures (3)
ANTHRO 30	Sexualities	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
A A STD 1	Hist Exp Asian Am	(4)	ASAM 101 Comparative (3)

A A STD 2	Contemp Issues of Asian Americans	(4)	ASAM 102	Asian-American History, 1849 to 1965 Contemporary (3)
CHICANO 10	Intro to Chic Std	(4)	CHST 102	Asian-American History The Chicano and Latino (3) in U.S. History from the 1960s to the Present
			<u>OR</u>	
CHICANO 21	Hlth Care Issues	(4)	CHST 103	Mexican-American (Chicano) Culture (3)
CHICANO 50	Chicano Culture	(4)	NO COMPARABLE COURSE	
			CHST 113	Introduction to Chicano/Mexican-American Literature (3)
COMPLIT 12	Intro Women Writers	(4)	ENG 241	Contemporary Women Writers (3)
DRAMART 1	Theatre, Performance and Culture	(4)	NO COMPARABLE COURSE	
ENGLISH 3	Intro to Lit	(4)	ENG 111	Critical Thinking and Composition Through Literature (3)
			<u>OR</u>	
			ENG 111H	Critical Thinking and Composition through Literature, Honors (3)
e) HISTORY 72A	Am Women & Gender	(4)	HIST 110	History of American Women (3)
e) HISTORY 72B	Am Women & Gender	(4)	HIST 110	History of American Women (3)
HISTORY 85	Nat,Man&Mach/Amer	(4)	NO COURSE	ARTICULATED: College has not submitted course(s)for articulation
N A STD 10	NA Experience	(4)	NATA 103	Native American Cultural Heritage (3)
N A STD 32	NA Music & Dance	(4)	NO COMPARABLE COURSE	
POL SCI 7	Law & Politics	(4)	POLS 151	Law and Society (3)
PSYCH 1	General Psychology	(4)	PSY 100	General Psychology (3)
			<u>OR</u>	
			PSY 100H	General Psychology, Honors (4)
SCI&TEC 1	Intro Sci & Tech Std	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation
SCI&TEC 2	Intro History of Science	(4)		
SCI&TEC 20	Sci & Tec Std Methods	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation
SCI&TEC 32	Drugs, Science and Culture	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation
	Same as: ANTHRO 32			
SOCIOL 2	Self and Society	(4)	SOC 104	Social Psychology (3)
SOCIOL 3	Social Problems	(4)	SOC 109	Social Problems (3)
SOCIOL 11	Sociology of Labor and Employment	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation
SOCIOL 30A	Multicultural Societies	(3)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation
SOCIOL 30B	Multicultural Societies	(3)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation
TEX&CL 7	Style & Cult Std	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation
UWRITING 49	Writing Research Papers Formerly UWRITING 19	(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

END OF MAJOR

e) If a student takes HIST 110 at Santa Barbara City College, credit will be given for UC Davis's HISTORY 72A or 72B, not both.

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

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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 103	Cell Biology	(5.5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 101 &	Plant Biology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 102	Animal Biology	(5)
			BIOL 101 &	Plant Biology	(4)
			BIOL 102	Animal Biology	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM 155	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 155 &	General Chemistry I	(5)
			CHEM 156	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 156	General Chemistry II	(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)	CHEM 211	Organic Chemistry I	(3)
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
	OR			OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 211 &	Organic Chemistry I	(3)
			CHEM 221	Organic Chemistry Laboratory I	(2.3)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 211 &	Organic Chemistry I	(3)
			CHEM 221 &	Organic Chemistry Laboratory I	(2.3)
			CHEM 212 &	Organic Chemistry II	(3)
			CHEM 222	Organic Chemistry Laboratory II	(2.5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 212 &	Organic Chemistry II	(3)
			CHEM 222	Organic Chemistry Laboratory II	(2.5)
MATH 17A	Calculus for BioSci	(4)	MATH 130	Calculus for Biological Sciences,	(5)

Social Sciences and
Business I

MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE	
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE	
	OR			OR
MATH 21A	Calculus	(4)	MATH 150	Calculus with Analytic (5) Geometry I
MATH 21B	Calculus	(4)	MATH 160	Calculus with Analytic (5) Geometry II

PHYSICS 7A	General Physics	(4)	PHYS 105 &	General Physics (4)
			PHYS 106	General Physics (4)
			OR	
			PHYS 110 &	Introductory Physics (4)
			PHYS 111	Introductory Physics (4)
PHYSICS 7B	General Physics	(4)	PHYS 105 &	General Physics (4)
			PHYS 106	General Physics (4)
			OR	
			PHYS 110 &	Introductory Physics (4)
			PHYS 111	Introductory Physics (4)
PHYSICS 7C	General Physics	(4)	PHYS 105 &	General Physics (4)
			PHYS 106	General Physics (4)
			OR	
			PHYS 110 &	Introductory Physics (4)
			PHYS 111	Introductory Physics (4)

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

RECOMMENDED:

MATH 21C	Calculus	(4)	MATH 200	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](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 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.

c) GEOLOGY 3	History of Life	(3)	ERTH 112	History of the Earth	(3)
GEOLOGY 3L	History of Life Lab	(1)	ERTH 112L	Historical Geology Laboratory	(1)
m) GEOLOGY 50	Physical Geology	(3)	ERTH 111	Dynamic Earth-Physical Geology	(3)
GEOLOGY 50L	Physical Geol Lab	(2)	ERTH 111L	Dynamic Earth-Physical Geology Laboratory	(1)
GEOLOGY 60	Earth Materials: Intro	(4)	ERTH 125	Mineralogy and Resources	(5)
MATH 16A	Short Calculus	(3)	MATH 130	Calculus for Biological Sciences, Social Sciences and Business I	(5)
			<u>OR</u>		
			MATH 150	Calculus with Analytic Geometry I	(5)
MATH 16B	Short Calculus	(3)	MATH 131	Calculus for Biological Sciences, Social Sciences and Business II	(3)
			<u>OR</u>		
			MATH 160	Calculus with Analytic Geometry II	(5)
	<u>OR</u>		<u>OR</u>		
MATH 21A	Calculus	(4)	MATH 150	Calculus with Analytic Geometry I	(5)
MATH 21B	Calculus	(4)	MATH 160	Calculus with Analytic Geometry II	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM 155	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 155 & CHEM 156	General Chemistry I & General Chemistry II	(5)

PHYSICS 7A	General Physics	(4)	PHYS 105 &	General Physics	(4)		
			PHYS 106	General Physics	(4)		
			<u>OR</u>				
			PHYS 110 &	Introductory Physics	(4)		
PHYSICS 7B	General Physics	(4)	PHYS 111	Introductory Physics	(4)		
			PHYS 105 &	General Physics	(4)		
			PHYS 106	General Physics	(4)		
			<u>OR</u>				
			PHYS 110 &	Introductory Physics	(4)		
			PHYS 111	Introductory Physics	(4)		

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

STATIST 13	Elementary Statistics	(4)	MATH 117	Elementary Statistics	(4)		
			Same as: STATIST 13Y				
			<u>OR</u>				
			MATH 117H	Elementary Statistics, Honors	(4)		
			<u>OR</u>				
			PSY 150	Statistics for the Behavioral Sciences	(4)		
<u>OR</u>			<u>OR</u>				
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE				

END OF MAJOR

- c) This course is not strictly comparable with UC Davis courses but will fulfill the history of life requirement for the geology major at UC Davis.
- m) If a student takes EARTH 111 at Santa Barbara City College, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.

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

Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. See the [UC Transfer Admission website](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.

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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.

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

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

c) GEOLOGY 3	History of Life	(3)	ERTH 112	History of the Earth	(3)
GEOLOGY 3L	History of Life Lab	(1)	ERTH 112L	Historical Geology Laboratory	(1)
m) GEOLOGY 50	Physical Geology	(3)	ERTH 111	Dynamic Earth-Physical Geology	(3)
GEOLOGY 50L	Physical Geol Lab	(2)	ERTH 111L	Dynamic Earth-Physical Geology Laboratory	(1)
GEOLOGY 60	Earth Materials: Intro	(4)	ERTH 125	Mineralogy and Resources	(5)
GEOLOGY 62	Optical Mineralogy	(2)	NO COMPARABLE COURSE		
MATH 21A	Calculus	(4)	MATH 150	Calculus with Analytic Geometry I	(5)
MATH 21B	Calculus	(4)	MATH 160	Calculus with Analytic Geometry II	(5)
MATH 21C	Calculus	(4)	MATH 200	Multivariable Calculus	(4)
CHEM 2A	Genl Chemistry	(5)	CHEM 155	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 155 &	General Chemistry I	(5)
			CHEM 156	General Chemistry II	(5)

SELECT ONE OF THE FOLLOWING THREE OPTIONS:

GENERAL GEOLOGY OPTION:

CHEM 2C	Genl Chemistry	(5)	CHEM 156	General Chemistry II	(5)
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		
PHYSICS 7A	General Physics	(4)	PHYS 105 &	General Physics	(4)
			PHYS 106	General Physics	(4)
			<u>OR</u>		
			PHYS 110 &	Introductory Physics	(4)
			PHYS 111	Introductory Physics	(4)
PHYSICS 7B	General Physics	(4)	PHYS 105 &	General Physics	(4)
			PHYS 106	General Physics	(4)
			<u>OR</u>		
			PHYS 110 &	Introductory Physics	(4)
			PHYS 111	Introductory Physics	(4)
PHYSICS 7C	General Physics	(4)	PHYS 105 &	General Physics	(4)
			PHYS 106	General Physics	(4)
			<u>OR</u>		
			PHYS 110 &	Introductory Physics	(4)
			PHYS 111	Introductory Physics	(4)

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

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

	OR		OR	
PHYSICS 9A	Classical Physics	(5)		PHYS 121 Mechanics of Solids (5)
				and Fluids
PHYSICS 9B	Classical Physics	(5)		PHYS 123 Heat, Light and Modern (5)
				Physics
PHYSICS 9C	Classical Physics	(5)		PHYS 122 Electricity and (5)
				Magnetism

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

GEOCHEMISTRY/PETROLOGY OPTION:

CHEM 2C	Genl Chemistry	(5)		CHEM 156 General Chemistry II (5)
STATIST 32	Gateway to Data Science	(4)		NO COMPARABLE COURSE
MATH 21D	Vector Analysis	(4)		MATH 200 Multivariable Calculus (4)
PHYSICS 9A	Classical Physics	(5)		PHYS 121 Mechanics of Solids (5)
				and Fluids
PHYSICS 9B	Classical Physics	(5)		PHYS 123 Heat, Light and Modern (5)
				Physics

QUANTITATIVE/GEOPHYSICS OPTION:

MATH 21D	Vector Analysis	(4)		MATH 200 Multivariable Calculus (4)
MATH 22A	Linear Algebra	(3)		MATH 210 Linear Algebra (4)
PHYSICS 9A	Classical Physics	(5)		PHYS 121 Mechanics of Solids (5)
				and Fluids
PHYSICS 9B	Classical Physics	(5)		PHYS 123 Heat, Light and Modern (5)
				Physics
PHYSICS 9C	Classical Physics	(5)		PHYS 122 Electricity and (5)
				Magnetism

END OF MAJOR

- c) This course is not strictly comparable with UC Davis courses but will fulfill the history of life requirement for the geology major at UC Davis.
- m) If a student takes EARTH 111 at Santa Barbara City College, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

GERMAN 1	Elementary German	(5)		GER 101	Beginning German I	(4)
GERMAN 2	Elementary German	(5)		GER 101 &	Beginning German I	(4)
				GER 102	Beginning German II	(5)
GERMAN 3	Elementary German	(5)		GER 102	Beginning German II	(5)
GERMAN 20	Intermediate German	(4)		GER 103 &	Intermediate German I	(5)
				GER 104	Intermediate German II	(5)
GERMAN 21	Intermediate German	(4)		NO COMPARABLE COURSE		
GERMAN 22	Intermediate German	(4)		NO COMPARABLE COURSE		

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

available from our TAG website.

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 103	Cell Biology	(5.5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 101 &	Plant Biology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 102	Animal Biology	(5)
			BIOL 101 &	Plant Biology	(4)
			BIOL 102	Animal Biology	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM 155	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 155 &	General Chemistry I	(5)
			CHEM 156	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 156	General Chemistry II	(5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM 211	Organic Chemistry I	(3)
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
			OR		
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 211 &	Organic Chemistry I	(3)
			CHEM 221	Organic Chemistry Laboratory I	(2.3)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 211 &	Organic Chemistry I	(3)
			CHEM 221 &	Organic Chemistry Laboratory I	(2.3)
			CHEM 212 &	Organic Chemistry II	(3)
			CHEM 222	Organic Chemistry Laboratory II	(2.5)
MATH 17A	Calculus for BioSci	(4)	MATH 130	Calculus for Biological Sciences, Social Sciences and Business I	(5)
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
PHYSICS 7A	General Physics	(4)	PHYS 105 &	General Physics	(4)
			PHYS 106	General Physics	(4)
PHYSICS 7B	General Physics	(4)	OR		
			PHYS 110 &	Introductory Physics	(4)
			PHYS 111	Introductory Physics	(4)
			PHYS 105 &	General Physics	(4)
			PHYS 106	General Physics	(4)
OR			PHYS 110 &	Introductory Physics	(4)
			PHYS 111	Introductory Physics	(4)

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

PREPARATION FOR GRADUATION:

STATIST 13	Elementary Statistics	(4)	MATH 117	Elementary Statistics	(4)
Same as: STATIST 13Y					
			<u>OR</u>		
			MATH 117H	Elementary Statistics, Honors	(4)
			<u>OR</u>		
			PSY 150	Statistics for the Behavioral Sciences	(4)

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 COURSE ARTICULATED: College has not submitted course(s) for articulation
 HISTORY 9B East Asian Civ (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation

C. EUROPE

HISTORY 4A Western Civ (4) | HIST 103 History of Western Civilization (3)
 HISTORY 4B Western Civ (4) | HIST 103 & History of Western Civilization (3)
 | HIST 104 History of Western Civilization (3)
 | OR
 | HIST 113H & History of Western Civilization: 1600 to Present, Honors (4)
 | HIST 104 History of Western Civilization (3)
 HISTORY 4C Western Civ (4) | HIST 104 History of Western Civilization (3)
 | OR
 | HIST 113H History of Western Civilization: 1600 to Present, Honors (4)

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 COMPARABLE COURSE

F. UNITED STATES

HISTORY 17A U.S. History (4) | HIST 101 History of the U.S. to 1877 (3)
 HISTORY 17B U.S. History (4) | HIST 102 History of the U.S. since 1865 (3)
 | OR
 | HIST 102H History of the United States since 1865, Honors (4)
 HISTORY 18A Race in America to 1865 (4) | NO COURSE ARTICULATED
 e) HISTORY 72A Am Women & Gender (4) | HIST 110 History of American Women (3)
 e) HISTORY 72B Am Women & Gender (4) | HIST 110 History of American (3)

HISTORY 80	US in the Middle East	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	Women
HISTORY 85	Nat, Man & Mach/Amer	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	

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 107 World Civilization, Beginnings to 1550	(3)
HISTORY 10B	World History 1350-1850	(4)	HIST 107 & World Civilization, Beginnings to 1550	(3)
			HIST 108 World Civilization, 1550 to Present	(3)
HISTORY 10C	World History III	(4)	HIST 108 World Civilization, 1550 to Present	(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

e) If a student takes HIST 110 at Santa Barbara City College, credit will be given for UC Davis's HISTORY 72A or 72B, not both.

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

Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](http://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 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)		ANTH 101	Physical Anthropology	(3)
				<u>OR</u>		
				ANTH 101H	Physical Anthropology, Honors	(4)
ANTHRO 2	Cultural Anthropology	(5)		ANTH 103	Introduction to 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 103	Cell Biology	(5.5)
	OR				OR	
BIOLSCI 10	Everyday Biology	(4)		BIOL 100	Concepts of Biology	(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 101	History of the U.S. to 1877	(3)
	OR				OR	
HISTORY 17B	U.S. History	(4)		HIST 102	History of the U.S. since 1865	(3)
				OR		
				HIST 102H	History of the United States since 1865, Honors	(4)
	OR				OR	
e) HISTORY 72A	Am Women & Gender	(4)		HIST 110	History of American Women	(3)
	OR				OR	
e) HISTORY 72B	Am Women & Gender	(4)		HIST 110	History of American Women	(3)
	OR				OR	
POL SCI 1	Amer Natl Govt	(4)		POLS 101	American Government and Politics	(3)

Select two of the following courses:

d) PHILOS 5	Critical Reasoning	(4)		PHIL 205	Introduction to Logic	(3)
PHILOS 15	Intro to Bioethics	(4)		NO COMPARABLE COURSE		
PHILOS 30	Intro Philos of Sci	(4)		NO COMPARABLE COURSE		
PHILOS 31	Scientific Reason	(4)		NO COMPARABLE COURSE		
PHILOS 32	Scientific Change	(4)		PHIL 204	History and Philosophy of the Great Ideas of Physics	(3)
PHILOS 38	Intro Philos of Biol	(4)		NO COMPARABLE COURSE		

NE PH B 10	Elem Human Physio	(3)		BMS 100	The Human Body	(4)
				OR		
				BMS 108	Human Physiology	(4)

PSYCH 1	General Psychology	(4)		PSY 100	General Psychology	(3)
				OR		
				PSY 100H	General Psychology, Honors	(4)

Select one of the following options:

PSYCH 41	Research Methods	(4)		PSY 200	Research Methods and Experimental Design in Psychology	(4)
	OR				OR	
SOCIOL 46A	Intro Social Rsch	(4)		SOC 115	Introduction to Social	(3)

				Research	
	AND			AND	
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE		
	OR			OR	
STATIST 10	Statist Thinking	(4)	NO COMPARABLE COURSE		
	OR			OR	
STATIST 13	Elementary Statistics	(4)	MATH 117	Elementary Statistics	(4)
Same as: STATIST 13Y					
			OR		
			MATH 117H	Elementary Statistics, Honors	(4)
			OR		
			PSY 150	Statistics for the Behavioral Sciences	(4)

END OF MAJOR

- e) If a student takes HIST 110 at Santa Barbara City College, credit will be given for UC Davis's HISTORY 72A or 72B, not both.
- d) If a student takes PHIL 205 at Santa Barbara City College, credit will be given for UC Davis's PHILOS 5 or 12, not both.

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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BIOLSCI 2A	Intro Biology: Life on Earth	(5)		BIOL 103	Cell Biology	(5.5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL 101 &	Plant Biology	(4)
				BIOL 102	Animal Biology	(5)
<hr/>						
CHEM 2A	Genl Chemistry	(5)		CHEM 155	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 155 &	General Chemistry I	(5)
				CHEM 156	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)		CHEM 156	General Chemistry II	(5)
<hr/>						
PHYSICS 9A	Classical Physics	(5)		PHYS 121	Mechanics of Solids and Fluids	(5)
PHYSICS 9B	Classical Physics	(5)		PHYS 123	Heat, Light and Modern Physics	(5)
PHYSICS 9C	Classical Physics	(5)		PHYS 122	Electricity and Magnetism	(5)
<hr/>						
MATH 21A	Calculus	(4)		MATH 150	Calculus with Analytic Geometry I	(5)
MATH 21B	Calculus	(4)		MATH 160	Calculus with Analytic	(5)

MATH 21C	Calculus	(4)	MATH 200	Geometry II Multivariable Calculus	(4)
MATH 21D	Vector Analysis	(4)	MATH 200	Multivariable Calculus	(4)
MATH 22A	Linear Algebra	(3)	MATH 210	Linear Algebra	(4)
MATH 22B	Differntl Equations	(3)	MATH 220	Differential Equations	(4)

m) GEOLOGY 50	Physical Geology	(3)	ERTH 111	Dynamic Earth-Physical Geology	(3)
GEOLOGY 50L	Physical Geol Lab	(2)	ERTH 111L	Dynamic Earth-Physical Geology Laboratory	(1)

ENGIN 6	Engr Prob Solving	(4)	CS 133	Introduction to Programming for Engineers	(3)
END OF MAJOR					

m) If a student takes EARTH 111 at Santa Barbara City College, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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.

