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) NO COMPARABLE COURSE
AF-AMST 12	Intro Afro Studies	(4) NO COMPARABLE COURSE

ONE COURSE FROM THE FOLLOWING:

AF-AMST 15 AF-AMST 17 AF-AMST 18	Intro Afro Amer Hum Women in Africa Intro Caribbean Studies	(4)	NO COMPARABLE COURSE NO COMPARABLE COURSE 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 310	Cultural Anthropology	(3)
			ANTH 481	Honors Cultural Anthropology	(3)
ECON 1A	Princ of Microecon	(4)	ECON 304	Principles of Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 302	Principles of Macroeconomics	(3)
SOCIOL 1	Intro Sociology	(5)	SOC 300	Introductory Sociology	(3)
			SOC 480	Introductory Sociology - Honors	(3)
POL SCI 1	Amer Natl Govt	(4)	POLS 301 	Introduction to Government: United States	(3)
			OR		
			POLS 481 	Introduction to Government: United States - Honors	(3)

POL SCI 2	Intro Comp Politics	(4)	POLS 302 Introduction to (3) Government: Foreign
PSYCH 1	General Psychology	(4)	PSYC 300 General Principles (3)
	ONE COURSE FR	OM T	HE FOLLOWING:
CHICANO 10	Intro to Chic Std	(4)	ETHNS 340 Chicanos/Mexican (3) Americans in the U.S.
N A STD 1	Intro NA Studies	(4)	ETHNS 350 Introduction to (3) Native American Studies
			OR ETHNS 351 Native American (3) Culture and the Impact of Federal Policy
N A STD 10	NA Experience		NO COMPARABLE COURSE
AMR STD 10	Intro American Studies		
A A STD 1	Hist Exp Asian Am	(4)	ETHNS 330 The Asian American (3) Experience in America
A A STD 2	Contemp Issues of Asian Americans	(4)	!
WOM STD 50	Intro Gender Studies	(4)	WGS 300 Introduction to Women's (3) Studies
	TWO COURSES F	ROM	THE FOLLOWING:
HISTORV 15A	Africa to 1900	(4)	NO COURSE ARTICULATED
			NO COURSE ARTICULATED
	U.S. History	(4)	HIST 310 History of the United (3) States
			OR
			HIST 483
HISTORY 17B	U.S. History	(4)	
			OR .
			HIST 484 History of the United (3) States - Honors
			M THE FOLLOWING:
	African Verbal Arts		
	History Af-Amr Dance		
DRAMART 41A	Beg Jazz Dance	(2)	NO COURSE ARTICULATED: College has not
DRAMART 41R	Inter Jazz Dance	(2)	submitted course(s)for articulation
	Beg Hip Hop Dance (
DRAMART 44B			
MUSIC 28			MUFHL 309 Introduction to (3) American Popular Music

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

available :	from our TAG website.			
HISTORY 17	A U.S. History	(4)	İ	History of the United (3) States
	OR		<u>OR</u> HIST 483 	History of the United (3) States - Honors OR
POL SCI 1	Amer Natl Govt	(4)	POLS 301	Introduction to (3) Government: United States
			<u>010</u> POLS 481 	Introduction to (3) Government: United States - Honors
A	MINIMUM OF 8 QUARTER UNITS			
AN SCI 1 AN SCI 2 AN SCI 21 AN SCI 41	Intro Animal Sci Livestock&Dairy Jdg Domestic Ani Prod	(4) (2) (2)	NO COMPARAE NO COMPARAE NO COMPARAE	BLE COURSE BLE COURSE
			NO COURSE A	ARTICULATED: College has not course(s)for articulation
	Fld Equip Oper Field Equip Welding		NO COMPARAE	
AGRESEC 15	Pop,Envr,World Agri AND	(4)	 NO COMPARAE 	BLE COURSE AND
ECON 1A	Princ of Microecon	(4)	ECON 304	Principles of (3) Microeconomics
	OR			OR
ECON 1B	Princ of Macroecon	(4)	ECON 302 	Principles of (3) Macroeconomics
ENVHORT 1	Intro Envhort/Urb For	(3)	NO COMPARAE	BLE COURSE
ENVHORT 6	Intro Environ Plants	(4)	NO COMPARAE	BLE COURSE
	Plants Gard, Orch & Land LANT BIO 1	(2)	NO COMPARAE	BLE COURSE
ENV S&P 10	Current Issues in Environment	(3)	 BIOL 350 	Environmental Biology (3)
	10 not open for credit to			
ENV TOX 10	Intro Environ Toxicology	(3)	NO COMPARAE	BLE COURSE
Same as	Water, Power, Society : SCI&SOC 10		ĺ	BLE COURSE
PL SCI 1	Agr Nature & Society	(3)	NO COMPARAE	BLE COURSE
	Bot Physio Cul Plt			
LT PCT T2	Agriculture	(4)		ARTICULATED: College has not course(s) for articulation
PL SCI 49	Org Crop Prod Prac	(3)		

