18-19 General Catalog Quarter | 18-19 General Catalog Semester

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 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ 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	(3)
		Culture	
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	(3)
				Sociology	
POL SCI 1	Amer Natl Govt	(4)	POLS 101	American Government	(3)
			j	and Politics	
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,	(4)
			İ	Honors	

ONE COURSE FROM THE FOLLOWING:

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
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 (3) Cultural Heritage
AMR STD 10	Intro American Studies	s (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) Asian-American History, 1849 to 1965
A A STD 2	Contemp Issues of Asian Americans	n (4)	ASAM 102 Contemporary (3) Asian-American History
WOM STD 50	Intro Gender Studies		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
	Africa Today	. ,	NO COURSE ARTICULATED
HISTORY 17A	U.S. History	(4)	HIST 101
HISTORY 17B	U.S. History	(4)	HIST 102 History of the U.S. (3) since 1865
			<u>OR</u>
			HIST 102H History of the United (4)
			States since 1865, Honors
	4 QUARTER UNI	rs fro	M THE FOLLOWING:
AF-AMST 16	African Verbal Arts	(4)	NO COMPARABLE COURSE
AF-AMST 51	History Af-Amr Dance		NO COMPARABLE COURSE
	Beg Jazz Dance	(2)	NO COMPARABLE COURSE
DRAMART 41B	Inter Jazz Dance		NO COMPARABLE COURSE
DRAMART 44A	Beg Hip Hop Dance	(2-4)	NO COURSE ARTICULATED: College has not
DRAMART 44B	Inter Hip Hop Dance	(2-4)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	Introduction to African American Music	(4)	BLST 111 The African-American (3) Music Experience

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 $\frac{\text{highly recommended}}{\text{Preparing well for}}$ 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. additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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:

 $\underline{\texttt{General Catalog}}$. Quick reference charts for $\underline{\texttt{AP}}$ and $\underline{\texttt{IB}}$ are also available from our TAG website.

			LITTOR 101 11 11 11 11 11 11 11 11 11 11 11 11
HISTORY 17A		(4)	HIST 101
DOI GGT 1	OR	(1)	OR
POL SCI I	Amer Natl Govt	(4)	POLS 101 American Government (3 and Politics
A :	MINIMUM OF 8 QUARTER UNITS		M 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 ZI	Intro Animal Sci Livestock&Dairy Jdg Domestic Ani Prod	(2)	NO COMPARABLE COURSE
AN SCI 41		(2)	NO COMPARABLE COURSE
ABIOSYT 16	Metal Prop & Fabr	(2)	NO COURSE ARTICULATED: College has no submitted course(s)for articulation
ABIOSYT 49			
ABIOSYT 52	Field Equip Welding	(2)	NO COURSE ARTICULATED: College has no submitted course(s)for articulation
AGRESEC 15	Pop,Envr,World Agri AND	(4)	NO COMPARABLE COURSE AND
ECON 1A	Princ of Microecon OR	(4)	ECON 101 Microeconomics (3
	Princ of Macroecon	(4)	ECON 102 Macroeconomics (3
		(3)	EH 101 Plant Identification and (3
ENVHORT 6	Intro Environ Plants	(4)	BOT 122 Flowering Plant (3
PL SCI 5	Plants Gard, Orch & Land	(2)	NO COURSE ARTICULATED: College has no submitted course(s) for articulation
FORMERLY PL	ANT BIO 1 		
ENV S&P 10	Current Issues in Environment	(3)	NO COMPARABLE COURSE
			ents who have completed ENV S&P 1
ENV TOX 10	Toxicology		
	Water, Power, Society SCI&SOC 10	(3)	NO COURSE ARTICULATED: College has no submitted course(s) for articulation
PL SCI 1	Agr Nature & Society	(3)	
	Bot Physio Cul Plt		
			NO COURSE ARTICULATED: College has no
	Agriculture		submitted course(s) for articulation
PL SCI 49	Org Crop Prod Prac	(3)	NO COURSE ARTICULATED: College has no
			submitted course(s) for articulation
	Intro to Viticult		
	Intro Winemaking		NO COMPARABLE COURSE
			WING COURSES:
BIOLSCI 2A	Earth		BIOL 103 Cell Biology (5.5
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 101 & Plant Biology (4
			BIOL 102 Animal Biology (5
			CHEM 155 General Chemistry I (5
CHEM 2B	Genl Chemistry		CHEM 155 $\underline{\&}$ General Chemistry I (5
			CHEM 156 General Chemistry II (5

m) GEOLOGY	1 The Earth	(4)		Dynamic Earth-Physical Geology	(3)
GEOLOGY 20	California Geology	(2)			(3)
SOILSCI 10	Soils in Our Environment	(3)	 NO COMPARAB] 		
MATH 16A	Short Calculus	(3)	MATH 130 OR	Calculus for Biological Sciences, Social Sciences and Business I	(5)
			 MATH 150 	Calculus with Analytic Geometry I	(5)
MATH 16B	Short Calculus	(3)	MATH 131 OR	Calculus for Biological Sciences, Social Sciences and Business II	(3)
	OR		<u>OK</u> MATH 160 	Calculus with Analytic Geometry II OR	(5)
MATH 17A	Calculus for BioSci	(4)	MATH 130 	Calculus for Biological Sciences, Social Sciences and Business I	(5)
MATH 17B	Calculus for Biosci OR	(4)	NO COMPARABI		
MATH 21A			i	Calculus with Analytic	
MATH 21B	Calculus	(4)		Calculus with Analytic Geometry II	(5)
PHYSICS 7A	General Physics	(4)		General Physics	(4) (4)
PHYSICS 7B	General Physics	(4)	PHYS 111 PHYS 105 & PHYS 106 OR	General Physics	(4) (4) (4) (4)
			PHYS 110 & PHYS 111	Introductory Physics 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

 $\mbox{\it m})$ If a student takes ERTH 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:

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

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

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

ONE COURSE FROM THE FOLLOWING:

AMR	STD	1A	Science and American Culture	(4) NO COMPARABLE COURSE
AMR	STD	1B	Relig in Am Lives	(4) NO COMPARABLE COURSE
AMR	STD	1C	American Lives	(4) NO COMPARABLE COURSE
AMR	STD	1E	Nat&Cult Amr	(4) NO COMPARABLE COURSE
AMR	STD	5	Tech in Amr Lives	(4) NO COMPARABLE COURSE
AMR	STD	21	Objects & Everyday Life	(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation

AMD CTD 2F II C ag Buginagg	(4) NO COURSE ARTICULATED: College has	not						
Culture	submitted course(s) for articulatio	n						
AMR STD 30 Amr Images Pop Cult								
	(4) NO COURSE ARTICULATED: College has submitted course(s) for articulatio							
	(4) NO COURSE ARTICULATED: College has submitted courses for articulation	not						
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	Asian-American	(3)						
CHICANO 10 Intro to Chic Std	in U.S. History from the 1960s to the Present	(3)						
	I	(3)						
N A STD 1 Intro NA Studies	(Chicano) Culture (4) NATA 101 American Indian: Past and Present	(3)						
ONE COURSE FR	OM THE FOLLOWING:							
ANTHRO 2 Cultural Anthropology	(5) ANTH 103 Introduction to	(3)						
	Cultural Anthropology (4) SOC 104 Social Psychology (4) NO COURSE ARTICULATED: College has submitted course(s) for articulation	not						
ONE COURSE FR	OM 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)						
	OR HIST 102H History of the United States since 1865, Honors	(4)						
e) HISTORY 72A Am Women & Gender	!	(3)						
		(3)						
ONE COURSE FR	OM THE FOLLOWING:							
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) ENGLISH 10A Literatures in English I: To 1700	!	(3)						
n) ENGLISH 10B Literatures in	!	(3)						

0)	English II: 1700-1900			Literature	
			<u>OR</u> ENG 222	Survey of British	(3)
			ENG ZZZ	Literature	(3)
			OR		
			ENG 225	American Literature	(3)
o) ENGLISH 10C	Literatures in	(4)	ENG 222	Survey of British	(3)
	English III: 1900			Literature	
	to Present				
			OR OR		
			ENG 226	American Literature	(3)
			OR OR		
			ENG 226H	American Literature,	(4)
				Honors	
FILM ST 1 Intr	o to Film Studies	(4)		ARTICULATED: College has	
_			submitted	course(s) for articulati	on

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.
- $\rm n)$ 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.
- $_{\odot})$ 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 $\underline{\text{highly recommended}}$ that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

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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: Ecolog & Evolution	y (5)	BIOL	101	<u>&</u>	Plant Biology	(4)
				BIOL	102		Animal Biology	(5)
BIOLSCI	2C	<pre>Intro Biology: Biodiversity & the Tr of Life</pre>		BIOL	101	<u>&</u>	Plant Biology	(4)
				BIOL	102		Animal Biology	(5)
CHEM 2A CHEM 2B		nl Chemistry nl Chemistry	, ,	CHEM CHEM CHEM	155	<u>&</u>	General Chemistry : General Chemistry : General Chemistry :	I (5)
CHEM 2C	Ge	nl Chemistry	(5)	CHEM	156		General Chemistry	
CHEM 8A	0r	ganic Chem-Brief	(2)	 CHEM	211	-	Organic Chemistry	I (3)

CHEM 8B	Organic Chem-Brief OR	(4)	NO COMPARABLE COURSE 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
матн 16в	Short Calculus	(3)	MATH 131 Calculus for (3) Biological Sciences, Social Sciences and Business II OR
			MATH 160 Calculus with Analytic (5) Geometry II
MATH 16C	Short Calculus	(3)	MATH 131
	OR		MATH 160 Calculus with Analytic (5) Geometry II OR
матн 17а	Calculus for BioSci	(4)	MATH 130 Calculus for (5) Biological Sciences, Social Sciences and Business I
MATH 17B MATH 17C	Calculus for Biosci Calculus for BioSci	, ,	NO COMPARABLE COURSE
MATH 21A	OR Calculus	(4)	OR 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)
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) OR
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)
It is highl	y recommended that student	s coi	OR PHYS 110 & Introductory Physics (4) PHYS 111 Introductory Physics (4) Introductory Physics (4) Physics at Physics series at Physics Physi

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 Elem Same as: STATI	mentary Statistics ST 13Y	(4)	MATI	н 117	Elementary	Statistics	(4)
		İ		OR			
		İ	MATE	<u> </u>	Elementary		(4)
		j			Statistics	, Honors	
				OR			
		ĺ	PSY	150	Statistics	for the	(4)
		ĺ			Behavioral	Sciences	
AN BIOL 50A An	imal Biol Lab	(2)	NO C	COMPARABLE	COURSE		
AN BIOL 50B An	imal Biology	(3)	NO (COMPARABLE	COURSE		
AN BIOL 50C An	imal Biology	(3)	NO C	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 $\frac{\text{highly recommended}}{\text{Preparing well for}}$ that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

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

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ 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

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.

Planned Plannet (PP) and Tabanachi and Panalamachi (TP) Panalamachi and

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ are also available from our TAG website.

AN SCI 1 AN SCI 2	Domest Ani & People Intro Animal Sci	. ,	!		ABLE COURSE ABLE COURSE	
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	 BIOL 	103	Cell Biology	(5.5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL	101 8	Plant Biology	(4)
			BIOL	102	Animal Biology	(5)
BIOLSCI 2C	<pre>Intro Biology: Biodiversity & the Tree of Life</pre>	(5)	BIOL 	101 8	Plant Biology	(4)
			BIOL	102	Animal Biology	(5)
	Genl Chemistry Genl Chemistry		!		General Chemistry I	(5) (5) (5)

CHEM 8A CHEM 8B	Organic Chem-Brief Organic Chem-Brief	(4)	NO COMPARABLE	rganic Chemistry I COURSE	(3)			
PL SCI 21	Computers in Technology OR							
B) ENG CS 1	IS Intro to Computers	(4)	NO COMPARABLE	OR COURSE				
ECON 1A ECON 1B	Princ of Microecon Princ of Macroecon	(4) (4)		icroeconomics acroeconomics	(3)			
MGMT 11B	Elem Accounting Elem Accounting	(4)	ACCT 230 Fi	inancial Accounting anagerial Accounting	(4)			
	Short Calculus		MATH 130 Ca Bi Sc		(5)			
				alculus with Analytic eometry I	(5)			
MATH 16B	Short Calculus	(3)	MATH 131 Ca Bi Sc Bu	alculus for iological Sciences, ocial Sciences and usiness II	(3)			
			<u>OR</u> MATH 160 Ca	alculus with Analytic	(5)			
MATH 16C	Short Calculus	(3)	MATH 131 Ca Bi Sc	eometry II alculus for iological Sciences, ocial Sciences and usiness II	(3)			
	OR	<i>(</i> 4)	G€	alculus with Analytic eometry II OR				
MATH 17A	Calculus for BioSci	(4)	Bi Sc	alculus for iological Sciences, ocial Sciences and	(5)			
MATH 17B MATH 17C	Calculus for Biosci Calculus for BioSci OR		NO COMPARABLE					
MATH 21A		(4)	MATH 150 Ca	alculus with Analytic	(5)			
MATH 21B	Calculus	(4)	MATH 160 Ca	eometry I alculus with Analytic eometry II	(5)			
MATH 21C	Calculus	(4)	MATH 200 Mu	ultivariable Calculus	(4)			
AREAS OF SPECIALIZATION:								
AQUATIC ANIMALS SPECIALIZATION								
	Intro Aquaculture			COURSE				
	COMPANION A		LS SPECIALIZATI	ION				
	Intro Comp Ani Bio							
	DAIRY SPE							
AN SCI 41 AN SCI 41L	Domestic Ani Prod Domest An Prod Lab	(2)	NO COMPARABLE NO COURSE ARTI	COURSE ICULATED: College has	not			

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 $\frac{\text{highly recommended}}{\text{Preparing well for}}$ 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 $\frac{\text{http://tag.ucdavis.edu}}{\text{http://tag.ucdavis.edu}} \text{ for details regarding UC Davis TAG.}$

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

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

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

from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ are also available from our TAG website.

AN SCI 1 AN SCI 2 AN SCI 41 AN SCI 41L	Domest Ani & People Intro Animal Sci Domestic Ani Prod Domest An Prod Lab	(4)	NO COME	PARAB: PARAB: RSE A:	LE COURSE LE COURSE LE COURSE RTICULATED: Colleg ourse(s)for articu	,
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	 BIOL 10 	03	Cell Biology	(5.5)
BIOLSCI 2B	<pre>Intro Biology: Ecology & Evolution</pre>	(5)	BIOL 10 	01 <u>&</u>	Plant Biology	(4)
			BIOL 10	02	Animal Biology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 10 	01 <u>&</u>	Plant Biology	(4)
			BIOL 10	02	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 COMPARA	ABLE COURSE
		OR			OR
CHEM	118A	Org Chem, Hlth & Sci	(4)	CHEM 211 <u>8</u>	Organic Chemistry I (3)
				CHEM 221	Organic Chemistry (2.3)
GII EN A	1105		(4)		Laboratory I
CHEM	118B	Org Chem, Hith & Sci	(4)		Organic Chemistry I (3)
				CHEM 221	Organic Chemistry (2.3) Laboratory I
				 උµ₽M 212 s	• Organic Chemistry II (3)
				CHEM 222	
					Laboratory II
HTAM	16A	Short Calculus	(3)	MATH 130	
					Biological Sciences,
					Social Sciences and
				l OB	Business I
				<u>OR</u> матн 150	Calculus with Analytic (5)
					Geometry I
MATH	16B	Short Calculus	(3)	 MATH 131	
				j	Biological Sciences,
					Social Sciences and
					Business II
				OR	
				MATH 160	Calculus with Analytic (5)
		OR		 	Geometry II OR
МЪТН	17a	Calculus for BioSci	(4)	 Мътн 130	
	1,11	carcarab for Brober	(- /		Biological Sciences,
				İ	Social Sciences and
				ĺ	Business I
MATH	17B	Calculus for Biosci	(4)	NO COMPARA	
		OR			OR
MATH	21A	Calculus	(4)	MATH 150	Calculus with Analytic (5)
млтц	21 D	Calculus	(1)	 Matu 160	Geometry I Calculus with Analytic (5)
MAIN	210	Calculus	(4)	:	Geometry II
		1221G 07	appar		
		AREAS OF	SPECIA	ALIZATION:	
		TAUQA	CIC AN	IMALS	
AM CC	1T 10	Intro Aquaculture	(1)	NO COMPARA	ADIE COIDCE
		AVIAN	SCIEN	CES	
7/1 CC	17 12	Birds,Humans & Env	(3)	NO COMDADA	ARIE COURSE
	·	& Elly	(3)		

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

COMPANION AND CAPTIVE ANIMALS

EQUINE SCIENCE

AN SCI 15	Intro Horse Husb	(3) NO COMPARABLE COURSE					
LABORATORY ANIMALS							
AN SCI 42	Intro Comp Ani Bio	(4) NO COMPARABLE COURSE					
POULTRY							
AV SCI 11	Intro Poultry Sci	(3) NO COMPARABLE COURSE					
END OF MAJOR							

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

Special Advising Note:

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

Transfer Admission Guarantee (TAG) Note:

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College Foreign Language Requirement Note:

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

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ are also available from our TAG website.

______ **EVOLUTIONARY EMPHASIS:** ANTHRO 1 Human Evol Biol (4) ANTH 101 Physical Anthropology (3) OR ANTH 101H Physical Anthropology, Honors ANTHRO 2 Cultural Anthropology (5) ANTH 103 Introduction to (3) Cultural Anthropology f) ANTHRO 3 Intr to Archaeology (4) ANTH 102 Introduction to Archaeology ______ ONE COURSE FROM THE FOLLOWING: ANTHRO 15 Human Life Cycle (5) NO COMPARABLE COURSE (1) ANTHRO 23 Intr World Prehist (4) ANTH 102 Introduction to (3) Archaeology ANTHRO 24 Ancient Crops and People (4) NO COURSE ARTICULATED: College has not |submitted course(s) for articulation ANTHRO 50 Evolution and Human (4) NO COURSE ARTICULATED: College has not Nature |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 (4) NO COURSE ARTICULATED: College has not Anthropology submitted course(s) f
SOCIOL 46B Intro Social Rsch (5) NO COMPARABLE COURSE |submitted course(s) for articulation STATIST 13 Elementary Statistics (4) | MATH 117 Elementary Statistics (4) Same as: STATIST 13Y OR MATH 117H Elementary Statistics, Honors OR PSY $\overline{150}$ Statistics for the (4) Behavioral Sciences STATIST 32 Gateway to Data Science (4) | NO COMPARABLE COURSE SOCIOCULTURAL EMPHASIS: ANTHRO 2 Cultural Anthropology (5) ANTH 103 Introduction to Cultural Anthropology TWO COURSES FROM THE FOLLOWING: ANTHRO 1 Human Evol Biol (4) ANTH 101 Physical Anthropology (3) OR ANTH 101H Physical Anthropology, Honors f) ANTHRO 3 Intr to Archaeology (4) ANTH 102 Introduction to (3) Archaeology 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:

				Cultures
ANTHRO 30	Sexualities	(4)	NO COURSE	ARTICULATED: College has not
			submitted	course(s)for articulation
ANTHRO 32	Drugs, Science and	(4)	NO COURSE	ARTICULATED: College has not
	Culture		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:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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______ ANTHRO 1 Human Evol Biol (4) ANTH 101 Physical Anthropology (3)

> OR ANTH 101H Physical Anthropology, Honors

ANTHRO 2	Cultural Anthropology	(5)	ANTH 103	Introduction to (3) Cultural Anthropology
f) ANTHRO 3	Intr to Archaeology	(4)	ANTH 102	Introduction to (3) Archaeology
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 103	Cell Biology (5.5)
BIOLSCI 2B		(5)	 BIOL 101 <u>&</u>	Plant Biology (4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life		<u> </u>	Plant Biology (4)
				Animal Biology (5)
	Genl Chemistry Genl Chemistry		CHEM 155 <u>&</u>	
			CHEM 211 NO COMPARAB	Organic Chemistry I (3) LE COURSE OR
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 211 & CHEM 221	Organic Chemistry I (3) Organic Chemistry (2.3) Laboratory I
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 211 & CHEM 221 &	Organic Chemistry I (3) Organic Chemistry (2.3) Laboratory I
			CHEM 212 & CHEM 222 	Organic Chemistry II (3) Organic Chemistry (2.5) Laboratory II
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
матн 16в	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
MATH 16C	Short Calculus	(3)	MATH 131 OR	Calculus for (3) Biological Sciences, Social Sciences and Business II
	OR		<u>OK</u> MATH 160 	Calculus with Analytic (5) Geometry II OR
MATH 17A	Calculus for BioSci	(4)	MATH 130 	Calculus for (5) Biological Sciences, Social Sciences and Business I
MATH 17B MATH 17C	Calculus for Biosci Calculus for BioSci OR		NO COMPARAB	LE COURSE
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)
	ONE COURSE FR	OM TI	HE FOLLOWIN	īG:
ANTHRO 13	Sci Method in Physical Anthropology	(4)	1	ARTICULATED: College has not course(s) for articulation
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARA	ABLE COURSE
	Elementary Statistics STATIST 13Y	(4)		Elementary Statistics (4)
			<u>OR</u> Marrie 11711	Elementary (4)
			İ	Elementary (4) Statistics, Honors
			<u>OR</u>	
			PSY 150 	Statistics for the (4) Behavioral Sciences
STATIST 32	Gateway to Data Science	(4)	NO COMPARA	ABLE 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.

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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.

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 <u>UC Davis General</u> 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 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ 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. 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	r articulation

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

ENG CS 32A Intro to Programming(4) | CS 101 Computer Concepts (4) Formerly ENG CS 10 | OR

ENGIN 6 Engr Prob Solving (4) CS 105 Theory and Practice I (3)

Programming for Engineers

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

______ STUDENTS WILL NEED TO CHOOSE ONE OF THE FOLLOWING TWO-COURSE SEQUENCES: BIOLSCI 2A Intro Biology: Life on (5) | BIOL 103 Cell Biology (5.5) Earth Intro Biology: Ecology (5) BIOL 101 & Plant Biology BIOLSCI 2B (4)& Evolution |BIOL 102 | Animal Biology OR OR (5) CHEM 155 General Chemistry I (5) (5) CHEM 155 <u>&</u> General Chemistry I (5) CHEM 2A Genl Chemistry CHEM 2B Genl Chemistry |CHEM 156 General Chemistry II (5) OR OR ECON 1A Princ of Microecon (4) ECON 101 Microeconomics (3)

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

OR

OTHER APPROVED APPLIED PREPARATORY COURSES

END OF MAJOR

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

Special Advising Note:

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

	<u>atalog</u> . Quick reference cha:	rts :	for $\frac{AP}{}$ and $\frac{I}{}$	B are also				
available	from our TAG website.							
PHYSICS 9	A Classical Physics	(5)	PHYS 121		(5)			
PHYSICS 9	B Classical Physics	(5)	 PHYS 123	and Fluids Heat, Light and Modern Physics	(5)			
PHYSICS 9	C Classical Physics	(5)	 PHYS 122 	Electricity and Magnetism	(5)			
PHYSICS 9	D Modern Physics OR	(4)	NO COMPARAB	3				
PHYSICS 9		(5)	NO COMPARAB	LE COURSE				
	HB Honors Physics							
PHYSICS 9								
	HD Honors Physics							
PHYSICS 9	HE Honors Physics	(5)	NO COMPARAB	LE COURSE				
		(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)			
	Linear Algebra							
MATH 22B	Differntl Equations	(3)	MATH 220	Differential Equations	(4)			
ATMOSPHERIC PHYSICS CONCENTRATION								
	0 Intr Physics Computation							
	CHEMICAL PH			ION				
CHEM 2A	Genl Chemistry	(5)	CHEM 155	General Chemistry I	(5)			
CHEM 2B	Genl Chemistry	(5)	CHEM 155 <u>&</u>	General Chemistry I	(5)			
				General Chemistry II				
CHEM 2C	Genl Chemistry	(5)	CHEM 156	General Chemistry II	(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	

COMPLETA TONAL DIVISION CONCENTRATION

	COMPUTATIONAL	PHYSICS	CONCENTRATION
		1	

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.

PHYSICS 40 Intr Physics Computation (4) NO COURSE ARTICULATED

MATERIALS SCIENCE CONCENTRATION

PHYSICS 40 Intr Physics Computation (4) NO COURSE ARTICULATED

PHYSICS CONCENTRATION

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

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

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

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

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

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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Education(GE) Note:

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

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

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See http://llc.ucdavis.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 ARTHI 1B Mediev&Renaiss Art (4) ART 103 & History of Art, (3) Prehistoric to Gothic ART 104 History of Art, (3) Renaissance to Modern 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 $|ART \overline{104H}|$ 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 & (4) NO COURSE ARTICULATED: College has not Architecture |submitted course(s) for articulation ARTHI 5 Visual Culture ARTHI 25 Understanding Architecture ______ ONE ART STUDIO COURSE FROM: ART 2 Beginning Drawing (4) ART 120 Fundamentals of Drawing (3) | OR | ART 121 Intermediate Drawing (3)
ART 5 Beginning Sculpture (4) ART 170 Introduction to (3) Sculpture ART 7 Beginning Painting (4) ART 130 Integrated Drawing (3.3) and Painting Beginning Ceramic Sculpture (4) NO COURSE ARTICULATED: College has not ART 8 |submitted course(s) for articulation Beginning Photography (4) NO COURSE ARTICULATED: College has not ART 9 |submitted course(s) for articulation Beginning Printmaking (4) NO COURSE ARTICULATED: College has not ART 11 |submitted course(s) for articulation ART 12 Beginning Video (4) NO COURSE ARTICULATED: College has not |submitted course(s) for articulation Intro Experimental Video (4) NO COURSE ARTICULATED: College has not ART 24 |submitted course(s) for articulation

and Film

====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 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ are also available from our TAG website.

			FOUR (COURSES	FROM	THE	FOLLOW:	ING:				
ART	2	Beginning	Drawing		(4)	ART	120	Fundamenta	als of 1	Draw	ing ((3)
							OR					
						ART	121	Intermedia	ite Dra	wing	((3)
ART	5	Beginning	Sculpture		(4)	ART	170	Introducti	on to		((3)
								Sculpture				
ART	7	Beginning	Painting		(4)	ART	130	Integrated	l Drawi	ng	(3.	.3)
								and Painti	.ng			
ART	8	Beginning	Ceramic So	culpture	(4)	NO	COURSE	ARTICULATEI	o: Coll	ege	has r	not
						sub	mitted	course(s) f	or art	icul	atior	n
ART	9	Beginning	Photograph	ny	(4)	NO	COURSE	ARTICULATEI	: Coll	ege	has r	not

			submitted course(s) for articulation
ART 11	Beginning Printmaking	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
ART 12	Beginning Video	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
	TWO LECTURE COURSES CHO	OSEN	FROM THE FOLLOWING:
ART 24	Intro Experimental Video	(4)	NO COURSE ARTICULATED: College has not
	and Film		submitted course(s) for articulation
ART 30	Contemp Vis Culture		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 $\underline{\&}$ History of Art, (3)
			Prehistoric to Gothic
			ART 104 History of Art, (3)
			Renaissance to Modern
			OR (2)
			ART 103 & History of Art, (3)
			Prehistoric to Gothic
			ART 104H History of Art, (3)
			Renaissance to Modern,
ADDIT 10	Daniel to Madana Ast	(1)	Honors
ARTHI 1C	Baroque to Modern Art	(4)	ART 104 History of Art, (3) Renaissance to Modern
			Renaissance to Modern OR
			!
			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 &	, ,	NO COURSE ARTICULATED: College has not
	Architecture	, ,	submitted course(s) for articulation
ARTHI 5		(4)	ART 101 Visual Literacy (3)
ARTHI 25	Understanding		NO COURSE ARTICULATED: College has not
	Architecture		submitted course(s)for articulation
END OF MA	.TOP		

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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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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A A STD 1	Hist Exp Asian Am	(4)	ASAM 101	Comparative Asian-American	(3)
				History, 1849 to 1965	
A A STD 2	Contemp Issues of Asian	(4)	ASAM 102	Contemporary	(3)
	Americans			Asian-American History	
A A STD 3	Social & Psychological	(4)	NO COURSE	ARTICULATED: College has	not
	Perspectives of Asian		submitted	course(s) for articulation	n
	Americans		İ		
A A STD 4	Asian Amer Cultural	(4)	NO COURSE	ARTICULATED: College has	not
	Studies		submitted	<pre>course(s) for articulatio</pre>	n

AT LEAST TWO COURSES FROM THE FOLLOWING:

AF-AMST 10	Af-Am Culture & Soc	(4)	BLST 103 African-American (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	(4)	NO COMPARABLE COURSE
	Culture		
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	(4)	NO COURSE ARTICULATED: College has not
	Culture		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
Same as:	FD S&T 55		submitted course(s) for articulation

AMR STD 59	Music and American Culture	(4)	NO COURSE ARTICULATED: College has not submitted courses for articulation
CHICANO 10	Intro to Chic Std	(4)	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 21	Hlth Care Issues	(4)	(Chicano) Culture
CHICANO 30	US Poli & Chicanos	. ,	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	(4)	NO COMPARABLE COURSE
	Representn in Cinema		
CHICANO 65	New Latin American	(4)	NO COURSE ARTICULATED: College has not
CIII CANIO 70	Cinema	(1)	submitted course(s) for articulation
CHICANO 70 CHICANO 73	Survey Chic Art Art Expr Silk Scr	. ,	CHST 131
N A STD 1	Intro NA Studies	. ,	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
N A STD 7	Indig & Minority Langs	(4)	Fiction NO COURSE ARTICULATED: College has not
N A SID /	indig & Minority Langs	(4)	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	(4)	NO COURSE ARTICULATED: College has not
N A STD 32	Film NA Music & Dance	(1)	submitted course(s)for articulation NO COMPARABLE COURSE
N A STD 32 N A STD 33	Intro NA Art	. ,	NATA 112 Native American Visual (3)
		(- /	and Musical Art
N A STD 34	NA Art Workshop	(4)	NO COURSE ARTICULATED: College has not
MOM CEED 20	Cult Repr of Gndr	(1)	submitted course(s) for articulation
WOM STD 20	Cult Repr of Gnar	(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
MOM CED 60	Fominiat Chitiques	(1)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not
WOM STD 60	Feminist Critiques	(4)	submitted course(s) for articulation
WOM STD 70	Sexual:Thry&Hist	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
	EAST TWO COURSES FROM THE		
ANTHRO 13	Sci Method in Physical Anthropology	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ARTHI 5 V	isual Culture	(4)	ART 101 Visual Literacy (3)
	Art Appreciation	(1)	Λ PT 101 Vigual Literacy (2)
	ntemp Vis Culture		ART 101 Visual Literacy (3)
CHICANO 23	Qualitative Research	(4)	NO COURSE ARTICULATED: College has not
	26 1 2 7		
гист теп 10	Methods	(1)	submitted course(s) for articulation
ENGLISH 42	Approaches to Reading	. ,	NO COMPARABLE COURSE
ENGLISH 42 d) PHILOS 5 N A STD 46	Approaches to Reading Critical Reasoning	(4)	!
d) PHILOS 5 N A STD 46	Approaches to Reading Critical Reasoning Orientation to Research in NAS	(4)	NO COMPARABLE COURSE PHIL 205
d) PHILOS 5	Approaches to Reading Critical Reasoning Orientation to Research in NAS Scientific Study of	(4)	NO COMPARABLE COURSE PHIL 205
d) PHILOS 5 N A STD 46 POL SCI 51	Approaches to Reading Critical Reasoning Orientation to Research in NAS	(4) (4)	NO COMPARABLE COURSE PHIL 205

				Experimental Design i Psychology	.n
SOCIOL 46A	Intro Social Rsch	(4)	SOC 115	Introduction to Socia	al (3)
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARA	ABLE COURSE	
STATIST 13 Same as:	Elementary Statistics STATIST 13Y	(4)	MATH 117 	Elementary Statisti	cs (4)
			OR		
			MATH 117H	Elementary	(4)
			OR	Statistics, Honors	
			PSY	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 $\frac{\text{highly recommended}}{\text{Preparing well for}}$ that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

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

Transfer Admission Guarantee (TAG) Note:

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

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College 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 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ are also available from our TAG website.