INT AG 10	Intro Intl Ag Development	(4)		NO COMPARABLE COURSE	
PL SCI 2	Bot Physio Cul Plt	(4)		NO COMPARABLE COURSE	
SOILSCI 10	Soils in Our Environment	(3)		NO COMPARABLE COURSE	
ECON 1A	Princ of Microecon	(4)		ECON 101	Microeconomics (3)
	AND			AND	
ECON 1B	Princ of Macroecon	(4)		ECON 102	Macroeconomics (3)
STATIST 13	Elementary Statistics	(4)		MATH 117	Elementary Statistics (4)
	Same as: STATIST 13Y			OR	
				MATH 117H	Elementary Statistics, Honors (4)
				OR	
				PSY 150	Statistics for the Behavioral Sciences (4)
	OR			OR	
SOCIOL 46B	Intro Social Rsch	(5)		NO COMPARABLE COURSE	

MATH 16A	Short Calculus	(3)	MATH 130	Calculus for Biological Sciences, Social Sciences and Business I	(5)
			<u>OR</u>		
			MATH 150	Calculus with Analytic Geometry I	(5)

CM&RGDE 1	The Community	(4)	NO COMPARABLE COURSE
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SIX QUARTER UNITS FROM THE FOLLOWING:

AGRESEC 15	Pop, Envr, World Agri	(4)	NO 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)	BMS 128 Human Nutrition (3)
PL SCI 1	Agr Nature & Society	(3)	NO COMPARABLE COURSE
PL SCI 15	Intro Sustainable Agriculture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PL SCI 49	Org Crop Prod Prac	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

FOREIGN LANGUAGE REQUIREMENT:

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

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

AREAS OF SPECIALIZATION:

AGRICULTURAL PRODUCTION OPTION:

BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 103	Cell Biology	(5.5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 101 &	Plant Biology	(4)
			BIOL 102	Animal Biology	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM 155	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 155 &	General Chemistry I	(5)
			CHEM 156	General Chemistry II	(5)

TRADE AND ECONOMIC DEVELOPMENT OPTION:

MATH 16B	Short Calculus	(3)	MATH 131	Calculus for Biological Sciences, Social Sciences and Business II	(3)
			<u>OR</u>		
			MATH 160	Calculus with Analytic Geometry II	(5)
SOCIOL 1	Intro Sociology	(5)	SOC 101	Introduction to Sociology	(3)
			<u>OR</u>		
ANTHRO 2	Cultural Anthropology	(5)	ANTH 103	Introduction to 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 103	Cell Biology	(5.5)
BIOLSCI 2B	Intro Biology: Ecology	(5)	BIOL 101 &	Plant Biology	(4)

	& Evolution			
ENV S&P 1	Env Analysis	(4)	BIOL 102 Animal Biology	(5)
			NO COMPARABLE COURSE	

RURAL COMMUNITIES OPTION:

SOCIOL 1	Intro Sociology	(5)	SOC 101 Introduction to Sociology	(3)
ANTHRO 2	Cultural Anthropology	(5)	ANTH 103 Introduction to 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)	ANTH 103	Introduction to Cultural Anthropology	(3)
	OR			OR	
ECON 1A	Princ of Microecon	(4)	ECON 101	Microeconomics	(3)

ECON 1B	Princ of Macroecon	(4)	ECON 102	Macroeconomics	(3)

HISTORY 4C	Western Civ	(4)	HIST 104	History of Western Civilization	(3)
			OR		
			HIST 113H	History of Western Civilization: 1600 to Present, Honors	(4)
	OR			OR	
HISTORY 10C	World History III	(4)	HIST 108	World Civilization, 1550 to Present	(3)

POL SCI 2	Intro Comp Politics	(4)	POLS 131	Comparative Politics	(3)

POL SCI 3	Internatl Relations	(4)	POLS 121	International Politics	(3)

POL SCI 12Y	Data Visualization	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	Same as: COMUNCN 12Y, PSYCH 12Y				
	SOCIOL 12Y				
	OR			OR	
STATIST 13	Elementary Statistics	(4)	MATH 117	Elementary Statistics	(4)
	Same as: STATIST 13Y				
			OR		
			MATH 117H	Elementary Statistics, Honors	(4)
			OR		
			PSY 150	Statistics for the Behavioral Sciences	(4)
	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)	CHIN 101	Beginning Chinese I	(5)
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)	FR 101 Beginning French I (5)
FRENCH 2	Elementary French	(5)	FR 102 Beginning French II (5)
FRENCH 3	Elementary French	(5)	FR 103 Intermediate French I (5)
FRENCH 21	Intermed French	(5)	FR 104 Intermediate French II (5)
FRENCH 22	Intermed French	(5)	NO COMPARABLE COURSE
OR			OR
GERMAN 1	Elementary German	(5)	GER 101 Beginning German I (4)
GERMAN 2	Elementary German	(5)	GER 101 & Beginning German I (4)
			GER 102 Beginning German II (5)
GERMAN 3	Elementary German	(5)	GER 102 Beginning German II (5)
GERMAN 20	Intermediate German	(4)	GER 103 & Intermediate German I (5)
			GER 104 Intermediate German II (5)
GERMAN 21	Intermediate German	(4)	NO COMPARABLE COURSE
OR			OR
HEBREW 1	Elem Hebrew	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HEBREW 2	Elem Hebrew	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HEBREW 3	Elem Hebrew	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HEBREW 21	Intermed Modern Hebrew I	(4)	NO 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)	ITAL 101 Beginning Italian I (5)
ITALIAN 2	Elementary Italian	(5)	ITAL 101 & Beginning Italian I (5)
			ITAL 102 Beginning Italian II (5)
ITALIAN 3	Elementary Italian	(5)	ITAL 102 Beginning Italian II (5)
ITALIAN 4	Interm Italian	(4)	ITAL 103 Intermediate Italian I (5)
ITALIAN 5	Interm Italian	(4)	NO COMPARABLE COURSE
OR			OR
ITALIAN 1	Elementary Italian	(5)	ITAL 101 Beginning Italian I (5)
ITALIAN 2	Elementary Italian	(5)	ITAL 101 & Beginning Italian I (5)

ITALIAN 3	Elementary Italian	(5)	ITAL 102	Beginning Italian II	(5)
ITALIAN 8A	Italian Convers	(3)	ITAL 102	Beginning Italian II	(5)
			ITAL 130	Intermediate Conversation	(2)
ITALIAN 8B	Italian Convers	(3)	ITAL 140	Advanced Conversation	(2)
	OR			OR	
y) JPNESE 1	Elem Japanese	(5)	JAPN 101	Beginning Japanese I	(5)
y) JPNESE 2	Elem Japanese	(5)	JAPN 101	& Beginning Japanese I	(5)
			JAPN 102		Beginning Japanese II
y) JPNESE 3	Elem Japanese	(5)	JAPN 102	Beginning Japanese II	(5)
y) JPNESE 4	Inter Japanese	(5)	JAPN 103	& Intermediate Japanese I	(5)
			JAPN 130		Intermediate Japanese Conversation I
			JAPN 140	Intermediate Japanese Conversation I	(2)
y) JPNESE 5	Inter Japanese	(5)	JAPN 103	& Intermediate Japanese I	(5)
			JAPN 130		Intermediate Japanese Conversation I
			JAPN 140	Intermediate Japanese Conversation I	(2)
y) JPNESE 6	Inter Japanese	(5)	NO COMPARABLE COURSE		
	OR			OR	
PORTUG 1	Elementary Portuguese	(5)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
PORTUG 2	Elementary Portuguese	(5)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
PORTUG 3	Elementary Portuguese	(5)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
PORTUG 21	Intermediate Portuguese	(5)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
PORTUG 22	Intermediate Portuguese	(5)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
	OR			OR	
RUSSIAN 1	Elementary Russian	(5)	NO COMPARABLE COURSE		
RUSSIAN 2	Elementary Russian	(5)	NO COMPARABLE COURSE		
RUSSIAN 3	Elementary Russian	(5)	NO COMPARABLE COURSE		
RUSSIAN 4	Intermed Russian	(4)	NO COMPARABLE COURSE		
RUSSIAN 5	Intermed Russian	(4)	NO COMPARABLE COURSE		

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

	OR			OR	
SPANISH 1	Elementary Spanish	(5)	SPAN 101	Beginning Spanish I	(5)
SPANISH 2	Elementary Spanish	(5)	SPAN 101	& Beginning Spanish I	(5)
			SPAN 102		Beginning Spanish II
SPANISH 3	Elementary Spanish	(5)	SPAN 102	Beginning Spanish II	(5)
SPANISH 21	Intm Spanish	(5)	SPAN 103	Intermediate Spanish I	(5)
SPANISH 22	Intm Spanish	(5)	SPAN 104	Intermediate Spanish II	(5)
	OR			OR	
SPANISH 31	Int Span Nat Spk I	(5)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
SPANISH 32	Int Span Nat Spk II	(5)	NO COMPARABLE COURSE		
SPANISH 33	Int Span Nat Spk III	(5)	NO COMPARABLE COURSE		

Advising Note: Transfer students are strongly encouraged to review the structure of the major and be cognizant of any changes made to the curriculum of the program and/or specific tracks within the major. Certain upper-division courses require completion of prerequisite courses. In addition, the

international relations major offers several options for completing upper-division coursework for the major. There are upper-division economics courses in some of the options that require calculus as a prerequisite. Consult the [UC Davis General Catalog](#), available online, or consult an advisor to learn if the option you will choose contains economics courses with a calculus prerequisite.

END OF MAJOR

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

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

ITALIAN 1	Elementary Italian	(5)	ITAL 101	Beginning Italian I	(5)
ITALIAN 2	Elementary Italian	(5)	ITAL 101 & ITAL 102	Beginning Italian I	(5)
ITALIAN 3	Elementary Italian	(5)	ITAL 102	Beginning Italian II	(5)
ITALIAN 4	Interm Italian	(4)	ITAL 103	Beginning Italian II	(5)
ITALIAN 5	Interm Italian	(4)		Intermediate Italian I	(5)
ITALIAN 9	Reading Italian	(4)		NO COMPARABLE COURSE	
				NO COMPARABLE COURSE	

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

END OF MAJOR

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

Special Advising Note:

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

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

Japanese Placement Examination Note:

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

College Foreign Language Requirement Note:

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

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

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

y) JPNESE 1	Elem Japanese	(5)	JAPN 101	Beginning Japanese I	(5)
y) JPNESE 2	Elem Japanese	(5)	JAPN 101 &	Beginning Japanese I	(5)
			JAPN 102	Beginning Japanese II	(5)
y) JPNESE 3	Elem Japanese	(5)	JAPN 102	Beginning Japanese II	(5)
y) JPNESE 4	Inter Japanese	(5)	JAPN 103 &	Intermediate Japanese I	(5)
			JAPN 130 &	Intermediate Japanese Conversation I	(2)
			JAPN 140	Intermediate Japanese Conversation I	(2)
y) JPNESE 5	Inter Japanese	(5)	JAPN 103 &	Intermediate Japanese I	(5)
			JAPN 130 &	Intermediate Japanese Conversation I	(2)
			JAPN 140	Intermediate Japanese Conversation I	(2)
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 COURSE ARTICULATED: College has not submitted course(s) for articulation		
	Same as: JPNESE 50				
LINGUIS 1	Intro Linguistics	(4)	ANTH 104	Language and Culture	(3)
HISTORY 9B	East Asian Civ	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

END OF MAJOR

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

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

Special Advising Note:

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

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

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

PRE-MAJOR REQUIREMENT:

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

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

COMUNCN 1	Intro Public Spkg	(4)	COMM 131	Fundamentals of Public Speaking	(3)
			OR		
			COMM 131H	Fundamentals of Public Speaking, Honors	(3)
ENGLISH 3	Intro to Lit	(4)	ENG 111	Critical Thinking and Composition Through Literature	(3)
			OR		
			ENG 111H	Critical Thinking and Composition through Literature, Honors	(3)
	OR		OR		
UWRITING 1	Expository Writing	(4)	ENG 110	Composition and Reading	(3)
			OR		
			ENG 110H	Composition and Reading, Honors	(3)
	OR		OR		
UWRITING 48	Style in the Essay	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	Formerly UWRITING 18				
	OR		OR		
UWRITING 49	Writing Research Papers	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	Formerly UWRITING 19				
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 101 &	Plant Biology	(4)
			BIOL 102	Animal Biology	(5)
ENVHORT 6	Intro Environ Plants	(4)	BOT 122	Flowering Plant Identification	(3)

ONE COURSE FROM THE FOLLOWING:

MATH 16A	Short Calculus	(3)	MATH 130	Calculus for Biological Sciences, Social Sciences and Business I	(5)
			<u>OR</u>		
			MATH 150	Calculus with Analytic Geometry I	(5)
STATIST 13	Elementary Statistics	(4)	MATH 117	Elementary Statistics	(4)
	Same as: STATIST 13Y				
			<u>OR</u>		
			MATH 117H	Elementary Statistics, Honors	(4)
			<u>OR</u>		
			PSY 150	Statistics for the Behavioral Sciences	(4)
ENG CS 32A	Intro to Programming	(4)	CS 101	Computer Concepts	(4)
	Formerly ENG CS 10				
			<u>OR</u>		
			CS 105	Theory and Practice I	(3)

ONE COURSE FROM THE FOLLOWING:

CHEM 2A	Genl Chemistry	(5)	CHEM 155	General Chemistry I	(5)
CHEM 10	Concept of Chem	(4)	NO COMPARABLE COURSE		
PHYSICS 1A	Principles Physics	(3)	PHYS 105 &	General Physics	(4)
			PHYS 106	General Physics	(4)
PHYSICS 10	Topics, Nonscientists	(4)	PHYS 101	Conceptual Physics	(3)
m) GEOLOGY 1	The Earth	(4)	ERTH 111	Dynamic Earth-Physical Geology	(3)
SOILSCI 10	Soils in Our Environment	(3)	NO COMPARABLE COURSE		

LND ARC 1	Intro Environ Design	(4)	NO COMPARABLE COURSE		
LND ARC 2	Place, Culture, Community	(4)	NO COMPARABLE COURSE		
LND ARC 3	Sustainable Development	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
LND ARC 21	Landscape Rep I Formerly Design Visualization	(4)	NO COMPARABLE COURSE		
LND ARC 23	Landscape Rep II	(3)	NO COURSE ARTICULATED		
LND ARC 30	History Environ Design	(4)	NO COMPARABLE COURSE		
LND ARC 50	Site Ecology	(4)	NO COMPARABLE COURSE		
LND ARC 60	Landform Grading Studio	(6)	NO COMPARABLE COURSE		
LND ARC 70	Intro to Spacemaking	(4)	NO COMPARABLE COURSE		

Two courses in Arts and Humanities selected from the UC Davis GE/Breadth Articulation Agreement TB: Arts and Humanities (www.ASSIST.org 16-17 agreement)

Two courses in Social Sciences selected from the UC Davis GE/Breadth Articulation Agreement TB: Social Sciences.

END OF MAJOR

m) If a student takes EARTH 111 at Santa Barbara City College, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.

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

Special Advising Note:

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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)| ANTH 104 Language and Culture (3)

FOREIGN LANGUAGE: One course beyond the 15 quarter unit requirement of the College of Letters and Science, in the same language used to fulfill the college requirement

END OF MAJOR

====Managerial Economics B.S.====

Special Advising Note:

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

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

Special Advising Note for Future Applicants*

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

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

Strive to achieve your highest possible GPA in order to be most competitive. Transfer students must complete courses comparable to the following UC Davis courses with a GPA of at least 2.50 for the course groups. Additionally, transfer applicants must have already achieved the required GPA in any of these courses that have been completed at the time the transfer academic update is submitted. Courses must be taken for a letter grade, with no grade less than C. (Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents).

-Mathematics 16A/B or Mathematics 17A/B or Mathematics 21A/B

-Economics 1A/B

-Statistics 13

*Information for future applicants is subject to change.

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

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

COMUNCN 1	Intro Public Spkg	(4)	COMM 131	Fundamentals of Public Speaking	(3)
			OR		
			COMM 131H	Fundamentals of Public Speaking, Honors	(3)
	OR		OR		
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	COMM 121	Interpersonal Communication	(3)
			OR		
			COMM 121H	Interpersonal Communication, Honors	(3)
<hr/>					
AGRESEC 18	Business Law	(4)	BLAW 110	Legal Environment of Business	(4)
<hr/>					
ECON 1A	Princ of Microecon	(4)	ECON 101	Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 102	Macroeconomics	(3)
<hr/>					
PL SCI 21	Computers in Technology	(3)	NO COMPARABLE COURSE		
	OR		OR		
B) ENG CS 15	Intro to Computers	(4)	NO COMPARABLE COURSE		

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

MGMT 11A	Elem Accounting	(4)	ACCT 230	Financial Accounting	(5)
MGMT 11B	Elem Accounting	(4)	ACCT 240	Managerial Accounting	(4)
MATH 16A	Short Calculus	(3)	MATH 130	Calculus for Biological Sciences, Social Sciences and Business I	(5)
			<u>OR</u>		
			MATH 150	Calculus with Analytic Geometry I	(5)
MATH 16B	Short Calculus	(3)	MATH 131	Calculus for Biological Sciences, Social Sciences and Business II	(3)
			<u>OR</u>		
			MATH 160	Calculus with Analytic Geometry II	(5)
MATH 16C	Short Calculus	(3)	MATH 131	Calculus for Biological Sciences, Social Sciences and Business II	(3)
			<u>OR</u>		
			MATH 160	Calculus with Analytic Geometry II	(5)
	<u>OR</u>		<u>OR</u>		
MATH 17A	Calculus for BioSci	(4)	MATH 130	Calculus for Biological Sciences, Social Sciences and Business I	(5)
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
	<u>OR</u>		<u>OR</u>		
MATH 21A	Calculus	(4)	MATH 150	Calculus with Analytic Geometry I	(5)
MATH 21B	Calculus	(4)	MATH 160	Calculus with Analytic Geometry II	(5)
STATIST 13	Elementary Statistics	(4)	MATH 117	Elementary Statistics	(4)
	Same as: STATIST 13Y		<u>OR</u>		
			MATH 117H	Elementary Statistics, Honors	(4)
			<u>OR</u>		
			PSY 150	Statistics for the Behavioral Sciences	(4)

END OF MAJOR

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

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

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

Transfer students must also meet UC transfer admission requirements. See the

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

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 103	Cell Biology	(5.5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL 101 &	Plant Biology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOL 102	Animal Biology	(5)
				BIOL 101 &	Plant Biology	(4)
				BIOL 102	Animal Biology	(5)
<hr/>						
CHEM 2A	Genl Chemistry	(5)		CHEM 155	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 155 &	General Chemistry I	(5)
				CHEM 156	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)		CHEM 156	General Chemistry II	(5)
<hr/>						
MATH 16A	Short Calculus	(3)		MATH 130	Calculus for Biological Sciences, Social Sciences and Business I	(5)
				<u>OR</u>		
				MATH 150	Calculus with Analytic Geometry I	(5)
MATH 16B	Short Calculus	(3)		MATH 131	Calculus for Biological Sciences, Social Sciences and Business II	(3)
				<u>OR</u>		
				MATH 160	Calculus with Analytic Geometry II	(5)
MATH 16C	Short Calculus	(3)		MATH 131	Calculus for Biological Sciences, Social Sciences and Business II	(3)
				<u>OR</u>		
				MATH 160	Calculus with Analytic Geometry II	(5)
	<u>OR</u>			<u>OR</u>		
MATH 17A	Calculus for BioSci	(4)		MATH 130	Calculus for	(5)

Biological Sciences,
Social Sciences and
Business I

MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE	
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE	
	OR			OR
MATH 21A	Calculus	(4)	MATH 150	Calculus with Analytic (5) Geometry I
MATH 21B	Calculus	(4)	MATH 160	Calculus with Analytic (5) Geometry II
MATH 21C	Calculus	(4)	MATH 200	Multivariable Calculus (4)

PHYSICS 7A	General Physics	(4)	PHYS 105 &	General Physics (4)
			PHYS 106	General Physics (4)
			OR	
			PHYS 110 &	Introductory Physics (4)
			PHYS 111	Introductory Physics (4)
PHYSICS 7B	General Physics	(4)	PHYS 105 &	General Physics (4)
			PHYS 106	General Physics (4)
			OR	
			PHYS 110 &	Introductory Physics (4)
			PHYS 111	Introductory Physics (4)
PHYSICS 7C	General Physics	(4)	PHYS 105 &	General Physics (4)
			PHYS 106	General Physics (4)
			OR	
			PHYS 110 &	Introductory Physics (4)
			PHYS 111	Introductory Physics (4)

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

	OR			OR
PHYSICS 9A	Classical Physics	(5)	PHYS 121	Mechanics of Solids (5) and Fluids
PHYSICS 9B	Classical Physics	(5)	PHYS 123	Heat, Light and Modern (5) Physics
PHYSICS 9C	Classical Physics	(5)	PHYS 122	Electricity and (5) Magnetism

STRONGLY RECOMMENDED:

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

END OF MAJOR

**====Marine and Coastal Science B.S. (Marine Ecology and Organismal Biology)====
Special Advising Note:**

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

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

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

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

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 103	Cell Biology	(5.5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 101 &	Plant Biology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 102	Animal Biology	(5)
			BIOL 101 &	Plant Biology	(4)
			BIOL 102	Animal Biology	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM 155	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 155 &	General Chemistry I	(5)
			CHEM 156	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 156	General Chemistry II	(5)
	AND			AND	
CHEM 8A	Organic Chem-Brief	(2)	CHEM 211	Organic Chemistry I	(3)
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
MATH 17A	Calculus for BioSci	(4)	MATH 130	Calculus for Biological Sciences, Social Sciences and Business I	(5)
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 150	Calculus with Analytic Geometry I	(5)
MATH 21B	Calculus	(4)	MATH 160	Calculus with Analytic Geometry II	(5)
PHYSICS 7A	General Physics	(4)	PHYS 105 &	General Physics	(4)
			PHYS 106	General Physics	(4)
			OR		
			PHYS 110 &	Introductory Physics	(4)
			PHYS 111	Introductory Physics	(4)
PHYSICS 7B	General Physics	(4)	PHYS 105 &	General Physics	(4)
			PHYS 106	General Physics	(4)

			<u>OR</u>			
				PHYS 110	&	Introductory Physics (4)
				PHYS 111		Introductory Physics (4)
PHYSICS 7C	General Physics	(4)		PHYS 105	&	General Physics (4)
				PHYS 106		General Physics (4)
			<u>OR</u>			
				PHYS 110	&	Introductory Physics (4)
				PHYS 111		Introductory Physics (4)

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

	<u>OR</u>			<u>OR</u>	
PHYSICS 9A	Classical Physics	(5)		PHYS 121	Mechanics of Solids and Fluids (5)
PHYSICS 9B	Classical Physics	(5)		PHYS 123	Heat, Light and Modern Physics (5)
PHYSICS 9C	Classical Physics	(5)		PHYS 122	Electricity and Magnetism (5)

STRONGLY RECOMMENDED:

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

END OF MAJOR

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

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

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

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

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

Planetary Sciences)

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

Transfer Admission Guarantee (TAG) Note:

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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 103	Cell Biology	(5.5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 101 &	Plant Biology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 102	Animal Biology	(5)
			BIOL 101 &	Plant Biology	(4)
			BIOL 102	Animal Biology	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM 155	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 155 &	General Chemistry I	(5)
			CHEM 156	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 156	General Chemistry II	(5)
MATH 16A	Short Calculus	(3)	MATH 130	Calculus for Biological Sciences, Social Sciences and Business I	(5)
			<u>OR</u>		
			MATH 150	Calculus with Analytic Geometry I	(5)
MATH 16B	Short Calculus	(3)	MATH 131	Calculus for Biological Sciences, Social Sciences and Business II	(3)
			<u>OR</u>		
			MATH 160	Calculus with Analytic Geometry II	(5)
MATH 16C	Short Calculus	(3)	MATH 131	Calculus for Biological Sciences, Social Sciences and Business II	(3)
			<u>OR</u>		
			MATH 160	Calculus with Analytic Geometry II	(5)
	<u>OR</u>		<u>OR</u>		
MATH 17A	Calculus for BioSci	(4)	MATH 130	Calculus for Biological Sciences, Social Sciences and Business I	(5)
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
	<u>OR</u>		<u>OR</u>		
MATH 21A	Calculus	(4)	MATH 150	Calculus with Analytic Geometry I	(5)
MATH 21B	Calculus	(4)	MATH 160	Calculus with Analytic Geometry II	(5)
MATH 21C	Calculus	(4)	MATH 200	Multivariable Calculus	(4)
PHYSICS 7A	General Physics	(4)	PHYS 105 &	General Physics	(4)
			PHYS 106	General Physics	(4)
			<u>OR</u>		
			PHYS 110 &	Introductory Physics	(4)
			PHYS 111	Introductory Physics	(4)
PHYSICS 7B	General Physics	(4)	PHYS 105 &	General Physics	(4)
			PHYS 106	General Physics	(4)
			<u>OR</u>		

PHYSICS 7C	General Physics	(4)	PHYS 110	&	Introductory Physics	(4)
			PHYS 111		Introductory Physics	(4)
			PHYS 105	&	General Physics	(4)
			PHYS 106		General Physics	(4)
			<u>OR</u>			
			PHYS 110	&	Introductory Physics	(4)
			PHYS 111		Introductory Physics	(4)

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

	<u>OR</u>			<u>OR</u>	
PHYSICS 9A	Classical Physics	(5)	PHYS 121	Mechanics of Solids and Fluids	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS 123	Heat, Light and Modern Physics	(5)
PHYSICS 9C	Classical Physics	(5)	PHYS 122	Electricity and Magnetism	(5)

STRONGLY RECOMMENDED:

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

END OF MAJOR

**====Marine and Coastal Science B.S. (Oceans and the Earth System)====
Special Advising Note:**

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

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

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

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

Visit <http://bml.ucdavis.edu/education/marine-coastal-science-undergraduate-major/>

for details regarding the marine and coastal science undergraduate major.

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 103	Cell Biology	(5.5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 101 &	Plant Biology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 102	Animal Biology	(5)
			BIOL 101 &	Plant Biology	(4)
			BIOL 102	Animal Biology	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM 155	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 155 &	General Chemistry I	(5)
			CHEM 156	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 156	General Chemistry II	(5)
MATH 16A	Short Calculus	(3)	MATH 130	Calculus for Biological Sciences, Social Sciences and Business I	(5)
			<u>OR</u>		
			MATH 150	Calculus with Analytic Geometry I	(5)
MATH 16B	Short Calculus	(3)	MATH 131	Calculus for Biological Sciences, Social Sciences and Business II	(3)
			<u>OR</u>		
			MATH 160	Calculus with Analytic Geometry II	(5)
MATH 16C	Short Calculus	(3)	MATH 131	Calculus for Biological Sciences, Social Sciences and Business II	(3)
			<u>OR</u>		

			MATH 160	Calculus with Analytic Geometry II	(5)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	MATH 130	Calculus for Biological Sciences, Social Sciences and Business I	(5)
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 150	Calculus with Analytic Geometry I	(5)
MATH 21B	Calculus	(4)	MATH 160	Calculus with Analytic Geometry II	(5)
MATH 21C	Calculus	(4)	MATH 200	Multivariable Calculus	(4)

PHYSICS 7A	General Physics	(4)	PHYS 105	& General Physics	(4)
			PHYS 106	 General Physics	(4)
				OR	
			PHYS 110	& Introductory Physics	(4)
			PHYS 111	 Introductory Physics	(4)
PHYSICS 7B	General Physics	(4)	PHYS 105	& General Physics	(4)
			PHYS 106	 General Physics	(4)
				OR	
			PHYS 110	& Introductory Physics	(4)
			PHYS 111	 Introductory Physics	(4)
PHYSICS 7C	General Physics	(4)	PHYS 105	& General Physics	(4)
			PHYS 106	 General Physics	(4)
				OR	
			PHYS 110	& Introductory Physics	(4)
			PHYS 111	 Introductory Physics	(4)

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

	OR			OR	
PHYSICS 9A	Classical Physics	(5)	PHYS 121	Mechanics of Solids and Fluids	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS 123	Heat, Light and Modern Physics	(5)
PHYSICS 9C	Classical Physics	(5)	PHYS 122	Electricity and Magnetism	(5)

STRONGLY RECOMMENDED:

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

====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 150	Calculus with Analytic (5) Geometry I
MATH 21B	Calculus	(4)	MATH 160	Calculus with Analytic (5) Geometry II
MATH 21C	Calculus	(4)	MATH 200	Multivariable Calculus (4)
	OR			OR
MATH 17A	Calculus for BioSci	(4)	MATH 130	Calculus for (5) Biological Sciences, Social Sciences and Business I
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE	
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE	

MATH 21D	Vector Analysis	(4)	MATH 200	Multivariable Calculus (4)
MATH 22B	Differntl Equations	(3)	MATH 220	Differential Equations (4)
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 210	Linear Algebra (4)
	AND			AND
MATH 108	Intro Abstract Math	(4)	This course must be taken at UC Davis	

OR SELECT THE FOLLOWING COURSE:

MATH 67	Modern Linear Algebra	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
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ENG CS 32A	Intro to Programming(4) Formerly ENG CS 10	(4)	CS 101	Computer Concepts (4)
			OR	
			CS 105	Theory and Practice I (3)

ENGIN 6	Engr Prob Solving	(4)	CS 133	Introduction to (3) Programming for Engineers
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END OF MAJOR

====Mathematical Analytics and Operations Research B.S.====

Special Advising Note:

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

Recommended Language Preparation Note:

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

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

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

MATH 21A	Calculus	(4)		MATH 150	Calculus with Analytic (5)
					Geometry I
MATH 21B	Calculus	(4)		MATH 160	Calculus with Analytic (5)
					Geometry II
MATH 21C	Calculus	(4)		MATH 200	Multivariable Calculus (4)
MATH 21D	Vector Analysis	(4)		MATH 200	Multivariable Calculus (4)
MATH 22B	Differntl Equations	(3)		MATH 220	Differential Equations (4)
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 210	Linear Algebra	(4)
	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)			CS 101	Computer Concepts	(4)
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Formerly ENG CS 10

			<u>OR</u>			
				CS 105	Theory and Practice I	(3)
	<u>OR</u>				<u>OR</u>	
ENGIN 6	Engr Prob Solving	(4)		CS 133	Introduction to Programming for Engineers	(3)

ECON 1A	Princ of Microecon	(4)		ECON 101	Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)		ECON 102	Macroeconomics	(3)

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

END OF MAJOR

====Mathematics A.B.====

Special Advising Note:

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

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

Special Advising Note for future applicants:*

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

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

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

- Mathematics 21A/B/C/D
- Mathematics 22A or Mathematics 67
- Mathematics 22B

*Information for future applicants is subject to change

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

MATH 21A	Calculus	(4)	MATH 150	Calculus with Analytic (5) Geometry I
MATH 21B	Calculus	(4)	MATH 160	Calculus with Analytic (5) Geometry II
MATH 21C	Calculus	(4)	MATH 200	Multivariable Calculus (4)
MATH 21D	Vector Analysis	(4)	MATH 200	Multivariable Calculus (4)
MATH 22B	Differntl Equations	(3)	MATH 220	Differential Equations (4)
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 210	Linear Algebra	(4)
	AND			AND	
MATH 108	Intro Abstract Math	(4)	This course must be taken at UC Davis		

OR SELECT THE FOLLOWING COURSE:

MATH 67	Modern Linear Algebra	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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ENG CS 32A	Intro to Programming(4) Formerly ENG CS 10		CS 101	Computer Concepts	(4)
			OR		
			CS 105	Theory and Practice I	(3)
	OR		OR		
ENGIN 6	Engr Prob Solving	(4)	CS 133	Introduction to Programming for Engineers	(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.

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 150	Calculus with Analytic (5) Geometry I
MATH 21B	Calculus	(4)	MATH 160	Calculus with Analytic (5) Geometry II
MATH 21C	Calculus	(4)	MATH 200	Multivariable Calculus (4)
MATH 21D	Vector Analysis	(4)	MATH 200	Multivariable Calculus (4)
MATH 22B	Differntl Equations	(3)	MATH 220	Differential Equations (4)
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 210	Linear Algebra	(4)
	AND			AND	
MATH 108	Intro Abstract Math	(4)	This course must be taken at UC Davis		

OR SELECT THE FOLLOWING COURSE:

MATH 67	Modern Linear Algebra	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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ENG CS 32A	Intro to Programming(4) Formerly ENG CS 10		CS 101	Computer Concepts	(4)
			OR		
			CS 105	Theory and Practice I	(3)
	OR		OR		
ENGIN 6	Engr Prob Solving	(4)	CS 133	Introduction to Programming for Engineers	(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.

PHYSICS 9A	Classical Physics	(5)		PHYS 121	Mechanics of Solids and Fluids	(5)
PLAN 2: MATHEMATICS FOR SECONDARY TEACHING						
PHYSICS 7A	General Physics	(4)		PHYS 105 & PHYS 106	General Physics	(4)
				<u>OR</u>		
				PHYS 110 & PHYS 111	Introductory Physics	(4)
					Introductory Physics	(4)
	OR				OR	
PHYSICS 9A	Classical Physics	(5)		PHYS 121	Mechanics of Solids and Fluids	(5)
					OR	
STATIST 13	Elementary Statistics	(4)		MATH 117	Elementary Statistics	(4)
Same as:	STATIST 13Y					
				<u>OR</u>		
				MATH 117H	Elementary Statistics, Honors	(4)
				<u>OR</u>		
				PSY 150	Statistics for the Behavioral Sciences	(4)
	OR				OR	
STATIST 32	Gateway to Data Science	(4)		NO COMPARABLE COURSE		

END OF MAJOR

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

Special Advising Note:

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

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

application is submitted, the grade for that one course must be B+ or better. If two or more courses from the group are completed at the time the application is submitted, the GPA for those courses combined must be a 3.20 or higher.

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

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

END OF MAJOR

====Medieval and Early Modern Studies A.B.====

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

MEDV-ST 20A	Medieval Culture	(5)		NO COMPARABLE COURSE
MEDV-ST 20B	Medieval Culture	(5)		NO COMPARABLE COURSE

THREE COURSES FROM THE FOLLOWING:

ARTHI 1B	Mediev&Renaiss Art	(4)		ART 103	&	History of Art,	(3)
						Prehistoric to Gothic	
				ART 104		History of Art,	(3)
						Renaissance to Modern	
				OR			
				ART 103	&	History of Art,	(3)
						Prehistoric to Gothic	
				ART 104H		History of Art,	(3)
						Renaissance to Modern,	
						Honors	
ARTHI 1C	Baroque to Modern Art	(4)		ART 104		History of Art,	(3)
						Renaissance to Modern	
				OR			
				ART 104H		History of Art,	(3)
						Renaissance to Modern,	

			Honors	
ARTHI 1E	Islamic Art & Architecture	(4)	NO COURSE submitted	ARTICULATED: College has not course(s) for articulation
COMPLIT 2	Major Books-Middle Ages to Enlightenment	(4)	ENG 231 &	World Literature (3)
			ENG 232	World Literature (3)
COMPLIT 10A	Master Authors	(2)	NO COURSE submitted	ARTICULATED: College has not course(s) for articulation
COMPLIT 10B	Master Authors	(2)	NO COURSE submitted	ARTICULATED: College has not course(s) for articulation
COMPLIT 10C	Master Authors	(2)	NO COURSE submitted	ARTICULATED: College has not course(s) for articulation
COMPLIT 10D	Master Authors	(2)	NO COURSE submitted	ARTICULATED: College has not course(s) for articulation
COMPLIT 10E	Master Authors	(2)	NO COURSE submitted	ARTICULATED: College has not course(s) for articulation
n) ENGLISH 10A	Literatures in English I: To 1700	(4)	ENG 221	Survey of British Literature (3)
GERMAN 48	Myth & Saga	(4)	NO COMPARABLE COURSE	
HISTORY 4A	Western Civ	(4)	HIST 103	History of Western Civilization (3)
HISTORY 4B	Western Civ	(4)	HIST 103 &	History of Western Civilization (3)
			HIST 104	History of Western Civilization (3)
			<u>OR</u>	
			HIST 113H &	History of Western Civilization: 1600 to Present, Honors (4)
			HIST 104	History of Western Civilization (3)
HUMAN 1	Humanities Forum	(2)	NO COURSE submitted	ARTICULATED: College has not course(s) for articulation
HUMAN 9	Don Quixote	(2)	NO COURSE submitted	ARTICULATED: College has not course(s) for articulation
PHILOS 21	Phil Classics: Ancient	(4)	PHIL 200	History of Philosophy: Ancient (3)
PHILOS 22	Phil Classics: Modern	(4)	PHIL 201	History of Philosophy: Modern (3)

Language proficiency is a desideratum; courses in Latin and other European languages are strongly recommended, particularly for students planning to pursue graduate studies in the medieval or early modern field.

 END OF MAJOR

n) If a student takes ENGLISH 221 at Santa Barbara City College, credit will be given for UC Davis's ENGLISH 10A OR ENGLISH 10B, not both.

====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 103	Cell Biology	(5.5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL 101 &	Plant Biology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOL 102	Animal Biology	(5)
				BIOL 101 &	Plant Biology	(4)
				BIOL 102	Animal Biology	(5)
<hr/>						
CHEM 2A	Genl Chemistry	(5)		CHEM 155	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 155 &	General Chemistry I	(5)
				CHEM 156	General Chemistry II	(5)
<hr/>						
CHEM 8A	Organic Chem-Brief	(2)		CHEM 211	Organic Chemistry I	(3)
CHEM 8B	Organic Chem-Brief	(4)		NO COMPARABLE COURSE		
	OR			OR		
CHEM 118A	Org Chem, Hlth & Sci	(4)		CHEM 211 &	Organic Chemistry I	(3)
				CHEM 221	Organic Chemistry Laboratory I	(2.3)
CHEM 118B	Org Chem, Hlth & Sci	(4)		CHEM 211 &	Organic Chemistry I	(3)
				CHEM 221 &	Organic Chemistry Laboratory I	(2.3)
				CHEM 212 &	Organic Chemistry II	(3)
				CHEM 222	Organic Chemistry Laboratory II	(2.5)
CHEM 118C	Org Chem, Hlth & Sci	(4)		CHEM 212 &	Organic Chemistry II	(3)
				CHEM 222	Organic Chemistry Laboratory II	(2.5)
<hr/>						
MATH 17A	Calculus for BioSci	(4)		MATH 130	Calculus for Biological Sciences,	(5)

MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE	Social Sciences and Business I
	OR			OR
MATH 21A	Calculus	(4)	MATH 150	Calculus with Analytic (5) Geometry I
MATH 21B	Calculus	(4)	MATH 160	Calculus with Analytic (5) Geometry II

PHYSICS 1A	Principles Physics	(3)	PHYS 105 &	General Physics (4)
			PHYS 106	General Physics (4)
PHYSICS 1B	Principles Physics	(3)	PHYS 105 &	General Physics (4)
			PHYS 106	General Physics (4)
	OR			OR
PHYSICS 7A	General Physics	(4)	PHYS 105 &	General Physics (4)
			PHYS 106	General Physics (4)
			OR	
			PHYS 110 &	Introductory Physics (4)
			PHYS 111	Introductory Physics (4)
PHYSICS 7B	General Physics	(4)	PHYS 105 &	General Physics (4)
			PHYS 106	General Physics (4)
			OR	
			PHYS 110 &	Introductory Physics (4)
			PHYS 111	Introductory Physics (4)
PHYSICS 7C	General Physics	(4)	PHYS 105 &	General Physics (4)
			PHYS 106	General Physics (4)
			OR	
			PHYS 110 &	Introductory Physics (4)
			PHYS 111	Introductory Physics (4)

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

END OF MAJOR

====Microbiology B.S.====

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)		BIOL 103	Cell Biology	(5.5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL 101 <u>&</u>	Plant Biology	(4)

BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 102 BIOL 101 &	Animal Biology Plant Biology	(5) (4)
			BIOL 102	Animal Biology	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM 155	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 155 & CHEM 156	General Chemistry I General Chemistry II	(5) (5)
CHEM 2C	Genl Chemistry	(5)	CHEM 156	General Chemistry II	(5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM 211	Organic Chemistry I	(3)
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
	OR			OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 211 & CHEM 221	Organic Chemistry I Organic Chemistry Laboratory I	(3) (2.3)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 211 & CHEM 221 &	Organic Chemistry I Organic Chemistry Laboratory I	(3) (2.3)
			CHEM 212 & CHEM 222	Organic Chemistry II Organic Chemistry Laboratory II	(3) (2.5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 212 & CHEM 222	Organic Chemistry II Organic Chemistry Laboratory II	(3) (2.5)
MATH 17A	Calculus for BioSci	(4)	MATH 130	Calculus for Biological Sciences, Social Sciences and Business I	(5)
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 150	Calculus with Analytic Geometry I	(5)
MATH 21B	Calculus	(4)	MATH 160	Calculus with Analytic Geometry II	(5)
PHYSICS 7A	General Physics	(4)	PHYS 105 & PHYS 106	General Physics General Physics	(4) (4)
			OR		
			PHYS 110 & PHYS 111	Introductory Physics Introductory Physics	(4) (4)
PHYSICS 7B	General Physics	(4)	PHYS 105 & PHYS 106	General Physics General Physics	(4) (4)
			OR		
			PHYS 110 & PHYS 111	Introductory Physics Introductory Physics	(4) (4)
PHYSICS 7C	General Physics	(4)	PHYS 105 & PHYS 106	General Physics General Physics	(4) (4)
			OR		
			PHYS 110 & PHYS 111	Introductory Physics Introductory Physics	(4) (4)
MIC BIO 91	Intro Research	(1)	NO COURSE ARTICULATED		

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.