VIT-ENO 2 VIT-ENO 3	Intro to Viticult Intro Winemaking					LE COURSE LE COURSE	
	ALL OF THE F	OLLO	WING (COURS	ES	•	
BIOLSCI 2A		-					(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)				Plant Biology Animal Biology	(5) (5)
			CHEM	400	&	General Chemistry I General Chemistry I General Chemistry II	(5) (5)
GEOLOGY 20	California Geology	(2)	GEOL	345		Physical Geology Geology of California LE COURSE	(4)
MATH 16A	Short Calculus	(3)	MATH OI			Calculus for the Life and Social Sciences I	(3)
матн 16в	Short Calculus	(3)	MATH MATH	400 351		Calculus I Calculus for the Life and Social Sciences II	(5)
	OR		<u> <u>0.</u> MATH </u>	_		Calculus II OR	(5)
MATH 17A	Calculus for BioSci	(4)	MATH	350		Calculus for the Life and Social Sciences I	(3)
MATH 17B	Calculus for Biosci	(4)	MATH	351		Calculus for the Life and Social Sciences II	(3)
	OR		İ			OR	
MATH 21A		(4)	MATH	400		Calculus I	(5)
MATH 21B	Calculus	(4)	MATH	401		Calculus II	(5)
PHYSICS 7A	General Physics	(4)	 PHYS PHYS				
PHYSICS 7B	General Physics		1	350 360	<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

j) If a student takes GEOL 302 at Sacramento City College, credit will be given for UC Davis's GEOLOGY 1 or 50+50L, not both.

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

Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis $\underline{\text{transfer admission website}}$. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to

fall enrollment. In order to receive priority consideration it 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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Education(GE) Note:

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College Foreign Language Requirement Note:

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

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

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

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

ONE COURSE FROM THE FOLLOWING:

AMR	STD	1A	Science and American Culture	(4) NO	COMPARABLE	COURSE
AMR	STD	1B	Relig in Am Lives	(4) NO	COMPARABLE	COURSE
AMR	STD	1C	American Lives	(4) NO	COMPARABLE	COURSE
AMR	STD	1E	Nat&Cult Amr	(4) NO	COMPARABLE	COURSE
AMR	STD	5 '	Tech in Amr Lives	(4) NO	COMPARABLE	COURSE
AMR	STD	21	Objects & Everyday Life	(4) NO	COMPARABLE	COURSE
AMR	STD	25	U.S. as Business Culture	(4) NO	COMPARABLE	COURSE
AMR	STD	30	Amr Images Pop Cult	(4) HU	M 332 Ame	erican Humanities (3)
AMR	STD	55	Food in Amer Culture	(4) NO	COMPARABLE	COURSE