PL SCI 2 Bot Physio Cul Plt (4) NO COMPARABLE COURSE

CHEM 2A Genl Chemistry (5) CHEM 155 General Chemistry I (5)

CHEM 2B Genl Chemistry (5) CHEM 155 General Chemistry I (5)

CHEM 156 General Chemistry II (5)

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)
MATH 21B	Calculus	(4) MATH 160	Geometry I Calculus with Analytic (5)
		ļ	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)
	T. L		OLE COURCE
ATM SCI 60	Intro to Atmospheric	(4) NO COMPARAE	SLE COURSE
	Science		

PHYSICS 9B Classical Physics (5) PHYS 123 Heat, Light and Modern (5) Physics PHYSICS 9C Classical Physics (5) PHYS 122 Electricity and (5) Magnetism STATIST 13 Elementary Statistics (4) MATH 117 Elementary Statistics (4) Same as: STATIST 13Y	PHYSICS	9A	Classical	Physics	(5)	PHYS 	121	Mechanics of and Fluids	Solids	(5)
Magnetism Magnetism STATIST 13 Elementary Statistics (4) MATH 117 Elementary Statistics (4)	PHYSICS	9В	Classical	Physics	(5)	PHYS	123	, ,	and Modern	(5)
	PHYSICS	9C	Classical	Physics	(5)	PHYS	122	_	and	(5)
			-	y Statistics	(4)	į		Elementary	Statistics	(4)
<u>OR</u> MATH 117H Elementary (4) Statistics, Honors OR						MATH	117н	-	, Honors	(4)
PSY 150 Statistics for the (4) Behavioral Sciences						٠ .				(4)

PREPARATION FOR GRADUATION:

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

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 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ 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 <u>strongly recommended</u> 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 <u>UC Transfer</u>

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ 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		(5)	· ·	Animal Biology Plant Biology	(5) (4)
	01 2110		BIOL 102	Animal Biology	(5)
	Genl Chemistry Genl Chemistry	(5)	CHEM 156	General Chemistry I General Chemistry I General Chemistry II	(5) (5) (5)
CHEM 2C	Genl Chemistry OR	(5)	 CHEM 156	General Chemistry II OR	(5)
CHEM 2AH CHEM 2BH CHEM 2CH	Honors Genl Chemistry	(5)	NO COMPARABI	LE COURSE LE COURSE	
MATH 17A	Calculus for BioSci	(4)	MATH 130 	Calculus for Biological Sciences, Social Sciences and Business I	(5)
MATH 17B MATH 17C	Calculus for Biosci Calculus for BioSci OR	٠,	NO COMPARABI NO COMPARABI		
MATH 21A	Calculus	(4)	 MATH 150		(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)
PHYSICS 7B	General Physics	(4)	<u>OR</u> PHYS 110 <u>&</u> PHYS 111 PHYS 105 <u>&</u> PHYS 106	Introductory Physics Introductory Physics General Physics General Physics	(4) (4) (4) (4)
PHYSICS 7C	General Physics	(4)	<u>OR</u> PHYS 110 <u>&</u> PHYS 111 PHYS 105 <u>&</u> PHYS 106	Introductory Physics Introductory Physics General Physics General Physics	(4) (4) (4) (4)
			<u>OR</u> PHYS 110 <u>&</u> PHYS 111	Introductory Physics 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.

physics.			_		
	OR				OR
PHYSICS 9A	Classical Physics	(5)	PHYS	121	` ,
					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
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM	211	& Organic Chemistry I (3)
			CHEM		Organic Chemistry (2.3)
			İ		Laboratory I
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM	211	• Organic Chemistry I (3)
			CHEM	221	© Organic Chemistry (2.3)
			İ	•	Laboratory I
			CHEM	212	$\underline{\&}$ Organic Chemistry II (3)
			CHEM	222	Organic Chemistry (2.5)
			ĺ		Laboratory II
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM	212	$\underline{\&}$ Organic Chemistry II (3)
			CHEM	222	
					Laboratory II
	OR				OR
CHEM 128A	Organic Chemistry		CHEM		<u> </u>
CHEM 128B	Organic Chemistry	(3)	CHEM		_
			CHEM		Organic Chemistry II (3)
CHEM 128C	Organic Chemistry		CHEM		Organic Chemistry II (3)
CHEM 129A	Organic Chem Lab	(2)	CHEM	221	Organic Chemistry (2.3)
					Laboratory I
CHEM 129B	Organic Chem Lab	(2)	CHEM	221	-
					Laboratory I
			CHEM	222	
					Laboratory II

RECOMMENDED:

MATH 21C Calculus (4) | MATH 200 Multivariable Calculus (4)

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 <u>strongly recommended</u> 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 <u>UC Transfer Admission webpage</u>. In order to receive priority consideration it 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 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ are also available from our TAG website.

avariable i	Tom our The website.				
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL	103	Cell Biology (5.5)
BIOLSCI 2B		(5)	BIOL	101 <u>&</u>	Plant Biology (4)
BIOLSCI 2C			1	102 101 <u>&</u>	Animal Biology (5) Plant Biology (4)
			BIOL	102	Animal Biology (5)
	-		CHEM	155 <u>&</u>	General Chemistry I (5) General Chemistry I (5) General Chemistry II (5)
			:		Organic Chemistry I (3) LE COURSE OR
CHEM 118A	Org Chem, Hlth & Sci	(4)	:	211 <u>&</u> 221	Organic Chemistry I (3) Organic Chemistry (2.3) Laboratory I
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM	211 & 221 & 221 & 222	Organic Chemistry I (3) Organic Chemistry (2.3) Laboratory I Organic Chemistry II (3) Organic Chemistry (2.5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	 CHEM	212 & 222	Laboratory II
MATH 17A	Calculus for BioSci	(4)	 MATH 		
MATH 17B	Calculus for Biosci OR	(4)	NO CO	OMPARAB	LE COURSE 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 PHYS	105 <u>&</u>	General Physics (4) General Physics (4)
PHYSICS 1B	Principles Physics	(3)		105 <u>&</u>	General Physics (4) General Physics (4) General Physics (4)

		OR						OR	
PHYSICS	7A	General	Physics	(4)	PHYS	105	&	General Physics	(4)
					PHYS	106	_	General Physics	(4)
					OI	2			
					PHYS	110	<u>&</u>	Introductory Physics	(4)
					PHYS	111		Introductory Physics	(4)
PHYSICS	7B	General	Physics	(4)	PHYS	105	&	General Physics	(4)
					PHYS	106		General Physics	(4)
					OI OI	<u> </u>			
					PHYS	110	<u>&</u>	Introductory Physics	(4)
					PHYS	111		Introductory Physics	(4)
PHYSICS	7C	General	Physics	(4)	PHYS	105	&	General Physics	(4)
					PHYS	106		General Physics	(4)
					OI OI	<u> </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.

· ·

RECOMMENDED COURSES FOR THIS MAJOR:

CHEM 2C	Genl Chemistry	(5) CHEM 156	General Chemistry II (5)	
MATH 17C	Calculus for BioSci	(4) NO COMPARAB	BLE 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 <u>strongly recommended</u> 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 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ are also available from our TAG website.

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

			CHEM 155 General Chemistry I (5)
CHEM 2B	Genl Chemistry		CHEM 155 & General Chemistry I (5)
CHEM OC	Con Chamistan		CHEM 156 General Chemistry II (5)
CHEM 2C	Genl Chemistry	(5)	CHEM 156 General Chemistry II (5)
CHEM 8A	Organic Chem-Brief		CHEM 211 Organic Chemistry I (3)
CHEM 8B		(4)	NO COMPARABLE COURSE
OTTEM 1107	OR	(1)	OR CHEM 211 & Organic Chemistry I (3)
CHEM IIOF	A Org Chem, Hith & Sti	(4)	CHEM 221
			Laboratory I
CHEM 118F	3 Org Chem, Hlth & Sci	(4)	
CILLII IIOI	org enem, men a ser	(- /	CHEM 221 & Organic Chemistry (2.3)
			Laboratory I
			CHEM 212 & Organic Chemistry II (3)
			CHEM 222 Organic Chemistry (2.5)
			Laboratory II
CHEM 1180	C 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)
	00100100 101 510501	(- /	Biological Sciences,
			Social Sciences and
			Business I
MATH 17B		(4)	NO COMPARABLE COURSE
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE
01-	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
DHVSTCS '	7A General Physics	(4)	PHYS 105 & General Physics (4)
INIDICS	A General Thysics	(1)	PHYS 106 General Physics (4)
			OR
			PHYS 110 & Introductory Physics (4)
			PHYS 111 Introductory Physics (4)
PHYSICS 7	7B General Physics	(4)	PHYS 105 & General Physics (4)
			PHYS 106 General Physics (4)
			OR (4)
			PHYS 110 & Introductory Physics (4)
DUVCTOC	7C Conoral Physics	/ / \	PHYS 111 Introductory Physics (4)
PHYSICS 7	7C General Physics	(4)	PHYS 105 & General Physics (4) PHYS 106 General Physics (4)
			PHYS 106 General Physics (4) OR
			OK PHYS 110 & Introductory Physics (4)
			PHYS 111 Introductory Physics (4)
			1-11-2 -11 -111-2-2-2-2-1-1-1-1-2-2-2-2-

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 END OF MAJOR

(4) | MATH 200 Multivariable Calculus (4)

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 <u>General Catalog</u>. Quick reference charts for \underline{AP} and \underline{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:

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 <u>strongly encourage</u> 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 <u>strongly recommended</u> 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

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avallable	IIOM OUI IAG WEDSICE.		
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 103 Cell Biology (5.5)
BIOLSCI 2B		(5)	BIOL 101 & Plant Biology (4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life		BIOL 102 Animal Biology (5) BIOL 101 & Plant Biology (4)
	01 2110		BIOL 102 Animal Biology (5)
BIOTECH 1Y	Introduction to Biotechnology	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	Genl Chemistry Genl Chemistry	(5)	CHEM 155 General Chemistry I (5) CHEM 155 General Chemistry I (5) General Chemistry I (6) General Chemistry I
CHEM 2C	Genl Chemistry	(5)	CHEM 156 General Chemistry II (5) CHEM 156 General Chemistry II (5)
CHEM 8A CHEM 8B	Organic Chem-Brief Organic Chem-Brief		CHEM 211 Organic Chemistry I (3) NO COMPARABLE COURSE
CHEM 118A	OR Org Chem, Hlth & Sci	(4)	OR 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
gypy 110g		(4)	CHEM 212 & Organic Chemistry II (3) CHEM 222 Organic Chemistry (2.5) Laboratory II
CHEM 118C	Org Chem, Hlth & Sci OR	(4)	CHEM 212 & Organic Chemistry II (3) CHEM 222 Organic Chemistry (2.5) Laboratory II OR
CHEM 128A	Organic Chemistry	(3)	CHEM 211 Organic Chemistry I (3)
CHEM 128B	Organic Chemistry		CHEM 211 & Organic Chemistry I (3)
011211 1202		(0)	CHEM 212 Organic Chemistry II (3)
CHEM 128C	Organic Chemistry	(2)	CHEM 212 Organic Chemistry II (3)
CHEM 129A	Organic Chem Lab	(2)	CHEM 212 Organic Chemistry (2.3) CHEM 221 Organic Chemistry (2.3) Laboratory I
MATH 16A			MATH 130 Calculus for (5) Biological Sciences, Social Sciences and Business I
			OR MATH 150 Calculus with Analytic (5)
матн 16в	Short Calculus	(3)	Geometry I MATH 131 Calculus for (3) Biological Sciences, Social Sciences and Business II
	OR		OR MATH 160 Calculus with Analytic (5) Geometry II OR
MATH 17A		(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) MA	TH	150		Calculus with Analytic Geometry I	(5)
MATH 21B	Calculus	(4) MA	тн	160		Calculus with Analytic Geometry II	(5)
PHYSICS 7A	General	Physics (4			105 106	_	General Physics General Physics	(4) (4)
			İ	OF	<u>.</u>			
			PH	YS	110	&	Introductory Physics	(4)
			PH	YS	111	_	Introductory Physics	(4)
PHYSICS 7B	General	Physics (4	!		111 105		Introductory Physics General Physics	(4) (4)
PHYSICS 7B	General	Physics (4) PH	YS			1 1	. ,
PHYSICS 7B	General	Physics (4) PH	YS	105 106		General Physics	(4)
PHYSICS 7B	General	Physics (4) PH PH 	YS YS OI	105 106	<u>&</u>	General 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	BIOINF	'ORM	IATICS	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	j				
	RESTRICTED ELECTIVES F	OR BIO	INF	ORMAT	ICS OPTION:	
ENG CS 36B	Object-Oriented Program	(4)	CS	140	Object-Oriented	(4)
Formerly	ENG CS 40	į			Programming Using C++	
ENG CS 36C	Data Structures	(4)	CS	106	Theory and Practice II	(3)
Formerly	ENG CS 60	j				
ENG CS 50	Machine Dependent Prog	(4)	CS	107	Computer Architecture &	(3)

END OF MAJOR

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

Organization

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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)

BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life		j 				4)
			BIOL 	102 		Animal Biology (5)
CHEM 2A CHEM 2B	Genl Chemistry Genl Chemistry Genl Chemistry	(5)		155	<u>&</u>	General Chemistry I (General Chemistry II (5) 5) 5)
CHEM 8A CHEM 8B	Organic Chem-Brief Organic Chem-Brief OR		!			Organic Chemistry I (LE COURSE OR	3)
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM CHEM		<u>&</u>	Organic Chemistry I (2. Laboratory I	
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM CHEM		_	Organic Chemistry I (Organic Chemistry Laboratory I	
			CHEM CHEM	222		Organic Chemistry II (Organic Chemistry (2. Laboratory II	5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM CHEM 	212 222		Organic Chemistry II (Organic Chemistry (2. Laboratory II	
MATH 17A	Calculus for BioSci	(4)	MATH 	130		Calculus for (Biological Sciences, Social Sciences and Business I	5)
MATH 17B	Calculus for Biosci		!			LE COURSE	
MATH 17C	Calculus for BioSci OR	(4)	NO CO 	OMPAR	RABI	LE 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 OI	106 <u>R</u>		General Physics (4)
			PHYS PHYS		<u>&</u>		4) 4)
PHYSICS 7B	General Physics	(4)	PHYS	105	<u>&</u>	General Physics (4)
			PHYS			General Physics (4)
			PHYS PHYS		<u>&</u>		4)
PHYSICS 7C	General Physics	(4)	PHYS		&		4) 4)
	•		PHYS OI	106	_		4)
			PHYS PHYS	110	<u>&</u>		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.

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 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ 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.

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ are also available from our TAG website.

CHEM 2A CHEM 2B	Genl Chemistry Genl Chemistry	(5) CHEM 155 General Chemistry I (5) CHEM 155 & General Chemistry I (5)
CHEM 2C	Genl Chemistry	CHEM 156 General Chemistry II (5) (5) CHEM 156 General Chemistry II (5)
CHEN ZC	OR	OR
CHEM 2AH	Honors Genl Chemistry	(5) NO COMPARABLE COURSE
CHEM 2BH	-	(5) NO COMPARABLE COURSE
CHEM 2CH	Honors Genl Chemistry	(5) NO COMPARABLE COURSE
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 9D	Modern Physics	(4) NO COMPARABLE COURSE
MATH 21A	Calculus	(4) MATH 150 Calculus with Analytic (5)
MATH 21B	Calculus	Geometry I (4) MATH 160 Calculus with Analytic (5)
MAIH ZIB	Calculus	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 22AL	Lin Alg Comp Lab	(1) NO COURSE ARTICULATED: College has not
MATH 22B	Differntl Equations	submitted course(s)for articulation (3) MATH 220 Differential Equations (4)
MAIN ZZB	Differnce Equacions	(3) MAIN 220 DIFFERENCIAL EQUACIONS (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 129A	Organic Chem Lab	(2) CHEM 221 Organic Chemistry (2.3)
		Laboratory I

END OF MAJOR

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

Special Advising Note:

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

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

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College Foreign Language Requirement Note:

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

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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	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	4)
			PHYS 106 General Physics (4	4)
			OR	
			PHYS 110 & Introductory Physics (4	4)
			PHYS 111 Introductory Physics (4	4)
PHYSICS 7B	General Physics	(4)		4)
	-	, ,	-	4)
			OR	,
			! 	4)
			!	4)
PHYSICS 7C	General Physics	(4)	<u> </u>	4)
1112100 70		(- /	-	4)
			OR	- /
			011	

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phybreb.	OR		I	OR
PHYSICS 9		(5)	 PHYS 12 	
PHYSICS 9	B Classical Physics	(5)	 PHYS 12 	
PHYSICS 9	OC Classical Physics	(5)	 PHYS 12 	2 Electricity and (5) Magnetism
MATH 16A	Short Calculus	(3)	MATH 13 OR	O Calculus for (5) Biological Sciences, Social Sciences and Business I
			<u>OR</u> MATH 15	O Calculus with Analytic (5)
			 	Geometry I
MATH 16B	Short Calculus	(3)	MATH 13 	
		j	OR	
			MATH 16 	O Calculus with Analytic (5) Geometry II
MATH 16C	Short Calculus	(3)	MATH 13 	1 Calculus for (3) Biological Sciences, Social Sciences and Business II
			OR	Bublifebb 11
	OR		MATH 16 	O Calculus with Analytic (5) Geometry II OR
MATH 17A	Calculus for BioSci	(4)	MATH 13 	O Calculus for (5) Biological Sciences, Social Sciences and Business I
MATH 17B	Calculus for Biosci	(4)	NO COMP.	ARABLE COURSE
MATH 17C	Calculus for BioSci OR	(4)	NO COMP.	ARABLE COURSE OR
MATH 21A	Calculus	(4)	MATH 15	O Calculus with Analytic (5) Geometry I
MATH 21B	Calculus	(4)	 MATH 16 	O Calculus with Analytic (5) Geometry II
MATH 21C	Calculus	(4)	 MATH 20 	
CHEM 128	A Organic Chemistry	(3)	CHEM 21	1 Organic Chemistry I (3)
CHEM 128E	_		CHEM 21	
			CHEM 21	
CHEM 1280	_		CHEM 21	
CHEM 129 <i>I</i>	-	j	CHEM 22 	Laboratory I
CHEM 129E	Organic Chem Lab	(2)	CHEM 22 	1 & Organic Chemistry (2.3) Laboratory I
		 	CHEM 22 	2 Organic Chemistry (2.5) Laboratory II

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

Special Advising Note:

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	Genl Chemistry Genl Chemistry	(5) CHEM 155 General Chemistry (5) CHEM 155 General Chemistry CHEM 156 General Chemistry	7 I (5)
CHEM 2C	Genl Chemistry OR	(5) CHEM 156 General Chemistry OR	
CHEM 2AH CHEM 2BH CHEM 2CH	Honors Genl Chemistry Honors Genl Chemistry Honors Genl Chemistry	(5) NO COMPARABLE COURSE (5) NO COMPARABLE COURSE (5) NO COMPARABLE COURSE	
PHYSICS 9A	Classical Physics	(5) PHYS 121 Mechanics of Soli	lds (5)
PHYSICS 9B	Classical Physics	(5) PHYS 123 Heat, Light and M	Modern (5)
PHYSICS 9C	Classical Physics	(5) PHYS 122 Electricity and Magnetism	(5)
MATH 21A	Calculus	(4) MATH 150 Calculus with Ana	alytic (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	22AL	Lin Alg Comp Lab	(1)	NO CO	DURSE	ARTICULATED: College has not
				submi	itted	course(s)for articulation
MATH	22B	Differntl Equations	(3)	MATH	220	Differential Equations (4)
CHEM	128A	Organic Chemistry	٠,	CHEM		2 , ,
CHEM	128B	Organic Chemistry	(3)	CHEM	211	$\underline{\&}$ 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 (2.3)
						Laboratory I
CHEM	129B	Organic Chem Lab	(2)	CHEM	221	& Organic Chemistry (2.3)
						Laboratory I
				CHEM	222	Organic Chemistry (2.5)
						Laboratory II
CHEM	129C	Organic Chem Lab	(2)	CHEM	222	Organic Chemistry (2.5)
				ĺ		Laboratory II

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 <a href="https://doi.org/10.1001/journal-normal

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CHEM 2A	Genl Chemistry		 СНЕМ 155		(5)
CHEM 2B	Genl Chemistry	(5)	· —	General Chemistry I	
			!	General Chemistry II	
CHEM 2C	Genl Chemistry	(5)	CHEM 156	General Chemistry II	(5)
	OR			OR	
CHEM 2AH	Honors Genl Chemistry	(5)	NO COMPARAB	SLE COURSE	
CHEM 2BH	Honors Genl Chemistry	(5)	NO COMPARAB	SLE COURSE	
CHEM 2CH	Honors Genl Chemistry	(5)	NO COMPARAB	LE 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 7E	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 70	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	;)
MATH 16A Short Calculus (3) MATH 130 Calculus for (5 Biological Sciences, Social Sciences and Business I OR	;)
MATH 150 Calculus with Analytic (5	;)
MATH 16B Short Calculus (3) MATH 131 Calculus for (3 Biological Sciences, Social Sciences and Business II OR)
<u>OR</u> MATH 160 Calculus with Analytic (5	5)

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

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CHEM 2C Genl Chemistry OR	(5) CHEM 156 General Chemistry II OR	
CHEM 2AH Honors Genl Chemistry 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 OR	(4)
	PHYS 110 & Introductory Physics	(4)
PHYSICS 7B General Physics	PHYS 111 Introductory Physics (4) PHYS 105 & General Physics	(4) (4)
FILISIOS /B General Filysics	PHYS 106 General Physics	(4)
	<u>OR</u>	
	PHYS 110 & Introductory Physics	
	PHYS 111 Introductory Physics	(4)

PHYSICS	7C	General	Physics	(4)	PHYS	105	&	General Physics	(4)
				ĺ	PHYS	106		General Physics	(4)
				ĺ	OF	2			
				- 1	PHYS	110	<u>&</u>	Introductory Physics	(4)
				- 1	DUVC	111	_	Introductory Physics	(4)

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physics.			ı	
PHYSICS 9A	OR Classical Physics	(5)	 PHYS 121	OR Mechanics of Solids (5)
			į	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
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 OR	Calculus for (3) Biological Sciences, Social Sciences and Business II
			<u>OK</u> MATH 160	Calculus with Analytic (5)
			j	Geometry II
MATH 16C	Short Calculus	(3)	MATH 131 	Calculus for (3) Biological Sciences, Social Sciences and Business II
			OR 160	
	OR		MATH 160 	Calculus with Analytic (5) Geometry II 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 COMPARA	ABLE COURSE
MATH 17C	Calculus for BioSci OR	(4)	NO COMPAR <i>A</i> 	ABLE COURSE 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)	 МАТН 200 	Multivariable Calculus (4)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)		Cell Biology (5.5)
	Introduction to Forensic Science		submitted	ARTICULATED: College has not course(s) for articulation
STATIST 13		(4)		Elementary Statistics (4)
			<u>OR</u>	

				117H OR	Elementary (4) Statistics, Honors
	OR		PSY 1		Statistics for the (4) Behavioral Sciences OR
STATIST 32	Gateway to Data Science	(4)	NO CO	OMPARAI	BLE COURSE
CHEM 118A	Org Chem, Hlth & Sci	(4)		211 <u>&</u> 221	Organic Chemistry I (3) Organic Chemistry (2.3) Laboratory I
CHEM 118B	Org Chem, Hlth & Sci	(4)		_	Organic Chemistry I (3) Organic Chemistry (2.3) Laboratory I
				212 & 222	Organic Chemistry II (3) Organic Chemistry (2.5) Laboratory II
CHEM 118C	Org Chem, Hlth & Sci	(4)		212 <u>&</u> 222	Organic Chemistry II (3) Organic Chemistry (2.5) Laboratory II
	OR				OR
CHEM 128A	Organic Chemistry	. ,	1	211	Organic Chemistry I (3)
CHEM 128B	Organic Chemistry	(3)		211 <u>&</u>	
			CHEM	212	Organic Chemistry II (3)
CHEM 128C	Organic Chemistry		CHEM		Organic Chemistry II (3)
CHEM 129A	Organic Chem Lab	(2)	CHEM	221	Organic Chemistry (2.3) Laboratory I
CHEM 129B	Organic Chem Lab	(2)	CHEM	221 <u>&</u>	Organic Chemistry (2.3) Laboratory I
			CHEM	222	Organic Chemistry (2.5) Laboratory II

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 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ are also available from our TAG website.

CHICANO	10	Intro to Chic Std	(4)	CHST 		The Chicano and Latino (in U.S. History from the 1960s to the Present	(3)
CHICANO	50	Chicano Culture	(4)	<u>OB</u> CHST CHST 	103	(Chicano) Culture	(3)
CHICANO		Hlth Care Issues OR Comparative Health	(4)			ABLE COURSE OR ARTICULATED: College has r	not
				!		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 $\underline{\&}$ 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 N	IAJOR			

===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 $\verb|http://llc.ucdavis.edu/foreign-language-placeme| \verb|nt-exams| and check with your|$ 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.

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
50	Chicano Culture	(4)	CHST 113	Introduction to (3)
			j	Chicano/Mexican-Americ
			İ	an Literature
			I	aii
21	Hlth Care Issues OR	(4)	NO COMPAR <i>I</i> 	ABLE COURSE OR
40	Comparative Health	(4)	!	ARTICULATED: College has not course(s) for articulation
	10 50 21 40	50 Chicano Culture 21 Hlth Care Issues OR	50 Chicano Culture (4) 21 Hlth Care Issues (4) OR	OR CHST 103 50 Chicano Culture (4) CHST 113 21 Hlth Care Issues (4) NO COMPARA OR 40 Comparative Health (4) NO COURSE

ONE COURSE FROM THE FOLLOWING:

CHICANO 60	Chicana and Chicano Representn in Cinema	(4)	NO COMPARABLE COURSE
CHICANO 65	New Latin American Cinema	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	Survey Chic Art Art Expr Silk Scr		CHST 131 History of Chicano Art (3)
	ONE COURSE	FROM T	HE 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 (4) Experimental Design in Psychology
SOCIOL 46A	Intro Social Rsch	(4)	SOC 115 Introduction to Social (3) Research
SPANISH 1	<u> </u>	. ,	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 OR	(5)	SPAN 102 Beginning Spanish II (5) OR

SPANISH 32 END OF MAJOR

SPANISH 31

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

SPANISH 28 Inter Conversation (2) SPAN 140 Intermediate Spanish (3)

Conversation II

(5) NO COURSE ARTICULATED: College has not submitted course(s) for articulation

(5) NO COMPARABLE COURSE

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their 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:

Int Span Nat Spk I

Int Span Nat Spk II

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 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ 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
x) CHINESE 1BL Accl Wrtn Chinese I (5) NO COMPARABLE COURSE
x) CHINESE 2BL Accl Wrtn Chinese I (5) NO COMPARABLE COURSE
x) CHINESE 3BL Accl Wrtn Chinese (5) NO COMPARABLE COURSE
II
x) CHINESE 3BL Accl Wrtn Chinese (5) NO COMPARABLE COURSE
III
x) CHINESE 1CN Mand/Cant Spkrs I (5) NO COMPARABLE COURSE
x) CHINESE 1CN Mand/Cant Spkrs II (5) NO COMPARABLE COURSE
x) CHINESE 3CN Mand/Cant Spkrs III (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) CHINESE 11 Gt Bks China (Engl)		NO COMPARABLE COURSE
CHINESE 50 Intro to Literature		NO COURSE ARTICULATED: College has not
Same as: JPNESE 50		submitted course(s) for articulation
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

 \mathbf{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 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ are also available from our TAG website.

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

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

Select two of the following courses:

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

Select two of the following courses:

FILM ST 1	Intro to Film Studies			ARTICULATED: College has not
		ສາ	bmitted	course(s) for articulation
Forme	rly Humanities 10			
TCULST 1	Intro Technocultural			ARTICULATED: College has not
	Studies	su	ubmitted	course(s) for articulation
TCULST 5	Media Archaeology	, , ,		ARTICULATED: College has not
		su	ubmitted	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 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ 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 <u>transfer admission website</u>. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

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

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

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

LATIN 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	COMPARA	ABLE	COURSE			
CLASSIC	2	Anc Gr & Near East	(4)	NO	COMPARA	ABLE	COURSE			
CLASSIC	3	Rome & The Mediter	(4)	NO	COMPARA	ABLE	COURSE			
CLASSIC	4	Late Antiquity	(4)	NO	COURSE	ARTI	CULATED:	College	has	not
				suk	omitted	cour	se(s)for	articula	ation	n

ONE ADDITIONAL COURSE SELECTED FROM:

ARTHI 1A	Ancient Mediterranean Art	(4)	ART 103 History of Art, (3)
			Prehistoric to Gothic
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	(4)	NO COMPARABLE COURSE
	Classical Antiquity		
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	(4)	ENG 231 World Literature (3)
	World		
PHILOS 21	Phil Classics: Ancient	(4)	PHIL 200 History of Philosophy: (3)
			Ancient
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 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ 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)
		j	LATN 102 Beginning Latin II (5)
LATIN 3	Intermediate Latin	(5)	LATN 102 Beginning Latin II (5)
	AND	j	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	j	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
		j	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 $\frac{\text{highly recommended}}{\text{series in organic chemistry before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.$

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis $\underline{\text{transfer admission website}}$. 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.

Education(GE) Note:

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

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

OR ENG 111H Critical Thinking and (3) Composition through

._____

	OR			Literature, Honors OR	
UWRITING 1		(4)	 ENG 110 	Composition and Reading	(3)
			<u>OR</u> ENG 110H 	Composition and Reading, 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)
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 CHEM 2B	Genl Chemistry Genl Chemistry			General Chemistry I General Chemistry I General Chemistry II	(5) (5) (5)
CHEM 2C	Genl Chemistry		CHEM 156	General Chemistry II	(5)
CHEM 8A CHEM 8B	Organic Chem-Brief Organic Chem-Brief		CHEM 211 NO COMPARAB	Organic Chemistry I BLE COURSE	(3)
ECON 1A	Princ of Microecon OR	(4)	ECON 101	Microeconomics OR	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 102	Macroeconomics	(3)
PSYCH 1	General Psychology	(4)	PSY 100 OR	General Psychology	(3)
			PSY 100H 	General Psychology, Honors	(4)
SOCIOL 1	Intro Sociology OR	(5)	I .	Introduction to Sociology OR	(3)
SOCIOL 3	Social Problems OR	(4)	SOC 109	Social Problems OR	(3)
ANTHRO 2	Cultural Anthropology	(5)	 ANTH 103 	Introduction to Cultural Anthropology	(3)
	Elementary Statistics : STATIST 13Y	(4)	 МАТН 117 	Elementary Statistics	s (4)
			<u>OR</u> MATH 117H 	Elementary Statistics, Honors	(4)
			<u>OR</u> 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 Discount (AD) and International Description (ID) Evenination Note:

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ are also available from our TAG website.

LINGUIS 1	Intro Linguistics	(4)	ANTH	104	Language and Culture ((3)
COG SCI 1 In	tro Cognitive Science OR	(4)	NO C	OURSE	ARTICULATED OR	
PHILOS 10	Intro Cognitive Science	(4)	!		ARTICULATED: College has recourse(s) for articulation	not
d) PHILOS 12 PHILOS 13G	Minds, Brains Comp		NO C	OURSE	Introduction to Logic (ARTICULATED: College has no	
	w/Disc		subm 	itted 	course(s)for articulation	
PSYCH 1 G	eneral Psychology	(4)	PSY		General Psychology ((3)
			PSY	100н	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 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 <u>transfer admission website</u>. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

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

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

Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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:	: Computation	al	
ENG CS 20 C Sci/Discrete	e Math	(4) CS 108	Discrete Structures	(4)
ENG CS 32A Intro to Progra	amming(4)	CS 101	Computer Concepts	(4)
Formerly ENG CS 10				
		OR		
		CS 105	Theory and Practice I	(3)

			1	
ENG CS 36A	OR Programming	(4)	 CS 137	OR C Programming (3)
	ENG CS 30	<i>(</i> - <i>)</i>		
ENG CS 34	UNIX & C++ OR	(5)	NO COURSE 	ARTICULATED OR
	Object-Oriented Program	(4)	CS 140	
_	ENG CS 40 Machine Dependent Prog	(4)	 CS 107 	Programming Using C++ Computer Architecture & (3) Organization
ENG CS 32B	Intro to Data Structures	(4)	I I	
	OR Data Structures ENG CS 60	(4)	 CS 106 	OR Theory and Practice II (3)
LINGUIS 1	Intro Linguistics	(4)	ANTH 104	Language and Culture (3)
MATH 17A	Calculus for BioSci	(4)	MATH 130 	Biological Sciences, Social Sciences and
MATH 17B	Calculus for Biosci OR	(4)	 NO COMPAR <i>i</i> 	Business I ABLE COURSE OR
MATH 21A	Calculus	(4)	 MATH 150 	Calculus with Analytic (5) Geometry I
MATH 21B	Calculus	(4)	İ	Calculus with Analytic (5) Geometry II
MATH 22A	 Linear Algebra	(3)		Linear Algebra (4)
MATH 22AL	Lin Alg Comp Lab	(1)		ARTICULATED: College has not
			submitted 	course(s)for articulation
COG SCI 1 I	ntro Cognitive Science	(4)	NO COURSE	ARTICULATED OR
PHILOS 10	Intro Cognitive Science	(4)		ARTICULATED: College has not course(s)for articulation
d) PHILOS 1 PHILOS 13G	Minds, Brains Comp	(4)	NO COURSE	Introduction to Logic (3) ARTICULATED:College has not course(s)for articulation
PSYCH 1	General Psychology	(4)	;	General Psychology (3)
			<u>OR</u> PSY 100H	General Psychology, (4)
PSYCH 41	Research Methods	(4)	 PSY 200 	Honors Research Methods and (4) Experimental Design in Psychology
	Elementary Statistics 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 (4) Behavioral Sciences
	Emphasi;	s 2:	Neuroscie	nce
BIOLSCI 2A				
BIOLSCI 2B		(5)	 BIOL 101 <u> </u>	$ \underline{\&} $ Plant Biology (4)
			BIOL 102	Animal Biology (5)

BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life		BIOL 101 & Plant Biology (4)
	OI HITE		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 MATH 17C	Calculus for Biosci Calculus for BioSci OR		NO COMPARABLE COURSE 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 (5)
MATH 21C	Calculus	(4)	Geometry II MATH 200 Multivariable Calculus (4)
COG SCI 1 I	ntro Cognitive Science OR	(4)		
PHILOS 10		(4)	NO COURSE ARTICULATED: College has n submitted course(s) for articulation	ıot
PHILOS 13G	Minds, Brains Comp w/Disc	(4)	NO COURSE ARTICULATED:College has no submitted course(s)for articulation)t
PHYSICS 7A	General Physics	(4)	:	4)
PHYSICS 7B	General Physics	(4)	PHYS 110 & Introductory Physics (PHYS 111 Introductory Physics (PHYS 105 & General Physics (PHYS 106 General Physics (4) 4) 4)
PHYSICS 7C	General Physics	(4)	PHYS 111	(4) (4) (4)
			:	4)
PHYSICS 9A	OR Classical Physics	(5)	OR PHYS 121 Mechanics of Solids (5)
PHYSICS 9B	Classical Physics	(5)	and Fluids PHYS 123 Heat, Light and Modern (5)
PHYSICS 9C	Classical Physics	(5)	Magnetism	5)
PSYCH 1	General Psychology	(4)	PSY 100 General Psychology (OR	3)
			PSY 100H General Psychology, (Honors	4)
		(4)	PSY 200 Research Methods and (Experimental Design in Psychology	4)
STATIST 13	Elementary Statistics 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)

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.