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

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

ADDITIONAL ELECTIVES:

ARTHI 1E	Islamic Art & Architecture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CLASSIC 1	N East/Early Gr	(4)	NO COMPARABLE COURSE
COMPLIT 53B	Lit of South Asia	(4)	NO COMPARABLE COURSE
COMPLIT 53C	Lit of the Islamic World	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
REL STD 21	The Bible	(4)	NO COMPARABLE COURSE
REL STD 23	Intro Judaism	(4)	NO COMPARABLE COURSE
REL STD 60	Introduction to Islam	(4)	NO COMPARABLE COURSE
REL STD 65C	The Qur'an and Its Interpretation	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
REL STD 68	Hinduism	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

Or additional lower-division courses in a Middle Eastern or South Asian language

END OF MAJOR

====Music A.B.====

Special Advising Note:

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

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

Diagnostic Examination Note:

Students completing the program of courses below achieve a fundamental grounding in music theory, music history, and performance. Upon admission to UC Davis, students will demonstrate required proficiency through a diagnostic exam as part of their initial academic planning and advisement. Students will be scheduled for specific courses appropriate to their proficiency level.

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

MUSIC 2A	Keyboard Competence	(2)		MUS 140A	Beginning Piano	(1)	
MUSIC 2B	Keyboard Competence	(2)		MUS 140A &	Beginning Piano	(1)	
					MUS 140B	Beginning Piano	(1)
MUSIC 2C	Keyboard Competence	(2)		MUS 140B	Beginning Piano	(1)	

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

g) MUSIC 6A	Elementary Theory	(3)		MUS 102A &	Basic Musicianship	(3)	
					MUS 102B &	Basic Musicianship	(3)

			MUS 104A	&	Beginning Theory	(3)
			MUS 104B		Beginning Theory	(3)
g)	MUSIC 6B	Elementary Theory	(3)	MUS 102A	&	Basic Musicianship (3)
			MUS 102B	&	Basic Musicianship	(3)
			MUS 104A	&	Beginning Theory	(3)
			MUS 104B		Beginning Theory	(3)
g)	MUSIC 6C	Elementary Theory	(3)	MUS 102A	&	Basic Musicianship (3)
			MUS 102B	&	Basic Musicianship	(3)
			MUS 104A	&	Beginning Theory	(3)
			MUS 104B		Beginning Theory	(3)

g)	MUSIC 7A	Intermediate Theory	(3)	MUS 202A	&	Intermediate Musicianship (3)
				MUS 202B	&	Intermediate Musicianship (3)
				MUS 204A	&	Intermediate Theory (3)
				MUS 204B		Intermediate Theory (3)
g)	MUSIC 7B	Intermediate Theory	(3)	MUS 202A	&	Intermediate Musicianship (3)
				MUS 202B	&	Intermediate Musicianship (3)
				MUS 204A	&	Intermediate Theory (3)
				MUS 204B		Intermediate Theory (3)
g)	MUSIC 7C	Intermediate Theory	(3)	MUS 202A	&	Intermediate Musicianship (3)
				MUS 202B	&	Intermediate Musicianship (3)
				MUS 204A	&	Intermediate Theory (3)
				MUS 204B		Intermediate Theory (3)

g)	MUSIC 16A	Elem Musicianship	(2)	MUS 102A	&	Basic Musicianship (3)
				MUS 102B		Basic Musicianship (3)
g)	MUSIC 16B	Elem Musicianship	(2)	MUS 102A	&	Basic Musicianship (3)
				MUS 102B		Basic Musicianship (3)
g)	MUSIC 16C	Elem Musicianship	(2)	MUS 102A	&	Basic Musicianship (3)
				MUS 102B		Basic Musicianship (3)

STUDENTS MAY PASS OUT OF ONE OR MORE QUARTERS OF MUSIC 16A-C THROUGH EXAMINATION

g)	MUSIC 17A	Intermediate Musicianship	(2)	MUS 202A		Intermediate Musicianship (3)
				MUS 202B		Intermediate Musicianship (3)
g)	MUSIC 17B	Intermediate Musicianship	(2)	MUS 202A	&	Intermediate Musicianship (3)
				MUS 202B		Intermediate Musicianship (3)
g)	MUSIC 17C	Intermediate Musicianship	(2)	MUS 202A	&	Intermediate Musicianship (3)
				MUS 204B		Intermediate Theory (3)

STUDENTS MAY PASS OUT OF ONE OR MORE QUARTERS OF MUSIC 17A-C THROUGH EXAMINATION

g)	MUSIC 24A	Intro Music History	(3)	MUS 114A	&	Survey of Music History (3)
				MUS 114B		Survey of Music History (3)
g)	MUSIC 24B	Intro Music History	(3)	MUS 114A	&	Survey of Music History (3)
				MUS 114B		Survey of Music History (3)

g) MUSIC 24C	Intro Music History	(3)		MUS 114A &	Survey of Music	(3)
					History	
				MUS 114B	Survey of Music	(3)
					History	

END OF MAJOR

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

====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:

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N A STD 1	Intro NA Studies	(4)		NATA 101	American Indian: Past	(3)
					and Present	

N A STD 10	NA Experience	(4)	NATA 103	Native American Cultural Heritage	(3)
	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)	NATA 113	The Indian in Literature: Fact and Fiction	(3)
N A STD 12	Native Amer/Indigenous Film	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
N A STD 32	NA Music & Dance	(4)	NO COMPARABLE COURSE		
N A STD 33	Intro NA Art	(4)	NATA 112	Native American Visual and Musical Art	(3)
N A STD 34	NA Art Workshop	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	

ONE OR TWO COURSES FROM:

AF-AMST 12	Intro Afro Studies	(4)	NO COMPARABLE COURSE		
AF-AMST 52	Afr Tradit Relig	(4)	NO COMPARABLE COURSE		
ANTHRO 2	Cultural Anthropology	(5)	ANTH 103	Introduction to Cultural Anthropology	(3)
ANTHRO 20	Comparative Cultures	(4)	ANTH 109	Comparative World Cultures	(3)
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)	ASAM 101	Comparative Asian-American History, 1849 to 1965	(3)
A A STD 2	Contemp Issues of Asian Americans	(4)	ASAM 102	Contemporary Asian-American History	(3)
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)	CHST 102	The Chicano and Latino in U.S. History from the 1960s to the Present	(3)
			OR		
			CHST 103	Mexican-American (Chicano) Culture	(3)
CHICANO 21	Hlth Care Issues	(4)	NO COMPARABLE COURSE		
CHICANO 23	Qualitative Research Methods	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
COMPLIT 25	Ethnic Writers	(4)	NO COMPARABLE COURSE		
CM&RGDE 2	Ethnicity Amer Comm	(4)	NO COMPARABLE COURSE		
ENV S&P 10	Current Issues in Environment	(3)	NO COMPARABLE COURSE		
ENV S&P 10	not open for credit to students who have completed ENV S&P 1				
HISTORY 7A	Latin America to 1700	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
HISTORY 7B	Latin America 1700-1900	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
HISTORY 7C	Latin America 1900-Present	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
HISTORY 17A	U.S. History	(4)	HIST 101	History of the U.S. to 1877	(3)
LINGUIS 1	Intro Linguistics	(4)	ANTH 104	Language and Culture	(3)

END OF MAJOR

====Natural Sciences B.S.====

IMPORTANT ADVISORY FOR FALL 2018 APPLICANTS:

The Natural Sciences major is discontinued for new applicants effective the 2018-19 application cycle.

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 103	Cell Biology	(5.5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 101 &	Plant Biology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 102	Animal Biology	(5)
			BIOL 101 &	Plant Biology	(4)
			BIOL 102	Animal Biology	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM 155	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 155 &	General Chemistry I	(5)
			CHEM 156	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 156	General Chemistry II	(5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM 211	Organic Chemistry I	(3)
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
	OR			OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 211 &	Organic Chemistry I	(3)
			CHEM 221	Organic Chemistry Laboratory I	(2.3)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 211 &	Organic Chemistry I	(3)
			CHEM 221 &	Organic Chemistry Laboratory I	(2.3)
			CHEM 212 &	Organic Chemistry II	(3)
			CHEM 222	Organic Chemistry Laboratory II	(2.5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 212 &	Organic Chemistry II	(3)
			CHEM 222	Organic Chemistry Laboratory II	(2.5)
MATH 17A	Calculus for BioSci	(4)	MATH 130	Calculus for Biological Sciences,	(5)

				Social Sciences and Business I	
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 150	Calculus with Analytic Geometry I	(5)
MATH 21B	Calculus	(4)	MATH 160	Calculus with Analytic Geometry II	(5)

PHYSICS 7A	General Physics	(4)	PHYS 105 & PHYS 106	General Physics	(4)
			OR		
			PHYS 110 & PHYS 111	Introductory Physics	(4)
PHYSICS 7B	General Physics	(4)	PHYS 105 & PHYS 106	General Physics	(4)
			OR		
			PHYS 110 & PHYS 111	Introductory Physics	(4)
PHYSICS 7C	General Physics	(4)	PHYS 105 & PHYS 106	General Physics	(4)
			OR		
			PHYS 110 & PHYS 111	Introductory Physics	(4)

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

END OF MAJOR

====Nutrition Science B.S.====

Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](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 103	Cell Biology	(5.5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 101 &	Plant Biology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 102	Animal Biology	(5)
			BIOL 101 &	Plant Biology	(4)
			BIOL 102	Animal Biology	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM 155	General Chemistry I	(5)

CHEM 2B	Genl Chemistry	(5)	CHEM 155 &	General Chemistry I	(5)
			CHEM 156	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 156	General Chemistry II	(5)

CHEM 8A	Organic Chem-Brief	(2)	CHEM 211	Organic Chemistry I	(3)
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
	OR			OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 211 &	Organic Chemistry I	(3)
			CHEM 221	Organic Chemistry	(2.3)
				Laboratory I	
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 211 &	Organic Chemistry I	(3)
			CHEM 221 &	Organic Chemistry	(2.3)
				Laboratory I	
			CHEM 212 &	Organic Chemistry II	(3)
			CHEM 222	Organic Chemistry	(2.5)
				Laboratory II	
	OR			OR	
CHEM 128A	Organic Chemistry	(3)	CHEM 211	Organic Chemistry I	(3)
CHEM 128B	Organic Chemistry	(3)	CHEM 211 &	Organic Chemistry I	(3)
			CHEM 212	Organic Chemistry II	(3)
CHEM 129A	Organic Chem Lab	(2)	CHEM 221	Organic Chemistry	(2.3)
				Laboratory I	

NUTR 10	Discoveries and Concepts	(3)	BMS 128	Human Nutrition	(3)

PSYCH 41	Research Methods	(4)	PSY 200	Research Methods and	(4)
				Experimental Design in	
				Psychology	
	OR			OR	
SOCIOL 46A	Intro Social Rsch	(4)	SOC 115	Introduction to Social	(3)
				Research	

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

NUTRITIONAL BIOLOGY OPTION:

ANTHRO 2	Cultural Anthropology	(5)	ANTH 103	Introduction to	(3)
				Cultural Anthropology	
	OR			OR	
PSYCH 1	General Psychology	(4)	PSY 100	General Psychology	(3)
			OR		
			PSY 100H	General Psychology,	(4)
				Honors	
	OR			OR	
SOCIOL 1	Intro Sociology	(5)	SOC 101	Introduction to	(3)
				Sociology	
	OR			OR	
SOCIOL 3	Social Problems	(4)	SOC 109	Social Problems	(3)

MATH 16A	Short Calculus	(3)	MATH 130	Calculus for	(5)
				Biological Sciences,	
				Social Sciences and	
				Business I	
			OR		
			MATH 150	Calculus with Analytic	(5)
				Geometry I	
MATH 16B	Short Calculus	(3)	MATH 131	Calculus for	(3)
				Biological Sciences,	
				Social Sciences and	
				Business II	
			OR		
			MATH 160	Calculus with Analytic	(5)
				Geometry II	

PHYSICS 1A	Principles Physics	(3)	PHYS 105 &	General Physics	(4)
			PHYS 106	General Physics	(4)
PHYSICS 1B	Principles Physics	(3)	PHYS 105 &	General Physics	(4)
			PHYS 106	General Physics	(4)

NUTRITION IN PUBLIC HEALTH OPTION:

ANTHRO 2	Cultural Anthropology	(5)	ANTH 103	Introduction to Cultural Anthropology	(3)
	OR			OR	
SOCIOL 1	Intro Sociology	(5)	SOC 101	Introduction to Sociology	(3)
	OR			OR	
SOCIOL 3	Social Problems	(4)	SOC 109	Social Problems	(3)
ECON 1A	Princ of Microecon	(4)	ECON 101	Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 102	Macroeconomics	(3)
PSYCH 1	General Psychology	(4)	PSY 100	General Psychology	(3)
			OR		
			PSY 100H	General Psychology, Honors	(4)

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

Agricultural and Health Policy Area:

AGRESEC 15	Pop, Envr, World Agri	(4)	NO COMPARABLE COURSE		
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Cultural Diversity and Community Change Area:

AMR STD 55	Food in Amer Culture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	Same as: FD S&T 55				
CM&RGDE 2	Ethnicity Amer Comm	(4)	NO COMPARABLE COURSE		
INT AG 10	Intro Intl Ag Development	(4)	NO COMPARABLE COURSE		

Natural and Applied Sciences Area:

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

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 155	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 155 &	General Chemistry I	(5)
			CHEM 156	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 156	General Chemistry II	(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 105 &	General Physics	(4)
			PHYS 106	General Physics	(4)
			OR		
			PHYS 110 &	Introductory Physics	(4)
			PHYS 111	Introductory Physics	(4)
PHYSICS 7B	General Physics	(4)	PHYS 105 &	General Physics	(4)
			PHYS 106	General Physics	(4)
			OR		
			PHYS 110 &	Introductory Physics	(4)
			PHYS 111	Introductory Physics	(4)
PHYSICS 7C	General Physics	(4)	PHYS 105 &	General Physics	(4)
			PHYS 106	General Physics	(4)
			OR		
			PHYS 110 &	Introductory Physics	(4)
			PHYS 111	Introductory Physics	(4)

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

	OR			OR	
PHYSICS 9A	Classical Physics	(5)	PHYS 121	Mechanics of Solids and Fluids	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS 123	Heat, Light and Modern Physics	(5)
PHYSICS 9C	Classical Physics	(5)	PHYS 122	Electricity and Magnetism	(5)

MATH 16A	Short Calculus	(3)	MATH 130	Calculus for Biological Sciences, Social Sciences and Business I	(5)
			OR		
			MATH 150	Calculus with Analytic Geometry I	(5)
MATH 16B	Short Calculus	(3)	MATH 131	Calculus for Biological Sciences, Social Sciences and Business II	(3)
			OR		
			MATH 160	Calculus with Analytic Geometry II	(5)
MATH 16C	Short Calculus	(3)	MATH 131	Calculus for Biological Sciences, Social Sciences and Business II	(3)
			OR		
			MATH 160	Calculus with Analytic Geometry II	(5)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	MATH 130	Calculus for Biological Sciences,	(5)

					Social Sciences and Business I
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 150	Calculus with Analytic Geometry I	(5)
MATH 21B	Calculus	(4)	MATH 160	Calculus with Analytic Geometry II	(5)
MATH 21C	Calculus	(4)	MATH 200	Multivariable Calculus	(4)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 103	Cell Biology	(5.5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 101 &	Plant Biology	(4)
	OR		BIOL 102	Animal Biology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 101 &	Plant Biology	(4)
			BIOL 102	Animal Biology	(5)
STATIST 13	Elementary Statistics	(4)	MATH 117	Elementary Statistics	(4)
	Same as: STATIST 13Y		OR		
			MATH 117H	Elementary Statistics, Honors	(4)
			OR		
			PSY 150	Statistics for the Behavioral Sciences	(4)
	OR		OR		
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 211 &	Organic Chemistry I	(3)
			CHEM 221	Organic Chemistry Laboratory I	(2.3)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 211 &	Organic Chemistry I	(3)
			CHEM 221 &	Organic Chemistry Laboratory I	(2.3)
			CHEM 212 &	Organic Chemistry II	(3)
			CHEM 222	Organic Chemistry Laboratory II	(2.5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 212 &	Organic Chemistry II	(3)
			CHEM 222	Organic Chemistry Laboratory II	(2.5)
	OR		OR		
CHEM 128A	Organic Chemistry	(3)	CHEM 211	Organic Chemistry I	(3)
CHEM 128B	Organic Chemistry	(3)	CHEM 211 &	Organic Chemistry I	(3)
			CHEM 212	Organic Chemistry II	(3)
CHEM 128C	Organic Chemistry	(3)	CHEM 212	Organic Chemistry II	(3)
CHEM 129A	Organic Chem Lab	(2)	CHEM 221	Organic Chemistry Laboratory I	(2.3)
CHEM 129B	Organic Chem Lab	(2)	CHEM 221 &	Organic Chemistry Laboratory I	(2.3)
			CHEM 222	Organic Chemistry Laboratory II	(2.5)
CHEM 129C	Organic Chem Lab	(2)	CHEM 222	Organic Chemistry Laboratory II	(2.5)

END OF MAJOR

====Philosophy A.B.====

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

GENERAL EMPHASIS:

d) PHILOS 12 Intro to Symbol Logic (4)|PHIL 205 Introduction to Logic (3)

AND ONE COURSE FROM ANY THREE OF THE FOLLOWING AREAS

a. GENERAL PHILOSOPHY

p) PHILOS 1 Intro to Philos (4)|PHIL 100 Introduction to Philosophy (3)
|
| **OR** |
|PHIL 201 History of Philosophy: Modern (3)

<u>OR</u>	
PHIL 203	History of Philosophy: (3)
	Contemporary

b. ANCIENT PHILOSOPHY

PHILOS 21 Phil Classics: Ancient	(4)	PHIL 200	History of Philosophy: (3)
			Ancient

c. EARLY MODERN PHILOSOPHY

PHILOS 22 Phil Classics: Modern	(4)	PHIL 201	History of Philosophy: (3)
			Modern

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:

h) PHILOS 14 Eth Soc Prob in Soc	(4)	PHIL 101	Introduction to Ethics	(3)
		<u>OR</u>		
		PHIL 101H	Introduction to Ethics, Honors	(4)
		<u>OR</u>		
PHILOS 15 Intro to Bioethics	(4)	NO COMPARABLE COURSE		
		<u>OR</u>		
PHILOS 24 Intro to Ethics	(4)	PHIL 101	Introduction to Ethics	(3)

f. PHILOSOPHY OF SCIENCE

PHILOS 30 Intro Philos of Sci	(4)	NO COMPARABLE COURSE		
		<u>OR</u>		
PHILOS 31 Scientific Reason	(4)	NO COMPARABLE COURSE		
		<u>OR</u>		
PHILOS 32 Scientific Change	(4)	PHIL 204	History and Philosophy of the Great Ideas of Physics	(3)
		<u>OR</u>		
PHILOS 38 Intro Philos of Biol	(4)	NO COMPARABLE COURSE		

g. PHILOSOPHY OF LANGUAGE

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

ONE COURSE FROM THE FOLLOWING:

h) PHILOS 14 Eth Soc Prob in Soc	(4)	PHIL 101	Introduction to Ethics	(3)
		<u>OR</u>		
		PHIL 101H	Introduction to Ethics, Honors	(4)
PHILOS 15 Intro to Bioethics	(4)	NO COMPARABLE COURSE		
PHILOS 16 Phil Foundations of Amer Democ	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

ALL OF THE FOLLOWING COURSES:

d) PHILOS 5	Critical Reasoning	(4)		PHIL 205	Introduction to Logic	(3)
d) PHILOS 12	Intro to Symbol Logic	(4)		PHIL 205	Introduction to Logic	(3)
PHILOS 24	Intro to Ethics	(4)		PHIL 101	Introduction to Ethics	(3)

PRE-MED EMPHASIS:

ONE COURSE FROM THE FOLLOWING:

PHILOS 24	Intro to Ethics	(4)		PHIL 101	Introduction to Ethics	(3)
PHILOS 30	Intro Philos of Sci	(4)		NO COMPARABLE COURSE		
PHILOS 31	Scientific Reason	(4)		NO COMPARABLE COURSE		
PHILOS 32	Scientific Change	(4)		PHIL 204	History and Philosophy	(3)
					of the Great Ideas of	
					Physics	

ALL OF THE FOLLOWING COURSES:

d) PHILOS 12	Intro to Symbol Logic	(4)		PHIL 205	Introduction to Logic	(3)
PHILOS 15	Intro to Bioethics	(4)		NO COMPARABLE COURSE		
PHILOS 38	Intro Philos of Biol	(4)		NO COMPARABLE COURSE		

END OF MAJOR

- d) **If a student takes PHIL 205 at Santa Barbara City College, credit will be given for UC Davis's PHILOS 5 or 12, not both.**
- p) Students who complete PHIL 201 at Santa Barbara City College will receive credit at UC Davis for PHILOS 1 or PHILOS 22 through the 16-17 academic year. As of fall 2017, they will receive credit for PHILOS 22.
- h) Students who complete PHIL 101 at Santa Barbara City College will receive credit at UC Davis for PHILOS 14 or 24, not both

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

Special Advising Note:

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

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

Special Advising Note for future applicants:*

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

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

Strive to achieve your highest possible GPA in order to be most competitive. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 3.00 for the selective major course group. It is recommended that candidates have a cumulative GPA of at least 3.00 for the group of courses below that have been completed at the time of application and through the transfer academic update filing period. Whether planning for the general

application or TAG process, courses must be taken for a letter grade, with no grade less than C. (Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC course equivalents).

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

*Information for future applicants is subject to change

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

PHYSICS 9A	Classical Physics	(5)	PHYS 121	Mechanics of Solids and Fluids	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS 123	Heat, Light and Modern Physics	(5)
PHYSICS 9C	Classical Physics	(5)	PHYS 122	Electricity and Magnetism	(5)
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		
<hr/>					
MATH 21A	Calculus	(4)	MATH 150	Calculus with Analytic Geometry I	(5)
MATH 21B	Calculus	(4)	MATH 160	Calculus with Analytic	(5)

MATH 21C	Calculus	(4)	Geometry II
MATH 21D	Vector Analysis	(4)	MATH 200 Multivariable Calculus (4)
MATH 22A	Linear Algebra	(3)	MATH 200 Multivariable Calculus (4)
MATH 22B	Differntl Equations	(3)	MATH 210 Linear Algebra (4)
-----			MATH 220 Differential Equations (4)
PHYSICS 80	Experimental Techniques	(4)	NO COURSE ARTICULATED

END OF MAJOR

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

Special Advising Note:

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

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

Special Advising Note for future applicants:*

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

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

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

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

*Information for future applicants is subject to change

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

PHYSICS 9A	Classical Physics	(5)	PHYS 121	Mechanics of Solids and Fluids	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS 123	Heat, Light and Modern Physics	(5)
PHYSICS 9C	Classical Physics	(5)	PHYS 122	Electricity and Magnetism	(5)
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 150	Calculus with Analytic Geometry I	(5)
MATH 21B	Calculus	(4)	MATH 160	Calculus with Analytic Geometry II	(5)
MATH 21C	Calculus	(4)	MATH 200	Multivariable Calculus	(4)
MATH 21D	Vector Analysis	(4)	MATH 200	Multivariable Calculus	(4)
MATH 22A	Linear Algebra	(3)	MATH 210	Linear Algebra	(4)
MATH 22B	Differntl Equations	(3)	MATH 220	Differential Equations	(4)
PHYSICS 40	Intr Physics Computation	(4)	NO COURSE ARTICULATED		
PHYSICS 80	Experimental Techniques	(4)	NO COURSE ARTICULATED		

ASTROPHYSICS EMPHASIS

Preparatory subject matter for the B.S. Astrophysics Emphasis is the same as that listed above. In addition, the following course is RECOMMENDED but not required:

ASTRON 25	Intro to Modern Astronomy & Astrophy	(4)	NO COMPARABLE COURSE		
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END OF MAJOR

====Plant Biology A.B.====

Special Advising Note:

The following majors in the College of the Biological Sciences--biochemistry and molecular biology; biological sciences; cell biology; evolution, ecology, and biodiversity; genetics and genomics; marine and coastal science (marine ecology & organismal biology); microbiology; neurobiology, physiology, and behavior; and plant biology--are selective and require preparatory coursework for admission. Any required courses that are offered at your current campus must be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses are not offered at your college, you must complete them after enrolling at UC Davis.

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.50 for each of the three course groups. It is recommended that candidates have already achieved the minimum required GPAs for the courses in the groups below that have been completed by the time of application and maintain them through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

Mathematics 17A/B/C or 21A/B
Chemistry 2A/B/C
Biological Sciences 2A/B/C

It is also strongly recommended that transfer students complete courses comparable to the following UC Davis courses. Completion of these courses will help you move more efficiently toward graduation. Courses should be taken for a letter grade, with no grade less than C:

Organic Chemistry series cited on ASSIST for your major*
Physics 7A/B/C or the physics series cited on ASSIST
for your intended College of Biological Sciences major (especially
useful for Neurobiology, Physiology and Behavior majors).

* Students planning for the major biochemistry and molecular biology should complete Organic Chemistry 118A/B/C rather than 8A/B. Students planning for the major marine and coastal science (marine ecology & organismal biology) should complete Organic Chemistry 8A/B; however, students may substitute Chemistry 118A/B/C.

Transfer students must also meet UC transfer admission requirements. UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. See the [UC Transfer Admission webpage](#). In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Special Note for Transfer Students Considering an A.B. Degree in this Major:

Applicants to majors in the College of Biological Sciences apply to the major, without reference to A.B. or B.S. degrees, which are chosen after enrollment at UC Davis. All majors currently offered in the College of Biological Sciences are selective for purposes of admission; therefore, in order to be considered for admission in this selective major, transfer students who plan to pursue the A.B. degree MUST also complete Chemistry 2C and additional courses in math. At

a minimum, for admission students MUST complete courses comparable to UC Davis's Biological Sciences 2A/B/C; Mathematics 17A/B/C or 21A/B; and Chemistry 2A/B/C. See the B.S. degree in this major for additional course articulation information.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

BIOLSCI 2A	Intro Biology:Life on Earth	(5)		BIOL 103	Cell Biology	(5.5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL 101 &	Plant Biology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOL 102	Animal Biology	(5)
				BIOL 101 &	Plant Biology	(4)
				BIOL 102	Animal Biology	(5)
<hr/>						
CHEM 2A	Genl Chemistry	(5)		CHEM 155	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 155 &	General Chemistry I	(5)
				CHEM 156	General Chemistry II	(5)
CHEM 8A	Organic Chem-Brief	(2)		CHEM 211	Organic Chemistry I	(3)
CHEM 8B	Organic Chem-Brief	(4)		NO COMPARABLE COURSE		
<hr/>						
STATIST 13	Elementary Statistics	(4)		MATH 117	Elementary Statistics	(4)
	Same as: STATIST 13Y			<u>OR</u>		
				MATH 117H	Elementary Statistics, Honors	(4)
				<u>OR</u>		

| PSY 150 Statistics for the (4)
| Behavioral Sciences

RECOMMENDED COURSES:

CHEM 2C Genl Chemistry (5) | CHEM 156 General Chemistry II (5)

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 103	Cell Biology	(5.5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 101 &	Plant Biology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 102	Animal Biology	(5)
			BIOL 101 &	Plant Biology	(4)
			BIOL 102	Animal Biology	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM 155	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 155 &	General Chemistry I	(5)
			CHEM 156	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 156	General Chemistry II	(5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM 211	Organic Chemistry I	(3)
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
	OR		OR		
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 211 &	Organic Chemistry I	(3)
			CHEM 221	Organic Chemistry Laboratory I	(2.3)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 211 &	Organic Chemistry I	(3)
			CHEM 221 &	Organic Chemistry Laboratory I	(2.3)
			CHEM 212 &	Organic Chemistry II	(3)
			CHEM 222	Organic Chemistry	(2.5)

CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 212 & CHEM 222	Laboratory II Organic Chemistry II Organic Chemistry Laboratory II	(3) (2.5)
MATH 17A	Calculus for BioSci	(4)	MATH 130	Calculus for Biological Sciences, Social Sciences and Business I	(5)
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
			OR		
MATH 21A	Calculus	(4)	MATH 150	Calculus with Analytic Geometry I	(5)
MATH 21B	Calculus	(4)	MATH 160	Calculus with Analytic Geometry II	(5)
PHYSICS 7A	General Physics	(4)	PHYS 105 & PHYS 106	General Physics General Physics	(4) (4)
			OR		
PHYSICS 7B	General Physics	(4)	PHYS 110 &	Introductory Physics	(4)
			PHYS 111	Introductory Physics	(4)
			PHYS 105 & PHYS 106	General Physics General Physics	(4) (4)
			OR		
PHYSICS 7C	General Physics	(4)	PHYS 110 &	Introductory Physics	(4)
			PHYS 111	Introductory Physics	(4)
			PHYS 105 & PHYS 106	General Physics General Physics	(4) (4)
			OR		
			PHYS 110 &	Introductory Physics	(4)
			PHYS 111	Introductory Physics	(4)

It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

RECOMMENDED COURSES:

BIOLSCI 20Q	Modeling in Biology	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 21C	Calculus	(4)	MATH 200	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](#) 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 103	Cell Biology	(5.5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 101 &	Plant Biology	(4)
			BIOL 102	Animal Biology	(5)
PL SCI 2	Bot Physio Cul Plt	(4)	NO COMPARABLE COURSE		
CHEM 2A	Genl Chemistry	(5)	CHEM 155	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 155 &	General Chemistry I	(5)
			CHEM 156	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 156	General Chemistry II	(5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM 211	Organic Chemistry I	(3)
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
	OR			OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 211 &	Organic Chemistry I	(3)
			CHEM 221	Organic Chemistry Laboratory I	(2.3)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 211 &	Organic Chemistry I	(3)
			CHEM 221 &	Organic Chemistry Laboratory I	(2.3)
			CHEM 212 &	Organic Chemistry II	(3)
			CHEM 222	Organic Chemistry Laboratory II	(2.5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 212 &	Organic Chemistry II	(3)
			CHEM 222	Organic Chemistry Laboratory II	(2.5)
MATH 16A	Short Calculus	(3)	MATH 130	Calculus for Biological Sciences, Social Sciences and Business I	(5)
			OR		
			MATH 150	Calculus with Analytic Geometry I	(5)
MATH 16B	Short Calculus	(3)	MATH 131	Calculus for Biological Sciences, Social Sciences and Business II	(3)
			OR		
			MATH 160	Calculus with Analytic Geometry II	(5)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	MATH 130	Calculus for Biological Sciences, Social Sciences and Business I	(5)
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
PHYSICS 1A	Principles Physics	(3)	PHYS 105 &	General Physics	(4)
			PHYS 106	General Physics	(4)
PHYSICS 1B	Principles Physics	(3)	PHYS 105 &	General Physics	(4)
			PHYS 106	General Physics	(4)
	OR			OR	
PHYSICS 7A	General Physics	(4)	PHYS 105 &	General Physics	(4)
			PHYS 106	General Physics	(4)
			OR		
			PHYS 110 &	Introductory Physics	(4)

PHYSICS 7B	General Physics	(4)	PHYS 111	Introductory Physics	(4)
			PHYS 105	<u>&</u> General Physics	(4)
			PHYS 106	General Physics	(4)
			<u>OR</u>		
PHYSICS 7C	General Physics	(4)	PHYS 110	<u>&</u> Introductory Physics	(4)
			PHYS 111	Introductory Physics	(4)
			PHYS 105	<u>&</u> General Physics	(4)
			PHYS 106	General Physics	(4)
			PHYS 110	<u>&</u> Introductory Physics	(4)
			PHYS 111	Introductory Physics	(4)

It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

ABIOSYT 49	Fld Equip Oper	(2)	NO COMPARABLE COURSE
			<u>OR</u>
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 101	Microeconomics	(3)
			<u>OR</u>		
AGRESEC 15	Pop,Envr,World Agri	(4)	NO COMPARABLE COURSE		

END OF MAJOR

====Political Science - Public Service A.B.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC

Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

POL SCI 1	Amer Natl Govt	(4)		POLS 101	American Government and Politics	(3)
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THREE COURSES FROM THE FOLLOWING:

POL SCI 2	Intro Comp Politics	(4)		POLS 131	Comparative Politics	(3)
POL SCI 3	Internatl Relations	(4)		POLS 121	International Politics	(3)
POL SCI 4	Bas Cnpt/Pol Thry	(4)		POLS 132	Political Thinking	(3)
POL SCI 5	Probs/Am Pol Sys	(4)		POLS 104	American Government: Policy Issues / Process	(3)
POL SCI 7	Law & Politics	(4)		POLS 151	Law and Society	(3)

POL SCI 51	Scientific Study of Politics	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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ONE COURSE FROM THE FOLLOWING:

POL SCI 12Y	Data Visualization	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	Same as: COMUNCN 12Y, PSYCH 12Y					
	SOCIOL 12Y					
STATIST 13	Elementary Statistics	(4)		MATH 117	Elementary Statistics	(4)
	Same as: STATIST 13Y					
				<u>OR</u>		
				MATH 117H	Elementary Statistics, Honors	(4)
				<u>OR</u>		
				PSY 150	Statistics for the Behavioral Sciences	(4)
STATIST 32	Gateway to Data Science	(4)		NO COMPARABLE COURSE		

END OF MAJOR

====Political Science A.B.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements

in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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)	POLS 101	American Government and Politics	(3)
POL SCI 2	Intro Comp Politics	(4)	POLS 131	Comparative Politics	(3)
POL SCI 3	Internatl Relations	(4)	POLS 121	International Politics	(3)
POL SCI 4	Bas Cnpt/Pol Thry	(4)	POLS 132	Political Thinking	(3)

ONE COURSE FROM THE FOLLOWING:

Note: Courses listed twice may be used only once for major preparation

POL SCI 1	Amer Natl Govt	(4)	POLS 101	American Government and Politics	(3)
POL SCI 2	Intro Comp Politics	(4)	POLS 131	Comparative Politics	(3)
POL SCI 3	Internatl Relations	(4)	POLS 121	International Politics	(3)
POL SCI 4	Bas Cnpt/Pol Thry	(4)	POLS 132	Political Thinking	(3)
POL SCI 5	Probs/Am Pol Sys	(4)	POLS 104	American Government: Policy Issues / Process	(3)
POL SCI 7	Law & Politics	(4)	POLS 151	Law and Society	(3)
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	

POL SCI 12A	Politics & Sports	(4)		submitted course(s) for articulation
				NO COURSE ARTICULATED: College has not
				submitted course(s) for articulation
POL SCI 12B	Climate Chg & Politics	(4)		

POL SCI 51	Scientific Study of Politics	(4)		NO COURSE ARTICULATED: College has not
				submitted course(s) for articulation

POL SCI 12Y	Data Visualization	(4)		NO COURSE ARTICULATED: College has not
	Same as: COMUNCN 12Y, PSYCH 12Y			submitted course(s) for articulation
	SOCIOL 12Y			
	OR			OR
STATIST 13	Elementary Statistics	(4)		MATH 117 Elementary Statistics (4)
	Same as: STATIST 13Y			
				OR
				MATH 117H Elementary Statistics, Honors (4)
				OR
				PSY 150 Statistics for the Behavioral Sciences (4)
	OR			OR
STATIST 32	Gateway to Data Science	(4)		NO COMPARABLE COURSE

END OF MAJOR

====Psychology A.B.====

Special Advising Note:

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

This major is selective and requires preparatory coursework for admission. Any required courses that are offered at your current campus must be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses are not offered at your college, you must complete them after enrolling at UC Davis.

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.90 for the course group. It is recommended that candidates have a cumulative GPA of at least 2.90 for courses in the group below that have been completed by the time of application and maintain the GPA through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

Psychology 1;

Statistics 13;

One of these two options:

Biological Sciences 2A,

or

*Biological Sciences 10 and one course from:

Anthropology 1 or

Molecular and Cellular Biology 10 or

Neurobiology, Physiology and Behavior 10

Applicants to psychology apply to the major, without reference to A.B. or B.S. degrees or emphases, which are chosen after enrollment at UC Davis. Transfer students are advised that although requirements for admission (listed above) in the psychology major are the same for the A.B. and B.S. degree options, lower-division preparation for graduation in the major may vary based on the

degree and emphasis. Students are encouraged to view coursework for the A.B. degree and the B.S. degree with available biological and quantitative emphases.

Although not required for admission selection to the psychology major, it is highly recommended that students planning for a B.S. degree in psychology complete courses comparable to the UC Davis chemistry courses that apply to the student's degree and emphasis before enrolling at UC Davis.

*Students planning for a B.S. degree in psychology with biological emphasis are encouraged to complete Biological Sciences 2A rather than Biological Sciences 10. Also, although only one biological sciences course is required for admission, students interested in pursuing a B.S. degree with biological emphasis are encouraged to complete the recommended courses shown on ASSIST.

Transfer students must also meet UC transfer admission requirements. For details, see the UC Davis [transfer admission website](#). UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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 41	Research Methods	(4)	<u>OR</u>	PSY 100H	General Psychology, Honors	(4)
			PSY 200	Research Methods and Experimental Design in Psychology	(4)	

STATIST 13	Elementary Statistics	(4)		MATH 117	Elementary Statistics	(4)
Same as: STATIST 13Y						

			<u>OR</u>	MATH 117H	Elementary Statistics, Honors	(4)
			<u>OR</u>	PSY 150	Statistics for the Behavioral Sciences	(4)

BIOLSCI 2A	Intro Biology:Life on Earth	(5)		BIOL 103	Cell Biology	(5.5)

OR A COMBINATION OF

BIOLSCI 10	Everyday Biology	(4)		BIOL 100	Concepts of Biology	(4)
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AND ONE COURSE FROM

ANTHRO 1	Human Evol Biol	(4)		ANTH 101	Physical Anthropology	(3)
				<u>OR</u>		
				ANTH 101H	Physical Anthropology, Honors	(4)
			<u>OR</u>			
MOL&CB 10	Intro Human Heredity	(4)		NO COMPARABLE COURSE		
			<u>OR</u>			
NE PH B 10	Elem Human Physio	(3)		BMS 100	The Human Body	(4)
				<u>OR</u>		
				BMS 108	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:

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)	PSY 100	General Psychology	(3)
			<u>OR</u>		
			PSY 100H	General Psychology, Honors	(4)
PSYCH 41	Research Methods	(4)	PSY 200	Research Methods and Experimental Design in Psychology	(4)
STATIST 13	Elementary Statistics	(4)	MATH 117	Elementary Statistics	(4)
	Same as: STATIST 13Y		<u>OR</u>		
			MATH 117H	Elementary Statistics, Honors	(4)
			<u>OR</u>		
			PSY 150	Statistics for the Behavioral Sciences	(4)
MATH 16A	Short Calculus	(3)	MATH 130	Calculus for Biological Sciences, Social Sciences and Business I	(5)
			<u>OR</u>		
			MATH 150	Calculus with Analytic Geometry I	(5)
MATH 16B	Short Calculus	(3)	MATH 131	Calculus for Biological Sciences, Social Sciences and Business II	(3)
			<u>OR</u>		
			MATH 160	Calculus with Analytic Geometry II	(5)
	<u>OR</u>		<u>OR</u>		
MATH 17A	Calculus for BioSci	(4)	MATH 130	Calculus for Biological Sciences, Social Sciences and Business I	(5)
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
	<u>OR</u>		<u>OR</u>		
MATH 21A	Calculus	(4)	MATH 150	Calculus with Analytic Geometry I	(5)
MATH 21B	Calculus	(4)	MATH 160	Calculus with Analytic Geometry II	(5)
PHYSICS 10	Topics, Nonscientists	(4)	PHYS 101	Conceptual Physics	(3)
	<u>OR</u>		<u>OR</u>		
PHYSICS 10C	Physics of California	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	<u>OR</u>		<u>OR</u>		
PHYSICS 7A	General Physics	(4)	PHYS 105 & PHYS 106	General Physics	(4)
			<u>OR</u>		
			PHYS 110 & PHYS 111	Introductory Physics	(4)
PHYSICS 7B	General Physics	(4)	PHYS 105 & PHYS 106	General Physics	(4)
			<u>OR</u>		
			PHYS 110 & PHYS 111	Introductory Physics	(4)

It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 103	Cell Biology	(5.5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 101 &	Plant Biology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 102	Animal Biology	(5)
			BIOL 101 &	Plant Biology	(4)
			BIOL 102	Animal Biology	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM 155	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 155 &	General Chemistry I	(5)
			CHEM 156	General Chemistry II	(5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM 211	Organic Chemistry I	(3)
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
	OR			OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 211 &	Organic Chemistry I	(3)
			CHEM 221	Organic Chemistry Laboratory I	(2.3)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 211 &	Organic Chemistry I	(3)
			CHEM 221 &	Organic Chemistry Laboratory I	(2.3)
			CHEM 212 &	Organic Chemistry II	(3)
			CHEM 222	Organic Chemistry Laboratory II	(2.5)
	OR			OR	
CHEM 128A	Organic Chemistry	(3)	CHEM 211	Organic Chemistry I	(3)
CHEM 128B	Organic Chemistry	(3)	CHEM 211 &	Organic Chemistry I	(3)
			CHEM 212	Organic Chemistry II	(3)

END OF MAJOR

====Psychology B.S. (Quantitative)====

Special Advising Note:

REQUIREMENTS FOR ADMISSION:

(for 2018-19)

This major is selective and requires preparatory coursework for admission. Any required courses that are offered at your current campus must be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses are not offered at your college, you must complete them after enrolling at UC Davis.