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

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

		OR					OR		
LINGUIS	1	Intro Linguist	ics	(4)	ANTH	104	Language	and Cultu	re (3)
COMUNCN	1	Intro Public S	pkg	(4)	 COMM 	131 OR	Fundamen Public S	tals of peaking	(3)
		OR				131H	Fundamen Public S Honors OR		(3)
COMUNCN	3	Intprsnl Com C	mpetnce	(4)	COMM	121 OR	Interper Communic		(3)
		OR			· -	121H		sonal ation, Ho	
		Global English LINGUIS 5 OR	Comm	(4)			ARTICULATED course(s)fo	_	
		Global English COMUNCN 5	Comm	(4)	!		ARTICULATED course(s)fo	_	
COMUNCN	10Y	Intro to Com	munication	(4)	subm	itted	ARTICULATED course(s)fo Introduct Communica	r articula ion to	
D) ENC (70 11	Intro to Co	moutors	(1)	LNO CO		ADI E COIIDCE		

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

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

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

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

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

Education(GE) Note:

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

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

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

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ are also available from our TAG website.

	TWO COURSES I	FROM	THE FOLLOWING:
COMUNCN 1	Intro Public Spkg	(4)) COMM 131 Fundamentals of (3) Public Speaking
			COMM 131H Fundamentals of (3) Public Speaking, Honors
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)
COMPLIT 3	Major Books-The Modern Crisis	(4)	ENG 232 World Literature (3) ENG 232 World Literature (3)
COMPLIT 4	Maj Books:Cont Wrld	(4)	NO COMPARABLE COURSE
ENGLISH 3	Intro to Lit	(4)	Critical Thinking and (3) Composition Through Literature
			OR ENG 111H Critical Thinking and (3)
			Composition through Literature, Honors
N A STD 5	Intro NA Literature	(4)	NATA 113 The Indian in (3) Literature: Fact and Fiction
UWRITING 1	Expository Writing	(4)) ENG 110 Composition and (3) Reading
			OR ENG 110H Composition and (3)
			Reading, Honors
	Style in the Essay	(4)) NO COURSE ARTICULATED: College has not
-	UWRITING 18		submitted course(s)for articulation
UWRITING 49 Formerly UW	Writing Research Papers RITING 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 OR	(3)) NO COMPARABLE COURSE OR
B) ENG CS 15	Intro to Computers	(4)) NO COMPARABLE COURSE

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 OR	(4)	ECON 101	Microeconomics OR	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 102	Macroeconomics	(3)
ANTHRO 2	Cultural Anthropology OR	(5)	ANTH 103 	Introduction to Cultural Anthropology OR	(3)
SOCIOL 1	Intro Sociology	(5)	!	Introduction to Sociology	(3)
	Elementary Statistics : STATIST 13Y	(4)	 MATH 117 OR	Elementary Statistics	(4)
			<u>OK</u> MATH 117H OR	Elementary Statistics, Honors	(4)
	OR		PSY 150	Statistics for the Behavioral Sciences OR	(4)
STATIST 32	Gateway to Data Science OR	(4)	 NO COMPARABI 		
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABI	LE COURSE	

END OF MAJOR

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

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

College Foreign Language Requirement Note:

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

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ are also available from our TAG website.

COMPLIT	1	Major Books-Ancient World	(4)	ENG 	231	Wor	ld Litera	ture	(3)
		OR					OR		
COMPLIT	2	Major Books-Middle Ages to Enlightenment	(4)	ENG	231 8	& Wor	ld Litera	ture	(3)
				ENG	232	Wor	ld Litera	ture	(3)
COMPLIT	3	Major Books-The Modern Crisis	(4)	ENG 	232	Wor	ld Litera	ture	(3)
		OR		İ			OR		
COMPLIT	4	Maj Books:Cont Wrld	(4)	NO (COMPAI	RABLE	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
Same	as:	GERMAN 11		submitted course(s)for articulation
COMPLIT	12	Intro Women Writers	(4)	ENG 241 Contemporary Women (3) Writers
COMPLIT	13	Dramatic Lit	(3)	ENG 242 Contemporary Dramatic (3) Literature
j) COMPI	LIT 1	4 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

				Babilitetea Coarbe(b) for articalactor
COMPLIT 2	5	Ethnic Writers	(4)	NO COMPARABLE COURSE
COMPLIT 5	3A	Lit of East Asia	(4)	NO COMPARABLE COURSE
COMPLIT 5	3B	Lit of South Asia	(4)	NO COMPARABLE COURSE
COMPLIT 5	3C	Lit of the Islamic	(4)	NO COURSE ARTICULATED: College has not
		World		submitted course(s) for articulation

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 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ 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.

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 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ 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 $\frac{\text{highly recommended}}{\text{preparing well for}}$ 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 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ 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 22A	Linear Algebra OR	(3)	MATH 210 	Linear Algebra OR	(4)
MATH 67	Modern Linear Algebra	(4)	!	ARTICULATED: College has course(s) for articulation	
ENG CS 20	C Sci/Discrete Math	(4)	CS 108	Discrete Structures	(4)
	Programming ENG CS 30	(4)	CS 137	C Programming	(3)
	Object-Oriented Program ENG CS 40	(4)	CS 140	Object-Oriented Programming Using C++	(4)
ENG CS 36C Formerly	Data Structures ENG CS 60	(4)	CS 106	Theory and Practice II	(3)
ENG CS 50	Machine Dependent Prog	(4)	CS 107	Computer Architecture & Organization	(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

	THREE OF THE	FOL.	LOWIN	G COO	IKSE	55 :	
BIOLSCI 2A Intro Biolo Earth	gy:Life on	(5)	BIOL	103		Cell Biology (5.5)
BIOLSCI 2B Intro Biolo & Evolution		(5)	BIOL	101	<u>&</u>	Plant Biology	(4)
		(5)				Animal Biology Plant Biology	(5) (4)
Biodiversit of Life	y & the Tree		 				
			BIOL	102		Animal Biology	(5)
CHEM 2A Genl Chemistry		. ,	CHEM			2	
CHEM 2B Genl Chemistry	•	(5)	CHEM	155	<u>&</u>	General Chemistry I	(5)
			CHEM	156		General Chemistry II	(5)
CHEM 2C Genl Chemistry		(5)	CHEM	156		General Chemistry II	(5)
CHEM 2AH Honors Genl C	hemistry	(5)	NO C	OMPAR	ABI	LE COURSE	
CHEM 2BH Honors Genl C	hemistry	(5)	NO C	OMPAR	ABI	LE COURSE	
CHEM 2CH Honors Genl C	hemistry	(5)	NO C	OMPAR	ABI	LE COURSE	
PHYSICS 9A Classical P	hysics	(5)	PHYS	121		Mechanics of Solids and Fluids	(5)
PHYSICS 9B Classical P	hysics	(5)	PHYS 	123		Heat, Light and Modern Physics	(5)
PHYSICS 9C Classical P	hysics	(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 (ICETC)/ HC Davis General

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

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

College Foreign Language Requirement Note:

UWRITING 49 Writing Research Papers

Formerly UWRITING 19

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See http://llc.ucdavis.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 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ are also available from our TAG website.

DESIGN	1	Intro to Design	(4)	ио	COMPARA	ABLE COURSE			_
DESIGN	14	Design Drawing OR	(4)	NO	COMPARA	ABLE COURSE			
DESIGN	21	Drafting and Perspective	(4)	NO	COMPARA	~			_
DESIGN	15	Form & Color	(4)	ART	140	2-D Design: and Color	Composit	ion (3)
		AND		İ		AND			
DESIGN	16	Graphics & The Computer	(4)	МО	COMPARA	ABLE COURSE			
DESIGN	40A	Energy, Materials, Design	(4)	 NO 	COMPARA	ABLE COURSE			_
		OR		İ		OR			
DESIGN	40B	Ideologies of Design OR	(4)	NO 	COMPARA	ABLE COURSE OR			
DESIGN	40C	Design Aesthetics/Exper	(4)	!		ARTICULATED: course(s)for	_		t

TWO COURSES FROM THE FOLLOWING:

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

ART 12 Be	ginning Video	(4)	NO COURSE ARTICULATED: College has not
1111 11 10	J	(- /	submitted course(s) for articulation
DESIGN 40A	Energy, Materials,	(4)	NO COMPARABLE COURSE
	Design	, ,	
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
TIME TELLING 11	Den Gri C Markeral	(1)	NO COURGE ARMICULAMED. Collogs has not
UWRITING 11	Pop Sci & Technol	(4)	NO COURSE ARTICULATED: College has not
	Wrtng OR		submitted course(s)for articulation OR
UWRITING 12	Writing/Visual	(1)	NO COURSE ARTICULATED: College has not
UWRITING 12	Rhetoric	(+)	submitted course(s)for articulation
	OR		OR
ΙΙΜΡΤΤΤΝΟ 48	Style in the Essay	(4)	NO COURSE ARTICULATED: College has not
	UWRITING 18	(1)	submitted course(s)for articulation
rormerry	OR		OR

(4) NO COURSE ARTICULATED: College has not

|submitted course(s)for articulation

====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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ 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 Same as:	Intro to Literature CHINESE 50	(4)	 NO COMPARABLE COURSE
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 CO	[Aqmc	RABLE COURSE
		OR				OR
y)	JPNESE 1	Elem Japanese	(5)	JAPN	101	Beginning Japanese I (5)
y)	JPNESE 2	Elem Japanese	(5)	JAPN	101	$\underline{\&}$ Beginning Japanese I (5)
				JAPN	102	Beginning Japanese II (5)

END OF MAJOR

- ${\bf x})$ 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 <a href="https://doi.org/10.1001/journal-normal

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 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ are also available from our TAG website.

BIOLSCI	2A	<pre>Intro Biology: I Earth</pre>	Life on	(5)	BIOL	103	Cell Biology	(5.5)
BIOLSCI	2B	<pre>Intro Biology: & Evolution</pre>	Ecology	(5)	BIOL 	101 <u>&</u>	Plant Biology	(4)
					BIOL	102	Animal Biology	(5)
BIOLSCI	2C	Intro Biology:		(5)	BIOL	101 <u>&</u>	Plant Biology	(4)
		Biodiversity & of Life	the Tree		 			
					BIOL	102	Animal Biology	(5)
CHEM 2A CHEM 2B		nl Chemistry nl Chemistry		. ,	CHEM CHEM	155 155 <u>&</u>	General Chemistry I General Chemistry I	(5) (5)

					CHEM	156		General	Chemistry II	(5)
PHYSICS	1A	Princip	les Physics	(3)	PHYS		<u>&</u>		Physics	(4)
					PHYS				Physics	(4)
PHYSICS	1B	Principl	les Physics	(3)	PHYS	105	<u>&</u>	General	Physics	(4)
					PHYS	106		General	Physics	(4)
		OR						O	R	
PHYSICS	7A	General	Physics	(4)	PHYS	105	<u>&</u>	General	Physics	(4)
					PHYS	106		General	Physics	(4)
					OI	<u> </u>				
					PHYS	110	<u>&</u>	Introdu	ctory Physics	(4)
					PHYS	111		Introdu	ctory Physics	(4)
PHYSICS	7в	General	Physics	(4)	PHYS	105	&	General	Physics	(4)
					PHYS	106	_	General	Physics	(4)
					OI	<u>.</u>				
					PHYS	110	<u>&</u>	Introdu	ctory Physics	(4)
					PHYS	111	_	Introdu	ctory Physics	(4)
PHYSICS	7C	General	Physics	(4)	PHYS	105	&	General	Physics	(4)
					PHYS	106		General	Physics	(4)
					OI	2				
					PHYS	110	&	Introdu	ctory Physics	(4)
					PHYS	111	_	Introdu	ctory 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 (5) Biological Sciences, Social Sciences and Business I
			<u>OR</u> MATH 150	Calculus with Analytic (5) Geometry I
матн 16в	Short Calculus	(3)	 MATH 131 	Calculus for (3) Biological Sciences, Social Sciences and Business II
	OR		<u>OR</u> MATH 160 	Calculus with Analytic (5) Geometry II OR
матн 17а	* = ·	(4)	 MATH 130 	Calculus for (5) Biological Sciences, Social Sciences and Business I
MATH 17B	Calculus for Biosci OR	(4)	NO COMPARAB	LE COURSE 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
ENV S&P 1	Env Analysis	(4)	NO COMPARAB	LE COURSE

PREPARATION FOR GRADUATION:

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

====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 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ are also available from our TAG website.

ECON 1A	Princ of Microecon	(4)	ECON 101	Microeconomics	(3)
ECON 1B	Princ of Macroecon				(3)
	Elementary Statistics STATIST 13Y	(4)	MATH 117	Elementary Statistics	(4)
Salle as.	STATIST 131		OR		
				Elementary	(4)
				Statistics, Honors	
			<u>OR</u>		
			PSY 150		(4)
	OR			Behavioral Sciences OR	
STATIST 32	Gateway to Data Science	(4)	NO COMPARAB		
MATH 16A	Short Calculus	(3)	MATH 130		(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)
	OR			Geometry II OR	
MATH 21A		(4)	 MATH 150	Calculus with Analytic	(5)
		(- /		Geometry I	(5)
MATH 21B	Calculus	(4)	MATH 160	Calculus with Analytic	(5)
				Geometry II	

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

MATH 22A Linear Algebra (3) MATH 210 Linear Algebra	
MAIN 21C Calculus (4) Main 200 Mulcivariable Calculus	(4)
MATH 21C Calculus (4) MATH 200 Multivariable Calculu	(4)

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 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ 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	Int	ro to Lit	(4)	ENG 	111	Critical Thinking and Composition Through Literature	(3)
			OR			<u>OR</u> 111H	Critical Thinking and Composition through Literature, Honors OR	(3)
UWRITING	1	Exp	pository Writing	(4)	ENG		Composition and Reading	(3)
						<u>OR</u> 110H	Composition and Reading, Honors	(3)
n) ENGLI	SH	10A	Literatures in English I: To 1700	(4)	 ENG	221	Survey of British Literature	(3)
n) ENGLI	SH	10B	Literatures in English II: 1700-1900	(4)	 ENG 	221	Survey of British Literature	(3)
					ENG	<u>DR</u> 222	Survey of British Literature	(3)
o) ENGLI	SH	10C	Literatures in English III: 1900 to Present	(4)	ENG	<u>DR</u> 225 222	American Literature Survey of British Literature	(3)
					ENG	<u>DR</u> 226 DR	American Literature	(3)
					· -	<u>22</u> 6Н	American Literature, Honors	(4)

ONE COURSE FROM THE FOLLOWING:

ENGLISH 40	Intro Topics in Lit	(4)	!	ARTICULATED: College has course(s) for articulati	
ENGLISH 41	Intro Topics Lit & Media	(4)	I .	ARTICULATED: College has course(s) for articulation	
ENGLISH 43	Intro Topics in Drama	(4)	ENG 242 OR	Contemporary Dramatic Literature	(3)
			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 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ 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:	(5)				Animal Biology Plant Biology	(5) (4)
	Biodiversity & the Tree of Life		 		_		
			BIOL	102		Animal Biology	(5)
	Genl Chemistry						
CHEM 2B	Genl Chemistry	(5)	•		_	General Chemistry I General Chemistry II	
			· 				
	Organic Chem-Brief Organic Chem-Brief					Organic Chemistry I LE COURSE	(3)
CHEFT OD	OR	(1)		J1-11 1 11		OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	•		_		
			CHEM 	221		Organic Chemistry Laboratory I	(2.3)
CHEM 118B	Org Chem, Hlth & Sci	(4)	•		_	Organic Chemistry I	
			CHEM	221	<u>&</u>	Organic Chemistry Laboratory I	(2.3)
			CHEM	212	<u>&</u>	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	
			01	=			
			MATH	150		Calculus with Analyt	ıc (5)

матн 16в	Short Calculus	(3)	 MATH 131 	Geometry I Calculus for Biological Sciences, Social Sciences and Business II	(3)
MATH 16C	Short Calculus	(3)	<u>OR</u> MATH 160 MATH 131 	Calculus with Analytic Geometry II Calculus for Biological Sciences, Social Sciences and Business II	(5)
	OR		<u>OR</u> MATH 160 	Calculus with Analytic Geometry II OR	(5)
матн 17а	Calculus for BioSci	(4)	MATH 130 	Calculus for Biological Sciences, Social Sciences and Business I	(5)
MATH 17B	Calculus for Biosci	(4)	NO COMPARAB	LE COURSE	
MATH 17C	Calculus for BioSci	(4)	NO COMPARAB		
MATH 21A	OR Calculus	(1)	 Matu 150	OR Calculus with Analytic	(5)
MAIN ZIA	Carcurus	(+)	MATH 150	Geometry I	(3)
MATH 21B	Calculus	(4)	MATH 160	Calculus with Analytic	(5)
MATH 21C	Calculus	(4)	 MATH 200	Geometry II Multivariable Calculus	(4)
			· 		
PHYSICS 1A	Principles Physics	(3)			(4)
PHYSICS 1B	Principles Physics	(3)		General Physics General Physics	(4) (4)
11112102 12		(3)	PHYS 106	General Physics	(4)
	Elementary Statistics STATIST 13Y	(4)	 MATH 117 	Elementary Statistics	
			<u>OR</u> MATH 117H 	Elementary Statistics, Honors	(4)
			<u>OR</u> PSY 150 	Statistics for the Behavioral Sciences	(4)
STATIST 32	OR Gateway to Data Science	(4)	 NO COMPARAB	OR LE COURSE	
	OR		İ	OR	
PL SCI 21	Computers in Technology	(3)	NO COMPARAB	LE 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/

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Special Advising Note:

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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.

AP and IB examination credit policies are detailed in the UC Davis 2018-2019 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ 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 $\underline{\text{highly recommended}}$ 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 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ are also available from our TAG website.

availabi	= 110m our ind website.		
ENVHORT	1 Intro Envhort/Urb For	(3)	EH 101 Plant Identification and (3) Culture
ENVHORT	6 Intro Environ Plants	(4)	BOT 122 Flowering Plant (3) Identification
LND ARC	30 History Environ Design	(4)	NO COMPARABLE COURSE
BIOLSCI	2A Intro Biology:Life on Earth	(5)	BIOL 103 Cell Biology (5.5)
BIOLSCI		(5)	BIOL 101 & Plant Biology (4)
PL SCI 2	Bot Physio Cul Plt	(4)	BIOL 102 Animal Biology (5)
CHEM 2A CHEM 2B	Genl Chemistry Genl Chemistry		CHEM 155 General Chemistry I (5) CHEM 155 & General Chemistry I (5) CHEM 156 General Chemistry II (5)
ENV S&P	l Env Analysis OR	(4)	NO COMPARABLE COURSE OR
ENV S&P	10 Current Issues in Environment	(3)	NO COMPARABLE COURSE
ENV S	RP 10 not open for credit to OR	stud	ents who have completed ENV S&P 1 OR
	30 Global Ecosystem as: ENV SC&M 30	(3)	NO COMPARABLE COURSE
PHYSICS	1A Principles Physics	(3)	PHYS 105 & General Physics (4)
PHYSICS	lB Principles Physics	(3)	
PL SCI 2	1 Computers in Technology	(3)	NO COMPARABLE COURSE
MATH 16A	Short Calculus	(3)	MATH 130 Calculus for (5) Biological Sciences,

			Social Sciences and Business I	
		OR	Dubiness 1	
		MATH 150	Calculus with Analytic (5)
			Geometry I	
OR			OR	
STATIST 13 Elementary Statistics Same as: STATIST 13Y	(4)	MATH 117	Elementary Statistics (4)
Salle as. STATIST 131		!		
		OR		
		MATH 117H	Elementary (4)
			Statistics, Honors	
		OR		
		PSY 150	Obabiatian for the //	`
			Statistics for the (4 Behavioral Sciences	J

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	* * 1	ARTICULATED: College l course(s) for articula	
	REC	OMMENDED COURSES:		
COMITNON 1	Intro Public Spka	(4) COMM 131	Fundamentals of	(3)

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

END OF MAJOR

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

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

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.

Planned Plannet (PP) and Televistical Provider (TP) Provide to Web.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ 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,	(3)
	OR		Honors OR	
	OR		OK	

COMUNCN 3 Intprsnl Com Cmpetnce	(4)	COMM 121 Interpersonal (3) Communication OR
OR		COMM 121H Interpersonal (3) Communication, Honors OR
DRAMART 10 Intro To Acting		TA 111 & Beginning Acting (3) TA 112 Intermediate Acting A (3)
Earth	(5)	BIOL 103 Cell Biology (5.5)
OR BIOLSCI 10 Everyday Biology	(4)	OR BIOL 100 Concepts of Biology (4)
OR		CHEM 155 General Chemistry I (5) OR
CHEM 10 Concept of Chem	(4)	NO COMPARABLE COURSE
PHYSICS 1A Principles Physics		PHYS 105 & General Physics (4) PHYS 106 General Physics (4)
BIOLSCI 2B Intro Biology: Ecology & Evolution	(5)	
OR		BIOL 102 Animal Biology (5) OR
CHEM 2B Genl Chemistry	(5)	CHEM 155 & General Chemistry I (5) CHEM 156 General Chemistry II (5)
OR PHYSICS 1B Principles Physics	(3)	OR
ONE COURSE FR	OM T	HE FOLLOWING:
PL SCI 21 Computers in Technology OR	(3)	NO COMPARABLE COURSE OR
SCI&SOC 18 GIS & Society		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ECON 1A Princ of Microecon ECON 1B Princ of Macroecon	(4) (4)	ECON 101 Microeconomics (3) ECON 102 Macroeconomics (3)
ONE COURSE FR		HE FOLLOWING:
AN SCI 1 Domest Ani & People ATM SCI 60 Intro to Atmospheric Science		
m) GEOLOGY 1 The Earth	(4)	 ERTH 111 Dynamic Earth-Physical (3) Geology
PL SCI 12 Plants and Society Same as: SCI&SOC 12 FORMERLY PLANT BIO 12	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
W&F BIO 51 Intro to Conservation		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
		NO COMPARABLE COURSE
		MATH 130 Calculus for (5) Biological Sciences, Social Sciences and Business I
		<u>OR</u> MATH 150 Calculus with Analytic (5) Geometry I

матн 16в	Short Calculus	(3)			Calculus for Biological Sciences, Social Sciences and Business II	(3)
	OR		<u>OR</u> MATH : 		Calculus with Analytic Geometry II OR	(5)
MATH 17A	Calculus for BioSci	(4)	MATH 	130	Calculus for Biological Sciences, Social Sciences and Business I	(5)
MATH 17B	Calculus for Biosci OR	(4)	NO COM	MPARAB	LE COURSE OR	
MATH 21A	Calculus	(4)	 MATH		Calculus with Analytic Geometry I	(5)
MATH 21B	Calculus	(4)		160	Calculus with Analytic Geometry II	
POL SCI 1	Amer Natl Govt	(4)	POLS 3	101	American Government and Politics	(3)
	Elementary Statistics STATIST 13Y	(4)		117	Elementary Statistics	
			OI MATH	<u>1</u> 17н	Elementary Statistics, Honors	(4)
			_	50	Statistics for the Behavioral Sciences	(4)
STATIST 32	OR Gateway to Data Science	(4)	 NO COI	MPARAB	OR LE COURSE	
	CLIMAT					
SCI&SOC 25	Global Climate Change	(3)			RTICULATED: College has ourse(s) for articulation	

END OF MAJOR

 $\mbox{\it m})$ If a student takes ERTH 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:

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 $\frac{\text{highly recommended}}{\text{Preparing well for}}$ 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.

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

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

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

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

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

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

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

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

			OB	Public Speaking	
			<u>OR</u> COMM 131H 	Fundamentals of (3 Public Speaking, Honors	3)
COMUNCN 3	OR Intprsnl Com Cmpetnce	(4)	 COMM 121 	OR Interpersonal (3 Communication	3)
	O.D.		<u>OR</u> COMM 121H 	Communication, Honors	3)
DRAMART 10	OR Intro To Acting	(4)	 TA 111 <u>&</u> E TA 112 I	OR Beginning Acting (3 Intermediate Acting A (3	3)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 103	Cell Biology (5.5	5)
BIOLSCI 2B		(5)	BIOL 101 &	Plant Biology (4	1)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		Animal Biology (5 Plant Biology (4	
			 BIOL 102 	Animal Biology (5	5)
			CHEM 155 <u>&</u>	General Chemistry I (5 General Chemistry I (5 General Chemistry II (5	5)
	OR		I	OR	
CHEM 2AH CHEM 2BH	Honors Genl Chemistry Honors Genl Chemistry	(5) (5)	 NO COMPARAE NO COMPARAE	BLE COURSE	
CHEM 2BH	Honors Genl Chemistry Honors Genl Chemistry	(5)	NO COMPARAE 	BLE COURSE	
CHEM 2BH m) GEOLOGY	Honors Genl Chemistry Honors Genl Chemistry	(5) (4)	NO COMPARAE ERTH 111 	BLE COURSE BLE COURSE Dynamic Earth-Physical (3 Geology OR	
CHEM 2BH m) GEOLOGY	Honors Genl Chemistry Honors Genl Chemistry 1 The Earth OR 50 Physical Geology	(5)	NO COMPARAE ERTH 111 	BLE COURSE BLE COURSE Dynamic Earth-Physical (3 Geology OR Dynamic Earth-Physical (3 Geology Geology General Physics (4	3) 1)
m) GEOLOGY	Honors Genl Chemistry Honors Genl Chemistry 1 The Earth OR 50 Physical Geology Principles Physics Principles Physics	(3)	NO COMPARAE ERTH 111 ERTH 111 	BLE COURSE BLE COURSE Dynamic Earth-Physical (3 Geology OR Dynamic Earth-Physical (3 Geology General Physics (4 General Physics (4 General Physics (4 General Physics (4 General Physics (4 General Physics (4	3) 1) 1)
m) GEOLOGY m) GEOLOGY PHYSICS 1A	Honors Genl Chemistry Honors Genl Chemistry 1 The Earth OR 50 Physical Geology Principles Physics Principles Physics OR	(3)	NO COMPARAE 	BLE COURSE BLE COURSE Dynamic Earth-Physical (3 Geology OR Dynamic Earth-Physical (3 Geology General Physics (4 General Physics (4 General Physics (4 General Physics (4 General Physics (4 General Physics (4 OR	3) 1) 1) 1) 1)
m) GEOLOGY m) GEOLOGY PHYSICS 1A	Honors Genl Chemistry Honors Genl Chemistry 1 The Earth OR 50 Physical Geology Principles Physics Principles Physics OR General Physics	(5) (4) (3) (3) (3) (4)	NO COMPARAE 	BLE COURSE BLE COURSE Dynamic Earth-Physical (3 Geology OR Dynamic Earth-Physical (3 Geology General Physics (4 General Physics (4 General Physics (4 General Physics (4 General Physics (4 General Physics (4 General Physics (4 General Physics (4 OR General Physics (4	3) 1) 1) 1) 1) 1) 1) 1) 1)
CHEM 2BH m) GEOLOGY m) GEOLOGY PHYSICS 1A PHYSICS 1B PHYSICS 7A	Honors Genl Chemistry Honors Genl Chemistry 1 The Earth OR 50 Physical Geology Principles Physics Principles Physics OR General Physics General Physics	(5) (4) (3) (3) (3) (4)	NO COMPARABLE	BLE COURSE BLE COURSE Dynamic Earth-Physical (3 Geology OR Dynamic Earth-Physical (3 Geology General Physics (4 General Physics (4 General Physics (4 General Physics (4 General Physics (4 General Physics (4 General Physics (4 Introductory Physics (4 General Physics (4 Introductory Physics (4 General Physics (4 Introductory Physics (4 General Physics (4 General Physics (4 General Physics (4 General Physics (4	3) 1) 1) 1) 1) 1) 1) 1) 1) 1) 1) 1) 1) 1)

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

ECON 1A	Princ of Microecon	(4)	ECON	101	Microeconomics	(3)
MATH 16A	Short Calculus	(3)	MATH 		Calculus for Biological Sciences, Social Sciences and Business I	(5)
			1	150	Calculus with Analytic Geometry I	(5)
MATH 16B	Short Calculus	(3)	MATH		Calculus for Biological Sciences, Social Sciences and Business II	(3)
			<u>01</u> MATH 	_	Calculus with Analytic Geometry II	(5)
MATH 17A	OR Calculus for BioSci	(4)	 MATH	130	OR Calculus for	(5)
			 		Biological Sciences, Social Sciences and Business I	
MATH 17B	Calculus for Biosci OR	(4)	NO CO	OMPARAB	LE COURSE OR	
MATH 21A		(4)	MATH		Calculus with Analytic Geometry I	(5)
	Calculus			160	Calculus with Analytic Geometry II	
ENV S&P 1		(4)			LE COURSE	
	RECOMMENDED COU		FOR :	THIS MA	JOR:	
CHEM 2C	Genl Chemistry	(5)	CHEM	156		(5)
CHEM 2CH	OR Honors Genl Chemistry	(5)	NO CO	OMPARAB	OR LE COURSE	
	PREPARATION	FOR	GRADI	UATION:		
	Elementary Statistics	(4)	MATH	117	Elementary Statistics	(4)
			MATH		Elementary Statistics, Honors	(4)
				<u>OR</u> 150	Statistics for the Behavioral Sciences	(4)
	ECOLOGY, BIODIVERSITY,	AND	CONSI	ERVATIO	N TRACK:	
ATM SCI 60	Intro to Atmospheric Science	(4)	NO CO		LE COURSE	
	CLIMATE CHANG	.π. ΔN	םדב ח			_
3 m) 4 - 6 - 6 - 6						
ATM SCI 60	Intro to Atmospheric Science	(4)	NO CO	OMPARAB	LE COURSE	

WATERSHED SCIENCE TRACK:

HYDRO S 10	Water, Power, Society		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.====

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BIOLSCI 2B		(5)	 BIOL 	101	<u>&</u>	Plant Biology	(4)
						Animal Biology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 	101	<u>&</u>	Plant Biology	(4)
			BIOL	102		Animal Biology	(5)
	enl Chemistry	, ,	1			General Chemistry I	, ,
CHEM 2B G	enl Chemistry	(5)				General Chemistry I	
a	1 61 .	<i>(</i> - <i>)</i>				General Chemistry I	
CHEM 2C G	enl Chemistry OR	(5)	CHEM	156		General Chemistry I	(5)
СПЕМ ЭУП	Honors Genl Chemistry	(5)	l Indoce	лмълг	2 N 12 I		
CHEM 2BH	Honors Genl Chemistry Honors Genl Chemistry	(5)	NO CO	OMPAF	RABI	LE COURSE LE COURSE	
CHEM 2BH CHEM 2CH	Honors Genl Chemistry	(5) (5)	NO CO	OMPAF	RABI RABI	LE COURSE LE COURSE	
CHEM 2BH CHEM 2CH	Honors Genl Chemistry Honors Genl Chemistry	(5) (5)	NO CO	OMPAF OMPAF 211	RABI RABI 	LE COURSE LE COURSE Organic Chemistry I Organic Chemistry	
CHEM 2BH CHEM 2CH CHEM 118A	Honors Genl Chemistry Honors Genl Chemistry Org Chem, Hlth & Sci	(5) (5) (4)	NO CO NO CO CHEM CHEM	OMPAF OMPAF 211 221	RABI RABI 	LE COURSE LE COURSE Organic Chemistry I Organic Chemistry Laboratory I	(2.3)
CHEM 2BH CHEM 2CH CHEM 118A	Honors Genl Chemistry Honors Genl Chemistry	(5) (5) (4)	NO CO NO CO CHEM CHEM	OMPAF OMPAF 211 221 211	RABI RABI 	LE COURSE LE COURSE Organic Chemistry I Organic Chemistry Laboratory I Organic Chemistry	(2.3)
CHEM 2BH CHEM 2CH CHEM 118A	Honors Genl Chemistry Honors Genl Chemistry Org Chem, Hlth & Sci	(5) (5) (4)	NO CO NO CO CHEM CHEM	OMPAF OMPAF 211 221 211	RABI RABI 	LE COURSE LE COURSE Organic Chemistry I Organic Chemistry Laboratory I Organic Chemistry I Organic Chemistry	(2.3)
CHEM 2BH CHEM 2CH CHEM 118A	Honors Genl Chemistry Honors Genl Chemistry Org Chem, Hlth & Sci	(5) (5) (4)	NO CO NO CO CHEM CHEM	OMPAF OMPAF 211 221 211 221	RABI RABI & & &	LE COURSE LE COURSE Organic Chemistry I Organic Chemistry Laboratory I Organic Chemistry I Organic Chemistry Laboratory I	(2.3)
CHEM 2BH CHEM 2CH CHEM 118A	Honors Genl Chemistry Honors Genl Chemistry Org Chem, Hlth & Sci	(5) (5) (4)	NO CO NO CO CHEM CHEM CHEM CHEM	OMPAF OMPAF 211 221 211 221 212	RABI RABI & & &	LE COURSE LE COURSE Organic Chemistry I Organic Chemistry Laboratory I Organic Chemistry I Organic Chemistry Laboratory I	(2.3) (3) (2.3)
CHEM 2BH CHEM 2CH CHEM 118A CHEM 118B	Honors Genl Chemistry Honors Genl Chemistry Org Chem, Hlth & Sci Org Chem, Hlth & Sci	(5) (5) (4)	NO CC NO CC CHEM CHEM CHEM CHEM CHEM	DMPAF DMPAF 211 221 211 221 212 222	RABI RABI & & & & & & & & & & & & & & & & & & &	LE COURSE LE COURSE Organic Chemistry I Organic Chemistry Laboratory I Organic Chemistry Laboratory I Organic Chemistry Laboratory I Organic Chemistry Laboratory I Organic Chemistry I Organic Chemistry Laboratory II	(2.3) (2.3) (2.3) (1 (3) (2.5)
CHEM 2BH CHEM 2CH CHEM 118A CHEM 118B	Honors Genl Chemistry Honors Genl Chemistry Org Chem, Hlth & Sci	(5) (5) (4)	NO CC NO CC CHEM CHEM CHEM CHEM CHEM CHEM	DMPAF DMPAF 211 221 211 221 212 222	RABI RABI & & & & & & & & & & & & & & & &	LE COURSE LE COURSE Organic Chemistry I Organic Chemistry Laboratory I Organic Chemistry Laboratory I Organic Chemistry Laboratory I Organic Chemistry Laboratory I Organic Chemistry Laboratory II Organic Chemistry Laboratory II Organic Chemistry I	(2.3) (2.3) (2.3) (1 (3) (2.5)
CHEM 2BH CHEM 2CH CHEM 118A CHEM 118B	Honors Genl Chemistry Honors Genl Chemistry Org Chem, Hlth & Sci Org Chem, Hlth & Sci	(5) (5) (4)	NO CC NO CC CHEM CHEM CHEM CHEM CHEM	DMPAF DMPAF 211 221 211 221 212 222	RABI RABI & & & & & & & & & & & & & & & &	LE COURSE LE COURSE Organic Chemistry I Organic Chemistry Laboratory I Organic Chemistry Laboratory I Organic Chemistry Laboratory I Organic Chemistry Laboratory I Organic Chemistry I Organic Chemistry Laboratory II	(2.3) (2.3) (2.3) (1 (3) (2.5)

	OR				OR						
-	128A	_	Chemistry	, ,	CHEM			Organic Chemistry I	(3)		
CHEM	128B	Organic	Chemistry	(3)	CHEM		_	Organic Chemistry I	(3)		
	100=				CHEM			Organic Chemistry II	(3)		
CHEM			Chemistry		CHEM			Organic Chemistry II			
CHEM	129A	Organic	Chem Lab	(\(\(\(\) \)	CHEM	221		Organic Chemistry (2 Laboratory I	4.3)		
MATH	17A	Calculus	for BioSci	(4)	MATH	130		Calculus for	(5)		
								Biological Sciences,			
					ļ			Social Sciences and			
	100	a 1 1	5 P' '	(4)				Business I			
MATH MATH			for Biosci for BioSci	. ,	!			LE COURSE LE COURSE			
MAIN	170	OI		(4)	INO CC	JMPA	KAD.	OR			
MATH	21A	Calculus	•	(4)	MATH	150			(5)		
					İ			Geometry I	. ,		
MATH	21B	Calculus		(4)	MATH	160		Calculus with Analytic	(5)		
					<u> </u>			Geometry II			
MATH	21C	Calculus		(4)	MATH	200		Multivariable Calculus	(4)		
PHYSI	CS 7A	General	l Physics	(4)	 PHYS	105		General Physics	(4)		
			-		PHYS		_	General Physics	(4)		
					<u> </u>	<u>R</u>					
					PHYS				(4)		
			, .		PHYS			Introductory Physics	(4)		
PHYS1	CS 7B	Genera.	l Physics	(4)			_	General Physics	(4)		
					PHYS OI			General Physics	(4)		
					PHYS	_	&	Introductory Physics	(4)		
					PHYS		_	Introductory Physics	(4)		
PHYSI	CS 7C	Genera	l Physics	(4)	PHYS	105	&	General Physics	(4)		
					PHYS		_	General Physics	(4)		
					OI		_		(
					PHYS		_		(4)		
					PHYS	ттт		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.