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.90 for the course group. It is recommended that candidates have a cumulative GPA of at least 2.90 for courses in the group below that have been completed by the time of application and maintain the GPA through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

Psychology 1;
Statistics 13;
One of these two options:
Biological Sciences 2A

or
Biological Sciences 10 and one course from:
Anthropology 1 or
Molecular and Cellular Biology 10 or
Neurobiology, Physiology and Behavior 10

Applicants to psychology apply to the major without reference to A.B. or B.S. degrees or emphases, which are chosen after enrollment at UC Davis. Transfer students are advised that although requirements for admission (listed above) in the psychology major are the same for the A.B. and B.S. degree options, lower-division preparation for graduation in the major may vary based on the degree and emphasis. Students are encouraged to view coursework for the A.B. degree and the B.S. degree with available biological and quantitative emphases.

Although not required for admission selection to the psychology major, it is highly recommended that students planning for a B.S. degree in psychology complete courses comparable to the UC Davis chemistry courses that apply to the student's degree and emphasis before enrolling at UC Davis.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:

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			<u>OR</u>			
				PSY 100H	General Psychology, Honors	(4)
PSYCH 41	Research Methods	(4)		PSY 200	Research Methods and Experimental Design in Psychology	(4)

STATIST 13	Elementary Statistics	(4)		MATH 117	Elementary Statistics	(4)
	Same as: STATIST 13Y					
			<u>OR</u>			
				MATH 117H	Elementary Statistics, Honors	(4)
			<u>OR</u>			
				PSY 150	Statistics for the Behavioral Sciences	(4)

MATH 21A	Calculus	(4)		MATH 150	Calculus with Analytic Geometry I	(5)
MATH 21B	Calculus	(4)		MATH 160	Calculus with Analytic Geometry II	(5)
MATH 21C	Calculus	(4)		MATH 200	Multivariable Calculus	(4)

ENG CS 36A	Programming	(4)		CS 137	C Programming	(3)
	Formerly ENG CS 30					
			<u>OR</u>			
ENG CS 32A	Intro to Programming	(4)		CS 101	Computer Concepts	(4)
	Formerly ENG CS 10					
			<u>OR</u>			
				CS 105	Theory and Practice I	(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.

CHEM 10	Concept of Chem	(4)		NO COMPARABLE COURSE		
			<u>OR</u>			
CHEM 2A	Genl Chemistry	(5)		CHEM 155	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 155 &	General Chemistry I	(5)
				CHEM 156	General Chemistry II	(5)
			<u>OR</u>			
CHEM 2AH	Honors Genl Chemistry	(5)		NO COMPARABLE COURSE		
CHEM 2BH	Honors Genl Chemistry	(5)		NO COMPARABLE COURSE		

PHYSICS 10	Topics, Nonscientists	(4)		PHYS 101	Conceptual Physics	(3)
			<u>OR</u>			
PHYSICS 10C	Physics of California	(3)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
			<u>OR</u>			
PHYSICS 7A	General Physics	(4)		PHYS 105 &	General Physics	(4)
				PHYS 106	General Physics	(4)
			<u>OR</u>			
				PHYS 110 &	Introductory Physics	(4)
				PHYS 111	Introductory Physics	(4)
PHYSICS 7B	General Physics	(4)		PHYS 105 &	General Physics	(4)
				PHYS 106	General Physics	(4)
			<u>OR</u>			
				PHYS 110 &	Introductory Physics	(4)
				PHYS 111	Introductory Physics	(4)

It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire

series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

BIOLSCI 2A	Intro Biology:Life on Earth	(5)		BIOL 103	Cell Biology	(5.5)
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OR A COMBINATION OF

BIOLSCI 10	Everyday Biology	(4)		BIOL 100	Concepts of Biology	(4)
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AND ONE COURSE FROM

ANTHRO 1	Human Evol Biol	(4)		ANTH 101	Physical Anthropology	(3)
				<u>OR</u>		
				ANTH 101H	Physical Anthropology, Honors	(4)
				<u>OR</u>		
MOL&CB 10	Intro Human Heredity	(4)		NO COMPARABLE COURSE		
				<u>OR</u>		
NE PH B 10	Elem Human Physio	(3)		BMS 100	The Human Body	(4)
				<u>OR</u>		
				BMS 108	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 102	Comparative World Religions	(3)
			OR		
			PHIL 102H	Comparative World Religions, Honors	(3)
REL STD 1A	Pilgrimage	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
REL STD 1B	Death and Afterlife	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
REL STD 1C	Sacrifice	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
REL STD 1D	Conversion	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
REL STD 1E	Fundamentalism	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
REL STD 1F	Religion Today	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
REL STD 1G	Myth Ritual Symbol	(4)	NO COMPARABLE COURSE		
REL STD 1H	Sex, Marriage, Divorce	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
REL STD 1J	Music, Voice, Word	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	

FOUR COURSES FROM THE FOLLOWING:

REL STD 5	Comparative Religion	(2)	NO COURSE	ARTICULATED	
REL STD 6	Intro Health Humanities	(4)	NO COURSE	ARTICULATED	
REL STD 10	Contemporary Ethical Issues	(2)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
REL STD 10A	Contemporary Ethical Issues	(2)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
REL STD 11	Ethical Eating	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
REL STD 12	Emergence Abrahamic Religions	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
REL STD 21	The Bible	(4)	NO COMPARABLE COURSE		
REL STD 23	Intro Judaism	(4)	NO COMPARABLE COURSE		
REL STD 30	South Asian Religions	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
REL STD 40	New Testament	(4)	NO COMPARABLE COURSE		
REL STD 42	Religion and Sci Fiction	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
REL STD 45	Christianity	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
REL STD 60	Introduction to Islam	(4)	NO COMPARABLE COURSE		
REL STD 65C	The Qur'an and Its Interpretation	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
REL STD 67	Modern Hinduism	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	

REL STD 68	Hinduism	(4)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not
REL STD 69	Intro Hindu Mythology	(4)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not
REL STD 70	Religion and Language	(4)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not
REL STD 75	Introduction to Chinese Philosophy	(4)	submitted course(s) for articulation NO COMPARABLE COURSE
REL STD 80	Religion, Gender, Sex	(4)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not

A reading knowledge of a foreign language is highly recommended.

END OF MAJOR

====Russian A.B.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also

available from our TAG website.

Students with only one year or less of Russian at the community college level should consult with an advisor in the Russian Department at UC Davis before continuing on with the Russian series.

RUSSIAN 1	Elementary Russian	(5)		NO COMPARABLE COURSE
RUSSIAN 2	Elementary Russian	(5)		NO COMPARABLE COURSE
RUSSIAN 3	Elementary Russian	(5)		NO COMPARABLE COURSE
RUSSIAN 4	Intermed Russian	(4)		NO COMPARABLE COURSE
RUSSIAN 5	Intermed Russian	(4)		NO COMPARABLE COURSE
RUSSIAN 6	Intermed Russian	(4)		NO COMPARABLE COURSE

END OF MAJOR

====Science & Technology Studies A.B.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19

[General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

SCI&TEC 1	Intro Sci & Tech Std	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
SCI&TEC 20	Sci & Tec Std Methods	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

8 QUARTER UNITS FROM THE FOLLOWING:

AMR STD 1A	Science and American Culture	(4)	NO COMPARABLE COURSE
AMR STD 1E	Nat&Cult Amr	(4)	NO COMPARABLE COURSE
AMR STD 5	Tech in Amr Lives	(4)	NO COMPARABLE COURSE
ENV S&P 1	Env Analysis	(4)	NO COMPARABLE COURSE
HUMAN 3	Medicine & Humanities	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PHILOS 30	Intro Philos of Sci	(4)	NO COMPARABLE COURSE
PHILOS 31	Scientific Reason	(4)	NO COMPARABLE COURSE
PHILOS 32	Scientific Change	(4)	PHIL 204 History and Philosophy (3) of the Great Ideas of Physics
SCI&SOC 1	Critical Inquiry into Contemporary Issues	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
SCI&SOC 2	Feeding the Planet	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
SCI&SOC 3	Sci,Tech&Society	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
SCI&SOC 5	Discovery:Sci & Soc	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
SCI&TEC 32	Drugs, Science and Culture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	Same as: ANTHRO 32		

4 quarter units of lower-division science courses from the Approved Science Electives list. To see the list, click on <http://sts.ucdavis.edu/undergraduate/sts-major-requirements>

END OF MAJOR

====Sociology A.B.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

SOCIOL 1	Intro Sociology	(5)		SOC 101	Introduction to Sociology	(3)
SOCIOL 46A	Intro Social Rsch	(4)		SOC 115	Introduction to Social Research	(3)
	AND			AND		
SOCIOL 46B	Intro Social Rsch	(5)		NO COMPARABLE COURSE		

ONE COURSE FROM THE FOLLOWING:

SOCIOL 2	Self and Society	(4)		SOC 104	Social Psychology	(3)
SOCIOL 3	Social Problems	(4)		SOC 109	Social Problems	(3)
SOCIOL 4	Immigrtn & Opprntny	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
SOCIOL 5	Global Soc Change	(4)		GLST 102	Problems of the Global Village	(3)
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)		ANTH 103	Introduction to Cultural Anthropology	(3)
	OR			OR		
ANTHRO 20	Comparative Cultures	(4)		ANTH 109	Comparative World Cultures	(3)

ONE COURSE FROM THE FOLLOWING:

HISTORY 4A	Western Civ	(4)	HIST 103	History of Western Civilization	(3)
HISTORY 4B	Western Civ	(4)	HIST 103 &	History of Western Civilization	(3)
			HIST 104	History of Western Civilization	(3)
			<u>OR</u>		
			HIST 113H &	History of Western Civilization: 1600 to Present, Honors	(4)
			HIST 104	History of Western Civilization	(3)
HISTORY 4C	Western Civ	(4)	HIST 104	History of Western Civilization	(3)
			<u>OR</u>		
			HIST 113H	History of Western Civilization: 1600 to Present, Honors	(4)
HISTORY 6	Intro to Middle East	(4)	NO COMPARABLE COURSE		
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 COURSE ARTICULATED: College has not submitted course(s)for articulation		
HISTORY 9B	East Asian Civ	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
HISTORY 10C	World History III	(4)	HIST 108	World Civilization, 1550 to Present	(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 101	History of the U.S. to 1877	(3)
HISTORY 17B	U.S. History	(4)	HIST 102	History of the U.S. since 1865	(3)
			<u>OR</u>		
			HIST 102H	History of the United States since 1865, Honors	(4)

ONE COURSE FROM THE FOLLOWING:

d) PHILOS 5	Critical Reasoning	(4)	PHIL 205	Introduction to Logic	(3)
h) PHILOS 14	Eth Soc Prob in Soc	(4)	PHIL 101	Introduction to Ethics	(3)
			<u>OR</u>		
			PHIL 101H	Introduction to Ethics, Honors	(4)
PHILOS 24	Intro to Ethics	(4)	PHIL 101	Introduction to Ethics	(3)

END OF MAJOR

- d) If a student takes PHIL 205 at Santa Barbara City College, credit will be given for UC Davis's PHILOS 5 or 12, not both.
h) Students who complete PHIL 101 at Santa Barbara City College will receive credit at UC Davis for PHILOS 14 or 24, not both

====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)		SOC 101	Introduction to Sociology	(3)
SOCIOL 5	Global Soc Change	(4)		GLST 102	Problems of the Global Village	(3)
SOCIOL 46A	Intro Social Rsch	(4)		SOC 115	Introduction to Social Research	(3)
	AND			AND		
SOCIOL 46B	Intro Social Rsch	(5)		NO COMPARABLE COURSE		
ECON 1B	Princ of Macroecon	(4)		ECON 102	Macroeconomics	(3)
ANTHRO 2	Cultural Anthropology	(5)		ANTH 103	Introduction to	(3)

	OR			OR	
ANTHRO 20	Comparative Cultures	(4)	ANTH 109	Cultural Anthropology Comparative World Cultures	(3)

HISTORY 10C	World History III	(4)	HIST 108	World Civilization, 1550 to Present	(3)
	OR			OR	
POL SCI 2	Intro Comp Politics	(4)	POLS 131	Comparative Politics	(3)

Course work in one modern foreign language at the two-year level, or provide proof of proficiency (27-30 quarter units).

END OF MAJOR

====Sociology A.B. (Law & Society)====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

SOCIOL 1	Intro Sociology	(5)	SOC 101	Introduction to Sociology	(3)
SOCIOL 3	Social Problems	(4)	SOC 109	Social Problems	(3)
	OR			OR	
SOCIOL 4	Immigrtn & Opprtnty	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR	
SOCIOL 11	Sociology of Labor and Employment	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
SOCIOL 46A	Intro Social Rsch	(4)	SOC 115	Introduction to Social Research	(3)
	AND			AND	
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE		

4 QUARTER UNITS FROM THE FOLLOWING:

ANTHRO 2	Cultural Anthropology	(5)	ANTH 103	Introduction to Cultural Anthropology	(3)
ANTHRO 20	Comparative Cultures	(4)	ANTH 109	Comparative World Cultures	(3)
POL SCI 1	Amer Natl Govt	(4)	POLS 101	American Government and Politics	(3)
POL SCI 3	Internatl Relations	(4)	POLS 121	International Politics	(3)
POL SCI 4	Bas Cnpt/Pol Thry	(4)	POLS 132	Political Thinking	(3)
POL SCI 7	Law & Politics	(4)	POLS 151	Law and Society	(3)

4 QUARTER UNITS FROM THE FOLLOWING:

HISTORY 4A	Western Civ	(4)	HIST 103	History of Western Civilization	(3)
HISTORY 4B	Western Civ	(4)	HIST 103	& History of Western Civilization	(3)
			HIST 104	History of Western Civilization	(3)
			OR		
			HIST 113H	& History of Western Civilization: 1600 to Present, Honors	(4)
			HIST 104	History of Western Civilization	(3)
HISTORY 4C	Western Civ	(4)	HIST 104	History of Western Civilization	(3)
			OR		
			HIST 113H	History of Western Civilization: 1600 to Present, Honors	(4)
HISTORY 6	Intro to Middle East	(4)	NO COMPARABLE COURSE		
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 COURSE ARTICULATED: College has not submitted course(s)for articulation		

HISTORY 9B	East Asian Civ	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
HISTORY 10C	World History III	(4)	HIST 108 World Civilization, 1550 to Present	(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 101 History of the U.S. to 1877	(3)
HISTORY 17B	U.S. History	(4)	HIST 102 History of the U.S. since 1865	(3)
			<u>OR</u>	
			HIST 102H History of the United States since 1865, Honors	(4)

d) PHILOS 5	Critical Reasoning	(4)	PHIL 205 Introduction to Logic	(3)
	<u>OR</u>		<u>OR</u>	
h) PHILOS 14	Eth Soc Prob in Soc	(4)	PHIL 101 Introduction to Ethics	(3)
			<u>OR</u>	
			PHIL 101H Introduction to Ethics, Honors	(4)
	<u>OR</u>		<u>OR</u>	
PHILOS 24	Intro to Ethics	(4)	PHIL 101 Introduction to Ethics	(3)

END OF MAJOR

- d) **If a student takes PHIL 205 at Santa Barbara City College, credit will be given for UC Davis's PHILOS 5 or 12, not both.**
- h) Students who complete PHIL 101 at Santa Barbara City College will receive credit at UC Davis for PHILOS 14 or 24, not both

====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-admission). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to

complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#). Quick reference charts for AP and IB are also available from our TAG website.

SOCIOL 1	Intro Sociology	(5)	SOC 101	Introduction to Sociology	(3)
SOCIOL 2	Self and Society	(4)	SOC 104	Social Psychology	(3)
	OR			OR	
SOCIOL 3	Social Problems	(4)	SOC 109	Social Problems	(3)
SOCIOL 46A	Intro Social Rsch	(4)	SOC 115	Introduction to Social Research	(3)
	AND			AND	
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE		
PSYCH 1	General Psychology	(4)	PSY 100	General Psychology	(3)
			OR		
			PSY 100H	General Psychology, Honors	(4)

6-8 QUARTER UNITS FROM THE FOLLOWING:

AF-AMST 10	Af-Am Culture & Soc	(4)	BLST 103	African-American Culture	(3)
AF-AMST 15	Intro Afro Amer Hum	(4)	NO COMPARABLE COURSE		
A A STD 1	Hist Exp Asian Am	(4)	ASAM 101	Comparative Asian-American History, 1849 to 1965	(3)
A A STD 2	Contemp Issues of Asian Americans	(4)	ASAM 102	Contemporary Asian-American History	(3)
CHICANO 10	Intro to Chic Std	(4)	CHST 102	The Chicano and Latino in U.S. History from the 1960s to the Present	(3)
			OR		
			CHST 103	Mexican-American (Chicano) Culture	(3)
CHICANO 50	Chicano Culture	(4)	CHST 113	Introduction to Chicano/Mexican-American Literature	(3)
N A STD 1	Intro NA Studies	(4)	NATA 101	American Indian: Past and Present	(3)
N A STD 10	NA Experience	(4)	NATA 103	Native American Cultural Heritage	(3)
SOCIOL 4	Immigrtn & Opprtnty	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

SOCIOL 11	Sociology of Labor and Employment	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
SOCIOL 30A	Multicultural Societies	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
SOCIOL 30B	Multicultural Societies	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

END OF MAJOR

====Sociology-Organizational Studies A.B.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for AP and IB are also available from our TAG website.

SOCIOL 1	Intro Sociology	(5)	SOC 101	Introduction to Sociology	(3)
	AND			AND	

SOCIOL 2	Self and Society	(4)	SOC 104	Social Psychology	(3)
SOCIOL 4	Immigrtn & Opprtnty	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR	
SOCIOL 5	Global Soc Change	(4)	GLST 102	Problems of the Global Village	(3)
	OR			OR	
SOCIOL 11	Sociology of Labor and Employment	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
SOCIOL 46A	Intro Social Rsch	(4)	SOC 115	Introduction to Social Research	(3)
	AND			AND	
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE		
ECON 1A	Princ of Microecon	(4)	ECON 101	Microeconomics	(3)
	AND			AND	
ECON 1B	Princ of Macroecon	(4)	ECON 102	Macroeconomics	(3)

END OF MAJOR

====Spanish A.B.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See

<http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

SPANISH 1	Elementary Spanish	(5)	SPAN 101	Beginning Spanish I	(5)
SPANISH 2	Elementary Spanish	(5)	SPAN 101 & SPAN 102	Beginning Spanish I	(5)
SPANISH 3	Elementary Spanish	(5)	SPAN 102	Beginning Spanish II	(5)
SPANISH 21	Intm Spanish	(5)	SPAN 103	Intermediate Spanish I	(5)
SPANISH 22	Intm Spanish	(5)	SPAN 104	Intermediate Spanish II	(5)
SPANISH 23	Span Comp I	(4)	SPAN 150	Advanced Spanish	(4)
SPANISH 24	Span Comp II	(4)	SPAN 160	Advanced Spanish	(4)
	OR			OR	
SPANISH 31	Int Span Nat Spk I	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
SPANISH 32	Int Span Nat Spk II	(5)	NO COMPARABLE COURSE		
SPANISH 33	Int Span Nat Spk III	(5)	NO COMPARABLE COURSE		

It is recommended that transfer students who have successfully completed a two-year sequence at the junior college level comparable to UC Davis Spanish 1 through 22 continue their study at UC Davis by taking Spanish 23. When available at the community college students are encouraged to complete courses comparable to Spanish 23 and 24. Students should consult a Spanish Department advisor at UC Davis upon enrollment.