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 <u>strongly recommended</u> 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 <u>UC Transfer</u>

<u>Admission webpage</u>. In order to receive priority consideration it 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 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ are also available from our TAG website.

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL	103		Cell Biology (5.5)
BIOLSCI 2B		(5)	BIOL	101	<u>&</u>	Plant Biology	(4)
			BIOL	102		Animal Biology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life		BIOL	101	<u>&</u>	Plant Biology	(4)
			BIOL	102		Animal Biology	(5)
						General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)				General Chemistry I	
			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 CO	NAPAR	AB1	LE 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 CO	OMPAR	AB1	LE COURSE	
MATH 21A	OR Calculus	(4)	 мати	150		OR Calculus with Analytic	(5)
nam zia	Carcaras	(1)		130		Geometry I	(3)
MATH 21B	Calculus	(4)	MATH	160		Calculus with Analytic	(5)
			 			Geometry II	
PHYSICS 1A	Principles Physics	(3)	PHYS	105	<u>&</u>	General Physics	(4)
				106		General Physics	(4)
PHYSICS 1B	Principles Physics	(3)	!		_	General Physics	(4)
			PHYS 	106 		General Physics	(4)

RECOMMENDED:

MATH 17C	Calculus for BioSci	(4) NO	COMPARABLE	COURSE	
	OR			OR	
MATH 21C	Calculus	(4) MAT	TH 200 M	ultivariable 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 <u>or</u> 21A/B Chemistry 2A/B/C Biological Sciences 2A/B/C

It is also $\underline{\text{strongly recommended}}$ 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 <u>UC Transfer Admission webpage</u>. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

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

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL	103		Cell Biology	(5.5)
BIOLSCI 2B		(5)	BIOL	101	<u>&</u>	Plant Biology	(4)
			BIOL	102		Animal Biology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life		BIOL 	101	<u>&</u>	Plant Biology	(4)
			BIOL	102		Animal Biology	(5)
	Genl Chemistry		CHEM			General Chemistry I	(5)
CHEM 2B	Genl Chemistry					General Chemistry I	(5)
CITEM OC	Caral Chaminton					General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	Снем 	120		General Chemistry II	(5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM	211		Organic Chemistry I	(3)
CHEM 8B						LE COURSE	` ′
	OR		j			OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	•		_	Organic Chemistry I	
			CHEM	221			(2.3)
CHEM 110D	Orac Obam III-b C Cai	(1)	CHEM	211	_	Laboratory I	(2)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM		_	Organic Chemistry I Organic Chemistry	(3)
			CHEM	2	<u>α</u>	Laboratory I	(2.3)
			CHEM	212	&	-	(3)
			СНЕМ				(2.5)
			j			Laboratory II	
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM				(3)
			CHEM	222			(2.5)
						Laboratory II 	
MATH 17A	Calculus for BioSci	(4)	 матн	 130			(5)
		(- /				Biological Sciences,	(-)
			İ			Social Sciences and	
			j			Business I	
MATH 17B		, ,	1			LE COURSE	
MATH 17C	Calculus for BioSci	(4)	NO CO	OMPAF	RAB]	LE COURSE	
MATH 21A	OR Calculus	(4)	 мати	150		OR Calculus with Analyti	c (5)
LIMITI LATA	Calculub	(=)	1.14.111	T J U		Carcaras with Analyti	C (3)

MATH 21B	Calculus		(4)	 MATH 	160		Geometry I Calculus with Analytic Geometry II	(5)
PHYSICS 7A	General F	Physics	(4)	 PHYS	105	& &	General Physics	(4)
		-	, ,	PHYS	106	_	General Physics	(4)
				OI	2		-	
				PHYS	110	&	Introductory Physics	(4)
				PHYS	111	_	Introductory Physics	(4)
PHYSICS 7B	General F	Physics	(4)	PHYS	105	<u>&</u>	General Physics	(4)
				PHYS	106		General Physics	(4)
				OI	<u> </u>			
				PHYS	110	<u>&</u>	Introductory Physics	(4)
				PHYS	111		Introductory Physics	(4)
PHYSICS 7C	General F	Physics	(4)	PHYS	105	<u>&</u>	General Physics	(4)
				PHYS	106		General Physics	(4)
				OI	<u> </u>			
				PHYS	110	<u>&</u>	Introductory Physics	(4)
				PHYS	111	_	Introductory Physics	(4)
It is highl	v recommende	ed that gt	udents cor	mnlete	an	ent	tire physics series at	

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

RECOMMENDED:

MATH 21C Calculus (4) | MATH 200 Multivariable Calculus (4)

END OF MAJOR

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

Genl Chemistry (5) CHEM 155 General Chemistry I 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 & General Chemistry I (5) | CHEM 156 | General Chemistry II (5) | CHEM 156 | General Chemistry II CHEM 2C Genl Chemistry (5) CHEM 156 ______ B) ENG CS 15 Intro to Computers (4) NO COMPARABLE COURSE OR (4) CS 137 C Programming ENG CS 36A 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.

(3) | MATH 130 Calculus for (5)

			OR		Biological Sciences, Social Sciences and Business I	
			MATH 15	0	Calculus with Analytic	(5)
матн 16в	Short Calculus	(3)	MATH 13	1	Geometry I Calculus for Biological Sciences, Social Sciences and Business II	(3)
			<u>OR</u> MATH 16	n	Calculus with Analytic	(5)
				O	Geometry II	(3)
MATH 16C	Short Calculus	(3)	MATH 13	1	Calculus for Biological Sciences, Social Sciences and Business II	(3)
	OR		<u>OK</u> MATH 16 	0	Calculus with Analytic Geometry II OR	(5)
MATH 21A	Calculus	(4)	матн 15	0	Calculus with Analytic Geometry I	(5)
MATH 21B	Calculus	(4)	MATH 16	0	Calculus with Analytic Geometry II	(5)
MATH 21C	Calculus	(4)	MATH 20	0	Multivariable Calculus	(4)
PHYSICS 7A	General Physics	(4)	PHYS 10	_	General Physics	(4)
			PHYS 10	6	General Physics	(4)
			PHYS 11		Introductory Physics	(4)
			PHYS 11		Introductory Physics	(4)
PHYSICS 7B	General Physics	(4)	PHYS 10	_	General Physics	(4)
			PHYS 10	6	General Physics	(4)
			<u>OR</u> PHYS 11		Introductory Physics	(4)
			PHYS 11	_	Introductory Physics	(4)
PHYSICS 7C	General Physics	(4)	PHYS 10		General Physics	(4)
	_		PHYS 10	_	General Physics	(4)
			<u>OR</u>			
			PHYS 11		Introductory Physics	(4)
T. 1 1.1 1.3			PHYS 11	. 1	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)
STATIST 13 Same as:	Elementary Statistics STATIST 13Y	(4)			Elementary Statistics	(4)
			MATH	<u>R</u> 117H R	Elementary Statistics, Honors	(4)
			PSY 1	50	Statistics for the	(4)

		Behavioral Sciences
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 CHEM 128B CHEM 128C CHEM 129A	Organic Chemistry Organic Chemistry Organic Chem Lab	(2) CHEM 221 Organic Chemistry (2.3) Laboratory I
	J	Laboratory I CHEM 222 Organic Chemistry (2.5) Laboratory II
	Princ of Microecon	IVE COURSES: (4) ECON 101 Microeconomics (3)
ECON 1B	Princ of Macroecon	(4) ECON 102 Macroeconomics (3)
		(3) MATH 210 Linear Algebra (4) (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 $\frac{\text{highly recommended}}{\text{Preparing well for}}$ 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.

Total control Control Division Francisco Consideration (TOTEC) / NO Design Control

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

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

COMUNCN 1 Intro Public Spkg (4) COMM 131 Fundamentals of (3)

Public Speaking

OR

COMM 131H Fundamentals of (3)

			Public Honors	Speaking,	
MATH 16A	Short Calculus	(3)		cal Sciences, Sciences and	(5)
				ıs with Analyti Ty I	c (5)
MATH 16B	Short Calculus	(3)	MATH 131 Calculu Biologi Social Busines	us for cal Sciences, Sciences and	(3)
			OR MATH 160 Calculu Geometr	ıs with Analyti	c (5)
MATH 16C	Short Calculus	(3)	MATH 131 Calculu Biologi	us for Ical Sciences, Sciences and	(3)
				us with Analyti ry II	c (5)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 103 Cell B	ology	(5.5)
			CHEM 155 General		
			CHEM 156 General	Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 156 General	Chemistry II	(5)
CHEM 8A	AND		CHEM 211 Organic	1D	(3)
CHEM 8B	Organic Chem-Brief OR	(4)	NO COMPARABLE COURS	SE DR	
CHEM 118A	Org Chem, Hlth & Sci	(4)		Chemistry cory I	
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 211 & Organic	C Chemistry I C Chemistry	(3)
	OR		CHEM 212 & Organic CHEM 222 Organic Laborat	Chemistry II Chemistry	(3)
CHEM 128A		(3)		Chemistry I	(3)
CHEM 128B	Organic Chemistry	(3)	CHEM 211 & Organic CHEM 212 Organic	Chemistry I Chemistry II	
CHEM 129A	AND Organic Chem Lab	(2)	CHEM 221 Organic Laborat	c Chemistry cory I	(2.3)
PHYSICS 7A	General Physics	(4)	PHYS 105 & General		
PHYSICS 7B	General Physics	(4)	PHYS 110 & Introdu PHYS 111 Introdu PHYS 105 & General	actory Physics actory Physics Physics Physics	

			OI	ર			
			PHYS	110	&	Introductory Physics	(4)
			PHYS	111		Introductory Physics	(4)
PHYSICS 7C	General Physics	(4)	PHYS	105	<u>&</u>	General Physics	(4)
			PHYS	106		General Physics	(4)
			OI	<u> </u>			
			PHYS	110	<u>&</u>	Introductory Physics	(4)
			PHYS	111		Introductory Physics	(4)
It is highly	recommended that	students cor	nplete	an	en	tire physics series at	

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

	Elementary Statistics STATIST 13Y	(4)	 MATH 	117	Elementary Statistics (4)
			i (OR	
			MATH	_	Elementary (4)
					Statistics, Honors
			i (OR	,
			-	150	Statistics for the (4)
					Behavioral Sciences
			' 		
NUTR 10	Discoveries and Concepts	(3)	BMS 3	128	Human Nutrition (3)
RECOMMENI	DED FOR STUDENTS INTENDING	TO P	URSUE	GRAD	UATE OR PROFESSIONAL STUDIES:
					UATE OR PROFESSIONAL STUDIES: © Organic Chemistry II (3)
			СНЕМ	212	
			СНЕМ	212	$\underline{\&}$ Organic Chemistry II (3)
			СНЕМ	212	© Organic Chemistry II (3) Organic Chemistry (2.5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM CHEM	212 222	© Organic Chemistry II (3) Organic Chemistry (2.5) Laboratory II OR
CHEM 118C	Org Chem, Hlth & Sci OR	(4)	CHEM CHEM	212 222	© Organic Chemistry II (3) Organic Chemistry (2.5) Laboratory II OR
CHEM 118C CHEM 128C	Org Chem, Hlth & Sci OR Organic Chemistry	(4)	CHEM CHEM CHEM	212 222 212	© Organic Chemistry II (3) Organic Chemistry (2.5) Laboratory II OR Organic Chemistry II (3)
CHEM 118C CHEM 128C	Org Chem, Hlth & Sci OR Organic Chemistry AND	(4)	CHEM CHEM CHEM	212 222 212	© Organic Chemistry II (3) Organic Chemistry (2.5) Laboratory II OR Organic Chemistry II (3) AND
CHEM 118C CHEM 128C	Org Chem, Hlth & Sci OR Organic Chemistry AND	(4)	CHEM CHEM CHEM CHEM	212 222 212	Organic Chemistry II (3) Organic Chemistry (2.5) Laboratory II OR Organic Chemistry II (3) AND Organic Chemistry II (3) Laboratory I Laboratory I
CHEM 118C CHEM 128C	Org Chem, Hlth & Sci OR Organic Chemistry AND	(4)	CHEM CHEM CHEM CHEM	212222212221	Organic Chemistry II (3) Organic Chemistry (2.5) Laboratory II OR Organic Chemistry II (3) AND Organic Chemistry II (3) Laboratory I Laboratory I

END OF MAJOR

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

CHEM 129C Organic Chem Lab (2) CHEM 222 Organic Chemistry (2.5)

Laboratory II

Special Advising Note:

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

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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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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	COMPAR	RABLE COURSE	
FRENCH 23	Intermed French	(5) FR	142	Advanced Literary	(2)
		ĺ		Readings	

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 <u>transfer admission website</u>. UC Davis requires that students

complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer 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 Foreign Language Requirement Note:

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

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WOM STD 50 Intro Gender Studies (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (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	(3)
				Culture	
AF-AMST 17	Women in Africa	(4)	NO COMPARA	ABLE COURSE	
AMR STD 21	Objects & Everyday Life	(4)	NO COURSE	ARTICULATED: College has	not
			submitted	course(s) for articulation	on
AMR STD 30	Amr Images Pop Cult	(4)	NO COMPARA	ABLE COURSE	
ANTHRO 2	ultural Anthropology	(5)	ANTH 103	Introduction to	(3)
				Cultural Anthropology	
ANTHRO 20	Comparative Cultures	(4)	ANTH 109	Comparative World	(3)
				Cultures	
ANTHRO 30	Sexualities	(4)	NO COURSE	ARTICULATED: College has	not
			submitted	course(s)for articulation	n
A A STD 1	Hist Exp Asian Am	(4)	ASAM 101	Comparative	(3)

A A STD 2 CHICANO 10	Contemp Issues of Asian Americans Intro to Chic Std		 ASAM 102 CHST 102 	Asian-American History, 1849 to 1965 Contemporary (3) Asian-American History The Chicano and Latino (3) in U.S. History from the 1960s to the Present
CHICANO 21 CHICANO 50	Hlth Care Issues Chicano Culture	, ,	OR CHST 103 NO COMPARA CHST 113	Mexican-American (3) (Chicano) Culture ABLE COURSE Introduction to (3) Chicano/Mexican-Americ
COMPLIT 12	Intro Women Writers	(4)	 ENG 241 	an Literature Contemporary Women (3) Writers
DRAMART 1	Theatre, Performance and Culture	(4)	NO COMPARA	
ENGLISH 3	Intro to Lit	(4)	 ENG 111 	Critical Thinking and (3) Composition Through Literature
			OR	
			ENG 111H 	Critical Thinking and (3) Composition through Literature, Honors
e) HISTORY	72A Am Women & Gender	(4)	HIST 110	History of American (3) Women
e) HISTORY	72B Am Women & Gender	(4)	HIST 110	History of American (3) Women
HISTORY 85	Nat,Man&Mach/Amer	(4)		ARTICULATED: College has not
N A STD 10	NA Experience	(4)	submitted NATA 103	course(s)for articulation Native American (3) Cultural Heritage
N A STD 32	NA Music & Dance	(4)	NO COMPAR	ABLE COURSE
POL SCI 7	Law & Politics	. ,	POLS 151	Law and Society (3)
PSYCH 1	General Psychology	(4)	PSY 100	General Psychology (3)
			<u>OR</u> PSY 100H 	General Psychology, (4) Honors
SCI&TEC 1	Intro Sci & Tech Std	(4)		ARTICULATED: College has not course(s) for articulation
SCI&TEC 2	Intro History of Science	(4)	Submitteed	course(s) for arciculation
SCI&TEC 20	Sci & Tec Std Methods		NO COURSE	ARTICULATED: College has not
		, ,		course(s) for articulation
SCI&TEC 32	Drugs, Science and	(4)	NO COURSE	ARTICULATED: College has not
	C1			5
	Culture		submitted	course(s) for articulation
SOCIOL 2 SOCIOL 3	ANTHRO 32		į	course(s) for articulation
	ANTHRO 32 Self and Society		 SOC 104	course(s) for articulation Social Psychology (3)
	ANTHRO 32 Self and Society Social Problems	(4)	 SOC 104 SOC 109	course(s) for articulation Social Psychology (3) Social Problems (3)
SOCIOL 11	ANTHRO 32 Self and Society Social Problems Sociology of Labor and	(4)	SOC 104 SOC 109 NO COURSE	course(s) for articulation Social Psychology (3) Social Problems (3) ARTICULATED: College has not
	ANTHRO 32 Self and Society Social Problems Sociology of Labor and Employment	(4)	SOC 104 SOC 109 NO COURSE submitted	course(s) for articulation Social Psychology (3) Social Problems (3)
SOCIOL 11	ANTHRO 32 Self and Society Social Problems Sociology of Labor and Employment Multicultural Societies	(4) (4)	SOC 104 SOC 109 NO COURSE submitted NO COURSE submitted NO COURSE	course(s) for articulation Social Psychology (3) Social Problems (3) ARTICULATED: College has not course(s) for articulation ARTICULATED: College has not course(s) for articulation ARTICULATED: College has not
SOCIOL 11 SOCIOL 30A	ANTHRO 32 Self and Society Social Problems Sociology of Labor and Employment Multicultural Societies	(4)(4)(3)(3)	SOC 104 SOC 109 NO COURSE submitted NO COURSE submitted NO COURSE submitted NO COURSE	course(s) for articulation Social Psychology (3) Social Problems (3) ARTICULATED: College has not course(s) for articulation ARTICULATED: College has not course(s) for articulation ARTICULATED: College has not course(s) for articulation ARTICULATED: College has not course(s) for articulation ARTICULATED: College has not
SOCIOL 11 SOCIOL 30A SOCIOL 30B TEX&CL 7	ANTHRO 32 Self and Society Social Problems Sociology of Labor and Employment Multicultural Societies Multicultural Societies	(4)(4)(3)(3)(4)	SOC 104 SOC 109 NO COURSE submitted NO COURSE submitted NO COURSE submitted NO COURSE submitted NO COURSE	course(s) for articulation Social Psychology (3) Social Problems (3) ARTICULATED: College has not course(s) for articulation ARTICULATED: College has not course(s) for articulation ARTICULATED: College has not course(s) for articulation ARTICULATED: College has not course(s) for articulation ARTICULATED: College has not course(s) for articulation ARTICULATED: College has not
SOCIOL 11 SOCIOL 30A SOCIOL 30B TEX&CL 7 UWRITING 49 Formerly U	ANTHRO 32 Self and Society Social Problems Sociology of Labor and Employment Multicultural Societies Multicultural Societies Style & Cult Std Writing Research Papers WRITING 19	(4)(4)(3)(4)(4)	SOC 104 SOC 109 NO COURSE submitted NO COURSE submitted NO COURSE submitted NO COURSE submitted NO COURSE submitted submitted submitted submitted submitted	Course(s) for articulation Social Psychology (3) Social Problems (3) ARTICULATED: College has not course(s) for articulation ARTICULATED: College has not course(s) for articulation ARTICULATED: College has not course(s) for articulation ARTICULATED: College has not course(s) for articulation ARTICULATED: College has not course(s) for articulation ARTICULATED: College has not course(s) for articulation
SOCIOL 11 SOCIOL 30A SOCIOL 30B TEX&CL 7 UWRITING 49 Formerly U	ANTHRO 32 Self and Society Social Problems Sociology of Labor and Employment Multicultural Societies Multicultural Societies Style & Cult Std Writing Research Papers	(4)(4)(3)(4)(4)	SOC 104 SOC 109 NO COURSE submitted NO COURSE submitted NO COURSE submitted NO COURSE submitted NO COURSE submitted NO COURSE submitted NO COURSE	course(s) for articulation Social Psychology (3) Social Problems (3) ARTICULATED: College has not course(s) for articulation ARTICULATED: College has not course(s) for articulation ARTICULATED: College has not course(s) for articulation ARTICULATED: College has not course(s) for articulation ARTICULATED: College has not course(s) for articulation ARTICULATED: College has not

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 <u>strongly recommended</u> 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 <u>UC Transfer</u>

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

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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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BIOLS	SCI 2A	Intro Biology:Life on Earth	(5)	BIOL	103		Cell Biology	(5.5)
BIOLS	SCI 2B		(5)	BIOL	101	<u>&</u>	Plant Biology	(4)
		a 2101401011		BIOL	102		Animal Biology	(5)
BIOLS	SCI 2C	Intro Biology: Biodiversity & the Tree of Life		BIOL 	101	<u>&</u>	Plant Biology	(4)
				 BIOL	102		Animal Biology	(5)
CHEM	2A	Genl Chemistry	(5)	CHEM	155		General Chemistry I	(5)
CHEM	2B	Genl Chemistry	(5)				General Chemistry I	(5)
				CHEM	156		General Chemistry II	(5)
CHEM		Genl Chemistry OR	(5)	CHEM	156		General Chemistry II OR	(5)
CHEM	2AH	Honors Genl Chemistry	(5)	NO CO	MPAI	RAB	LE COURSE	
-		Honors Genl Chemistry		1			LE COURSE	
CHEM	2CH	Honors Genl Chemistry	(5)	NO C	APAI	RABI	LE COURSE	
CHEM	_	Organic Chem-Brief		CHEM			Organic Chemistry I	(3)
CHEM	8B	Organic Chem-Brief OR	(4)	NO CO	MPAI	RAB	LE COURSE OR	
CHEM	118A	Org Chem, Hlth & Sci	(4)	CHEM	211	&	Organic Chemistry I	(3)
		J .	, ,	CHEM			Organic Chemistry Laboratory I	
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		_	Organic Chemistry	
							Laboratory II	(=)
CHEM	118C	Org Chem, Hlth & Sci	(4)				Organic Chemistry II	
				CHEM	222		Organic Chemistry	(2.5)
				 			Laboratory II	
MATH	17A	Calculus for BioSci	(4)	MATH	130		Calculus for	(5)
			,	İ			Biological Sciences,	
				•				

			 		Social Sciences and Business I	
MATH 17B	Calculus for Biosci	(4)	NO COI	MPAR	ABLE COURSE	
MATH 17C	Calculus for BioSci	(4)	NO COI	MPAR	ABLE COURSE	
	OR				OR	
MATH 21A	Calculus	(4)	MATH 1	150	Calculus with Analytic (Geometry I	(5)
MATH 21B	Calculus	(4)	MATH 1	160	-	(5)
					Geometry II	
PHYSICS 7A	General Physics	(4)	PHYS :	 105	& General Physics ((4)
			PHYS :	106	General Physics ((4)
			OR			
			PHYS 3	110	$\underline{\&}$ Introductory Physics ((4)
			PHYS :		2 2	(4)
PHYSICS 7B	General Physics	(4)	PHYS 3	105	$\underline{\underline{\textbf{\&}}}$ General Physics ((4)
			PHYS 3	106	General Physics ((4)
			OR			
			PHYS 3			(4)
			PHYS 1		2 2	(4)
PHYSICS 7C	General Physics	(4)	!		_ -	(4)
			PHYS 3		General Physics ((4)
			OR			
			!		-	(4)
			PHYS 3	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

====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 $\frac{\text{highly recommended}}{\text{Preparing well for}}$ 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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Education(GE) Note:

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College Foreign Language Requirement Note:

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

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•	OLOGY OGY 3L		istory of I			ERTH ERTH ERTH		-
m) GE	OLOGY	50	Physical G	eology	(3)	ERTH	111	Dynamic Earth-Physical (3) Geology
GEOLO	GY 50I	L Phy	ysical Geo	l Lab	(2)	ERTH	1111	L Dynamic (1) Earth-Physical Geology Laboratory
GEOLO	GY 60	Ear	th Materia	ls:Intro	(4)	ERTH	125	Mineralogy and (5) Resources
MATH	16A	Short	Calculus		(3)	MATH OI		Calculus for (5) Biological Sciences, Social Sciences and Business I
						MATH	150	Calculus with Analytic (5) Geometry I
MATH	16B	Short	Calculus		(3)	MATH 	131	-
						OI	_	
			0.7			MATH	160	Geometry II
MATHI	21A	Calcu:	OR		(1)	 MATH	1 5 0	OR
					,			Geometry I
MATH	21B	Calcu	lus 		(4)	MATH 	160	Calculus with Analytic (5) Geometry II
CHEM	2A	Genl Cl	hemistry		(5)	CHEM	155	General Chemistry I (5)
CHEM	2B	Genl Cl	hemistry		(5)	CHEM CHEM		General Chemistry I (5) General Chemistry II (5)

PHYSICS	7A	General	Physics	(4)	PHYS	105	&	General Physics	(4)
					PHYS	106		General Physics	(4)
					OI	2			
					PHYS	110	<u>&</u>	Introductory Physics	(4)
					PHYS	111		Introductory Physics	(4)
PHYSICS	7в	General	Physics	(4)	PHYS	105	&	General Physics	(4)
					PHYS	106		General Physics	(4)
					OI	2			
					PHYS	110	&	Introductory Physics	(4)
					PHYS	111		Introductory Physics	(4)

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STATIST	13	Elementary	Statistics	(4)	MATH	I 117	Elementary	Statistics	(4)
Same	as:	STATIST 13Y			ĺ				
					İ	OR			
					MATH	<u></u> н 117н	Elementary		(4)
							Statistics	Honors	
					ĺ	OR			
					PSY	15 0	Statistics	for the	(4)
					ĺ		Behavioral	Sciences	
		OR			İ		OR		
STATIST	32	Gateway to Da	ata Science	(4)	NO C	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 ERTH 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 $\underline{\text{highly recommended}}$ that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

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

SELECT ONE OF THE FOLLOWING THREE OPTIONS:

GENERAL GEOLOGY OPTION:

CHEM 2C STATIST	32	Genl Chemis Gateway to	stry Data Science	(5) (4)	CHEM			General LE COURSI		ry II	(5)
PHYSICS	7A	General	Physics	(4)	PHYS	105	<u>&</u>	General	Physics		(4)
					PHYS	106		General	Physics		(4)
					O1	R					
					PHYS	110	<u>&</u>	Introduc	ctory Ph	ysics	(4)
					PHYS	111		Introduc	ctory Ph	ysics	(4)
PHYSICS	7в	General	Physics	(4)	PHYS	105	&	General	Physics		(4)
					PHYS	106	_	General	Physics		(4)
					01	R					
					PHYS	110	&	Introduc	ctory Ph	ysics	(4)
					PHYS	111		Introduc	ctory Ph	ysics	(4)
PHYSICS	7C	General	Physics	(4)	PHYS	105	&	General	Physics		(4)
					PHYS	106	_	General	Physics		(4)
					01	R					
					PHYS	110	&	Introduc	ctory Ph	ysics	(4)
					PHYS	111		Introduc	ctory Ph	ysics	(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 9	9A	Classical	Physics	(5)	PHYS	121	Mechanics of Solids and Fluids	(5)
PHYSICS 9	9B	Classical	Physics	(5)	PHYS 	123	Heat, Light and Modern Physics	n (5)
PHYSICS 9	9C	Classical	Physics	(5)	PHYS	122	Electricity and Magnetism	(5)

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 CO	OMPARAB	LE 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 ERTH 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 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ are also available from our TAG website.

GERMAN 1	Elementary German	(5) GER 101 Beginning German I (4	Į)
GERMAN 2	Elementary German	(5) GER 101 & Beginning German I (4)	ŀ)
		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 $\frac{\text{highly recommended}}{\text{Preparing well for}}$ that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

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

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

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

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

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

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

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

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

GDISBIO 90	Intro Global Disease Bio	(1)				RTICULATED: College has course(s)for articulati	
SCI&SOC 13	Disease and Society	(3)				RTICULATED:College has	
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)				Animal Biology Plant Biology	(5) (4)
			BIOL	102		Animal Biology	(5)
CHEM 2A CHEM 2B	Genl Chemistry Genl Chemistry			155	<u>&</u>	General Chemistry I General Chemistry I General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM			-	(5)
CHEM 8A CHEM 8B	Organic Chem-Brief Organic Chem-Brief OR					Organic Chemistry I ELE COURSE OR	(3)
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM CHEM		_	*	(3)
CHEM 118B	Org Chem, Hlth & Sci	(4)				Organic Chemistry I Organic Chemistry Laboratory I	(3)
			CHEM CHEM		<u>&</u>	Organic Chemistry II Organic Chemistry Laboratory II	(3)
MATH 17A	Calculus for BioSci	(4)	MATH 	130		Calculus for Biological Sciences, Social Sciences and Business I	(5)
	Calculus for Biosci Calculus for BioSci					LE COURSE	
PHYSICS 7A	General Physics	(4)	 PHYS PHYS OF	106		General Physics General Physics	(4) (4)
PHYSICS 7B	General Physics	(4)	PHYS PHYS	110 111 105 106	<u>&</u>	Introductory Physics Introductory Physics General Physics General Physics	(4) (4) (4) (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.