LINGUIS 1	Intro Linguistics	(4)	ANTH 104	Language and Culture	(3)
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END OF MAJOR

====Statistics A.B.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for

students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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 130	Calculus for Biological Sciences, Social Sciences and Business I	(5)
			OR		
			MATH 150	Calculus with Analytic Geometry I	(5)
MATH 16B	Short Calculus	(3)	MATH 131	Calculus for Biological Sciences, Social Sciences and Business II	(3)
			OR		
			MATH 160	Calculus with Analytic Geometry II	(5)
MATH 16C	Short Calculus	(3)	MATH 131	Calculus for Biological Sciences, Social Sciences and Business II	(3)
			OR		
			MATH 160	Calculus with Analytic Geometry II	(5)
	OR		OR		
MATH 17A	Calculus for BioSci	(4)	MATH 130	Calculus for Biological Sciences, Social Sciences and Business I	(5)
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
	OR		OR		
MATH 21A	Calculus	(4)	MATH 150	Calculus with Analytic Geometry I	(5)
MATH 21B	Calculus	(4)	MATH 160	Calculus with Analytic Geometry II	(5)
MATH 21C	Calculus	(4)	MATH 200	Multivariable Calculus	(4)
MATH 22A	Linear Algebra	(3)	MATH 210	Linear Algebra	(4)
ENG CS 32A	Intro to Programming	(4)	CS 101	Computer Concepts	(4)
	Formerly ENG CS 10				

			<u>OR</u>			
				CS 105	Theory and Practice I	(3)
	<u>OR</u>				<u>OR</u>	
ENG CS 36A	Programming	(4)		CS 137	C Programming	(3)
	Formerly ENG CS 30					
	<u>OR</u>				<u>OR</u>	
ENG CS 36B	Object-Oriented Program	(4)		CS 140	Object-Oriented	(4)
	Formerly ENG CS 40				Programming Using C++	

Please note that the community college's computer science courses may not be identical to UC Davis courses. Community college students, upon transfer to UC Davis, may need to make up any topic or language deficiencies.

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 130 Calculus for (5)

					Biological Sciences, Social Sciences and Business I
				<u>OR</u>	
MATH 16B	Short Calculus	(3)	MATH 150	Calculus with Analytic Geometry I	(5)
			MATH 131	Calculus for Biological Sciences, Social Sciences and Business II	(3)
				<u>OR</u>	
MATH 16C	Short Calculus	(3)	MATH 160	Calculus with Analytic Geometry II	(5)
			MATH 131	Calculus for Biological Sciences, Social Sciences and Business II	(3)
				<u>OR</u>	
MATH 17A	Calculus for BioSci	(4)	MATH 160	Calculus with Analytic Geometry II	(5)
				<u>OR</u>	
MATH 17A	Calculus for BioSci	(4)	MATH 130	Calculus for Biological Sciences, Social Sciences and Business I	(5)
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
				<u>OR</u>	
MATH 21A	Calculus	(4)	MATH 150	Calculus with Analytic Geometry I	(5)
MATH 21B	Calculus	(4)	MATH 160	Calculus with Analytic Geometry II	(5)
MATH 21C	Calculus	(4)	MATH 200	Multivariable Calculus	(4)

NOTE: THE MATH 21A,B,C SERIES IS RECOMMENDED IF AVAILABLE

MATH 22A	Linear Algebra	(3)	MATH 210	Linear Algebra	(4)
ENG CS 32A	Intro to Programming Formerly ENG CS 10	(4)	CS 101	Computer Concepts	(4)
				<u>OR</u>	
			CS 105	Theory and Practice I	(3)
				<u>OR</u>	
ENG CS 36A	Programming Formerly ENG CS 30	(4)	CS 137	C Programming	(3)
				<u>OR</u>	
ENG CS 36B	Object-Oriented Program Formerly ENG CS 40	(4)	CS 140	Object-Oriented Programming Using C++	(4)

Please note that the community college's computer science courses may not be identical to UC Davis courses. Community college students, upon transfer to UC Davis, may need to make up any topic or language deficiencies.

AND ONE COURSE FROM

STATIST 12	Discrete Probabil	(4)	NO COMPARABLE COURSE		
STATIST 13	Elementary Statistics Same as: STATIST 13Y	(4)	MATH 117	Elementary Statistics	(4)
				<u>OR</u>	
			MATH 117H	Elementary	(4)

				Statistics, Honors	
			<u>OR</u>		
			PSY 150	Statistics for the Behavioral Sciences	(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 150	Calculus with Analytic Geometry I	(5)
MATH 21B	Calculus	(4)	MATH 160	Calculus with Analytic Geometry II	(5)
MATH 21C	Calculus	(4)	MATH 200	Multivariable Calculus	(4)
MATH 21D	Vector Analysis	(4)	MATH 200	Multivariable Calculus	(4)
MATH 22A	Linear Algebra	(3)	MATH 210	Linear Algebra	(4)
ENG CS 36C	Data Structures	(4)	CS 106	Theory and Practice II	(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	(4)		MATH 117	Elementary Statistics (4)
Same as:	STATIST 13Y				
				<u>OR</u>	
				MATH 117H	Elementary (4)
					Statistics, Honors
				<u>OR</u>	
				PSY 150	Statistics for the (4)
					Behavioral Sciences
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 150	Calculus with Analytic (5) Geometry I
MATH 21B	Calculus	(4)	MATH 160	Calculus with Analytic (5) Geometry II
MATH 21C	Calculus	(4)	MATH 200	Multivariable Calculus (4)
MATH 21D	Vector Analysis	(4)	MATH 200	Multivariable Calculus (4)
MATH 22A	Linear Algebra	(3)	MATH 210	Linear Algebra (4)
	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) Formerly ENG CS 10		CS 101	Computer Concepts (4)
	OR		OR	
	OR		CS 105	Theory and Practice I (3)
	OR		OR	
ENG CS 36A	Programming (4) Formerly ENG CS 30		CS 137	C Programming (3)
	OR		OR	
ENG CS 36B	Object-Oriented Program (4) Formerly ENG CS 40		CS 140	Object-Oriented Programming Using C++ (4)

Please note that the community college's computer science courses may not be identical to UC Davis courses. Community college students, upon transfer to UC Davis, may need to make up any topic or language deficiencies.

AND ONE COURSE FROM

STATIST 13	Elementary Statistics (4) Same as: STATIST 13Y		MATH 117	Elementary Statistics (4)
			OR	
			MATH 117H	Elementary Statistics, Honors (4)
			OR	
			PSY 150	Statistics for the Behavioral Sciences (4)
STATIST 12	Discrete Probabil (4)		NO COMPARABLE COURSE	
STATIST 32	Gateway to Data Science (4)		NO COMPARABLE COURSE	

====Statistics B.S. (Statistical Data Science Track)====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students

complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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 150	Calculus with Analytic Geometry I	(5)
MATH 21B	Calculus	(4)	MATH 160	Calculus with Analytic Geometry II	(5)
MATH 21C	Calculus	(4)	MATH 200	Multivariable Calculus	(4)
MATH 21D	Vector Analysis	(4)	MATH 200	Multivariable Calculus	(4)
MATH 22A	Linear Algebra	(3)	MATH 210	Linear Algebra	(4)

ENG CS 32A	Intro to Programming	(4)	CS 101	Computer Concepts	(4)
	Formerly ENG CS 10				
			<u>OR</u>		
			CS 105	Theory and Practice I	(3)
				<u>OR</u>	
ENG CS 36A	Programming	(4)	CS 137	C Programming	(3)
	Formerly ENG CS 30			<u>OR</u>	
				<u>OR</u>	
ENG CS 36B	Object-Oriented Program	(4)	CS 140	Object-Oriented Programming Using C++	(4)
	Formerly ENG CS 40				

STATIST 12	Discrete Probabil	(4)	NO COMPARABLE COURSE		
	<u>OR</u>			<u>OR</u>	
STATIST 13	Elementary Statistics	(4)	MATH 117	Elementary Statistics	(4)
	Same as: STATIST 13Y			<u>OR</u>	
			MATH 117H	Elementary Statistics, Honors	(4)
				<u>OR</u>	
			PSY 150	Statistics for the Behavioral Sciences	(4)
	<u>OR</u>			<u>OR</u>	

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)	COMM 131	Fundamentals of Public Speaking	(3)
			<u>OR</u>		
			COMM 131H	Fundamentals of Public Speaking, Honors	(3)

PL SCI 15	Intro Sustainable Agriculture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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CM&RGDE 20	Food Systems	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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PL PATH 40	Edible Mushroom Cult	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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	<u>OR</u>			<u>OR</u>	
PL SCI 49	Org Crop Prod Prac	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

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
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 130 Calculus for (5)
Biological Sciences,
Social Sciences and
Business I
OR
MATH 150 Calculus with Analytic (5)
Geometry I
MATH 16B Short Calculus (3) | MATH 131 Calculus for (3)
Biological Sciences,
Social Sciences and
Business II
OR
MATH 160 Calculus with Analytic (5)
Geometry II

CHEM 2A Genl Chemistry (5) | CHEM 155 General Chemistry I (5)
CHEM 2B Genl Chemistry (5) | CHEM 155 & General Chemistry I (5)
CHEM 156 General Chemistry II (5)

PHYSICS 1A Principles Physics (3) | PHYS 105 & General Physics (4)
PHYS 106 General Physics (4)

BIOLSCI 2B Intro Biology: Ecology (5) | BIOL 101 & Plant Biology (4)
& Evolution
BIOL 102 Animal Biology (5)

PL SCI 2 Bot Physio Cul Plt (4) | NO COMPARABLE COURSE

AN SCI 1 Domest Ani & People (4) | NO COMPARABLE COURSE
OR
AN SCI 2 Intro Animal Sci (4) | NO COMPARABLE COURSE

FD S&T 1 Food Sci Principles (3) | NO COMPARABLE COURSE

ECON 1A Princ of Microecon (4) | ECON 101 Microeconomics (3)

CM&RGDE 1 The Community (4) | NO COMPARABLE COURSE

h) PHILOS 14 Eth Soc Prob in Soc (4) | PHIL 101 Introduction to (3)
Ethics
OR
PHIL 101H Introduction to (4)
Ethics, Honors
OR

PHILOS 15 Intro to Bioethics (4) | NO COMPARABLE COURSE
OR

PHILOS 24 Intro to Ethics (4) | PHIL 101 Introduction to Ethics (3)

ANTHRO 2 Cultural Anthropology (5) | ANTH 103 Introduction to (3)
Cultural Anthropology
OR

POL SCI 4 Bas Cnpt/Pol Thry (4) | POLS 132 Political Thinking (3)

	OR			OR	
SOCIOL 1	Intro Sociology	(5)	SOC 101	Introduction to Sociology	(3)
	OR			OR	
SOCIOL 3	Social Problems	(4)	SOC 109	Social Problems	(3)

TRACK II: FOOD AND SOCIETY

d) PHILOS 5	Critical Reasoning	(4)	PHIL 205	Introduction to Logic	(3)
	OR			OR	
PHILOS 31	Scientific Reason	(4)	NO COMPARABLE COURSE		

h) PHILOS 14	Eth Soc Prob in Soc	(4)	PHIL 101	Introduction to Ethics	(3)
			OR		
			PHIL 101H	Introduction to Ethics, Honors	(4)
	OR			OR	
PHILOS 15	Intro to Bioethics	(4)	NO COMPARABLE COURSE		
	OR			OR	
PHILOS 24	Intro to Ethics	(4)	PHIL 101	Introduction to Ethics	(3)

SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE		
	OR			OR	
STATIST 13	Elementary Statistics	(4)	MATH 117	Elementary Statistics	(4)
	Same as: STATIST 13Y				
			OR		
			MATH 117H	Elementary Statistics, Honors	(4)
			OR		
			PSY 150	Statistics for the Behavioral Sciences	(4)

CHEM 2A	Genl Chemistry	(5)	CHEM 155	General Chemistry I	(5)
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BIOLSCI 10	Everyday Biology	(4)	BIOL 100	Concepts of Biology	(4)
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PL SCI 2	Bot Physio Cul Plt	(4)	NO COMPARABLE COURSE		
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BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 101 &	Plant Biology	(4)
			BIOL 102	Animal Biology	(5)

	OR			OR	
ENV S&P 1	Env Analysis	(4)	NO COMPARABLE COURSE		

	OR			OR	
ENV S&P 30	Global Ecosystem	(3)	NO COMPARABLE COURSE		
	Same as: ENV SC&M 30				

	OR			OR	
W&F BIO 10	Wildl Ecol Conserve	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

	OR			OR	
W&F BIO 51	Intro to Conservation Biology	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

FD S&T 1	Food Sci Principles	(3)	NO COMPARABLE COURSE		
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SOILSCI 10	Soils in Our Environment	(3)	NO COMPARABLE COURSE		
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ECON 1A	Princ of Microecon	(4)	ECON 101	Microeconomics	(3)
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POL SCI 4	Bas Cnpt/Pol Thry	(4)	POLS 132	Political Thinking	(3)
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ANTHRO 2	Cultural Anthropology	(5)	ANTH 103	Introduction to Cultural Anthropology	(3)
	OR			OR	
SOCIOL 1	Intro Sociology	(5)	SOC 101	Introduction to Sociology	(3)
	OR			OR	
SOCIOL 3	Social Problems	(4)	SOC 109	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 130	Calculus for Biological Sciences, Social Sciences and Business I	(5)
			OR		
			MATH 150	Calculus with Analytic Geometry I	(5)
MATH 16B	Short Calculus	(3)	MATH 131	Calculus for Biological Sciences, Social Sciences and Business II	(3)
			OR		
			MATH 160	Calculus with Analytic Geometry II	(5)

SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE		
	OR			OR	
STATIST 13	Elementary Statistics	(4)	MATH 117	Elementary Statistics	(4)
	Same as: STATIST 13Y		OR		
			MATH 117H	Elementary Statistics, Honors	(4)
			OR		
			PSY 150	Statistics for the Behavioral Sciences	(4)

CHEM 2A	Genl Chemistry	(5)	CHEM 155	General Chemistry I	(5)
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BIOLSCI 10	Everyday Biology	(4)	BIOL 100	Concepts of Biology	(4)
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PL SCI 2	Bot Physio Cul Plt	(4)	NO COMPARABLE COURSE		
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BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 101 &	Plant Biology	(4)
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			BIOL 102	Animal Biology	(5)
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ENV S&P 1	Env Analysis	(4)	NO COMPARABLE COURSE		
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ENV S&P 30	Global Ecosystem	(3)	NO COMPARABLE COURSE		
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W&F BIO 10	Wildl Ecol Conserve	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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			OR		
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W&F BIO 51	Intro to Conservation Biology	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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FD S&T 1	Food Sci Principles	(3)	NO COMPARABLE COURSE		
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SOILSCI 10	Soils in Our	(3)	NO COMPARABLE COURSE		
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Environment				
ECON 1A	Princ of Microecon	(4)	ECON 101	Microeconomics (3)
ECON 1B	Princ of Macroecon	(4)	ECON 102	Macroeconomics (3)
POL SCI 4	Bas Cnpt/Pol Thry	(4)	POLS 132	Political Thinking (3)
ANTHRO 2	Cultural Anthropology	(5)	ANTH 103	Introduction to Cultural Anthropology (3)
	OR			OR
SOCIOL 1	Intro Sociology	(5)	SOC 101	Introduction to Sociology (3)
	OR			OR
SOCIOL 3	Social Problems	(4)	SOC 109	Social Problems (3)
CM&RGDE 1	The Community	(4)	NO COMPARABLE COURSE	
h) PHILOS 14	Eth Soc Prob in Soc	(4)	PHIL 101	Introduction to Ethics (3)
	OR			OR
			PHIL 101H	Introduction to Ethics, Honors (4)
	OR			OR
PHILOS 15	Intro to Bioethics	(4)	NO COMPARABLE COURSE	
	OR			OR
PHILOS 24	Intro to Ethics	(4)	PHIL 101	Introduction to Ethics (3)

END OF MAJOR

h) Students who complete PHIL 101 at Santa Barbara City College will receive credit at UC Davis for PHILOS 14 or 24, not both

d) **If a student takes PHIL 205 at Santa Barbara City College, credit will be given for UC Davis's PHILOS 5 or 12, not both.**

====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](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 of Agricultural and Environmental Sciences (A&ES) General Education (GE) English Composition Requirement for the Bachelor's Degree:

The College of A&ES English Composition requirement for the Bachelor's degree is an element of the UC Davis General Education (GE) pattern. This GE requirement may be satisfied by completing either two courses emphasizing written expression OR one course emphasizing written expression and one course emphasizing oral expression, with a grade of C- (or P) or better. The following UC Davis lower-division courses are among those that have been approved to satisfy this requirement: English 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (emphasis in either writing or speaking skills). The English Composition requirement may also be met by achieving a score of 4 or 5 on the Advanced Placement (AP) English examination PLUS completing any previously listed course, EXCEPT English 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC transfer students who have successfully completed the IGETC lower-division coursework are exempt from all GE requirements that may be met with lower-division courses. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer admission. See the [UC Transfer Admission website](#). The courses used for the A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

COMUNCN 1	Intro Public Spkg	(4)	COMM 131	Fundamentals of Public Speaking	(3)
			<u>OR</u>		
			COMM 131H	Fundamentals of Public Speaking, Honors	(3)

ENGLISH 3	Intro to Lit	(4)	ENG 111	Critical Thinking and Composition Through Literature	(3)
			<u>OR</u>		

			ENG 111H	Critical Thinking and Composition through Literature, Honors	(3)
	OR			OR	
UWRITING 1	Expository Writing	(4)	ENG 110	Composition and Reading	(3)
			OR		
			ENG 110H	Composition and Reading, Honors	(3)
	OR			OR	
UWRITING 48	Style in the Essay Formerly UWRITING 18	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR	
UWRITING 49	Writing Research Papers Formerly UWRITING 19	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 101 &	Plant Biology	(4)
			BIOL 102	Animal Biology	(5)

ALL OF THE FOLLOWING COURSES:

LND ARC 1	Intro Environ Design	(4)	NO COMPARABLE COURSE		
LND ARC 2	Place, Culture, Community	(4)	NO COMPARABLE COURSE		
LND ARC 3	Sustainable Development	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
LND ARC 21	Landscape Rep I Formerly Design Visualization	(4)	NO COMPARABLE COURSE		
LND ARC 30	History Environ Design	(4)	NO COMPARABLE COURSE		
LND ARC 50	Site Ecology	(4)	NO COMPARABLE COURSE		
LND ARC 70	Intro to Spacemaking	(4)	NO COMPARABLE COURSE		

AND ONE COURSE IN A PHYSICAL SCIENCE

END OF MAJOR

====Textiles and Clothing B.S. (Marketing/Economics)====

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

The undergraduate major Textiles and Clothing in the College of Agricultural and Environmental Sciences is suspended for 2019-20, and fall 2019 TAGs will not be available.

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is highly recommended that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. See the [UC Transfer Admission website](#) for details. UC Davis requires that students complete the minimum transfer admission requirement by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College of Agricultural and Environmental Sciences (A&ES) General Education (GE) English Composition Requirement for the Bachelor's Degree:

The College of A&ES English Composition requirement for the Bachelor's degree is an element of the UC Davis General Education (GE) pattern. This GE requirement may be satisfied by completing either two courses emphasizing written expression OR one course emphasizing written expression and one course emphasizing oral expression, with a grade of C- (or P) or better. The following UC Davis lower-division courses are among those that have been approved to satisfy this requirement: English 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (emphasis in either writing or speaking skills). The English Composition requirement may also be met by achieving a score of 4 or 5 on the Advanced Placement (AP) English examination PLUS completing any previously listed course, EXCEPT English 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC transfer students who have successfully completed the IGETC lower-division coursework are exempt from all GE requirements that may be met with lower-division courses. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer admission. See the [UC Transfer Admission website](#). The courses used for the A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

PL SCI 21	Computers in Technology	(3)		NO COMPARABLE COURSE
	OR			OR
B) ENG CS 15	Intro to Computers	(4)		NO COMPARABLE COURSE
	OR			OR

ENG CS 36A Programming Formerly ENG CS 30	(4)		CS 137	C Programming	(3)
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Please note that the community college's computer science courses may not be identical to UC Davis courses. Community college students, upon transfer to UC Davis, may need to make up any topic or language deficiencies.