PHYS 110 & Introductory Physics

(4)

STATIST	13	Elementary	Statistics	(4)	MATH 117	Elementary S	Statistics	(4)
Same	as:	STATIST 13Y						
					OR			
					MATH 117H	Elementary		(4)
						Statistics,	Honors	
					OR			
					PSY 150	Statistics f	or the	(4)
						Behavioral S	Sciences	

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 $\underline{\tt General\ Catalog}$. Quick reference charts for $\underline{\tt AP}$ and $\underline{\tt IB}$ 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

		Africa to 1900 Africa Today				ARTICULATED ARTICULATED		
B. ASIA								
HISTORY	9A	Indian Civilization East Asian Civ East Asian Civ	(4)	NO CO submi	OURSE Ltted OURSE	ABLE COURSE ARTICULATED: College has not course(s) for articulation ARTICULATED: College has not course(s) for articulation		
C. EUROPE								
HISTORY	4A	Western Civ	(4)	HIST	103	History of Western (3) Civilization		
HISTORY	4B	Western Civ	(4)	HIST	103	<u>&</u> History of Western (3) Civilization		
					104 OR			
				· _		<u>&</u> History of Western (4) Civilization: 1600 to Present, Honors		
				HIST	104	History of Western (3) Civilization		
HISTORY	4C	Western Civ	(4)	HIST 	104	History of Western (3) Civilization		
					<u>)R</u> 113H	History of Western (4) Civilization: 1600 to Present, Honors		
D. LATIN AMERICA								
HISTORY	7A	Latin America to 17	00 (4)	!		ARTICULATED: College has not course(s) for articulation		
HISTORY	7В	Latin America 1700-	1900 (4)	NO COURSE ARTICULATED: College has submitted course(s) for articulati		ARTICULATED: College has not		
HISTORY	7C	Latin America 1900-Present	(4)	NO COURSE ARTICULATED: College ha submitted course(s) for articulat		ARTICULATED: College has not		
E. MIDDLE EAST								
HISTORY 6 Intro to Middle East (4) NO COMPARABLE COURSE								
F. UNITED STATES								
HISTORY	17A	U.S. History		j		History of the U.S. to (3) 1877		
HISTORY	17B	U.S. History	(4)	HIST 	102	History of the U.S. (3) since 1865		
					<u>DR</u> 102H	History of the United (4) States since 1865, Honors		
		Race in America to 1 2A Am Women & Gendo		!				
e) HISTO	ORY 7	2B Am Women & Gende	er (4)	HIST	110			

				women
HISTORY	80	US in the Middle East	(2)	NO COURSE ARTICULATED: College has not
				submitted course(s)for articulation
HISTORY	85	Nat,Man&Mach/Amer	(4)	NO COURSE ARTICULATED: College has not
				submitted course(s)for articulation
		G.	WORI	LD
HISTORY	1 .	Introduction to History	(2)	NO COURSE ARTICULATED: College has not
111010101		incroduction to history	(2)	submitted course(s)for articulation
III CTODA	2 Tm	two Higtows of Caiongo	(1)	NO COURSE ARTICULATED
		tro History of Science		!
HISTORY		Cities: Survey of World	(4)	NO COMPARABLE COURSE
HISTORY		World History to 1350	(4)	HIST 107 World Civilization, (3)
111010101	1011	World Hibbory to 1550	(-)	Beginnings to 1550
T CTUDV	1 N B	World History	(4)	HIST 107 & World Civilization, (3)
HISTORI	100	1350-1850	(1)	'
		1330-1630		Beginnings to 1550
				HIST 108 World Civilization, (3)
				1550 to Present
HISTORY	10C	World History III	(4)	HIST 108 World Civilization, (3)
				1550 to Present
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
				submited course(s) for articulation
HISTORY	13 G	lobal Sexualities	(4)	NO COURSE ARTICULATED
HISTORY	14 H:	ist Global Capitalism	(4)	NO COURSE ARTICULATED
HISTORY		The Vietnam War		NO COURSE ARTICULATED
HISTORY		esearch in History	. ,	NO COURSE ARTICULATED
		- 		,

Women

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

Transfer Admission Guarantee (TAG) Note:

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

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

Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for

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

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

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

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

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

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

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

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Select two of the following courses:

ANTHRO	1	Human Evol	Biol	(4)	ANTH	101	Physical	Anthropology	(3)
					(OR			
					ANTH	101H	Physical		(4)
					ĺ		Anthropo	logy, Honors	
ANTHRO	2	Cultural Ant	hropology	(5)	ANTH	103	Introduct	ion to	(3)
					ĺ		Cultural	Anthropology	
ANTHRO	15	Human Life	e Cycle	(5)	NO CO	OMPARAB:	LE COURSE		

Select one course from:							
BIOLSCI 2A	Intro Biology: Life on	/ E \	BIOL 103 Cell Biology (5.5)				
BIOLSCI ZA	Earth	(5)					
BIOLSCI 10		(4)	OR BIOL 100 Concepts of Biology (4)				
MIC BIO 10	Infectious Diseases	(3)	OR NO COURSE ARTICULATED: College has not submitted course(s) for articulation				
	OR Human Brain and Disease		·				
	Intro Human Heredity		NO COMPARABLE COURSE				
Select one course from:							
HISTORY 17A	U.S. History	(4)	HIST 101 History of the U.S. to (3)				
111010111 1/11	OR	(-)	1877 OR				
HISTORY 17B		(4)	HIST 102 History of the U.S. (3) since 1865				
	OR		OR				
e) HISTORY 7	2A Am Women & Gender	(4)	T ===				
e) HISTORY 7	OR 2B Am Women & Gender	(4)	OR HIST 110 History of American (3) Women				
POL SCI 1	OR Amer Natl Govt	(4)	OR POLS 101 American Government (3) and Politics				
	Select two of th	e Io	llowing courses:				
d) PHILOS 5			PHIL 205 Introduction to Logic (3)				
PHILOS 15 PHILOS 30	Intro to Bioethics Intro Philos of Sci		NO COMPARABLE COURSE NO COMPARABLE COURSE				
PHILOS 30			NO COMPARABLE COURSE				
PHILOS 32	Scientific Change		PHIL 204				
PHILOS 38	Intro Philos of Biol	(4)	Physics NO COMPARABLE COURSE				
NE PH B 10	Elem Human Physio	(3)	BMS 100 The Human Body (4)				
			OR BMS 108 Human Physiology (4)				
	eneral Psychology	(4)	PSY 100 General Psychology (3)				
			OR PSY 100H General Psychology, (4) Honors				
	Select one of the		owing options:				
PSYCH 41	Research Methods		PSY 200 Research Methods and (4) Experimental Design in Psychology				
SOCIOL 46A	OR Intro Social Rsch	(4)	OR SOC 115 Introduction to Social (3)				

				Re	esearch		
	AND				AND		
SOCIOL 46B	Intro Social Rsch	(5)	NO (COMPARABLE	COURSE		
	OR				OR		
STATIST 10	Statist Thinking	(4)	NO 0	COMPARABLE	COURSE		
	OR		ĺ		OR		
STATIST 13	Elementary Statistics	(4)	MATI	н 117	Elementary	Statistics	(4)
Same as:	STATIST 13Y		ĺ				
			ĺ	OR			
			MATE	н <u>1</u> 17н	Elementary		(4)
			İ		Statistics	, Honors	
			İ	OR			
			PSY	150	Statistics	for the	(4)
			İ		Behavioral	Sciences	

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 $\frac{\text{highly recommended}}{\text{Preparing well for}}$ 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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Intergermental Conoral Education Transfer Curriculum (ICEEC) / HC David Conoral

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

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

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

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

BIOLSCI	2A	Intro Biol Earth	ogy:Life on	(5)	BIOL	103	Cell Biology (5.5)
BIOLSCI	2B			(5)	 BIOL 	101 &	Plant Biology	(4)
					BIOL	102	Animal Biology	(5)
CHEM 2A CHEM 2B		enl Chemistr enl Chemistr		. ,	CHEM	155 155 <u>&</u> 156	General Chemistry I	(5)
CHEM 2C	G	enl Chemistr	У	(5)	!	156	-	
PHYSICS	9A	Classical	Physics	(5)	PHYS 	121	Mechanics of Solids and Fluids	(5)
PHYSICS	9В	Classical	Physics	(5)	PHYS	123	Heat, Light and Modern Physics	(5)
PHYSICS	9C	Classical	Physics	(5)	PHYS	122	Electricity and Magnetism	(5)
MATH 21	A (Calculus		(4)	MATH 	150	Calculus with Analytic Geometry I	(5)
MATH 21E	3 (Calculus		(4)	MATH	160		(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)
m) GEOLOGY 50 Physical Geology	(3)	ERTH	111	Dynamic Earth-Physical Geology	(3)
GEOLOGY 50L Physical Geol Lab	(2)	ERTH	111L	Dynamic	(1)
				Earth-Physical	
		 		Geology Laboratory	
ENGIN 6 Engr Prob Solving	(4)	CS 13	33	Introduction to Programming for	(3)
				Engineers	

END OF MAJOR

m) If a student takes ERTH 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:

INT AG 10	Intro Intl Ag Development	(4)	NO COMPARA 	BLE COURSE	
PL SCI 2	Bot Physio Cul Plt	(4)	NO COMPARA	BLE COURSE	
SOILSCI 10	Soils in Our Environment	(3)	NO COMPARA 	BLE COURSE	
ECON 1A	Princ of Microecon AND	(4)	ECON 101	Microeconomics AND	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 102	Macroeconomics	(3)
	Elementary Statistics STATIST 13Y	(4)	 MATH 117 OR	Elementary Statistics	(4)
			MATH 117H OR	Elementary Statistics, Honors	(4)
	OR		PSY 150	Statistics for the Behavioral Sciences OR	(4)
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARA		

MATH 16A	Short Calculus	(3)	MATH 130
			OR
			MATH 150 Calculus with Analytic (5) Geometry I
CM&RGDE 1	The Community	(4)	NO COMPARABLE COURSE
	SIX QUARTER	UNITS	FROM THE FOLLOWING:
AGRESEC 15	Pop,Envr,World Agri	(4)	NO COMPARABLE COURSE
AN SCI 41	Domestic Ani Prod	(2)	NO COMPARABLE COURSE
AN SCI 41L	Domest An Prod Lab	(2)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
CM&RGDE 20	Food Systems	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
NUTR 10	Discoveries and Concepts	(3)	BMS 128 Human Nutrition (3)
PL SCI 1	Agr Nature & Society	(3)	NO COMPARABLE COURSE
PL SCI 15	Intro Sustainable	(4)	NO COURSE ARTICULATED: College has not
	Agriculture		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	SPE	CIALIZ	OITAZ	N:		
	AGRICULTURAL	PRO	DUCTIO	ON OP	TI	ON:	
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)
			BIOL	102		Animal Biology	(5)
CHEM 2A	Genl Chemistry	(5)					
						General Chemistry I	
	Cerr Cremiber,	(3)			_	General Chemistry II	
			Спем	130		General Chemistry II	(5)
	TRADE AND ECONOM	IC D	EVELOI	PMENT	' 01	PTION:	
MATH 16B	Short Calculus	(3)	MATH	131		Calculus for	(3)
		(-)				Biological Sciences,	(-)
			! !			Social Sciences and	
			 			Business II	
						Business II	
			<u>OI</u>	_		~ 1 1 1 1 1 1 1 1 1	<i>(</i> - <i>)</i>
			 MA'I'H	160		Calculus with Analyti Geometry II	.C (5)
SOCIOL 1	Intro Sociology	(5)	SOC 3	101		Introduction to	(3)
			İ		:	Sociology	
	OR		j			OR	
ANTHRO 2	Cultural Anthropology	(5)	ANTH	103		Introduction to	(3)
	1 31	, ,	i			Cultural Anthropology	
AGRESEC 15	Pop,Envr,World Agri	(4)	NO CO	MPAR	AB		
	ENVIRONMEN	TAL :	ISSUES	OPT	'IOI	N:	
BIOLSCI 2A	Intro Biology:Life on	(5)	BIOL	103		Cell Biology	(5.5)
	Earth		İ				•
BIOLSCI 2B	Intro Biology: Ecology	(5)	BIOL	101	<u>&</u>	Plant Biology	(4)

	& Evolution					
ENV S&P 1	Env Analysis	(4)	!	102 COMPARA	Animal Biology BLE COURSE	(5)
	RURAL	COMMUNI	TIES	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 $\frac{\text{General Catalog}}{\text{available from our TAG website.}}$

ANTHRO 2 Cultural Anthropo OR	logy (5)	ANTH	103	Introduction to Cultural Anthropology OR	(3)
ECON 1A Princ of Microeco		 ECON		~ 	(3)
ECON 1B Princ of Macroeco		ECON			(3)
HISTORY 4C Western Civ	(4)	į	104 OR	History of Western Civilization	(3)
OR				History of Western Civilization: 1600 to Present, Honors OR	(4)
HISTORY 10C World History	III (4)				(3)
POL SCI 2 Intro Comp Poli	tics (4)	POLS	131	Comparative Politics	(3)
POL SCI 3 Internatl Relat	ions (4)		121		
POL SCI 12Y Data Visualiz Same as: COMUNCN 12Y, PSY SOCIOL 12Y					not
OR		j		OR	
STATIST 13 Elementary Sta Same as: STATIST 13Y	tistics (4)	MATH 	117	Elementary Statistics	(4)
		MATH		Elementary Statistics, Honors	(4)
OR			<u>DR</u> .50	Statistics for the Behavioral Sciences OR	(4)
SOCIOL 46B Intro Social R	sch (5)	NO CC)MPARAB		
POL SCI 51 Scientific Stu-		submi	tted c	RTICULATED: College has ourse(s) for articulatio	on

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)	1	ARTICULATED: College has not 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		İ	OR
x) CHINESE	1 Elem Chinese	(5)	CHIN 101	Beginning Chinese I (5)
x) CHINESE	2 Elem Chinese	(5)	NO COMPARA	ABLE COURSE
, -			!	

x) CHINESE x) CHINESE x) CHINESE	4 Inter Chinese	(5)	NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE
x) CHINESE	6 Inter Chinese OR	(5)	NO COMPARABLE COURSE OR
x) CHINESE	1CN Mand/Cant Spkrs I		NO COMPARABLE COURSE
x) CHINESE x) CHINESE	-		NO COMPARABLE COURSE NO COMPARABLE COURSE
A) CHINEEL	OR		OR
x) CHINESE x) CHINESE			NO COMPARABLE COURSE NO COMPARABLE COURSE
•	II	(3)	CONTARABLE COOKSE
x) CHINESE	3BL Accl Wrtn Chinese	(5)	NO COMPARABLE COURSE
	OR		OR
FRENCH 1	Elementary French		FR 101 Beginning French I (5)
FRENCH 2 FRENCH 3	Elementary French Elementary French		FR 102 Beginning French II (5) FR 103 Intermediate French I (5)
FRENCH 3 FRENCH 21	Intermed French		FR 103 Intermediate French I (5) FR 104 Intermediate French II (5)
FRENCH 22	Intermed French OR		NO COMPARABLE COURSE OR
GERMAN 1	Elementary German	(5)	GER 101 Beginning German I (4)
GERMAN 2	Elementary German		
GERMAN 3 GERMAN 20	Elementary German Intermediate German		GER 102 Beginning German II (5) GER 103 & Intermediate German I (5)
GERMAN 20	intermediate German	(1)	GER 103
GERMAN 21	Intermediate German OR	(4)	NO COMPARABLE COURSE 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
	-1 1	<i>(</i> = <i>)</i>	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
HEBREW 23	Intermed Modern Hebrew III	(4)	submitted course(s) for articulation NO COURSE ARTICULATED
	OR		OR
HIN-URD 1	Elem Hindi/Urdu I	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HIN-URD 2	Elem Hindi/Urdu II	(5)	NO COURSE ARTICULATED: College has not
HIN-URD 3	Elem Hindi/Urdu III	(5)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not
11111 0112 0			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
02	T	(4)	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		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		ITAL 103 Intermediate Italian I (5)
ITALIAN 5	Interm Italian OR		NO COMPARABLE COURSE OR
ITALIAN 1	Elementary Italian	(5)	ITAL 101 Beginning Italian I (5)
ITALIAN 2	Elementary Italian		ITAL 101 $\underline{\mathbf{e}}$ Beginning Italian I (5)

ITALIAN 3 ITALIAN 8A	Elementary Italian Italian Convers		ITAL ITAL ITAL	102		Beginning Italian II Beginning Italian II Intermediate	(5) (5) (2)
ITALIAN 8B	Italian Convers OR	(3)	 ITAL 	140		Conversation Advanced Conversation OR	(2)
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		JAPN			Beginning Japanese II	(5)
y) JPNESE 4	Inter Japanese	(5)	JAPN 	103	<u>&</u>	Intermediate Japanese I	(5)
			JAPN 	130	<u>&</u>	Intermediate Japanese Conversation I	(2)
			JAPN 	140		Intermediate Japanese Conversation I	(2)
y) JPNESE 5	Inter Japanese	(5)	JAPN	103	<u>&</u>	Intermediate Japanese I	(5)
			JAPN	130	<u>&</u>	Intermediate Japanese	(2)
			İ			Conversation I	
			JAPN	140		Intermediate Japanese	(2)
			[Conversation I	
y) JPNESE 6	Inter Japanese	(5)	NO CO	OMPAI	RAB:	LE COURSE	
	OR					OR	
PORTUG 1	Elementary Portuguese	(5)				RTICULATED: College has	
DODELIG O		<i>(</i> - <i>)</i>	1			ourse(s) for articulation	
PORTUG 2	Elementary Portuguese	(5)				RTICULATED: College has	
PORTUG 3	Elementent Dentuques	/ E \				ourse(s) for articulation RTICULATED: College has	
PORTUG 3	Elementary Portuguese	(5)				ourse(s) for articulation	
PORTUG 21	Intermediate Portuguese	(5)				RTICULATED: College has	
FORTOG ZI	intermediate Fortuguese	(3)				ourse(s) for articulation	
PORTUG 22	Intermediate Portuguese	(5)				RTICULATED: College has	
			subm:	itte	d c	ourse(s) for articulation	on
	OR					OR	
RUSSIAN 1	Elementary Russian	(5)	NO CO	OMPAI	RAB:	LE COURSE	
RUSSIAN 2	Elementary Russian		!			LE COURSE	
RUSSIAN 3	Elementary Russian					LE COURSE	
RUSSIAN 4	Intermed Russian					LE COURSE	
RUSSIAN 5	Intermed Russian	(4)	INO CO)MPAI	RAB.	LE 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 (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 (5)
			II
	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

- ${\bf x})$ 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 $\frac{\text{http:}//\text{tag.ucdavis.edu}}{\text{http:}}$ for details regarding UC Davis TAG.

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

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

College Foreign Language Requirement Note:

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

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ 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 & 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
ITALIAN 9	Reading Italian	(4) NO COMPARABLE COURSE

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

END OF MAJOR

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

Special Advising Note:

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

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

Japanese Placement Examination Note:

Students who have studied Japanese previously must take the UC Davis placement examination before enrolling in Japanese language courses at UC Davis. If placement results in duplication of articulated courses below, students might receive only subject credit, not unit credit, for UC Davis courses completed. See information related to <u>Japanese placement exams</u> and also information regarding <u>foreign language placement exams</u>. 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 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ are also available from our TAG website.

y)	JPNESE	1	Elem d	Japanese	(5)	JAPN	101		Beginning Japanese I	(5)
y)	JPNESE	2	Elem d	Japanese	(5)	JAPN	101	&	Beginning Japanese I	(5)
						JAPN	102	_	Beginning Japanese II	(5)
y)	JPNESE	3	Elem d	Japanese	(5)	JAPN	102		Beginning Japanese II	(5)
y)	JPNESE	4	Inter	Japanese	(5)	JAPN	103	&	Intermediate Japanese	(5)
						İ			I	
						JAPN	130	&	Intermediate Japanese	(2)
								_	Conversation I	
						JAPN	140		Intermediate Japanese	(2)
						ĺ			Conversation I	
y)	JPNESE	5	Inter	Japanese	(5)	JAPN	103	&	Intermediate Japanese	(5)
						ĺ		_	I	
						JAPN	130	&	Intermediate Japanese	(2)
						ĺ			Conversation I	
						JAPN	140		Intermediate Japanese	(2)
						İ			Conversation I	
y)	JPNESE	6	Inter	Japanese	(5)	NO CO	MPAI	RAB]	LE COURSE	

RECOMMENDED COURSES FOR THIS MAJOR:

JPNESE 10	Masterworks in English	(4)	NO COMPARABLE COURSE
JPNESE 25	Language & Culture (in	(4)	NO COMPARABLE COURSE
	English)		
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
Same as:	JPNESE 50		submitted course(s) for articulation
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.

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

Public Speaking OR	
COM COMM 131H Fundamentals of Public Speaking, Honors	(3)
ENGLISH 3 Intro to Lit (4) ENG 111 Critical Thinking and Composition Through Literature	l (3)
ENG 111H Critical Thinking and Composition through Literature, Honors OR OR	l (3)
UWRITING 1 Expository Writing (4) ENG 110 Composition and Reading	(3)
OR Composition and Reading, Honors OR OR	(3)
UWRITING 48 Style in the Essay Formerly UWRITING 18 OR (4) NO COURSE ARTICULATED: College has submitted course(s) for articulation of the course of the c	
UWRITING 49 Writing Research Papers (4) NO COURSE ARTICULATED: College has submitted course(s) for articulating the submitted course (s) for articulating (s) for articulating (s) for articulating (s) for articulating (s) for articulating (s) for articulating (s) for articulating (s) for articulating (s) for articulating (s) for articulating (s) for articulating (s) for articulating (s) for articulating (s	
BIOLSCI 2B Intro Biology: Ecology (5) BIOL 101 & Plant Biology & Evolution	(4)
BIOL 102 Animal Biology	(5)
ENVHORT 6 Intro Environ Plants (4) BOT 122 Flowering Plant Identification	(3)

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					
STATIST 13 Elementary Statistics	(4)	MATH 117 Elementary Statistics (4					
Same as: STATIST 13Y		OR					
		MATH 117H Elementary (4 Statistics, Honors					
		$\begin{array}{cccccccccccccccccccccccccccccccccccc$					
ENG CS 32A Intro to Programming(4)		Behavioral Sciences CS 101 Computer Concepts (4					
Formerly ENG CS 10		Computer concepts (4					
		<u>OR</u> CS 105					
		· 					
ONE COURSE FRO	OM T	HE FOLLOWING:					
CHEM 2A Genl Chemistry		CHEM 155 General Chemistry I (5					
CHEM 10 Concept of Chem		NO COMPARABLE COURSE					
PHYSICS 1A Principles Physics	(3)	PHYS 105 & General Physics (4 $ PHYS 106 General Physics$ (4					
PHYSICS 10 Topics, Nonscientists	(4)	PHYS 106 General Physics (4 PHYS 101 Conceptual Physics (3					
m) GEOLOGY 1 The Earth		ERTH 111 Dynamic Earth-Physical (3					
		Geology					
SOILSCI 10 Soils in Our	(3)	NO COMPARABLE COURSE					
Environment		 					
LND ARC 1 Intro Environ Design	(4)	NO COMPARABLE COURSE					
LND ARC 2 Place, Culture, Community		NO COMPARABLE COURSE					
LND ARC 3 Sustainable Development	(4)	NO COURSE ARTICULATED: College has not					
LND ARC 21 Landscape Rep I	(1)	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							
		NO COMPARABLE COURSE					
LND ARC 60 Landform Grading Studio							
LND ARC 70 Intro to Spacemaking	(4)	NO COMPARABLE COURSE					
Two courses in Arts and Humanities sel Articulation Agreement TB: Arts and Hu agreement)	lecto uman	ities (www.ASSIST.org 16-17					
Two courses in Social Sciences selected from the UC Davis GE/Breadth Articulation Agreement TB: Social Sciences.							

END OF MAJOR

 $\mbox{\it m})$ If a student takes ERTH 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 <u>transfer admission website</u>. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

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

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

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

TINGUIG 1 Tubus Tibus Tibus (A) INTENT 104 Tours and Gallery (2)

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 satsify 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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ are also available from our TAG website.

COMUNCN 1	Intro Public Spkg	(4)	ļ	131 OR	Fundamentals of Public Speaking	(3)
	OR		!	131н	Fundamentals of Public Speaking, Honors OR	(3)
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	COMM	121 OR	Interpersonal Communication	(3)
			!	121H	Interpersonal Communication, Honors	(3)
AGRESEC 18	Business Law	(4)	BLAW 	110	Legal Environment of Business	(4)
	rinc of Microecon rinc of Macroecon	. ,	1	101 102	Microeconomics Macroeconomics	(3)
PL SCI 21 B) ENG CS 15	Computers in Technology OR Intro to Computers		ļ		LE COURSE OR LE 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.

	11A 11B	Elem Accounting Elem Accounting	(4) (4)	ACCT ACCT	230 240	Financial Accounting Managerial Accounting	(5) (4)
MATH	16A	Short Calculus	(3)	MATH		Calculus for Biological Sciences, Social Sciences and Business I	(5)
				<u>01</u> MATH	_	Calculus with Analytic Geometry I	(5)
MATH	16B	Short Calculus	(3)	 MATH 		Calculus for Biological Sciences, Social Sciences and Business II	(3)
				<u>OI</u> MATH	_	Calculus with Analytic	(5)
					100	Geometry II	(3)
MATH	16C	Short Calculus	(3)	MATH 	131	Calculus for Biological Sciences, Social Sciences and Business II	(3)
				01	<u>R</u>		
		OR		MATH	160	Calculus with Analytic Geometry II OR	(5)
MATH	17A		i (4)	 MATH 	130	Calculus for Biological Sciences, Social Sciences and Business I	(5)
MATH	17B	Calculus for Biosc	i (4)	NO CO	OMPARABI	LE COURSE	
		OR		İ		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)
	IST 13	Elementary Stati	stics (4)	 MATH 	117	Elementary Statistics	(4)
				MATH	<u>DR</u> 117н	Elementary Statistics, Honors	(4)
				PSY	<u>OR</u> 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 $\frac{\text{highly recommended}}{\text{Preparing well for}}$ 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:

BIOLSCI	2A	Intro Biology:I	Life on	(5)	BIOL	103		Cell Biology (5.5)
BIOLSCI	2B		Ecology	(5)	 BIOL 	101	<u>&</u>	Plant Biology	(4)
					BIOL	102		Animal Biology	(5)
BIOLSCI	2C	Intro Biology: Biodiversity & of Life		(5)				Plant Biology	(4)
					BIOL	102		Animal Biology	(5)
		enl Chemistry		(5)	CHEM	155		General Chemistry I	(5)
CHEM 2B	G	enl Chemistry		(5)	CHEM	155	<u>&</u>	General Chemistry I	(5)
					CHEM	156		General Chemistry II	(5)
CHEM 2C	G 	enl Chemistry		(5)	CHEM 			General Chemistry II	(5)
MATH 16 <i>I</i>	A	Short Calculus		(3)	 			Calculus for Biological Sciences, Social Sciences and Business I	(5)
					<u>OI</u> MATH 	_		Calculus with Analytic Geometry I	(5)
MATH 16E	3	Short Calculus		(3)	MATH OF			Calculus for Biological Sciences, Social Sciences and Business II	(3)
					<u>01</u> MATH	_		Calculus with Analytic	(5)
								Geometry II	(-)
MATH 160	2	Short Calculus		(3)	MATH	131		Calculus for	(3)
								Biological Sciences,	
								Social Sciences and	
					 OF	,		Business II	
					<u> <u>01</u> MATH </u>	-		Calculus with Analytic Geometry II	(5)
MARGIT 107		OR	7 4	(4)		120		OR	/ - \
MATH 17/	A	Calculus for Bios	SC1	(4)	MA.I.H	T30		Calculus for	(5)

			 	Biological Sciences, Social Sciences and Business I	
MATH 17B	Calculus for Biosci	, ,	NO COMPARAB		
MATH 17C	Calculus for BioSci	(4)	NO COMPARAB		
	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 OR	General Physics	(4)
			· —	Introductory Physics	(4)
			PHYS 110 <u>a</u>	Introductory Physics	(4)
PHYSICS 7B	General Physics	(4)	!	General Physics	(4)
11110100 .2	001101011 111,2102	(- /	PHYS 106	General Physics	(4)
			OR	7	` ,
			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				College has not articulation
GEOLOGY 16	The Oceans	(3) NO sub	COURSE omitted	ARTICULATED: course(s) for	College has not rarticulation

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 <u>strongly recommended</u> 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.

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

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

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

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)
			BIOL			Animal Biology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life		BIOL 	101	<u>&</u>	Plant Biology	(4)
			BIOL 	102		Animal Biology	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM	155		General Chemistry I	(5)
CHEM 2B	Genl Chemistry					General Chemistry I	(5)
			CHEM	156		General Chemistry II General Chemistry II	(5)
	Genl Chemistry AND					AND	(5)
	Organic Chem-Brief		•			Organic Chemistry I	(3)
CHEM 8B	Organic Chem-Brief	(4)	NO C	OMPAF	RAB:	LE COURSE	
матн 17а	Calculus for BioSci	(4)	MATH 	130		Calculus for Biological Sciences, Social Sciences and Business I	(5)
MATH 17B	Calculus for Biosci		1			LE COURSE	
MATH 17C	Calculus for BioSci OR		İ			LE COURSE OR	
MATH 21A	Calculus	(4)	MATH	150		Calculus with Analytic Geometry I	(5)
MATH 21B	Calculus	(4)	MATH	160		Calculus with Analytic	(5)
			 			Geometry II	
PHYSICS 7A	General Physics	(4)	PHYS	105	<u>&</u>	General Physics	(4)
			PHYS			General Physics	(4)
			PHYS	110	&	Introductory Physics	(4)
			PHYS			Introductory Physics	(4)
PHYSICS 7B	General Physics	(4)	PHYS	105	۶	General Physics	(4)
	deneral inybies	(- /				General Physics	(4)

					OI	₹			
					PHYS	110	<u>&</u>	Introductory Physics	(4)
					PHYS	111		Introductory Physics	(4)
PHYSICS	7C	General	Physics	(4)	PHYS	105	<u>&</u>	General Physics	(4)
					PHYS	106		General Physics	(4)
					OI	2			
					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 submitted	ARTICULATED: course(s)for	College has not articulation
GEOLOGY 16	The Oceans		!		College has not rarticulation

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 $\frac{\text{highly recommended}}{\text{Preparing well for}}$ 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.

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 BIOL	102 101	<u>&</u>	Animal Biology Plant Biology	(5) (4)
			•			Animal Biology	
CHEM 2A (CHEM 2B (Genl Chemistry Genl Chemistry	(5) (5)	CHEM CHEM	155 155	<u>&</u>		(5) (5)
MATH 16A	Short Calculus	(3)	MATH OF			Calculus for Biological Sciences, Social Sciences and Business I	(5)
			MATH	150		Calculus with Analytic Geometry I	(5)
MATH 16B	Short Calculus	(3)	MATH OF			Calculus for Biological Sciences, Social Sciences and Business II	(3)
				_		Calculus with Analytic Geometry II	(5)
матн 16С	Short Calculus	(3)	 MATH 	131		Calculus for Biological Sciences, Social Sciences and Business II	(3)
	OR		<u>OF</u> MATH 	_		Calculus with Analytic Geometry II OR	(5)
MATH 17A	Calculus for BioSci	(4)	MATH 	130		Calculus for Biological Sciences, Social Sciences and Business I	(5)
MATH 17B MATH 17C	Calculus for Biosci Calculus for BioSci OR		!			LE COURSE LE COURSE 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)
MATH 21C	Calculus	(4)	 MATH	200		Multivariable Calculus	(4)
PHYSICS 7A	General Physics	(4)	PHYS PHYS DHYS	106	_	General Physics General Physics	(4) (4)
PHYSICS 7B	General Physics	(4)	PHYS PHYS PHYS PHYS	111 105 106	<u>&</u>	Introductory Physics Introductory Physics General Physics General Physics	(4) (4) (4) (4)

		PI	IYS	110	<u>&</u>	Introductory Physics	(4)
		PI	IYS	111		Introductory Physics	(4)
PHYSICS 7C	General Physics	(4) PI	IYS	105	<u>&</u>	General Physics	(4)
		PI	IYS	106		General Physics	(4)
			OF	<u> </u>			
		PI	IYS	110	&	Introductory Physics	(4)
		PI	IYS	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:

Life in the Sea				
		submitted	course(s)for	articulation
The Oceans	(3)	NO COURSE	ARTICULATED:	College has not
		submitted	course(s) for	r articulation
			The Oceans submitted (3) NO COURSE	submitted course(s)for

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 $\frac{\text{highly recommended}}{\text{Preparing well for}}$ 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/

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

BIOLSCI	2A	Intro Biology:I	Life on	(5)	BIOL	103		Cell Biology (5.5)
BIOLSCI	2B		Ecology	(5)	BIOL	101	<u>&</u>	Plant Biology	(4)
								Animal Biology	(5)
BIOLSCI	2C	Intro Biology: Biodiversity & of Life		(5)	BIOL	101	<u>&</u>	Plant Biology	(4)
					BIOL	102		Animal Biology	(5)
CHEM 2A	Ge	enl Chemistry		(5)	CHEM	155		General Chemistry I	(5)
CHEM 2B	Ge	enl Chemistry		(5)				General Chemistry I	
CITEM OC	a	1 Cl		/ - \				General Chemistry II	
CHEM 2C	G G	eni Cnemistry 		(5)	СНЕМ 	156 		General Chemistry II	(5)
MATH 16 <i>A</i>	2 A	Short Calculus		(3)	 			Calculus for Biological Sciences, Social Sciences and Business I	(5)
					<u>ОІ</u> МАТН	_		Calculus with Analytic	(5)
					MAIH	130		Geometry I	. (3)
MATH 16E	3 5	Short Calculus		(3)	MATH	131		Calculus for	(3)
					 			Biological Sciences, Social Sciences and	
					 01	,		Business II	
					<u>OI</u> MATH			Calculus with Analytic	(5)
								Geometry II	(5)
MATH 160	2 5	Short Calculus		(3)	MATH	131		Calculus for	(3)
								Biological Sciences,	
					 			Social Sciences and Business II	
					OI	<u> </u>			

	OR		MATH 160 	Calculus with Analytic (Geometry II OR	(5)
MATH 17A	Calculus for BioSci	(4)	 MATH 130 		(5)
MATH 17B	Calculus for Biosci	(4)	NO COMPAR	ABLE COURSE	
MATH 17C	Calculus for BioSci	(4)	NO COMPAR	ABLE COURSE	
	OR			OR	
MATH 21A	Calculus	(4)	MATH 150 	Calculus with Analytic (Geometry I	(5)
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 110		
			PHYS 110		(4)
DIIVATAA 7D	Comment Discovices	(4)	PHYS 111	2 2	(4)
PHYSICS 7B	General Physics	(4)	PHYS 105	_	(4)
			PHYS 106	General Physics ((4)
			PHYS 110	& Introductory Physics ((4)
			PHYS 111		(4)
PHYSICS 7C	General Physics	(4)	PHYS 105		(4)
	-	, ,	PHYS 106	_	(4)
			OR	•	
			PHYS 110	& Introductory Physics ((4)
			PHYS 111		(4)
Tt is highl	v recommended that gti	udents cor	mnlete an	entire physics series at	

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 submitted	ARTICULATED: course(s)for	College has not articulation
GEOLOGY 16	The Oceans				College has not rarticulation

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

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:

 ${\tt GPA}$ 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.

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 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ 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 <u>UC Davis General</u>

<u>Catalog</u> 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 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ 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 OR	(4)	 MATH 200 	Multivariable Calculus (4) OR
MATH 17A	Calculus for BioSci Calculus for Biosci	, ,	MATH 130 NO COMPARA	Calculus for (5) Biological Sciences, Social Sciences and Business I ABLE COURSE
MATH 17C	Calculus for BioSci		!	ABLE COURSE
MATH 21D MATH 22B MATH 22AL	Vector Analysis Differntl Equations Lin Alg Comp Lab	(3)	NO COURSE	Multivariable Calculus (4) Differential Equations (4) ARTICULATED: College has not 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	Linea	ır A	Algebra	à.		(4)
	AND					ANI)			
MATH 108	Intro Abstract Math	(4)	This	course	must	be	taken	at	UC I	Davis

OR SELECT THE FOLLOWING COURSE:

MATH 67	Modern Linear Algebra	(4)	1	ARTICULATED: College has course(s) for articulation	
	Intro to Programming(4) ly ENG CS 10		CS 101	Computer Concepts	(4)
			OR		
			CS 105	Theory and Practice I	(3)
ENGIN 6	Engr Prob Solving	(4)	CS 133 	Introduction to Programming for Engineers	(3)

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 <u>transfer admission website</u>. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to

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

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Transfer Admission Guarantee (TAG) Note:

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

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

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

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 21	A Calculus	(4) MATH 150 Calculus with Analytic (5)
MATH 21	B Calculus	Geometry I (4) MATH 160 Calculus with Analytic (5)
		Geometry II
MATH 210	C Calculus	(4) MATH 200 Multivariable Calculus (4)
MATH 21	D Vector Analysis	(4) MATH 200 Multivariable Calculus (4)
MATH 221	B Differntl Equations	(3) MATH 220 Differential Equations (4)
MATH 22	AL 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 Linea	ır Algebra	(4)
		AND	ĺ		AND	
MATH	108	Intro Abstract Math	(4) This	course must	be taken at U	C Davis
		OR SELECT T	HE FOLLOW	NG COURSE:		
MATH	67	Modern Linear Algebra	(4) NO CC	URSE ARTICUL	ATED: College	has not

|submitted course(s) for articulation -----

Former	ly ENG CS 10				
	OR		<u>OR</u> CS 105 	Theory and Practice I OR	(3)
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 COMPAR	ABLE 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 Baccaulaureate (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.

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

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

MATH	21A	Calculus	(4)	MATH	150	Calculus with Analytic (5)
MATH	21B	Calculus	(4)	 MATH	160	Geometry I 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 CO	OURSE	ARTICULATED: College has not
				submi	itted	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 2	22AL (r	may be ta	ken concurrently).				
	BOTH OF THE FOLLOWING COURSES:							
MATH 22A	Linear Algebra AND	(3)	MATH 210 	Linear Algebra AND	(4)			
MATH 108	Intro Abstract Math	(4)	This cou	rse must be taken at UC	Davis			
	OR SELECT	THE FO	OLLOWING	COURSE:				
MATH 67	Modern Linear Algebra	(4)	!	E ARTICULATED: College had course(s) for articula				
	Intro to Programming(4) ly ENG CS 10			Computer Concepts	(4)			
	OR		<u>OR</u> CS 105 	Theory and Practice I OR	(3)			
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 Baccaulaureate (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 <u>UC Davis General</u>

<u>Catalog</u> 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 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ 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 Line	ar 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)	1	ARTICULATED: College has course(s) for articulation	
	A Intro to Programming(4) rly 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	(3)
			İ	Programming for	
			İ	Engineers	

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

PHYSICS 9A	Classical Physics	(5)	PHYS 121 	Mechanics of Solids and Fluids	(5)
	PLAN 2: MATHEMA	TICS	FOR SECONDAR	Y TEACHING	
PHYSICS 7A	General Physics	(4)	: —	General Physics General Physics	(4) (4)
	OR		PHYS 110 & PHYS 111	Introductory Physics Introductory Physics OR	(4)
PHYSICS 9A	Classical Physics	(5)	PHYS 121	Mechanics of Solids and Fluids	(5)
STATIST 13 Same as:	OR Elementary Statistics STATIST 13Y	(4)	 MATH 117 OR	OR Elementary Statistics	(4)
			<u>5x</u> MATH 117H OR	Elementary Statistics, Honors	(4)
	OR		PSY 150	Statistics for the Behavioral Sciences OR	(4)
STATIST 32	Gateway to Data Science	(4)	NO COMPARAB: 	LE 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 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ 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 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ are also available from our TAG website.

MEDV-ST 20A Medieval Culture (5) NO COMPARATE COIDER

(3)

MEDV-ST 20A	Medieval Culture	(5) NO COMPARAB	SLE COURSE
MEDV-ST 20B	Medieval Culture	(5) NO COMPARAB	LE COURSE
	THREE COURSES	FROM THE FOLLOWI	NG:
ARTHI 1B	Mediev&Renaiss Art	(4) ART 103 &	History of Art, Prehistoric to Gothic

AKIHI IE	Medievakenaiss Ait	(4)	ARI	103	<u>∝</u>	HISCOLY OF ALL,	(3)
						Prehistoric to Gothic	
			ART	104		History of Art,	(3)
						Renaissance to Modern	
			<u> </u>	OR			
			ART	103	&	History of Art,	(3)
						Prehistoric to Gothic	
			ART	104H		History of Art,	(3)
			ĺ			Renaissance to Modern,	
			ĺ			Honors	
ARTHI 10	Baroque to Modern Art	(4)	ART	104		History of Art,	(3)
			ĺ			Renaissance to Modern	
			<u> </u>	OR			
			ART	104H		History of Art,	(3)
						Renaissance to Modern,	

				Honors
ARTHI 1E	Islamic Art &	(4)	NO COURSE	ARTICULATED: College has not
	Architecture			course(s) for articulation
COMPLIT 2	Major Books-Middle Ages to Enlightenment	(4)	ENG 231 <u>&</u> 	World Literature (3)
			ENG 232	World Literature (3)
COMPLIT 102	A Master Authors	(2)	NO COURSE	ARTICULATED: College has not
			!	course(s)for articulation
COMPLIT 10	Master Authors	(2)		ARTICULATED: College has not
			I	course(s)for articulation
COMPLIT 100	Master Authors	(2)		ARTICULATED: College has not
			1	course(s)for articulation
COMPLIT 101	Master Authors	(2)	!	ARTICULATED: College has not
			!	course(s)for articulation
COMPLIT 101	E Master Authors	(2)		ARTICULATED: College has not
			1	course(s)for articulation
n) ENGLISH		(4)	ENG 221	Survey of British (3)
	English I: To 1700			Literature
GERMAN 48	Myth & Saga			ABLE COURSE
HISTORY 4A	Western Civ	(4)	HIST 103	History of Western (3)
				Civilization
HISTORY 4B	Western Civ	(4)	HIST 103	$\underline{\&}$ History of Western (3)
				Civilization
			HIST 104	History of Western (3)
				Civilization
			OR 1122	5 (4)
			 HIST 113H	<pre>Mestern (4) Civilization: 1600 to</pre>
				Present, Honors
			HIST 104	History of Western (3)
				Civilization
HUMAN 1	Humanities Forum	(2)	!	ARTICULATED: College has not
			!	course(s) for articulation
HUMAN 9	Don Quixote	(2)		ARTICULATED: College has not
				course(s) for articulation
PHILOS 21	Phil Classics: Ancient	(4)	PHIL 200 	History of Philosophy: (3) Ancient
PHILOS 22	Phil Classics: Modern	(4)	PHIL 201	History of Philosophy: (3)
				Modern

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

 ${\rm n})$ 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 <u>strongly recommended</u> 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

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	 BIOL 	103		Cell Biology	(5.5)
BIOLSCI 2B		(5)	BIOL	101	<u>&</u>	Plant Biology	(4)
						Animal Biology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life		BIOL 	101	<u>&</u>	Plant Biology	(4)
			BIOL	102		Animal Biology	(5)
	Genl Chemistry					General Chemistry I	
CHEM 2B	Genl Chemistry	(5)	CHEM	155	<u>&</u>	General Chemistry I	(5)
			CHEM	156		General Chemistry II	(5)
	Organic Chem-Brief	(2)	CHEM	211		Organic Chemistry I	(3)
CHEM 8B	Organic Chem-Brief	(4)	NO CO	OMPAR	RAB1	LE COURSE	
	OR					OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM	211	_		
			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	S.	Organic Chemistry II	(3)
			CHEM		_	Organic Chemistry	
						Laboratory II	(2.3)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM	212	&	-	(3)
	_		:		_	Organic Chemistry	
			<u> </u>			Laboratory II	·
MATH 17A	Calculus for BioSci	(4)	MATH	130		Calculus for	(5)
						Biological Sciences,	

MATH 17B	Calculus for Biosci	(4)	 NO COM	MPARAB]	Social Sciences and Business I LE COURSE OR	
MATH 21A	Calculus	(4)	 MATH 1 	150	Calculus with Analytic Geometry I	(5)
MATH 21B	Calculus	(4)	MATH 1 	160	Calculus with Analytic Geometry II	(5)
PHYSICS 1A	Principles Physics	(3)	 PHYS 1 PHYS 1	_	General Physics General Physics	(4)
PHYSICS 1B	Principles Physics	(3)	PHYS 1 PHYS 1	105 <u>&</u>	General Physics General Physics	(4) (4)
	OR				OR	
PHYSICS 7A	General Physics	(4)	PHYS 1	105 <u>&</u>	General Physics	(4)
			PHYS 1	106	General Physics	(4)
			OR			
			PHYS 1	110 <u>&</u>	Introductory Physics	(4)
			PHYS 1		Introductory Physics	(4)
PHYSICS 7B	General Physics	(4)	PHYS 1	_	General Physics	(4)
			PHYS 1	106	General Physics	(4)
			OR			
			PHYS 1	_	Introductory Physics	(4)
			PHYS 1		Introductory Physics	(4)
PHYSICS 7C	General Physics	(4)	PHYS 1	_	General Physics	(4)
			PHYS 1	L06	General Physics	(4)
			OR 1	110 -	T 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(1)
			PHYS 1	_	Introductory Physics	(4)
			PHYS 1	ГТТ	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.

PH/DICU.

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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 CHEM 2B	Genl Chemistry Genl Chemistry Genl Chemistry	(5)	CHEM 155 General Chemistry I (5) CHEM 155 & General Chemistry I (5) CHEM 156 General Chemistry II (5) CHEM 156 General Chemistry II (5)
CHEM 8A CHEM 8B	Organic Chem-Brief Organic Chem-Brief OR		CHEM 211 Organic Chemistry I (3) NO COMPARABLE COURSE OR
CHEM 118A	_	(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
MATH 17B MATH 17C	Calculus for Biosci Calculus for BioSci OR		NO COMPARABLE COURSE NO COMPARABLE COURSE 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)
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) OR PHYS 110 & Introductory Physics (4) PHYS 111 Introductory Physics (4)
PHYSICS 7C	General Physics	(4)	PHYS 111 Introductory Physics (4) PHYS 105 & General Physics (4) PHYS 106 General Physics (4) OR
It is high	ly recommended that students	S COI	PHYS 110 & Introductory Physics (4) PHYS 111 Introductory Physics (4) mplete an entire physics series at

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

MIC BIO 91 Intro Research (1) NO COURSE ARTICULATED

·

(4) | MATH 200 Multivariable Calculus (4)

END OF MAJOR

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

Special Advising Note:

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

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

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Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

HISTORY 6 Intro to Middle East (4) NO COMPARABLE COURSE HISTORY 8 Indian Civilization (4) NO COMPARABLE COURSE

TWO YEARS (OR THE EQUIVALENT) OF ARABIC, HEBREW, OR HINDI/URDU:

ARABIC 2	Elem Arabic	(5)		ARTICULATED: College has not course(s) for articulation
ARABIC 3	Elem Arabic	(5)	NO COURSE	ARTICULATED: College has not course(s) for articulation
ARABIC 21	Intermed Arabic	(4)	NO COURSE	ARTICULATED: College has not course(s) for articulation
ARABIC 22	Intermed Arabic	(4)	NO COURSE	ARTICULATED: College has not course(s) for articulation
ARABIC 23	Intermed Arabic	(4)	NO COURSE	ARTICULATED: College has not 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)		ARTICULATED: College has not
				course(s) for articulation
HIN-URD 2	Elem Hindi/Urdu II	(5)	1	ARTICULATED: College has not
			1	course(s) for articulation
HIN-URD 3	Elem Hindi/Urdu III	(5)		ARTICULATED: College has not
			!	course(s) for articulation
HIN-URD 21	Intermed Hindi/Urdu I	(4)	!	ARTICULATED: College has not
				course(s) for articulation
HIN-URD 22	Intermed Hindi/Urdu II	(4)	!	ARTICULATED: College has not
				course(s) for articulation
HIN-URD 23	Intermed Hindi/Urdu III	(4)	!	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 &	(4)	NO COURSE ARTICULATED: College has not
	Architecture		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	(4)	NO COURSE ARTICULATED: College has not
	World		submitted course(s) for articulation
REL STD 21	The Bible	(4)	NO COMPARABLE COURSE
REL STD 23	Intro Judaism	(4)	NO COMPARABLE COURSE
REL STD 60	Introduction to Islam	(4)	NO COMPARABLE COURSE
REL STD 65C	The Qur'an and Its	(4)	NO COURSE ARTICULATED: College has not
	Interpretation		submitted course(s) for articulation
REL STD 68	Hinduism	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation

Or additional lower-division courses in a Middle Eastern or South Asian language

END OF MAJOR

====Music A.B.====

Special Advising Note:

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

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

Diagnostic Examination Note:

Students completing the program of courses below achieve a fundamental grounding in music theory, music history, and performance. Upon admission to UC Davis, students will demonstrate required proficiency through a diagnostic exam as part of their initial academic planning and advisement. Students will be scheduled for specific courses appropriate to their proficiency level.

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

MUSIC	2A	Keyboard	Competence	(2)	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

(3) MUS 102A $\underline{\&}$ Basic Musicianship (3) MUS 102B $\underline{\&}$ Basic Musicianship (3) g) MUSIC 6A Elementary Theory

g) MUSIC 6B g) MUSIC 6C	Elementary Theory Elementary Theory		MUS MUS MUS MUS MUS MUS MUS MUS	104B 102A 102B 104A 104B 102A	8 8 8 8 8	Beginning Theory Beginning Theory Basic Musicianship Basic Musicianship Beginning Theory Beginning Theory Basic Musicianship Basic Musicianship Beginning Theory Beginning Theory Beginning Theory	(3) (3) (3) (3) (3) (3) (3) (3) (3)
g) MUSIC 7A	Intermediate Theory	(3)	 MUS MUS	202A 202B 204A 204B	<u>&</u>	Musicianship Intermediate Theory	(3)
g) MUSIC 7B	Intermediate Theory	(3)	MUS MUS	204B 202A 202B 204A	<u>&</u> <u>&</u>	Musicianship Intermediate Musicianship	(3)(3)(3)
g) MUSIC 7C	Intermediate Theory	(3)	MUS MUS 	202B	<u>&</u> <u>&</u>	Intermediate Theory Intermediate Musicianship Intermediate Musicianship	(3)(3)(3)
				204A 204B		Intermediate Theory Intermediate Theory	(3) (3)
g) MUSIC 16A	Elem Musicianship	(2)	1		_	Basic Musicianship	(3)
g) MUSIC 16B	Elem Musicianship	(2)	MUS		<u>&</u>	Basic Musicianship Basic Musicianship	(3)
g) MUSIC 16C	Elem Musicianship	(2)	MUS	102B 102A 102B	<u>&</u>	Basic Musicianship	(3)
	STUDENTS MAY PASS OUT OF THROUGH EXAMINATION	ONE					(3)
g) MUSIC 17A	Intermediate Musicianship	(2)	İ	202A 202B			(3)
g) MUSIC 17B	Intermediate Musicianship	(2)	 MUS 	202A	<u>&</u>	Musicianship Intermediate Musicianship	(3)
			MUS	202B		Intermediate Musicianship	(3)
g) MUSIC 17C	Intermediate Musicianship	(2)	MUS	202A	<u>&</u>	Intermediate Musicianship	(3)
			MUS	204B			(3)
	STUDENTS MAY PASS OUT THROUGH EXAMINATION	OF O	NE OF	R MOR	E Q	UARTERS OF MUSIC 17A-C	
g) MUSIC 24A	Trans Music Higher	(3)	MUS	114A	<u>&</u>	Survey of Music	(3)
	Intro Music History	, ,	ļ			History	
	intro Music History	, ,	 MUS 	114B		Survey of Music History	(3)
g) MUSIC 24B	Intro Music History					Survey of Music History	(3)

g) MUSIC 24C	Intro Music History	(3) MUS 114A <u>&</u>	Survey of Music History	(3)
		MUS 114B	Survey of Music History	(3)

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:

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

N A STD 10	NA Experience OR	(4)	NATA 103 Native American (3) Cultural Heritage
N A STD 12			OR NO COURSE ARTICULATED: College has not submitted course(s)for articulation
	ONE OR TWO	COUR	SES FROM:
N A STD 5	Intro NA Literature	(4)	NATA 113
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		NATA 112 Native American Visual (3) and Musical Art
N A STD 34	NA Art Workshop		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	ONE OR TWO	COUR	SES FROM:
AF-AMST 12	Intro Afro Studies	(4)	NO COMPARABLE COURSE
	Afr Tradit Relig		
ANTHRO Z	Cultural Anthropology	(5)	ANTH 103 Introduction to (3) Cultural Anthropology
ANTHRO 20	Comparative Cultures	(4)	ANTH 109 Comparative World (3) Cultures
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 (3) Asian-American History, 1849 to 1965
A A STD 2	Contemp Issues of Asian Americans	(4)	ASAM 102 Contemporary (3) Asian-American History
A A STD 4		(4)	NO COURSE ARTICULATED: College has not
CHICANO 10	Studies Intro to Chic Std	(1)	submitted course(s) for articulation CHST 102
CHICANO IO	intro to thie sta	(4)	in U.S. History from the 1960s to the Present
			OR
			CHST 103 Mexican-American (3) (Chicano) Culture
CHICANO 21	Hlth Care Issues	(4)	NO COMPARABLE COURSE
CHICANO 23	Qualitative Research		NO COURSE ARTICULATED: College has not
	Methods		submitted course(s) for articulation
COMPLIT 25 CM&RGDE 2	Ethnic Writers Ethnicity Amer Comm	. ,	NO COMPARABLE COURSE NO COMPARABLE COURSE
ENV S&P 10	Current Issues in		NO COMPARABLE COURSE
	Environment		
	Loud to the local to 100 Notice to 100 Notic		ents 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 (3)
LINGUIS 1	Intro Linguistics	(4)	ANTH 104 Language and Culture (3)

====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 <u>strongly recommended</u> 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 <u>UC Transfer</u>

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.

BIOLS	SCI 2A	Intro Biology:Life on Earth	(5)	BIOL	103		Cell Biology	(5.5)
BIOLS	SCI 2B		(5)	BIOL	101	<u>&</u>	Plant Biology	(4)
				BIOL	102		Animal Biology	(5)
BIOLS	SCI 2C	Intro Biology: Biodiversity & the Tree of Life		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					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		!			Organic Chemistry I	(3)
CHEM	8B	Organic Chem-Brief	(4)	NO CO		RAB:	LE COURSE	
		OR					OR	
CHEM	118A	Org Chem, Hlth & Sci	(4)	•		_		(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	(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 	222		Organic Chemistry Laboratory II	(2.5)
MATH	17A	Calculus for BioSci	(4)	 MATH	130		Calculus for	(5)
				İ			Biological Sciences,	

				Social Sciences and Business I	
MATH 17B	Calculus for Biosci	` '		ABLE COURSE	
MATH 17C	Calculus for BioSci	(4)	NO COMPARA	ABLE COURSE	
	OR			OR	
MATH 21A	Calculus	(4)	MATH 150 	Calculus with Analytic Geometry I	(5)
MATH 21B	Calculus	(4)	MATH 160	Calculus with Analytic	(5)
			 	Geometry II	
PHYSICS 7A	General Physics	(4)	PHYS 105 8	& 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

====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 $\frac{\text{highly recommended}}{\text{major chemistry before transferring}}$. 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 <u>transfer admission website</u>. 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 $\frac{\text{General Catalog}}{\text{AP}}$. Quick reference charts for $\frac{\text{AP}}{\text{AP}}$ and $\frac{\text{IB}}{\text{AP}}$ 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)
				BIOL	102	Animal Biology	(5)
BIOLSCI	2C	<pre>Intro Biology: Biodiversity & the Tree of Life</pre>	(5)	BIOL	101 <u>&</u>	Plant Biology	(4)
				BIOL	102	Animal Biology	(5)
CHEM 2A	Gei	nl Chemistry	(5)	CHEM	155	General Chemistry I	(5)

CHEM	2B	Genl Chemistry	(5)				General Chemistry I (5) General Chemistry II (5)
CHEM	2C	Genl Chemistry	(5)	1			General Chemistry II (5)
CHEM	8A	Organic Chem-Brief	(2)	CHEM	211		Organic Chemistry I (3)
CHEM	8B	Organic Chem-Brief	(4)	NO C	OMPA	RAE	BLE COURSE
		OR					OR
CHEM	118A	Org Chem, Hlth & Sci	(4)				Organic Chemistry I (3)
				CHEM	221		Organic Chemistry (2.3)
							Laboratory I
CHEM	118B	Org Chem, Hlth & Sci	(4)	CHEM	211	<u>&</u>	-
				CHEM	221	<u>&</u>	-
							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)
				İ			Experimental Design in
				İ			Psychology
		OR		İ			OR
SOCIO	L 46A	Intro Social Rsch	(4)	SOC	115		Introduction to Social (3)
				İ			Research
						 L -	
	ine	remaining preparatory subjection year				Dē	ised on which
		major option y	ou c	noose	•		

	NUTRITIONAL	L BIO	LOGY OPTION	:	
ANTHRO 2	Cultural Anthropology OR	(5)	ANTH 103 	Introduction to Cultural Anthropology OR	(3)
PSYCH 1		(4)	 PSY 100 OR	General Psychology	(3)
			PSY 100H	General Psychology, Honors	(4)
	OR			OR	
SOCIOL 1	Intro Sociology	(5)	SOC 101 	Introduction to Sociology	(3)
	OR			OR	(0)
SOCIOL 3	Social Problems	(4)	SOC 109	Social Problems	(3)
MATH 16A	Short Calculus	(3)	MATH 130 	Calculus for Biological Sciences, Social Sciences and Business I	(5)
			OR 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)
			<u>OR</u> MATH 160 	Calculus with Analytic Geometry II	(5)

PHYSICS 1A	Principles Physics	(3)		<u>&</u> General Physics	(4)
			PHYS 106		(4)
PHYSICS 1B	Principles Physics	(3)	PHYS 105	$\underline{\&}$ General Physics	(4)
			PHYS 106	General Physics	(4)
	NUTRITION IN	PUBL	IC HEALTH	OPTION:	
ANTHRO 2	Cultural Anthropology	(5)	ANTH 103	Introduction to	(3)
	1 31	, ,	İ	Cultural Anthropology	, ,
	OR			OR	
SOCIOL 1	Intro Sociology	(5)	SOC 101	Introduction to	(3)
	51	, ,	İ	Sociology	. ,
	OR		j	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,	(4)
				Honors	
TOWED-D	TUTCTON DIECTIVEC DV ADEA	 ⊑∩D TI	 טי אווייסדיי	ON IN PUBLIC HEALTH OPTIO	
_	al and Health Policy Area:	FOR I	HE NOIKII	ION IN FUBLIC REALITY OFFICE	14 •
	Pop, Envr, World Agri	(4)	NO COMPA	RABLE COURSE	
	iversity and Community Cha				
AMR STD 55		(4)		E ARTICULATED: College has	
	: FD S&T 55		1	d course(s) for articulati	on
	Ethnicity Amer Comm			RABLE COURSE	
INT AG 10	Intro Intl Ag	(4)	NO COMPA	RABLE COURSE	
	Development				
Natural and	d Applied Sciences Area:				
CM&RGDE 20		(4)	NO COURS	E ARTICULATED: College has	not
223021022 20		(- /		d course(s)for articulatio	
PHILOS 15	Intro to Bioethics	(4)		RABLE COURSE	
SCI&SOC 2	Feeding the Planet			E ARTICULATED: College has	not
		, 5 /		d course(s) for articulati	
END OF MAJO	OR			. ,	

====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.

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 Baccaulaureate (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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ are also available from our TAG website.

CHEM 2A	Genl Chemistry		CHEM 155	-	(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 COMPAE	RABLE COURSE	
CHEM 2BH	-	` '	!	RABLE COURSE	
_	Honors Genl Chemistry	, ,	1		
CHEM 2CH	Honors Genl Chemistry	(5)	NO COMPAR	RABLE COURSE	
PHYSICS 7A	General Physics	(4)	!	& 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		(4)
11110100 /2		(- /	PHYS 106	_	(4)
			OR	deneral inysies	(1)
			! —	C Trabasadus abassas Dhasadas	(1)
			PHYS 110		(4)
			PHYS 111	2 2	(4)
PHYSICS 7C	General Physics	(4)	PHYS 105	& General Physics	(4)
			PHYS 106	General Physics	(4)
			OR		
			PHYS 110	& Introductory Physics	(4)
			PHYS 111		(4)
It is highl	y recommended that student	s cor		2 2	,
10 10 1119111	ly recommended ende beddene		mpiccc an	cherre physics series ac	

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	-	(5)
MATH 16A	Short Calculus	(3)	MATH OF		Calculus for Biological Sciences, Social Sciences and Business I	(5)
			MATH 	_	Calculus with Analytic Geometry I	(5)
MATH 16B	Short Calculus	(3)	MATH		Calculus for Biological Sciences, Social Sciences and Business II	(3)
			MATH	160	Calculus with Analytic Geometry II	(5)
MATH 16C	Short Calculus	(3)	MATH		Calculus for Biological Sciences, Social Sciences and Business II	(3)
	OR		<u>OF</u> MATH 	_	Calculus with Analytic Geometry II OR	(5)
MATH 17A	Calculus for BioSci	(4)	MATH	130	Calculus for Biological Sciences,	(5)

MATH 17B MATH 17C	Calculus for Biosci Calculus for BioSci		NO COMPARA	BLE COURSE
MATH 21A	OR Calculus	(4)	 MATH 150	OR Calculus with Analytic (5) Geometry I
MATH 21B	Calculus	(4)	 MATH 160 	Calculus with Analytic (5) Geometry II
MATH 21C	Calculus	(4)	•	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) OR
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life		BIOL 101 &	Plant Biology (4)
			 BIOL 102	Animal Biology (5)
	Elementary Statistics STATIST 13Y	(4)	MATH 117 	Elementary Statistics (4)
	21111221 201		OR	
			MATH 117H 	Elementary (4) Statistics, Honors
			<u>OR</u> PSY 150	
	OR			Behavioral Sciences OR
STATIST 32	Gateway to Data Science	(4)	NO COMPARA	BLE COURSE
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) Organic Chemistry (2.3)
			CHEM 221 &	Organic Chemistry (2.3) Laboratory I
			· —	Organic Chemistry (2.3)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 221 & CHEM 212 & CHEM 222 CHEM 212 & CHE	Organic Chemistry (2.3) Laboratory I Organic Chemistry II (3) Organic Chemistry (2.5) Laboratory II Organic Chemistry II (3)
CHEM 118C		(4)	CHEM 221 & CHEM 212 & CHEM 222	Organic Chemistry (2.3) Laboratory I Organic Chemistry II (3) Organic Chemistry (2.5) Laboratory II Organic Chemistry II (3) Organic Chemistry II (3) Laboratory II
	OR		CHEM 221 &	Organic Chemistry (2.3) Laboratory I Organic Chemistry II (3) Organic Chemistry (2.5) Laboratory II Organic Chemistry II (3) Organic Chemistry (2.5) Laboratory II OR
CHEM 118C CHEM 128A CHEM 128B		(3)	CHEM 221 & CHEM 212 & CHEM 222 CHEM 212 & CHE	Organic Chemistry (2.3) Laboratory I Organic Chemistry II (3) Organic Chemistry (2.5) Laboratory II Organic Chemistry II (3) Organic Chemistry II (3) Corganic Chemistry II (2.5) Laboratory II OR Organic Chemistry I (3) Organic Chemistry I (3) Organic Chemistry I (3)
CHEM 128A CHEM 128B	OR Organic Chemistry Organic Chemistry	(3)	CHEM 221 & & CHEM 212 & & CHEM 222 CHEM 222 CHEM 221 CHEM 211 CHEM 211 & & CHEM 212 & CHEM 212 CHEM 212	Organic Chemistry (2.3) Laboratory I Organic Chemistry II (3) Organic Chemistry (2.5) Laboratory II Organic Chemistry II (3) Organic Chemistry II (3) Corganic Chemistry I (2.5) Laboratory II OR Organic Chemistry I (3) Organic Chemistry I (3) Organic Chemistry I (3) Organic Chemistry II (3)
CHEM 128A CHEM 128B	OR Organic Chemistry Organic Chemistry Organic Chemistry	(3) (3)	CHEM 221 &	Organic Chemistry (2.3) Laboratory I Organic Chemistry II (3) Organic Chemistry (2.5) Laboratory II Organic Chemistry II (3) Organic Chemistry II (2.5) Laboratory II OR Organic Chemistry I (3) Organic Chemistry I (3) Organic Chemistry I (3) Organic Chemistry II (3) Organic Chemistry II (3) Organic Chemistry II (3)
CHEM 128A CHEM 128B	OR Organic Chemistry Organic Chemistry	(3) (3)	CHEM 221 & & CHEM 212 & & CHEM 222 CHEM 222 CHEM 221 CHEM 211 CHEM 211 & & CHEM 212 & CHEM 212 CHEM 212	Organic Chemistry (2.3) Laboratory I Organic Chemistry II (3) Organic Chemistry (2.5) Laboratory II Organic Chemistry II (3) Organic Chemistry II (3) Corganic Chemistry I (2.5) Laboratory II OR Organic Chemistry I (3) Organic Chemistry I (3) Organic Chemistry I (3) Organic Chemistry II (3)
CHEM 128A CHEM 128B	OR Organic Chemistry Organic Chemistry Organic Chemistry	(3) (3) (3) (2)	CHEM 221 &	Organic Chemistry (2.3) Laboratory I Organic Chemistry II (3) Organic Chemistry (2.5) Laboratory II Organic Chemistry II (3) Organic Chemistry (2.5) Laboratory II OR Organic Chemistry I (3) Organic Chemistry I (3) Organic Chemistry I (3) Organic Chemistry II (3) Organic Chemistry II (3) Organic Chemistry II (3) Organic Chemistry II (3) Organic Chemistry II (3) Laboratory I
CHEM 128A CHEM 128B CHEM 128C CHEM 129A	OR Organic Chemistry Organic Chemistry Organic Chemistry Organic Chem Lab	(3) (3) (3) (2)	CHEM 221 & CHEM 212 & CHEM 222 CHEM 222 CHEM 211 CHEM 211 & CHEM 212 CHEM 212 CHEM 212 CHEM 221 CHE	Organic Chemistry (2.3) Laboratory I Organic Chemistry II (3) Organic Chemistry (2.5) Laboratory II Organic Chemistry II (3) Organic Chemistry (2.5) Laboratory II OR Organic Chemistry I (3) Organic Chemistry I (3) Organic Chemistry I (3) Organic Chemistry II (3) Organic Chemistry II (3) Organic Chemistry II (3) Organic Chemistry II (3) Organic Chemistry II (3) Organic Chemistry II (3) Organic Chemistry II (3) Organic Chemistry II (3) Organic Chemistry (2.3) Laboratory I Organic Chemistry (2.3)

END OF MAJOR

Transfer students are strongly advised to complete as many preparatory courses as possible for their 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 $\frac{\text{General Catalog}}{\text{Constant}}$. Quick reference charts for $\frac{\text{AP}}{\text{Constant}}$ and $\frac{\text{IB}}{\text{Constant}}$ 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 Philosophy	n to	(3)
					 	OR PHIL 201	History of Modern	Philosophy:	(3)

		<u>OR</u> PHIL 20 	History of Philosophy: (3) Contemporary
	b. ANCIE	ENT PHILOSON	<u>РНҮ</u>
PHILOS 21 Ph	nil Classics: Ancient	(4) PHIL 20	OO History of Philosophy: (3) Ancient
	c. EARLY MO	DERN PHILOS	БОРНҮ
PHILOS 22 Pl	nil Classics: Modern	(4) PHIL 20	History of Philosophy: (3) Modern
	d. PHILOS	SOPHY OF MIN	ND
PHILOS 13G	Minds, Brains Comp w/Disc		RSE ARTICULATED:College has not ted course(s)for articulation
	e.	ETHICS:	
h) PHILOS 14	Eth Soc Prob in Soc	(4) PHIL 10	Introduction to (3) Ethics
		<u>OR</u> PHIL 10	OlH Introduction to (4) Ethics, Honors
PHILOS 15	OR Intro to Bioethics	(4) NO COME	OR PARABLE COURSE
PHILOS 24	OR Intro to Ethics	(4) PHIL 10	OR OI Introduction to Ethics (3)
	f. PHILOSON	PHY OF SCIEN	NCE
PHILOS 30	Intro Philos of Sci	(4) NO COME	PARABLE COURSE
PHILOS 31	OR Scientific Reason OR	(4) NO COME	OR Parable course Or
PHILOS 32		(4) PHIL 20	History and Philosophy (3) of the Great Ideas of Physics
PHILOS 38	OR Intro Philos of Biol g. PHILOSON	(4) NO COME PHY OF LANGE	OR PARABLE COURSE
PHILOS 17	World	submitt	RSE ARTICULATED: College has not ted course(s) for articulation
	ONE COURSE FRO	LAW EMPHASIS OM THE FOLLO	
h) PHILOS 14	Eth Soc Prob in Soc	į	Introduction to (3) Ethics
PHILOS 15 PHILOS 16	Intro to Bioethics Phil Foundations of Amer Democ	(4) NO COUP	Ethics, Honors

ALL OF THE FOLLOWING COURSES:

d) PHILOS 12	Critical Reasoning Intro to Symbol Logic Intro to Ethics	(4) PHIL 205	Introduction to Logic (3) Introduction to Logic (3) Introduction to Ethics (3)								
PRE-MED EMPHASIS:											
ONE COURSE FROM THE FOLLOWING:											
PHILOS 24 PHILOS 30 PHILOS 31	Intro to Ethics Intro Philos of Sci Scientific Reason	(4) PHIL 101 (4) NO COMPARAB (4) NO COMPARAB									
PHILOS 32	Scientific Change	(4) PHIL 204	History and Philosophy (3) of the Great Ideas of Physics								
	ALL OF THE F	 OLLOWING COURSES	:								
d) PHILOS 12	Intro to Symbol Logic	(4) PHIL 205	Introduction to Logic (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.