ECON 1A	Princ of Microecon	(4)		ECON 101	Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)		ECON 102	Macroeconomics	(3)

4 QUARTER UNITS FROM THE FOLLOWING:

ANTHRO 2	Cultural Anthropology	(5)		ANTH 103	Introduction to Cultural Anthropology	(3)
	OR				OR	
SCI&SOC 1	Critical Inquiry into Contemporary Issues	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR				OR	
ARTHI 1A	Ancient Mediterranean Art	(4)		ART 103	History of Art, Prehistoric to Gothic	(3)
	OR				OR	
ARTHI 1B	Mediev&Renaiss Art	(4)		ART 103 &	History of Art, Prehistoric to Gothic	(3)
				ART 104	History of Art, Renaissance to Modern	(3)
				OR		
				ART 103 &	History of Art, Prehistoric to Gothic	(3)
				ART 104H	History of Art, Renaissance to Modern, Honors	(3)
	OR				OR	
ARTHI 1C	Baroque to Modern Art	(4)		ART 104	History of Art, Renaissance to Modern	(3)
				OR		
				ART 104H	History of Art, Renaissance to Modern, Honors	(3)
	OR				OR	
ARTHI 1D	Arts of Asia	(4)		ART 108	History of Asian Art	(3)

ALL OF THE FOLLOWING COURSES:

PHYSICS 1A	Principles Physics	(3)		PHYS 105 &	General Physics	(4)
				PHYS 106	General Physics	(4)
	OR				OR	
PHYSICS 10	Topics, Nonscientists	(4)		PHYS 101	Conceptual Physics	(3)
PSYCH 1	General Psychology	(4)		PSY 100	General Psychology	(3)
				OR		
				PSY 100H	General Psychology, Honors	(4)
SOCIOL 2	Self and Society	(4)		SOC 104	Social Psychology	(3)
STATIST 13	Elementary Statistics	(4)		MATH 117	Elementary Statistics	(4)
Same as: STATIST 13Y				OR		
				MATH 117H	Elementary Statistics, Honors	(4)
				OR		
				PSY 150	Statistics for the	(4)

Behavioral Sciences

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)	ACCT 230	Financial Accounting (5)
MGMT 11B	Elem Accounting	(4)	ACCT 240	Managerial Accounting (4)
CHEM 10	Concept of Chem	(4)	NO COMPARABLE COURSE	
	OR			
CHEM 2A	Genl Chemistry	(5)	CHEM 155	General Chemistry I (5)
MATH 16A	Short Calculus	(3)	MATH 130	Calculus for (5) Biological Sciences, Social Sciences and Business I
			OR	
			MATH 150	Calculus with Analytic (5) Geometry I
MATH 16B	Short Calculus	(3)	MATH 131	Calculus for (3) Biological Sciences, Social Sciences and Business II
			OR	
			MATH 160	Calculus with Analytic (5) Geometry II

RESTRICTED ELECTIVES (12 QUARTER UNITS):

AGRESEC 18	Business Law	(4)	BLAW 110	Legal Environment of (4) Business
DESIGN 77	Intro to Fashion Design	(4)	NO COMPARABLE COURSE	
MATH 16C	Short Calculus	(3)	MATH 131	Calculus for (3) Biological Sciences, Social Sciences and Business II
			OR	
			MATH 160	Calculus with Analytic (5) Geometry II

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:

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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.

PL SCI 21	Computers in Technology	(3)		NO COMPARABLE COURSE	
	OR			OR	
B) ENG CS 15	Intro to Computers	(4)		NO COMPARABLE COURSE	
	OR			OR	
ENG CS 36A	Programming	(4)		CS 137	C Programming (3)
	Formerly ENG CS 30				

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 101	Microeconomics (3)
ECON 1B	Princ of Macroecon	(4)		ECON 102	Macroeconomics (3)

4 QUARTER UNITS FROM THE FOLLOWING:

ANTHRO 2	Cultural Anthropology	(5)		ANTH 103	Introduction to Cultural Anthropology (3)
	OR			OR	
SCI&SOC 1	Critical Inquiry into Contemporary Issues	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
	OR			OR	
ARTHI 1A	Ancient Mediterranean Art	(4)		ART 103	History of Art, Prehistoric to Gothic (3)
	OR			OR	
ARTHI 1B	Mediev&Renaiss Art	(4)		ART 103	& History of Art, Prehistoric to Gothic (3)
				ART 104	History of Art, Renaissance to Modern (3)
	OR			OR	
				ART 103	& History of Art, Prehistoric to Gothic (3)
				ART 104H	History of Art, Renaissance to Modern, Honors (3)
	OR			OR	
ARTHI 1C	Baroque to Modern Art	(4)		ART 104	History of Art, Renaissance to Modern (3)
	OR			OR	
				ART 104H	History of Art, Renaissance to Modern, Honors (3)
	OR			OR	
ARTHI 1D	Arts of Asia	(4)		ART 108	History of Asian Art (3)

ALL OF THE FOLLOWING COURSES:

PHYSICS 1A	Principles Physics	(3)		PHYS 105	& General Physics (4)
				PHYS 106	General Physics (4)

PHYSICS 10	<u>OR</u> Topics, Nonscientists	(4)	PHYS 101	Conceptual Physics	(3)
PSYCH 1	General Psychology	(4)	PSY 100	General Psychology	(3)
			<u>OR</u> PSY 100H	General Psychology, Honors	(4)
SOCIOL 2	Self and Society	(4)	SOC 104	Social Psychology	(3)
STATIST 13	Elementary Statistics	(4)	MATH 117	Elementary Statistics	(4)
	Same as: STATIST 13Y		<u>OR</u> MATH 117H	Elementary Statistics, Honors	(4)
			<u>OR</u> PSY 150	Statistics for the Behavioral Sciences	(4)
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 155	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 155 & CHEM 156	General Chemistry I General Chemistry II	(5) (5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM 211	Organic Chemistry I	(3)
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
MATH 16A	Short Calculus	(3)	MATH 130	Calculus for Biological Sciences, Social Sciences and Business I	(5)
			<u>OR</u> MATH 150	Calculus with Analytic Geometry I	(5)
<u>RESTRICTED ELECTIVES (16 QUARTER UNITS):</u>					
AGRESEC 18	Business Law	(4)	BLAW 110	Legal Environment of Business	(4)
CHEM 2C	Genl Chemistry	(5)	CHEM 156	General Chemistry II	(5)
CHEM 128A	Organic Chemistry	(3)	CHEM 211	Organic Chemistry I	(3)
CHEM 128B	Organic Chemistry	(3)	CHEM 211 & CHEM 212	Organic Chemistry I Organic Chemistry II	(3) (3)
CHEM 128C	Organic Chemistry	(3)	CHEM 212	Organic Chemistry II	(3)
DESIGN 77	Intro to Fashion Design	(4)	NO COMPARABLE COURSE		
MGMT 11A	Elem Accounting	(4)	ACCT 230	Financial Accounting	(5)
MGMT 11B	Elem Accounting	(4)	ACCT 240	Managerial Accounting	(4)
MATH 16B	Short Calculus	(3)	MATH 131	Calculus for Biological Sciences, Social Sciences and Business II	(3)
			<u>OR</u> MATH 160	Calculus with Analytic Geometry II	(5)
MATH 16C	Short Calculus	(3)	MATH 131	Calculus for Biological Sciences, Social Sciences and Business II	(3)
			<u>OR</u> MATH 160	Calculus with Analytic	(5)

SOCIOL 25 Popular Culture (4) | Geometry II
| 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)	TA 213	Intermediate Acting B	(3)
DRAMART 40A	Beg Modern Dance	(2)	NO COMPARABLE COURSE		
DRAMART 40B	Int Modern Dance	(2)	NO COMPARABLE COURSE		
DRAMART 42A	Beg Ballet	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
DRAMART 42B	Inter Ballet	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

ALL OF THE FOLLOWING COURSES:

DRAMART 28	Stagecraft & Management	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
DRAMART 55	Cont Theatre Dance Perf	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
DRAMART 56A	Hist Theatre Dance I	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
DRAMART 56B	Hist Theatre Dance II	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
DRAMART 56C	Hist Theatre Dance III	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

END OF MAJOR

====Viticulture and Enology B.S.====

Special Advising Note:

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

This major is selective and requires preparatory coursework for admission. Any required courses that are offered at your current campus must be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses are not offered at your college, you must complete them after enrolling at UC Davis.

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 3.00 for the group. It is required that candidates have a cumulative GPA of at least 3.00 for courses in the group below that have been completed by the time of application and maintain the GPA through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

General Chemistry 2A/B/C
Organic Chemistry 8A
Mathematics 16A
Physics 1A/B or 7A
Biological Sciences 2A

It is strongly recommended that students complete courses comparable to the following UC Davis courses; if taken, the student must have a GPA of at least 3.00 for the entire group of courses listed above and below. Courses must be taken for a letter grade, with no grade less than C:

Organic Chemistry 8B
Mathematics 16B
Plant Sciences 2

Transfer students must also meet UC transfer admission requirements. UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education (GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College of Agricultural and Environmental Sciences (A&ES) General Education (GE) English Composition Requirement for the Bachelor's Degree:

The College of A&ES English Composition requirement for the Bachelor's degree is an element of the UC Davis General Education (GE) pattern. This GE requirement may be satisfied by completing either two courses emphasizing written expression OR one course emphasizing written expression and one course emphasizing oral expression, with a grade of C- (or P) or better. The following UC Davis lower-division courses are among those that have been approved to satisfy this requirement: English 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (emphasis in either writing or speaking skills). The English Composition requirement may also be met by achieving a score of 4 or 5 on the Advanced Placement (AP) English examination PLUS completing any previously listed course, EXCEPT English 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC transfer students who have successfully completed the IGETC lower-division

coursework are exempt from all GE requirements that may be met with lower-division courses. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer admission. See the [UC Transfer Admission website](#). The courses used for the A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 103	Cell Biology	(5.5)
	OR			OR	
PL SCI 2	Bot Physio Cul Plt	(4)	NO COMPARABLE COURSE		
CHEM 2A	Genl Chemistry	(5)	CHEM 155	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 155 &	General Chemistry I	(5)
			CHEM 156	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 156	General Chemistry II	(5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM 211	Organic Chemistry I	(3)
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
PL SCI 21	Computers in Technology	(3)	NO COMPARABLE COURSE		

OR EQUIVALENT AND advisor APPROVAL

MATH 16A	Short Calculus	(3)	MATH 130	Calculus for Biological Sciences, Social Sciences and Business I	(5)
			OR		
			MATH 150	Calculus with Analytic Geometry I	(5)
MATH 16B	Short Calculus	(3)	MATH 131	Calculus for Biological Sciences, Social Sciences and Business II	(3)
			OR		
			MATH 160	Calculus with Analytic Geometry II	(5)
PHYSICS 1A	Principles Physics	(3)	PHYS 105 &	General Physics	(4)
			PHYS 106	General Physics	(4)
	AND			AND	
PHYSICS 1B	Principles Physics	(3)	PHYS 105 &	General Physics	(4)
			PHYS 106	General Physics	(4)
	OR			OR	
PHYSICS 7A	General Physics	(4)	PHYS 105 &	General Physics	(4)

	PHYS 106	General Physics	(4)
	<u>OR</u>		
	PHYS 110 &	Introductory Physics	(4)
	PHYS 111	Introductory Physics	(4)

It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

VIT-ENO 2	Intro to Viticult	(2)	NO COMPARABLE COURSE
VIT-ENO 3	Intro Winemaking	(3)	NO COMPARABLE COURSE

END OF MAJOR

====Wildlife, Fish and Conservation Biology B.S.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is highly recommended that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. See the [UC Transfer Admission website](#) for details. UC Davis requires that students complete the minimum transfer admission requirement by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

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expression, with a grade of C- (or P) or better. The following UC Davis lower-division courses are among those that have been approved to satisfy this requirement: English 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (emphasis in either writing or speaking skills). The English Composition requirement may also be met by achieving a score of 4 or 5 on the Advanced Placement (AP) English examination PLUS completing any previously listed course, EXCEPT English 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC transfer students who have successfully completed the IGETC lower-division coursework are exempt from all GE requirements that may be met with lower-division courses. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer admission. See the [UC Transfer Admission website](#). The courses used for the A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

UWRITING 1	Expository Writing	(4)	ENG 110	Composition and Reading	(3)
			<u>OR</u>		
			ENG 110H	Composition and Reading, Honors	(3)
	AND		AND		
COMUNCN 1	Intro Public Spkg	(4)	COMM 131	Fundamentals of Public Speaking	(3)
			<u>OR</u>		
			COMM 131H	Fundamentals of Public Speaking, Honors	(3)
	OR		OR		
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	COMM 121	Interpersonal Communication	(3)
			<u>OR</u>		
			COMM 121H	Interpersonal Communication, Honors	(3)
	OR		OR		
DRAMART 10	Intro To Acting	(4)	TA 111 &	Beginning Acting	(3)
			TA 112	Intermediate Acting A	(3)

Note: Completing UWP 1 and Communication 1 will simultaneously satisfy the College requirements.

BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 103	Cell Biology	(5.5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 101 &	Plant Biology	(4)

BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 102	Animal Biology	(5)
			BIOL 101	& Plant Biology	(4)
			BIOL 102	Animal Biology	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 155	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 155	& General Chemistry I	(5)
			CHEM 156	General Chemistry II	(5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM 211	Organic Chemistry I	(3)
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		

MATH 16A	Short Calculus	(3)	MATH 130	Calculus for	(5)
				Biological Sciences, Social Sciences and Business I	
			<u>OR</u>		
			MATH 150	Calculus with Analytic	(5)
				Geometry I	
MATH 16B	Short Calculus	(3)	MATH 131	Calculus for	(3)
				Biological Sciences, Social Sciences and Business II	
			<u>OR</u>		
			MATH 160	Calculus with Analytic	(5)
				Geometry II	

PHYSICS 1A	Principles Physics	(3)	PHYS 105	& General Physics	(4)
			PHYS 106	General Physics	(4)
PHYSICS 1B	Principles Physics	(3)	PHYS 105	& General Physics	(4)
			PHYS 106	General Physics	(4)

ONE COURSE FROM THE FOLLOWING (3-4 QUARTER UNITS):

W&F BIO 10	Wildl Ecol Conserve	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
W&F BIO 50	Calif Wild Vertebrates	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
W&F BIO 51	Intro to Conservation Biology	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

RECOMMENDED COURSES FOR THE WILDLIFE HEALTH AREA OF SPECIALIZATION:

CHEM 2C	Genl Chemistry	(5)	CHEM 156	General Chemistry II	(5)
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 211	& Organic Chemistry I	(3)
			CHEM 221	Organic Chemistry	(2.3)
				Laboratory I	
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 211	& Organic Chemistry I	(3)
			CHEM 221	& Organic Chemistry	(2.3)
				Laboratory I	
			CHEM 212	& Organic Chemistry II	(3)
			CHEM 222	Organic Chemistry	(2.5)
				Laboratory II	
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 212	& Organic Chemistry II	(3)
			CHEM 222	Organic Chemistry	(2.5)
				Laboratory II	
PHYSICS 7A	General Physics	(4)	PHYS 105	& General Physics	(4)
			PHYS 106	General Physics	(4)
			<u>OR</u>		
			PHYS 110	& Introductory Physics	(4)
			PHYS 111	Introductory Physics	(4)
PHYSICS 7B	General Physics	(4)	PHYS 105	& General Physics	(4)
			PHYS 106	General Physics	(4)
			<u>OR</u>		

PHYSICS 7C	General Physics	(4)	PHYS 110	&	Introductory Physics	(4)
			PHYS 111		Introductory Physics	(4)
			PHYS 105	&	General Physics	(4)
			PHYS 106		General Physics	(4)
				OR		
			PHYS 110	&	Introductory Physics	(4)
		PHYS 111		Introductory Physics	(4)	

END OF MAJOR

====Worksheet UGA (ENG)====

IMPORTANT ADVISORY REGARDING THIS WORKSHEET

This worksheet serves as an administrative tool and should not be used to determine specific major preparation for UC Davis College of Engineering majors.

View the "By Major" section of ASSIST to best assess the requirements for your major of interest.

This worksheet provides a listing of lower-division preparatory courses required for certain College of Engineering majors and may be helpful in correlation with review of the College of Engineering Transfer Credit Agreements (engineering grids) available at <http://engineering.ucdavis.edu/transfer-credit-agreements/>

MATH 21A	Calculus	(4)	MATH 150		Calculus with Analytic Geometry I	(5)
MATH 21B	Calculus	(4)	MATH 160		Calculus with Analytic Geometry II	(5)
MATH 21C	Calculus	(4)	MATH 200		Multivariable Calculus	(4)
MATH 21D	Vector Analysis	(4)	MATH 200		Multivariable Calculus	(4)
MATH 22A	Linear Algebra	(3)	MATH 210		Linear Algebra	(4)
MATH 22B	Differntl Equations	(3)	MATH 220		Differential Equations	(4)
CHEM 2A	Genl Chemistry	(5)	CHEM 155		General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 155	&	General Chemistry I	(5)
			CHEM 156		General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 156		General Chemistry II	(5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM 211		Organic Chemistry I	(3)
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE			
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 211	&	Organic Chemistry I	(3)
			CHEM 221		Organic Chemistry Laboratory I	(2.3)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 211	&	Organic Chemistry I	(3)
			CHEM 221	&	Organic Chemistry Laboratory I	(2.3)
			CHEM 212	&	Organic Chemistry II	(3)
			CHEM 222		Organic Chemistry Laboratory II	(2.5)
CHEM 128A	Organic Chemistry	(3)	CHEM 211		Organic Chemistry I	(3)
CHEM 128B	Organic Chemistry	(3)	CHEM 211	&	Organic Chemistry I	(3)

			CHEM 212	Organic Chemistry II	(3)
CHEM 129A	Organic Chem Lab	(2)	CHEM 221	Organic Chemistry Laboratory I	(2.3)
PHYSICS 9A	Classical Physics	(5)	PHYS 121	Mechanics of Solids and Fluids	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS 123	Heat, Light and Modern Physics	(5)
PHYSICS 9C	Classical Physics	(5)	PHYS 122	Electricity and Magnetism	(5)
PHYSICS 9D	Modern Physics	(4)	NO COMPARABLE COURSE		
BIMEDEN 20	Fundamentals of Bioengineering	(4)	NO COMPARABLE COURSE		
ENGIN 4	Graphics in Design	(3)	ENGR 105	Engineering Graphics	(4)
ENGIN 6	Engr Prob Solving	(4)	CS 133	Introduction to Programming for Engineers	(3)
ENGIN 17	Circuits I	(4)	ENGR 117 & ENGR 117L	Electronic Circuits Laboratory	(3) (1)
ENGIN 35	Statics	(4)	ENGR 115	Statics and Strength of Materials	(4)
ENGIN 45	Prop of Mats	(4)	NO COMPARABLE COURSE		
ENG CS 20	C Sci/Discrete Math	(4)	CS 108	Discrete Structures	(4)
ENG CS 36A	Programming Formerly ENG CS 30	(4)	CS 137	C Programming	(3)
ENG CS 36B	Object-Oriented Program Formerly ENG CS 40	(4)	CS 140	Object-Oriented Programming Using C++	(4)
ENG CS 50	Machine Dependent Prog	(4)	CS 107	Computer Architecture & Organization	(3)
ENG CS 36C	Data Structures Formerly ENG CS 60	(4)	CS 106	Theory and Practice II	(3)
ENG BS 1	Biosys Engr Fndts	(4)	NO COMPARABLE COURSE		
ENG BS 75	Prop Mat in Bio Sys	(4)	NO COMPARABLE COURSE		
ENG MEC 50	Mfg Processes	(4)	NO COMPARABLE COURSE		
ENG CHM 51	Material Balances	(4)	NO COMPARABLE COURSE		
ENG CHM 60	Engineering Problem Solv	(4)	NO COURSE ARTICULATED		
ENG CHM 80	Chem Engr Profession	(1)	NO COMPARABLE COURSE		
ENG E&C 7	Prog & Microcontrollers	(4)	NO COURSE ARTICULATED		

UWRITING 1	Expository Writing	(4)	ENG 110	Composition and Reading	(3)
			<u>OR</u>		
			ENG 110H	Composition and Reading, Honors	(3)
ENGLISH 3	Intro to Lit	(4)	ENG 111	Critical Thinking and Composition Through Literature	(3)
			<u>OR</u>		
			ENG 111H	Critical Thinking and Composition through Literature, Honors	(3)
COMUNCN 1	Intro Public Spkg	(4)	COMM 131	Fundamentals of Public Speaking	(3)
			<u>OR</u>		
			COMM 131H	Fundamentals of Public Speaking, Honors	(3)
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	COMM 121	Interpersonal Communication	(3)
			<u>OR</u>		
			COMM 121H	Interpersonal Communication, Honors	(3)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 103	Cell Biology	(5.5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 101 &	Plant Biology	(4)
			BIOL 102	Animal Biology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 101 &	Plant Biology	(4)
			BIOL 102	Animal Biology	(5)
m) GEOLOGY 50	Physical Geology	(3)	ERTH 111	Dynamic Earth-Physical Geology	(3)
ATM SCI 60	Intro to Atmospheric Science	(4)	NO COMPARABLE COURSE		

END OF MAJOR

m) **If a student takes EARTH 111 at Santa Barbara City College, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.**