PHILOS 15 Intro to Bioethics (4) NO COMPARABLE COURSE PHILOS 38 Intro Philos of Biol (4) NO COMPARABLE COURSE

- 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 Baccaulaureate (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 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ are also available from our TAG website.

PHYSICS 9	9A	Classica	al Physics	(5)	PHYS 	121	Mechanio		olids	(5)
PHYSICS 9	9B	Classica	al Physics	(5)	 PHYS 	123			d Modern	(5)
PHYSICS 9	9C	Classica	al Physics	(5)	PHYS	122	Electric Magnetis	_	d	(5)
PHYSICS 9	9D	Modern F	hysics	(4)	NO C	OMPARAB:	LE COURSE]		
		OR					OF	₹		
PHYSICS 9	9на	Honors	Physics	(5)	NO C	OMPARAB:	LE COURSE]		
PHYSICS 9	9нв	Honors	Physics	(5)	NO C	OMPARAB:	LE COURSE]		
PHYSICS 9	9HC	Honors	Physics	(5)	NO C	OMPARAB:	LE COURSE]		
PHYSICS 9	9HD	Honors	Physics	(5)	NO C	OMPARAB:	LE COURSE	3		
PHYSICS 9	9HE	Honors	Physics	(5)	NO C	OMPARAB:	LE COURSE	: 		
MATH 21A	 (Calculus		(4)	- MATH 	150	Calculus Geometry		Analytic	(5)
MATH 21B	(Calculus		(4)	MATH	160	Calculus	s 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)	HTAM	220	Differential Equations (4)
PHYSICS 80	Experimental Techniques	(4)	NO CC	OURSE .	ARTICULATED

END OF MAJOR

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

Special Advising Note:

Transfer students are strongy advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is highy 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 Baccaulaureate (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 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ are also available from our TAG website.

PHYSICS 9A	Classical Physics	(5)	PHY 	S 121	Mechanics of Solids (and Fluids	5)
PHYSICS 9B	Classical Physics	(5)	 РНҮ 	S 123	Heat, Light and Modern (Physics	5)
PHYSICS 9C	Classical Physics	(5)	PHY 	S 122	Electricity and (Magnetism	5)
PHYSICS 9D	Modern Physics	(4)	NO	COMPARA	ABLE COURSE	
	OR				OR	
PHYSICS 9HA	Honors Physics	(5)	NO	COMPARA	ABLE COURSE	
PHYSICS 9HB	Honors Physics	(5)	NO	COMPARA	ABLE COURSE	
PHYSICS 9HC	Honors Physics	(5)	NO	COMPARA	ABLE COURSE	
PHYSICS 9HD			NO	COMPARA	ABLE COURSE	
PHYSICS 9HE	Honors Physics	(5)	NO	COMPARA	ABLE COURSE	
MATH 21A	Calculus	(4)	MAT 	н 150	Calculus with Analytic (Geometry I	5)
MATH 21B	Calculus	(4)	MAT	н 160	Calculus with Analytic (5)
			İ		Geometry II	
MATH 21C	Calculus	(4)	MAT	н 200	Multivariable Calculus (4)
MATH 21D	Vector Analysis	(4)	MAT	н 200	Multivariable Calculus (4)
MATH 22A	Linear Algebra	(3)	MAT	н 210	Linear Algebra (4)
MATH 22B	Differntl Equations	(3)	MAT	н 220	Differential Equations (4)
PHYSICS 40	Intr Physics Computation	(4)	 NO	COURSE	ARTICULATED	
PHYSICS 80	Experimental Techniques					
	-	•	İ			
			'			

ASTROPHYSICS EMPHASIS

Preparatory subject matter for the B.S. Astrophyics Emphasis is the same as that listed above. In addition, the following course is RECOMMENDED but not required:

ASTRON 25	Intro to Modern	(4) NO COMPARABLE COURSE
	Astronomy & Astrophy	

END OF MAJOR

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 ${\tt UC}$ Davis decides 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

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

AP and IB examination credit policies 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)
			BIOL	102		Animal Biology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 	101	<u>&</u>	Plant Biology	(4)
			BIOL	102		Animal Biology	(5)
CHEM 2A G	enl Chemistry	(5)	CHEM	155		General Chemistry I	(5)
	enl Chemistry					General Chemistry I	
			CHEM	156		General Chemistry II	(5)
	rganic Chem-Brief	(2)	CHEM	211		Organic Chemistry I	(3)
CHEM 8B O	rganic Chem-Brief 	(4)	NO C	AGMC	RABI	LE COURSE	
	Elementary Statistics STATIST 13Y	(4)	MATH 	117		Elementary Statistic	s (4)
			_	OR		_	
			MATH	117E	H	Elementary	(4)
				3 D		Statistics, Honors	
			_	<u>OR</u>			

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

<u>Admission webpage</u>. In order to receive priority consideration it 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 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ 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 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ are also available from our TAG website.

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL	103		Cell Biology	(5.5)
BIOLSCI 2E		(5)	 BIOL 	101	<u>&</u>	Plant Biology	(4)
						Animal Biology	(5)
BIOLSCI 20	Intro Biology: Biodiversity & the Tree of Life		BIOL 	101	<u>&</u>	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 CHEM 8B	Organic Chem-Brief Organic Chem-Brief					Organic Chemistry I LE COURSE	(3)
	OR					OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM	211	<u>&</u>	Organic Chemistry I	
			CHEM	221		Organic Chemistry	(2.3)
						Laboratory I	(0)
CHEM 118B	Org Chem, Hlth & Sci	(4)	!		_	Organic Chemistry I	
			CHEM	221	<u>&</u>	Organic Chemistry	(2.3)
						Laboratory I	
					_	Organic Chemistry II	
			CHEM	222		Organic Chemistry	(2.5)

CHEM 118C	Org Chem, Hlth & Sci	(4)	 CHEM 212 & CHEM 222	Laboratory II Organic Chemistry II (Organic Chemistry (2. Laboratory II	
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 COMPARAB	LE COURSE	
MATH 17C	Calculus for BioSci	(4)	NO COMPARAB	LE COURSE	
	OR			OR	
MATH 21A	Calculus	(4)	MATH 150 	Calculus with Analytic (Geometry I	5)
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)
			<u>OR</u>		
			PHYS 110 &		4)
			PHYS 111		4)
PHYSICS 7B	General Physics	(4)	: -	-	4)
			PHYS 106	General Physics (4)
			<u>OR</u>		
			PHYS 110 &	<u> </u>	4)
			PHYS 111	2 2 .	4)
PHYSICS 7C	General Physics	(4)	· —	-	4)
			PHYS 106	General Physics (4)
			OR 110 c	Introductory Dhygica /	1)
			DUVC 111 <u>&</u>	- -	4)
T 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1			incroductory Physics (1 /

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

RECOMMENDED 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 $\frac{\text{highly recommended}}{\text{Preparing well for}}$ 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

Transfer Admission Guarantee (TAG) Note:

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 $\underline{\tt General\ Catalog}$. Quick reference charts for $\underline{\tt AP}$ and $\underline{\tt IB}$ are also available from our TAG website.

avallable	from our TAG website.		
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 103 Cell Biology (5.5)
BIOLSCI 2B		(5)	BIOL 101 & Plant Biology (4)
			BIOL 102 Animal Biology (5)
PL SCI 2	Bot Physio Cul Plt	(4)	
CHEM 2A CHEM 2B	Genl Chemistry Genl Chemistry	(5)	CHEM 155 General Chemistry I (5) CHEM 155 & General Chemistry I (5) CHEM 156 General Chemistry II (5) CHEM 156 General Chemistry II (5)
CHEM 2C	Genl Chemistry	(5)	CHEM 156 General Chemistry II (5)
CHEM 8A			CHEM 211 Organic Chemistry I (3)
CHEM 118A		(4)	CHEM 211 & Organic Chemistry I (3) CHEM 221 Organic Chemistry (2.3) Laboratory I
CHEM 118B	Org Chem, Hlth & Sci	(4)	·
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 222 Organic Chemistry (2.5) Laboratory II 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
			<u>OR</u> MATH 150 Calculus with Analytic (5)
MATH 16B	Short Calculus	(3)	Geometry I MATH 131
	OR		<u>OR</u> MATH 160 Calculus with Analytic (5) Geometry II OR
MATH 17A	Calculus for BioSci	(4)	MATH 130 Calculus for (5) Biological Sciences, Social Sciences and Business I
МАТН 17В	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 OR	(3)	PHYS 106 General Physics (4) PHYS 105 & General Physics (4) PHYS 106 General Physics (4) OR
PHYSICS 7A		(4)	PHYS 105 & General Physics (4) PHYS 106 General Physics (4) OR
			PHYS 110 & Introductory Physics (4)

PHYSICS	7в	General	Physics	(4)	PHYS PHYS PHYS	105	<u>&</u>	Introductory Physics General Physics General Physics	(4) (4) (4)
PHYSICS	7C	General	Physics	(4)	<u>OI</u> PHYS PHYS PHYS PHYS	110 111 105	_	Introductory Physics Introductory Physics General Physics General Physics	(4) (4) (4) (4)
					<u>OI</u> PHYS PHYS	110	<u>&</u>	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.

ABIOSYT 49	Fld Equip Oper	(2)	NO COMPARABLE COURSE
	OR		OR
PL SCI 49	Org Crop Prod Prac		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	COURSES FOR T	THE CROP	PRODUCTION OPTION:
ECON 1A	Princ of Microecon	(4)	ECON 101 Microeconomics (3)

OR OR

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

END OF MAJOR

====Political Science - Public Service A.B.====

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

College Foreign Language Requirement Note:

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

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

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

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

THREE COURSES FROM THE FOLLOWING:

POL SCI 2 POL SCI 3	Intro Comp Politics Internatl Relations	(4)	POLS 131	International Politics	
POL SCI 4	Bas Cnpt/Pol Thry		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)		ARTICULATED: College has course(s) for articulation	

ONE COURSE FROM THE FOLLOWING:

POL SCI 12Y Data Visualization (4) NO COURSE ARTICULATED: College has not Same as: COMUNCN 12Y, PSYCH 12Y submitted course(s) for articulation

SOCIOL 12Y

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

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

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

END OF MAJOR

====Political Science A.B.====

Special Advising Note:

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

Advanced Discount (AD)and Intermedianal Description (ID) Exemination Nata

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 $\frac{\text{General Catalog}}{\text{available from our TAG website.}}$

		THREE COURSES	FROM THE FOLLOWING:				
POL SCI	1	Amer Natl Govt	(4) POLS 101	American Government	(3)		
				and Politics			
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 Go and Polition		(3)
POL	SCI	2	Intro Comp Politics	(4)	POLS	131	Comparative	e Politics	(3)
POL	SCI	3	Internatl Relations	(4)	POLS	121	Internation	nal Politics	(3)
POL	SCI	4	Bas Cnpt/Pol Thry	(4)	POLS	132	Political 7	Thinking	(3)
POL	SCI	5	Probs/Am Pol Sys	(4)	POLS	104	American Go	overnment:	(3)
							Policy Issu	ues /	
							Process		
POL	SCI	7	Law & Politics	(4)	POLS	151	Law and Soc	ciety	(3)
POL	SCI	11A	America Decides	(4)	NO CO	URSE	ARTICULATED:	College has	not
					submi	tted	course(s)for	articulation	n
POL	SCI	11B	Citizen Lawmaking	(4)	NO CO	URSE	ARTICULATED:	College has	not
					submi	tted	course(s)for	articulation	n
POL	SCI	11C	Politics & Film	(4)	NO CO	URSE	ARTICULATED:	College has	not
					submi	tted	course(s)for	articulation	n
POL	SCI	11D	Political Persuasion	(4)	NO CO	URSE	ARTICULATED:	College has	not

POL SCI 12A Politics & Sports	submitted course(s)for articulation (4) NO COURSE ARTICULATED: College has submitted course(s)for articulation	not
POL SCI 12B Climate Chg & Politics	(4)	
POL SCI 51 Scientific Study of Politics	(4) NO COURSE ARTICULATED: College has submitted course(s) for articulation	
POL SCI 12Y Data Visualization Same as: COMUNCN 12Y, PSYCH 12Y sub SOCIOL 12Y OR	(4) NO COURSE ARTICULATED: College has omitted course(s) for articulation OR	not
STATIST 13 Elementary Statistics Same as: STATIST 13Y	(4) MATH 117 Elementary Statistics OR	(4)
	MATH 117H Elementary Statistics, Honors OR	(4)
OR	PSY 150 Statistics for the Behavioral Sciences	(4)
STATIST 32 Gateway to Data Science (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
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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 <u>requirements for admission</u> (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 PSY 200	General Psychology, Honors Research Methods and Experimental Design in Psychology	(4)
	Elementary Statistics STATIST 13Y	(4)	 MATH 117	Elementary Statistics	(4)
Sallie as.	STATIST 131		OR		
			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	5.5)
	OR A COMB	INAT	ION OF		
BIOLSCI 10	Everyday Biology	(4)	BIOL 100	Concepts of Biology	(4)
	AND ONE C	OURS	E FROM		
ANTHRO 1	Human Evol Biol	(4)	ANTH 101	Physical Anthropology	(3)
			ANTH 101H	Physical Anthropology, Honors	(4)
	OR		ļ	OR	
MOL&CB 10	Intro Human Heredity OR	(4)	NO COMPARA	BLE COURSE OR	
NE PH B 10	Elem Human Physio	(3)	 BMS 100 OR		(4)
			BMS 108	Human Physiology	(4)

====Psychology B.S. (Biological)====

Special Advising Note:

END OF MAJOR

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 $\frac{\text{http://tag.ucdavis.edu}}{\text{http://tag.ucdavis.edu}} \text{ for details regarding UC Davis TAG.}$

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

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ are also available from our TAG website.

______ PSYCH 1 General Psychology (4) PSY 100 General Psychology (3) 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 MATH 117H Elementary (4) Statistics, Honors PSY 150 Statistics for the Behavioral Sciences ______ (3) | MATH 130 Calculus for MATH 16A Short Calculus Biological Sciences, Social Sciences and Business I MATH 150 Calculus with Analytic (5) Geometry I (3) | MATH 131 Calculus for (3) MATH 16B Short Calculus 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 MATH 21A Calculus (4) MATH 150 Calculus with Analytic (5) Geometry I (4) MATH 160 Calculus with Analytic (5) Geometry II MATH 21B Calculus PHYSICS 10 Topics, Nonscientists (4) PHYS 101 Conceptual Physics (3) OR PHYSICS 10C Physics of California (3) NO COURSE ARTICULATED: College has not | submitted course(s) for articulation OR PHYSICS 7A General Physics (4) PHYS 105 & General Physics PHYS 106 General Physics (4) PHYS 110 & Introductory Physics (4) PHYS 111 Introductory Physics (4) (4) PHYS 105 & General Physics (4) PHYSICS 7B General Physics PHYS 106 General Physics 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)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL	101	<u>&</u>	Plant Biology	(4)
			BIOL	102		Animal Biology	(5)
BIOLSCI 2C	Intro Biology:	(5)	BIOL	101	&	Plant Biology	(4)
	Biodiversity & the Tree of Life		<u> </u> 		_		
			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 CO	IAPMC	RAB:	LE COURSE	
	OR					OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM	211	&	Organic Chemistry I	(3)
			CHEM	221		Organic Chemistry	(2.3)
			İ			Laboratory I	
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM	211	&	Organic Chemistry I	(3)
			CHEM	221	&	Organic Chemistry	(2.3)
			İ		_	Laboratory I	
			CHEM	212	&	Organic Chemistry II	(3)
			CHEM	222		Organic Chemistry	(2.5)
			İ			Laboratory II	
	OR					OR	
CHEM 128A	Organic Chemistry	(3)	CHEM	211		Organic Chemistry I	(3)
CHEM 128B	Organic Chemistry	(3)	CHEM	211	<u>&</u>	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 Biological Sciences 10 and one course from: Anthropology 1 or Molecular and Cellular Biology 10 or Neurobiology, Physiology and Behavior 10

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

				<u>R</u>	Coronal Danahalam.	(1)
			PSY 	IUUH	General Psychology, Honors	(4)
PSYCH 41	Research Methods	(4)	PSY 	200	Research Methods and Experimental Design in Psychology	(4)
	Elementary Statistics STATIST 13Y	(4)	į		Elementary Statistics	(4)
			1	<u>OR</u> 117н	Elementary	(4)
			į	OR	Statistics, Honors	
				<u>0R</u> 150	Statistics for the	(4)
			 		Behavioral Sciences	
MATH 21A	Calculus	(4)	MATH	150	-	(5)
MATH 21B	Calculus	(4)	 матн	160	Geometry I Calculus with Analytic	(5)
111111 212	Gargarab		İ		Geometry II	
MATH 21C	Calculus	(4)	MATH 	200	Multivariable Calculus	(4)
	Programming	(4)	CS 1	37	C Programming	(3)
Formerly	ENG CS 30		 		OR	
	Intro to Programming(4) y ENG CS 10		CS 1	01	Computer Concepts	(4)
			OR			
			CS 1	05	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	
OR		OR	
CHEM 2A Genl Chemistry			(5)
CHEM 2B Genl Chemistry	(5)	CHEM 155 & General Chemistry I	(5)
-		_	(5)
OR		OR	
CHEM 2AH Honors Genl Chemistry	(5)	NO COMPARABLE COURSE	
CHEM 2BH Honors Genl Chemistry	(5)	NO COMPARABLE COURSE	
		' 	
PHYSICS 10 Topics, Nonscientists	(4)	PHYS 101 Conceptual Physics	(3)
OR	. ,	OR	` '
PHYSICS 10C Physics of California	(3)	NO COURSE ARTICULATED: College has	not
-		submitted course(s)for articulation	
OR		OR	
PHYSICS 7A General Physics	(4)	PHYS 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.

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

OR A COMBINATION OF

BIOLSCI 10 Everyday Biology (4) | BIOL 100 Concepts of Biology (4)

AND ONE COURSE FROM

ANTHRO 1	Human Evol Biol	(4)	ANTH	101	Physical Anthropology	(3)
			<u> </u>	<u>DR</u>		
			ANTH	101H	Physical	(4)
					Anthropology, Honors	
	OR				OR	
MOL&CB 10	Intro Human Heredity	(4)	NO CC	MPARABLI	E COURSE	
	OR				OR	
NE PH B 10	Elem Human Physio	(3)	BMS 1	.00 Tl	he Human Body	(4)
			OF	<u> </u>		
			BMS 1	.08 Hı	uman 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
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 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ are also available from our TAG website.

ONE COURSE FROM THE FOLLOWING:

REL	STD	1	Survey of Religion	(4)	PHIL 102 	Comparative World (3) Religions
					OR	
					PHIL 102H	Comparative World (3)
					İ	Religions, Honors
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 COMPARA	ABLE 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	FOLLOW	ING:
REL	STD	5	Comparative Religion	(2)	NO	COURSE	ARTICULATED
REL	STD	6	Intro Health Humanities	(4)	NO	COURSE	ARTICULATED
REL	STD	10	Contemporary Ethical	(2)	NO	COURSE	ARTICULATED: College has not
			Issues		suk	omitted	course(s) for articulation
REL	STD	10A	Contemporary Ethical	(2)	NO	COURSE	ARTICULATED: College has not
			Issues		suk	omitted	course(s) for articulation
REL	STD	11	Ethical Eating	(4)	NO	COURSE	ARTICULATED: College has not
					suk	omitted	course(s)for articulation
REL	STD	12	Emergence Abrahamic	(4)	NO	COURSE	ARTICULATED: College has not
			Religions		suk	omitted	course(s)for articulation
REL	STD	21	The Bible	(4)	NO	COMPARA	ABLE COURSE
REL	STD	23	Intro Judaism	(4)	1		ABLE COURSE
REL	STD	30	South Asian Religions	(4)	NO	COURSE	ARTICULATED: College has not
					suk	omitted	course(s) for articulation
REL	STD	40	New Testament	(4)	1		ABLE COURSE
REL	STD	42	Religion and Sci	(4)			ARTICULATED: College has not
			Fiction		suk	omitted	course(s) for articulation
REL	STD	45	Christianity	(4)	NO	COURSE	ARTICULATED: College has not
							course(s) for articulation
REL	STD	60	Introduction to Islam	(4)	NO	COMPARA	ABLE COURSE
REL	STD	65C	The Qur'an and Its	(4)			ARTICULATED: College has not
			Interpretation		suk	omitted	course(s) for articulation
REL	STD	67	Modern Hinduism	(4)	NO	COURSE	ARTICULATED: College has not

				submitted course(s)for articulation
REL ST	D 68	Hinduism	(4)	NO COURSE ARTICULATED: College has not
				submitted course(s) for articulation
REL ST	D 69	Intro Hindu Mythology	(4)	NO COURSE ARTICULATED:College has not
				submitted course(s)for articulation
REL ST	D 70	Religion and Language	(4)	NO COURSE ARTICULATED: College has not
				submitted course(s) for articulation
REL ST	D 75	Introduction to Chinese	(4)	NO COMPARABLE COURSE
		Philosophy		
REL ST	D 80	Religion, Gender, Sex	(4)	NO COURSE ARTICULATED: College has not
				submitted course(s) for articulation

A reading knowledge of a foreign language is highly recommended. END OF MAJOR

====Russian A.B.====

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ are also

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 MA.TOP				

====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

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

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

 $\underline{\texttt{General Catalog}}$. Quick reference charts for $\underline{\texttt{AP}}$ and $\underline{\texttt{IB}}$ are also available from our TAG website.

available from our rag website.

SCI&TEC 1	Intro Sci & Tech Std			ARTICULATED: College has not
		s	ubmitted	course(s) for articulation
SCI&TEC 20	Sci & Tec Std Methods	(4) N	O COURSE	ARTICULATED: College has not
		s	ubmitted	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 M	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	(4)	NO COURSE ARTICULATED: College has not
	Contemporary Issues		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	(4)	NO COURSE ARTICULATED: College has not
	Culture		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 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ 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 COMPARA	ABLE COURSE	

ONE COURSE FROM THE FOLLOWING:

SOCIOL 2	Self and Society	. ,	SOC 104 Social Psychology (3)
SOCIOL 3	Social Problems	(4)	SOC 109 Social Problems (3)
SOCIOL 4	Immigrtn & Opprtnty	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
SOCIOL 5	Global Soc Change	(4)	GLST 102 Problems of the Global (3)
			Village
SOCIOL 11	Sociology of Labor and	(4)	NO COURSE ARTICULATED: College has not
	Employment		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 30E	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)
ANTHRO 20	OR Comparative Cultures	 (4) ANTH 109 	OR Comparative World Cultures	(3)

HISTORY	4A	Western Civ	(4)	HIST	103	History of Western (3) Civilization
HISTORY	4B	Western Civ	(4)	 HIST	103	$\underline{\&}$ History of Western (3)
						Civilization
				HIST	104	History of Western (3) Civilization
				۱ ،	OR	01/1112001011
					113H	& History of Western (4)
					11311	Civilization: 1600 to
						Present, Honors
				HIST	104	History of Western (3)
						Civilization
HISTORY	4C	Western Civ	(4)	HIST	104	History of Western (3)
						Civilization
				· -	<u>OR</u>	
				HIST	113H	± , , ,
						Civilization: 1600 to
						Present, Honors
HISTORY	6	Intro to Middle East	(4)	NO CO	OMPARA	ABLE COURSE
HISTORY	7A	Latin America to 1700	(4)			ARTICULATED: College has not
				1		course(s) for articulation
HISTORY	7В	Latin America 1700-1900	(4)			ARTICULATED: College has not
				1		course(s) for articulation
HISTORY	7C	Latin America	(4)			ARTICULATED: College has not
		1900-Present				course(s) for articulation
HISTORY	-	Indian Civilization		!		ABLE COURSE
HISTORY	9A	East Asian Civ	(4)			ARTICULATED: College has not
						course(s)for articulation
HISTORY	9B	East Asian Civ	(4)			ARTICULATED: College has not
						course(s) for articulation
HISTORY	10C	World History III	(4)	HIST	108	World Civilization, (3)
						1550 to Present
		Africa to 1900				ARTICULATED
HISTORY		Africa Today		!		ARTICULATED
HISTORY	17A	U.S. History	(4)	HIST	101	History of the U.S. to (3)
	1		(4)		100	1877
HISTORY	T/B	U.S. History	(4)	HIST	102	History of the U.S. (3)
						since 1865
					<u> 10011</u>	II
				HIST	102H	<u>-</u>
				 		States since 1865,
				l		Honors
		ONE COURSE FRO	OM T	HE FOI	LLOWII	NG:
			,			
		Critical Reasoning		PHIL		Introduction to Logic (3)
h) PHILC	S 14	Eth Soc Prob in Soc	(4)	PHIL	101	Introduction to (3)
						Ethics
					<u>OR</u>	
				PHIL	101H	
DUITOG	. 4	Turbus ha Reb'	/ A \		101	Ethics, Honors
PHILOS 2	4	Intro to Ethics	(4)	PHIL	TOT	Introduction to Ethics (3)

END OF MAJOR

- ${\tt d})$ 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. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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 $\frac{\text{General Catalog}}{\text{Constant Catalog}}$. Quick reference charts for $\frac{\text{AP}}{\text{Constant Catalog}}$ 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)
SOCIOL 46B	AND Intro Social Rsch	(5) NO COMPARA	AND BLE COURSE	
ECON 1B	Princ of Macroecon	(4) ECON 102	Macroeconomics	(3)
ANTHRO 2	Cultural Anthropology	(5) ANTH 103	Introduction to	(3)

ANTHRO 20	OR Comparative Cultures	(4) ANTH 109	Cultural Anthropology OR Comparative World Cultures	(3)
HISTORY 10C	World History III	(4) HIST 108 	World Civilization, 1550 to Present	(3)
POL SCI 2	OR Intro Comp Politics	(4) POLS 131	OR 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.

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AP and IB examination credit policies are detailed in the UC Davis 2018-19 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ are also available from our TAG website.

avarrabi		riom our ind webbiec.					
SOCIOL 1	1 1	Intro Sociology	(5)			Introduction to Sociology	
SOCIOL 3	3	Social Problems OR	(4)	 SOC 1 			
SOCIOL 4	4	Immigrtn & Opprtnty	(4)			course(s) for articulation	
		OR Sociology of Labor and Employment		submi	tted	course(s) for articulation	
		Intro Social Rsch			.15		(3)
		AND Intro Social Rsch		 NO CC	MPAR	AND ABLE COURSE	
		4 QUARTER UNITS		M THE	FOLL	OWING:	
ANTHRO 2	2	Cultural Anthropology	(5)	ANTH	103	Introduction to Cultural Anthropology	(3)
ANTHRO 2	20	Comparative Cultures	(4)	ANTH	109		(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	FRO	M THE	FOLL	DWING:	
HISTORY	4A	Western Civ	(4)	HIST	103	History of Western Civilization	(3)
HISTORY	4B	Western Civ	(4)	HIST	103		(3)
				HIST	104	History of Western Civilization	(3)
				1 2	<u>R</u>		
				HIST 	113H	<u>&</u> History of Western Civilization: 1600 to	(4)
				 HIST	104	Present, Honors History of Western Civilization	(3)
HISTORY	4C	Western Civ	(4)	HIST	104	History of Western Civilization	(3)
				0)R		
				HIST	113н	History of Western Civilization: 1600 to	(4)
_			,			Present, Honors	
HISTORY		Intro to Middle East Latin America to 1700		!		ABLE COURSE	no+
HISTORY	/A	Latin America to 1700	(4)			ARTICULATED: College has course(s) for articulation	
HISTORY	7в	Latin America 1700-1900	(4)	NO CC	URSE	ARTICULATED: College has course(s) for articulation	not
HISTORY	7C	Latin America 1900-Present	(4)	NO CC	URSE	ARTICULATED: College has course(s) for articulation	not
HISTORY	8	Indian Civilization	(4)			ABLE COURSE	
HISTORY	9A	East Asian Civ	(4)			ARTICULATED: College has	
				submi	tted	course(s)for articulation	Ĺ

HISTORY 9B	East Asian Civ	(4)		ARTICULATED: College has r course(s)for articulation	
HISTORY 10C	World History III	(4)		World Civilization, (1550 to Present	
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 ((3)
HISTORY 17B	U.S. History	(4)	HIST 102	History of the U.S. (since 1865	(3)
				History of the United (States since 1865, Honors	(4)
d) PHILOS 5	Critical Reasoning OR	(4)	 PHIL 205 	Introduction to Logic (OR	(3)
h) PHILOS 14	Eth Soc Prob in Soc	(4)	 PHIL 101 	Introduction to (Ethics	(3)
			OR		
	OR		PHIL 101H 	Introduction to (Ethics, Honors OR	(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. (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 <u>transfer admission website</u>. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

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

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

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

complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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
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 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ are also available from our TAG website.

SOCIOL 1	Intro Sociology	(5)	SOC 101 	Introduction to Sociology	(3)
SOCIOL 2	Self and Society OR	(4)	SOC 104	Social Psychology OR	(3)
SOCIOL 3	Social Problems	(4)	SOC 109		(3)
SOCIOL 46A	Intro Social Rsch	(4)	SOC 115 	Introduction to Social Research AND	(3)
SOCIOL 46B	Intro Social Rsch	(5)	 NO COMPARA		
PSYCH 1	General Psychology	(4)	 PSY 100 OR	General Psychology	(3)
			PSY 100H	General Psychology, Honors	(4)
	6-8 QUARTER UNI	 TS F	ROM THE FOL	LOWING:	
AF-AMST 10		(4)	BLST 103 	African-American Culture	(3)
AF-AMST 15	Intro Afro Amer Hum	(4)	NO COMPARA	BLE 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)	 	The Chicano and Latino in U.S. History from the 1960s to the Present	(3)
			<u>OR</u> CHST 103	Mexican-American	(3)
				(Chicano) Culture	(3)
CHICANO 50	Chicano Culture	(4)	CHST 113	Introduction to Chicano/Mexican-Americ an 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)		ARTICULATED: College has course(s) for articulation	

SOCIOL 11	Sociology of Labor and			ARTICULATED: College has not
	Employment		submitted	course(s) for articulation
SOCIOL 30A	Multicultural Societies	(3)	NO COURSE	ARTICULATED: College has not
			!	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

AND AND

SOCIOL 2	Self and Society	(4)	SOC 104	Social Psychology	(3)
SOCIOL 4	Immigrtn & Opprtnty	(4)	!	ARTICULATED: College has 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	(4)	NO COURSE	ARTICULATED: College has	not
	Employment		submitted	course(s) for articulation	on
SOCIOL 46A	Intro Social Rsch	(4)	SOC 115	Introduction to Social Research	(3)
	AND			AND	
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARA	ABLE COURSE	
ECON 1A	Princ of Microecon AND	(4)	ECON 101	Microeconomics AND	(3)
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
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 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ 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 Elementary Spanish I (5) SPAN 102 Beginning Spanish II (5) SPANISH 3 Elementary Spanish (5) SPAN 102 Beginning Spanish II (5) SPANISH 21 Intm Spanish (5) SPAN 102 Beginning Spanish II (5) SPANISH 22 Intm Spanish (5) SPAN 103 Intermediate Spanish (5) SPANISH 22 Intm Spanish (5) SPAN 104 Intermediate Spanish (5) II SPANISH 23 Span Comp I (4) SPAN 150 Advanced Spanish (4) SPANISH 24 Span Comp II (4) SPAN 150 Advanced Spanish (4) SPANISH 25 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)

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for

students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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
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 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ are also available from our TAG website.

MATH 16A	Short Calculus	(3)	MATH 130 OR	Calculus for Biological Sciences, Social Sciences and Business I	(5)
			<u>510</u> MATH 150	Calculus with Analytic Geometry I	(5)
МАТН 16В	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	(3)
			 	Business II	
			OR	Dubinebb ii	
			<u>OK</u> MATH 160	Coloulus with Apolittis	/ E \
	OR		MAIH 160 	Calculus with Analytic Geometry II OR	(5)
MATH 17A	Calculus for BioSci	(4)	 MATH 130 	_	(5)
MATH 17B	Calculus for Biosci	(4)	NO COMPARA	ABLE COURSE	
MATH 17C	Calculus for BioSci		1	ABLE COURSE	
	OR	(- /		OR	
MATH 21A		(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		(4)
	Intro to Programming(4) ly ENG CS 10		CS 101 	Computer Concepts	(4)

			9	OR.			
			CS	105	Theory and	l Practice I	(3)
	OR		ĺ		OF	₹	
ENG CS 36A Progr	amming	(4)	CS	137	C Programm	ning	(3)
Formerly ENG C	S 30		ĺ				
	OR		İ		OF	₹	
ENG CS 36B Objec	t-Oriented Program	(4)	CS	140	Object-Ori	ented	(4)
Formerly ENG C	S 40		ĺ		Programmir	ng 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.

			 	Biological Sciences, Social Sciences and Business I			
			<u>OR</u> MATH 150 	Calculus with Analytic Geometry I	(5)		
MATH 16B	Short Calculus	(3)	 MATH 131 OR	Calculus for Biological Sciences, Social Sciences and Business II	(3)		
			<u>OK</u> MATH 160 	Calculus with Analytic Geometry II	(5)		
MATH 16C	Short Calculus	(3)	MATH 131 OR	Calculus for Biological Sciences, Social Sciences and Business II	(3)		
			MATH 160 	Calculus with Analytic Geometry II	(5)		
MATH 17A	OR Calculus for BioSci	(4)	 MATH 130 	OR Calculus for Biological Sciences, Social Sciences and Business I	(5)		
MATH 17B MATH 17C	Calculus for Biosci Calculus for BioSci OR		NO COMPARABLE COURSE NO COMPARABLE COURSE OR				
MATH 21A	_	(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		(4)		
NOTE: THE MATH 21A,B,C SERIES IS RECOMMENDED IF AVAILABLE							
MATH 22A	Linear Algebra	(3)	MATH 210	Linear Algebra	(4)		
	Intro to Programming(4) y ENG CS 10		Computer Concepts	(4)			
	OR		<u>OR</u> CS 105 T 	Theory and Practice I OR	(3)		
	Programming ENG CS 30 OR	(4)	CS 137	C Programming OR	(3)		
	Object-Oriented Program ENG CS 40	(4)		_	(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							
	Discrete Probabil Elementary Statistics STATIST 13Y		MATH 117 		(4)		
			<u>OR</u> MATH 117H	Elementary	(4)		

	Statistics,	Honors
ΛD		

PSY 150

Statistics for the Behavioral Sciences

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 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ are also available from our TAG website.

______ MATH 21A (4) MATH 150 Calculus with Analytic (5) Calculus Geometry I (4) MATH 160 Calculus with Analytic (5) MATH 21B Calculus 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) ______ (4) CS 106 Theory and Practice II (3) ENG CS 36C Data Structures

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

STA	ATIST	12	Discre	ete Prol	oabil	(4)	NO C	OMPARABLE	E COURSE		
STA	ATIST	13	Elemer	ntary St	tatistics	(4)	MATH	117	Elementary	Statistics	(4)
	Same	as:	STATIST	13Y							
								OR			
							MATH	 1 17н	Elementary		(4)
							ĺ		Statistics,	Honors	
							ĺ	OR			
							PSY	150	Statistics	for the	(4)
									Behavioral	Sciences	
STA	ATIST	32	Gateway	to Data	a Science	(4)	NO C	OMPARABLE	E 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.

AP and IB examination credit policies are detailed in the UC Davis 2018-19 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ 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	. ,	MATH 200		. ,
MATH 22A	Linear Algebra OR	(3)	 МАТН 210 	Linear Algebra OR	(4)
MATH 67	Modern Linear Algebra	(4)	!	ARTICULATED: College has course(s) for articulation	
MATH 25	Advanced Calculus	(4)		ARTICULATED: College has course(s) for articulation	
	Intro to Programming(4)		CS 101 	Computer Concepts	(4)
			OR		
	OR		CS 105 	Theory and Practice I OR	(3)
	Programming y ENG CS 30	(4)	CS 137	C Programming	(3)
-	OR			OR	
	Object-Oriented Program y 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 13	Elementary	[,] Statistics	(4)	MAT	н 117	Elementary	Statistics	(4)
Same as:	STATIST 13Y							
				İ	OR			
				MAT	н 117н	Elementary		(4)
						Statistics	, Honors	
					OR			
				PSY	150	Statistics	for the	(4)
				ĺ		Behavioral	Sciences	
STATIST 12	Discrete F	robabil	(4)	NO	COMPARABLE	E COURSE		
STATIST 32	Gateway to I	ata Science	(4)	NO	COMPARABLE	E 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 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ 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 	-	(5)
MATH 21C	Calculus	(4)	MATH 200	Multivariable Calculus	(4)
MATH 21D	Vector Analysis	(4)	MATH 200	Multivariable Calculus	(4)
		(3)	 MATH 210	Linear Algebra	(4)
	Intro to Programming(4) y ENG CS 10			Computer Concepts	(4)
			OR 105		(2)
	OR		CS 105 	Theory and Practice I OR	(3)
ENG CS 36A	Programming	(4)	CS 137	C Programming	(3)
	ENG CS 30		İ		
	OR		İ	OR	
		(4)		Object-Oriented	(4)
Formerly	ENG CS 40		 	Programming Using C++	
STATIST 12	Discrete Probabil OR	(4)	NO COMPAI	RABLE COURSE OR	
	Elementary Statistics STATIST 13Y	(4)	 MATH 117 	Elementary Statistics	(4)
			OR		
			MATH 1171	H Elementary	(4)
			 	Statistics, Honors	
			<u>OR</u> PSY 150	Statistics for the	(4)
			 -21 T20	Behavioral Sciences	(1
	OR			OR	

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 $\frac{\text{highly recommended}}{\text{Preparing well for}}$ 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.

______ COMUNCN 1 Intro Public Spkg (4) COMM 131 Fundamentals of (3)

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

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

		,	<u>OR</u> COMM 131H	Public Speaking Fundamentals of Public Speaking Honors	(3)
PL SCI 15	Intro Sustainable Agriculture	(4)	submitted	ARTICULATED: Colleg	
CM&RGDE 20		(4)	NO COURSE	ARTICULATED: Colleg	
PL PATH 40	Edible Mushroom Cult OR	(2)		ARTICULATED: Collections Course(s) for articular COR	
PL SCI 49		(3)		ARTICULATED: Colleg	
	Select one of the	fol 1	owing cour	ses:	
AN SCI 41L	Domest An Prod Lab		_	ARTICULATED: Colleg	ge has not
		(–)	!	course(s)for articu	
AN SCI 49A	Animal Prac/Aquaculture	(2)	!		
			submitted	<pre>course(s)for artic</pre>	ılation
AN SCI 49B	Animal Prac/Beef	(2)		ARTICULATED: College	
			1	course(s)for articu	
AN SCI 49C	Animal Prac/Dairy	(2)	1	ARTICULATED: College	-
40-	- 1	, a ,	!	course(s)for articu	
AN SCI 49D	Animal Prac/Goats	(2)	1	ARTICULATED: Colleg	
AN GGT 40E	Animal Decay/Harrage	(2)	!	course(s) for articu	
AN SCI 49E	Animal Prac/Horses	(\(\(\(\) \)	!	ARTICULATED: Collegeourse(s) for articularity	
AN SCI 49F	Animal Prac/Lab Animals	(2)	!	ARTICULATED: College	
AN SCI 45F	Allimat Flac, Lab Allimats	(4)	!	course(s)for artic	
AN SCI 49G	Animal Prac/Meats	(2)		ARTICULATED: College	
		(–)		course(s)for articu	
AN SCI 49H	Animal Prac/Poultry	(2)	!	ARTICULATED: Colleg	
	_		submitted	course(s)for articu	ılation
AN SCI 49I	Animal Prac/Sheep	(2)	NO COURSE	ARTICULATED: College	ge has not
			submitted	course(s)for articu	ulation

AN SCI 49J	Animal Prac/Swine		submitted	ARTICULATED: College has course(s)for articulation	
ABIOSYT 49	Fld Equip Oper				
ABIOSYT 52	OR Field Equip Welding	(2)		OR ARTICULATED: College has course(s)for articulation	
	PLUS CHOOSE ONE OF	THE	FOLLOWING	THREE TRACKS:	
	TRACK I: AGRICU	LTUR!	E AND ECOLO	OGY	
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 	-	(3)
			<u>OR</u> MATH 160 	Calculus with Analytic Geometry II	(5)
				General Chemistry I	
CHEM 2B	Genl Chemistry		СНЕМ 155 <u>&</u> СНЕМ 156	General Chemistry I General Chemistry II	
PHYSICS 1A	Principles Physics			General Physics General Physics	(4) (4)
PTOLGCT 2B	Intro Biology: Ecology				(4)
DIOLOCI ZD	& Evolution	(3)	<u> </u>	Animal Biology	(5)
	Bot Physio Cul Plt	(4)			
AN SCI 1	Domest Ani & People OR				
	Intro Animal Sci				
FD S&T 1	Food Sci Principles	(3)	NO COMPARA	ABLE COURSE	
ECON 1A	Princ of Microecon	(4)	ECON 101		(3)
CM&RGDE 1	The Community	(4)	NO COMPARA	ABLE COURSE	
	14 Eth Soc Prob in Soc		PHIL 101 		
	OR		<u>OR</u> PHIL 101H 	Introduction to Ethics, Honors OR	(4)
PHILOS 15	Intro to Bioethics OR	(4)	 NO COMPAR <i>I</i> 	_	
PHILOS 24	Intro to Ethics	(4)	PHIL 101	~	(3)
ANTHRO 2	Cultural Anthropology	(5)	 ANTH 103 	Cultural Anthropology	(3)
	OR			OR	

	OR		OR
SOCIOL 1		(5)	SOC 101 Introduction to (3)
SOCIOL 3	OR Social Problems	(4)	OR SOC 109 Social Problems (3)
d) PHILOS 5	TRACK II: FO Critical Reasoning OR		ND SOCIETY PHIL 205 Introduction to Logic (3) OR
PHILOS 31	Scientific Reason	(4)	NO COMPARABLE COURSE
h) PHILOS 1	4 Eth Soc Prob in Soc	(4)	PHIL 101 Introduction to (3) Ethics
			<u>OR</u> PHIL 101H Introduction to (4) Ethics, Honors
PHILOS 15	OR Intro to Bioethics	(4)	OR NO COMPARABLE COURSE
		(4)	OR PHIL 101 Introduction to Ethics (3)
	Intro Social Rsch	(5)	NO COMPARABLE COURSE
	-	(4)	OR MATH 117 Elementary Statistics (4)
Same as:	STATIST 13Y		OR (4) MATH 117H Elementary (4) Statistics, Honors
			OR OR
			$ PSY \overline{150}$ Statistics for the (4) Behavioral Sciences
CHEM 2A			CHEM 155 General Chemistry I (5)
BIOLSCI 10			BIOL 100 Concepts of Biology (4)
PL SCI 2	Bot Physio Cul Plt		
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 101 $\underline{\mathbf{\&}}$ Plant Biology (4)
	OR		BIOL 102 Animal Biology (5) OR
ENV S&P 1	Env Analysis OR	(4)	NO COMPARABLE COURSE OR
	Global Ecosystem ENV SC&M 30	(3)	NO COMPARABLE COURSE
W&F BIO 10		(4)	OR NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	Biology		OR NO COURSE ARTICULATED: College has not submitted course(s) for articulation
FD S&T 1	Food Sci Principles	(3)	NO COMPARABLE COURSE
SOILSCI 10	Soils in Our Environment	(3)	NO COMPARABLE COURSE
ECON 1A		(4)	ECON 101 Microeconomics (3)
POL SCI 4	Bas Cnpt/Pol Thry	(4)	POLS 132 Political Thinking (3)

ANTHRO 2	Cultural Anthropology OR	(5)	ANTH 103 	Introduction to Cultural Anthropology OR	(3)
SOCIOL 1	Intro Sociology	(5)	SOC 101	Introduction to Sociology	(3)
SOCIOL 3	OR Social Problems	(4)	 SOC 109	OR Social Problems	(3)
	The Community Ethnicity Amer Comm		NO COMPARAI		
	TRACK III: ECO	NOMT	CS AND POLT	CY	
матн 16а	Short Calculus		MATH 130 OR	Calculus for Biological Sciences, Social Sciences and Business I	(5)
			<u>OR</u> MATH 150	Calculus with Analytic Geometry I	(5)
МАТН 16В	Short Calculus	(3)	MATH 131 	Calculus for Biological Sciences, Social Sciences and Business II	(3)
			<u>OR</u> MATH 160	2	(5)
				Geometry II	
SOCIOL 46B	OR		İ	OR	
	Elementary Statistics : STATIST 13Y	(4)	MATH 117 	Elementary Statistics	(4)
			<u>OR</u> MATH 117H OR	Elementary Statistics, Honors	(4)
			PSY 150	Statistics for the Behavioral Sciences	(4)
	Genl Chemistry			General Chemistry I	
BIOLSCI 10	Everyday Biology	(4)	BIOL 100	Concepts of Biology	(4)
	Bot Physio Cul Plt				
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 101 <u>&</u>	Plant Biology	(4)
	OR		BIOL 102	Animal Biology OR	(5)
ENV S&P 1	Env Analysis OR	(4)	NO COMPARAI		
	Global Ecosystem ENV SC&M 30 OR	(3)	 NO COMPARAI 		
W&F BIO 10	Wildl Ecol Conserve	(4)			
	OR		İ	OR	
	Intro to Conservation Biology		submitted o	course(s) for articulati	on
FD S&T 1	Food Sci Principles	(3)	NO COMPARA	BLE COURSE	
	Soils in Our				

	Environment				
	Princ of Microecon Princ of Macroecon		!		(3)
POL SCI 4	Bas Cnpt/Pol Thry	(4)	POLS 132	Political Thinking	(3)
ANTHRO 2	Cultural Anthropology OR	(5)	ANTH 103 	Introduction to Cultural Anthropology OR	(3)
SOCIOL 1	Intro Sociology OR	(5)	SOC 101	Introduction to Sociology OR	(3)
SOCIOL 3	Social Problems	(4)	soc 109		(3)
CM&RGDE 1	The Community	(4)	NO COMPARA	ABLE COURSE	
h) PHILOS	14 Eth Soc Prob in Soc	(4)	PHIL 101 OR	Introduction to Ethics	(3)
	OR			Introduction to Ethics, Honors OR	(4)
PHILOS 15	Intro to Bioethics OR	(4)	NO COMPARA	ABLE COURSE 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. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

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

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

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

additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ 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		

OR		ENG 111H
UWRITING 1 Expository Writing	(4)	Reading
		<u>OR</u>
OR		ENG 110H Composition and (3) Reading, Honors OR
	(1)	
UWRITING 48 Style in the Essay	(4)	NO COURSE ARTICULATED: College has not
Formerly UWRITING 18		submitted course(s)for articulation
OR	(1)	OR
_	(4)	NO COURSE ARTICULATED: College has not
Formerly UWRITING 19		submitted course(s)for articulation
DIOLGGI 2D Tobas Dislocati Esploati		
& Evolution	(5)	BIOL 101 & Plant Biology (4)
	(5)	BIOL 101 & Plant Biology (4)
& Evolution		_
& Evolution		BIOL 102 Animal Biology (5)
& Evolution ALL OF THE F LND ARC 1 Intro Environ Design	 OLLO (4)	BIOL 102 Animal Biology (5)
& Evolution ALL OF THE F LND ARC 1 Intro Environ Design LND ARC 2 Place, Culture, Community	OLLO (4) (4)	BIOL 102 Animal Biology (5)
& Evolution ALL OF THE F LND ARC 1 Intro Environ Design LND ARC 2 Place, Culture, Community	OLLO (4) (4)	BIOL 102 Animal Biology (5) WING COURSES: NO COMPARABLE COURSE NO COMPARABLE COURSE NO COURSE ARTICULATED: College has not
& Evolution ALL OF THE F LND ARC 1 Intro Environ Design LND ARC 2 Place, Culture, Community	OLLO (4) (4) (4)	BIOL 102 Animal Biology (5)
& Evolution ALL OF THE F LND ARC 1 Intro Environ Design LND ARC 2 Place, Culture, Community LND ARC 3 Sustainable Development	OLLO (4) (4) (4)	BIOL 102 Animal Biology (5) WING COURSES: NO COMPARABLE COURSE NO COMPARABLE COURSE NO COURSE ARTICULATED: College has not submitted course(s) for articulation
& Evolution ALL OF THE F LND ARC 1 Intro Environ Design LND ARC 2 Place, Culture, Community LND ARC 3 Sustainable Development LND ARC 21 Landscape Rep I	(4) (4) (4) (4)	BIOL 102 Animal Biology (5) WING COURSES: NO COMPARABLE COURSE NO COMPARABLE COURSE NO COURSE ARTICULATED: College has not submitted course(s) for articulation
& Evolution ALL OF THE F LND ARC 1 Intro Environ Design LND ARC 2 Place, Culture, Community LND ARC 3 Sustainable Development LND ARC 21 Landscape Rep I Formerly Design Visualization	(4) (4) (4) (4) (4)	BIOL 102 Animal Biology (5) WING COURSES: NO COMPARABLE COURSE NO COMPARABLE COURSE NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COMPARABLE COURSE
& Evolution ALL OF THE F LND ARC 1 Intro Environ Design LND ARC 2 Place, Culture, Community LND ARC 3 Sustainable Development LND ARC 21 Landscape Rep I Formerly Design Visualization LND ARC 30 History Environ Design	(4) (4) (4) (4) (4) (4)	BIOL 102 Animal Biology (5) WING COURSES: NO COMPARABLE COURSE NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COMPARABLE COURSE NO COMPARABLE COURSE 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 $\frac{\text{highly recommended}}{\text{Preparing well for}}$ 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	i	n Technology	(3)	NO	COMPARABLE	COURSE
				OR						OR
B)	ENG	CS	15	Intro	to	Computers	(4)	NO	COMPARABLE	COURSE
				OR				ĺ		OR

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

ECON 1A	Princ of Microecon	(4)	ECON	101	Microeconomics	
	Princ of Macroecon					(3)
	4 QUARTER UNITS	FRO	M THE	FOLI	LOWING:	
ANTHRO 2	Cultural Anthropology	(5)	ANTH	103	Introduction to Cultural Anthropology	(3)
	OR				OR	
SCI&SOC 1	Critical Inquiry into	(4)				
	Contemporary Issues OR		j		d course(s) for articulatio OR	n
ARTHI 1A	Ancient Mediterranean Art	(4)	ART 	103	History of Art, Prehistoric to Gothic	(3)
	OR		ĺ		OR	
ARTHI 1B	Mediev&Renaiss Art	(4)	ART 	103	<pre>Mistory of Art, Prehistoric to Gothic</pre>	(3)
			ART	104		(3)
					Renaissance to Modern	
			<u>0:</u>	_	& History of Art,	(3)
			AKI	103	Prehistoric to Gothic	(3)
			ART	104H	History of Art,	(3)
			 		Renaissance to Modern,	
	OR		 		Honors OR	
ARTHI 1C	Baroque to Modern Art	(4)	ART	104	History of Art,	(3)
				n	Renaissance to Modern	
			<u>0</u> : ART		History of Art,	(3)
			<u> </u>		Renaissance to Modern,	(-)
	O.P.				Honors	
ARTHI 1D	OR Arts of Asia	(4)	 ART	108	OR History of Asian Art	(3)
	ALL OF THE F		WING	COTTR		
PHYSICS 1A	Principles Physics					(4)
						(4)
DIMATAA 10	OR	(1)	דונגים	101	OR	(2)
	Topics,Nonscientists					(3)
PSYCH 1	General Psychology	(4)	j 0:	R		(3)
						(4)
SOCIOL 2	Self and Society	(4)	SOC	104	Social Psychology	(3)
STATIST 13	Elementary Statistics					
same as	: STATIST 13Y		 (OR		
			MATH		H Elementary	(4)
					Statistics, Honors	
			 PSY	<u>OR</u> 150	Statistics for the	(4)

				Behavioral Sciences	
TEX&CL 6 TEX&CL 7	Intro Textiles Style & Cult Std	. ,		LE COURSE RTICULATED: College has ourse(s) for articulation	
TEX&CL 8	Textile Apparel Ind		NO COMPARABI	LE COURSE	
MGMT 11B	Elem Accounting Elem Accounting	(4) (4)	ACCT 230 ACCT 240	Financial Accounting Managerial Accounting	(4)
	Concept of Chem OR		NO COMPARABI		
CHEM 2A	Genl Chemistry	(5)		General Chemistry I	(5)
MATH 16A	Short Calculus	(3)		Calculus for Biological Sciences, Social Sciences and Business I	(5)
			· —	Calculus with Analytic	(5)
MATH 16B	Short Calculus	(3)	 MATH 131 	Geometry I Calculus for Biological Sciences, Social Sciences and Business II	(3)
			:	Calculus with Analytic Geometry II	(5)
	RESTRICTED ELEC	CTIVE	S (12 QUARTE	R UNITS):	
AGRESEC 18	Business Law	(4)	BLAW 110 	Legal Environment of Business	(4)
	Intro to Fashion Design		1		
MATH 16C	Short Calculus	(3)	MATH 131 OR	Calculus for Biological Sciences, Social Sciences and Business II	(3)
			MATH 160	Calculus with Analytic	(5)
Foreign la	nguage units may be used to	sat		Geometry II all of the required 12	

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:

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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 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ 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.

delici	encies.		
			ECON 101 Microeconomics (3) ECON 102 Macroeconomics (3)
	4 QUARTER UNITS	FRO	OM THE FOLLOWING:
ANTHRO 2	Cultural Anthropology OR	(5)	ANTH 103 Introduction to (3) Cultural Anthropology OR
SCI&SOC 1			NO COURSE ARTICULATED: College has not
ARTHI 1A	Ancient Mediterranean Art OR	(4)	ART 103 History of Art, (3) Prehistoric to Gothic OR
ARTHI 1B		(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
	OR		ART 104H History of Art, (3) Renaissance to Modern, Honors OR
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
	OR		OR
ARTHI 1D	Arts of Asia	(4)	ART 108 History of Asian Art (3)

PHYSICS 1A Principles Physics (3) | PHYS 105 $\underline{\textbf{\&}}$ General Physics

| PHYS 105 $\underline{\&}$ 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 OR	General Psychology	(3)
			PSY 100H	General Psychology, Honors	(4)
SOCIOL 2	Self and Society	(4)	SOC 104	Social Psychology	(3)
STATIST 13 Same as	Elementary Statistics : STATIST 13Y	(4)	 MATH 117 	Elementary Statistics	(4)
			<u>OR</u> MATH 117H OR	Elementary Statistics, Honors	(4)
			PSY 150	Statistics for the Behavioral Sciences	(4)
TEX&CL 6 TEX&CL 7	Intro Textiles Style & Cult Std			LE COURSE RTICULATED: College has ourse(s) for articulation	
TEX&CL 8	Textile Apparel Ind	(4)	NO COMPARABLE COURSE		
CHEM 2A CHEM 2B	Genl Chemistry Genl Chemistry		CHEM 155 <u>&</u>	General Chemistry I General Chemistry I General Chemistry II	(5) (5) (5)
CHEM 8A CHEM 8B	Organic Chem-Brief Organic Chem-Brief		CHEM 211 NO COMPARABI	Organic Chemistry I LE COURSE	(3)
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)
	RESTRICTED ELECTIVES	(16	QUARTER UNI	 rs):	
AGRESEC 18	Business Law		BLAW 110	Legal Environment of Business	(4)
CHEM 2C	Genl Chemistry	(5)	CHEM 156	General Chemistry II	(5)
CHEM 128A	Organic Chemistry		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		CHEM 212	Organic Chemistry II	(3)
DESIGN 77	Intro to Fashion Design		NO COMPARABI		<i>(</i> - <i>)</i>
MGMT 11A	Elem Accounting		ACCT 230	Financial Accounting	(5)
MGMT 11B	Elem Accounting Short Calculus		ACCT 240	Managerial Accounting	(4)
MATH 16B	Short Calculus	(3)	MATH 131	Calculus for	(3)
			 OR	Biological Sciences, Social Sciences and Business II	
			<u>5K</u> MATH 160 	Calculus with Analytic Geometry II	(5)
MATH 16C	Short Calculus	(3)	MATH 131 OR	Calculus for Biological Sciences, Social Sciences and Business II	(3)
			MATH 160	Calculus with Analytic	(5)

SOCIOL 25 Popular Culture

(4) NO COMPARABLE COURSE

Foreign language units may be used to satisfy any or all of the required 16 units.

END OF MAJOR

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

====Theatre and Dance A.B.====

Special Advising Note:

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

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

All students completing a major in theatre and dance must participate in dramatic productions, including work in at least two of the following three areas: acting/dance; design (scenic, costume, lighting, painting, props, sound); directing/playwriting/stage management and crew assignments. Transfer students should see the major advisor at UC Davis for an evaluation of their previous experience.

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ 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 DRAMART 40A DRAMART 40B	Fundamentals of Act Beg Modern Dance Int Modern Dance	(2)	TA 213 Intermediate Acting B (3) NO COMPARABLE COURSE 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 F	'OLLO	WING 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

END OF MAJOR

DRAMART 56C

====Viticulture and Enology B.S.====

Hist Theatre Dance III (4) NO COURSE ARTICULATED: College has not

|submited course(s)for articulation

|submited course(s)for articulation

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 CHEM 2B	Genl Chemistry Genl Chemistry Genl Chemistry	(5) CHEM 155 General Chemistry I (5) CHEM 155 General Chemistry I CHEM 156 General Chemistry II (5) CHEM 156 General Chemistry II	(5) (5) (5) (5)
CHEM 8A CHEM 8B	Organic Chem-Brief Organic Chem-Brief	(2) CHEM 211 Organic Chemistry I (4) NO COMPARABLE COURSE	(3)
PL SCT 21	Computers in Technology	(3) 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 OR	Calculus for (5) Biological Sciences, Social Sciences and Business I
			<u>OR</u> MATH 150	Calculus with Analytic (5)
			MAIII 150	Geometry I
MATH 16B	Short Calculus	(3)	MATH 131	Calculus for (3)
			İ	Biological Sciences,
			[Social Sciences and
				Business II
			OR	Galandar adda Arabatia (E)
			MATH 160	Calculus with Analytic (5) Geometry II
PHYSICS 1A	Principles Physics	(3)	PHYS 105	& General Physics (4)
			PHYS 106	General Physics (4)
	AND			AND
PHYSICS 1B	Principles Physics	(3)	·	$\underline{\&}$ General Physics (4)
			PHYS 106	General Physics (4)
	OR			OR
PHYSICS 7A	General Physics	(4)	PHYS 105	$\underline{\&}$ 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.

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 $\frac{\text{highly recommended}}{\text{Preparing well for the major helps}}$ 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)/ NC Davis General

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

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

UWRITING	G 1	Expository Writing	(4)	Composition and (Reading	3)
				OR	
		AND		ENG 110H Composition and (Reading, Honors	3)
COMUNCN	1	Intro Public Spkg	(4)	Public Speaking	3)
				<u>OR</u>	
				COMM 131H Fundamentals of (Public Speaking,	3)
				Honors	
		OR		OR	
COMUNCN	3	Intprsnl Com Cmpetnce	(4)) COMM 121 Interpersonal (3)
			, ,	Communication	- ,
				OR	
				COMM 121H Interpersonal (3)
				Communication, Honors	,
		OR		OR	
DRAMART	10	Intro To Acting	(4)	TA 111 & Beginning Acting (3)
				TA 112 Intermediate Acting A (3)
Note: Co	omplet	ing UWP 1 and Communicat	ion :	will simultaneously satisfy the	
		irements.			
BIOLSCI	2A	Intro Biology:Life on Earth	(5)) BIOL 103 Cell Biology (5.	5)
BIOLSCI	2В		(5)	BIOL 101 & Plant Biology (4)

BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life		BIOL 102 Animal Biology (5) BIOL 101 & Plant Biology (4)
			BIOL 102 Animal Biology (5)
	Genl Chemistry Genl Chemistry		CHEM 155 General Chemistry I (5) CHEM 155 & General Chemistry I (5) CHEM 156 General Chemistry II (5)
	Organic Chem-Brief Organic Chem-Brief		CHEM 211 Organic Chemistry I (3) NO COMPARABLE COURSE
MATH 16A	Short Calculus	(3)	MATH 130 Calculus for (5) Biological Sciences, Social Sciences and Business I OR
MATH 16B	Short Calculus	(3)	MATH 150 Calculus with Analytic (5) Geometry I 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)
PHYSICS 1B	Principles Physics	(3)	PHYS 106 General Physics (4) PHYS 105 & General Physics (4) PHYS 106 General Physics (4) General Physics (4)
	ONE COURSE FROM THE FOLLOW	ING	(3-4 QUARTER UNITS):
W&F BIO 10	Wildl Ecol Conserve	(4)	NO COURSE ARTICULATED: College has not
W&F BIO 50	Calif Wild Vertebrates	(3)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not
W&F BIO 51	Intro to Conservation Biology	(3)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
			FE HEALTH AREA OF SPECIALIZATION:
CHEM 2C CHEM 118A	Genl Chemistry Org Chem, Hlth & Sci		CHEM 156 General Chemistry II (5) CHEM 211 & Organic Chemistry I (3)
CHEM 110A	org chem, men a ser	(1)	CHEM 221
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)
CHEM 118C	Org Chem, Hlth & Sci	(4)	Laboratory II 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) OR

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

HTAM	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)
CHEM	2A	Genl Chemistry	(5)	CHEM	155	General Chemistry I (5)
CHEM	2B	Genl Chemistry	(5)	CHEM	_	General Chemistry I (5) 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 C	OMPARA	BLE COURSE
CHEM	118A	Org Chem, Hlth & Sci	(4)	 CHEM CHEM 	211 <u>&</u> 221	Organic Chemistry I (3) Organic Chemistry (2.3) Laboratory I
CHEM	118B	Org Chem, Hlth & Sci	(4)	CHEM	211 & 221 & 221 & 222	Organic Chemistry (2.3) Laboratory I
CHEM	128A	Organic Chemistry	(3)	 CHEM	211	Organic Chemistry I (3)
CHEM	128B	Organic Chemistry	(3)	CHEM	211 <u>&</u>	Organic Chemistry I (3)

			CHEM 212 Organic Chemistry II (3)
CHEM 129A	Organic Chem Lab	(2)	CHEM 221 Organic Chemistry (2.3) Laboratory I
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 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 (3) Programming for Engineers
ENGIN 17	Circuits I	(4)	ENGR 117 & Electronic Circuits (3) ENGR 117L Electronic Circuits (1) Laboratory
ENGIN 35	Statics	(4)	ENGR 115 Statics and Strength (4) of Materials
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 Formerly	Programming ENG CS 30	(4)	CS 137 C Programming (3)
	Object-Oriented Program	(4)	CS 140 Object-Oriented (4) Programming Using C++
ENG CS 50		(4)	CS 107
Formerly	Data Structures ENG CS 60		CS 106 Theory and Practice II (3)
ENG BS 1	Biosys Engr Fndts	(4)	
ENG BS 75	Prop Mat in Bio Sys	(4)	NO COMPARABLE COURSE
	Mfg Processes	(4)	NO COMPARABLE COURSE
	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
	Prog & Microcontrollers		

UWRITING 1	Expository Writing	(4)	ENG 110 <u>OR</u> ENG 110H	Composition and (3 Reading	3)
				Composition and (3 Reading, Honors	3)
ENGLISH 3	Intro to Lit	(4)	ENG 111 	Critical Thinking and (3 Composition Through Literature	3)
			<u>OR</u> ENG 111H 	Critical Thinking and (3 Composition through Literature, Honors	3)
COMUNCN 1	Intro Public Spkg	(4)	COMM 131 OR	Fundamentals of (3 Public Speaking	3)
			COMM 131H 	Fundamentals of (3 Public Speaking, Honors	3)
COMUNCN 3	Intprsnl Com Cmpetnce	(4)		Interpersonal (3	3)
			<u>OR</u> COMM 121H 	Interpersonal (3 Communication, Honors	3)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 103 	Cell Biology (5.5	5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 101 <u>&</u>	Plant Biology (4	1)
	& Evolution		 BIOL 102	Animal Biology (5	5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life			Plant Biology (4	1)
			 BIOL 102	Animal Biology (5	5)
m) GEOLOGY	50 Physical Geology	(3)	ERTH 111 	Dynamic Earth-Physical (3 Geology	3)
ATM SCI 60	Intro to Atmospheric Science	(4)	NO COMPARAB 	LE COURSE	

END OF MAJOR

 $\mbox{\it m})$ If a student takes ERTH 111 at Santa Barbara City College, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.