Same as: FD S&T 55				
AMR STD 59 Music and American Culture	(4)	MUFHL 309 	Introduction to American Popular Music	(3)
ONE COURSE FRO	OM TI	HE FOLLOWING		
AF-AMST 10 Af-Am Culture & Soc A A STD 1 Hist Exp Asian Am			LE COURSE The Asian American Experience in America	(3)
CHICANO 10 Intro to Chic Std	(4)	ETHNS 340	-	(3)
N A STD 1 Intro NA Studies	(4)	ETHNS 350	Introduction to Native American Studies	(3)
		ETHNS 351	Native American Culture and the Impact of Federal Policy	(3)
ONE COURSE FRO	OM TI	HE FOLLOWING		
ANTHRO 2 Cultural Anthropology	(5)	ANTH 310	Cultural Anthropology	(3)
		ANTH 481	Honors Cultural Anthropology	(3)
SOCIOL 2 Self and Society WOM STD 50 Intro Gender Studies	(4)	WGS 300		
ONE COURSE FR	OM TI	HE FOLLOWING		
HISTORY 17A U.S. History				
mistoki i/m o.s. miscory	(4)		History of the United States	(3)
		 <u>OR</u> HIST 483 	States History of the United States - Honors	(3)
HISTORY 17B U.S. History		<u>OR</u> HIST 483 HIST 311	States History of the United	(3)
		 <u>OR</u> HIST 483 	States History of the United States - Honors History of the United	(3)
	(4)	OR HIST 483 HIST 311 OR	States History of the United States - Honors History of the United States History of the United States - Honors SLE COURSE	(3)
HISTORY 17B U.S. History HISTORY 72A Am Women & Gender	(4)	OR HIST 483 HIST 311 OR HIST 484 NO COMPARAB	States History of the United States - Honors History of the United States History of the United States - Honors ELE COURSE ELE COURSE	(3)
HISTORY 17B U.S. History HISTORY 72A Am Women & Gender HISTORY 72B Am Women & Gender	(4) (4) (4) 	OR HIST 483 HIST 311 OR HIST 484 NO COMPARAB NO COMPARAB FOLLOWING	States History of the United States - Honors History of the United States History of the United States - Honors ELE COURSE ELE COURSE	(3)
HISTORY 17B U.S. History HISTORY 72A Am Women & Gender HISTORY 72B Am Women & Gender ONE COURSE FRO	(4) (4) (4) 	OR HIST 483 HIST 311 OR HIST 484 NO COMPARAB	History of the United States - Honors History of the United States History of the United States - Honors ELE COURSE ELE COURSE COllege Composition and Literature Argumentative Writing and Critical Thinking Through	(3) (3) (3)
HISTORY 17B U.S. History HISTORY 72A Am Women & Gender HISTORY 72B Am Women & Gender ONE COURSE FRO	(4) (4) (4) OM TI	OR HIST 483 HIST 311 OR HIST 484 NO COMPARAB NO COMPARAB NO COMPARAB ENGWR 301 ENGWR 303	History of the United States - Honors History of the United States History of the United States - Honors ELE COURSE ELE COURSE College Composition and Literature Argumentative Writing and Critical	(3) (3) (3)
HISTORY 17B U.S. History HISTORY 72A Am Women & Gender HISTORY 72B Am Women & Gender ONE COURSE FRO ENGLISH 3 Intro to Lit ENGLISH 10A Literatures in English	(4) (4) (4) OM TI (4)	OR HIST 483 HIST 311 OR HIST 484 NO COMPARAB NO COMPARAB NO COMPARAB ENGWR 301 ENGWR 303	History of the United States - Honors History of the United States History of the United States - Honors ELE COURSE ELE COURSE COllege Composition and Literature Argumentative Writing and Critical Thinking Through Literature	(3) (3) (3) (3) (4) (3)

to Present	ENGLT 321	American Literature	(3)
		II	
FILM ST 1 Intro to Film Stud	ies (4) TAFILM 300	Introduction to Film	(3)
	Same as:	ENGLT 400	
	OR		
	ENGLT 400	Introduction to Film	(3)
	Same as:	TAFILM 300	

Formerly Humanities 10 END OF MAJOR

e) If a student takes ENGLT 311 at Sacramento City College, credit will be given for UC Davis's ENGLISH 10B or ENGLISH 10C, not both.

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

Special Advising Note:

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

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

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

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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	(5)	IBTOT.	402		Cell and Molecular	(5)
Earth	(3)		102		Biology	())
BIOLSCI 2B Intro Biology: Ecology	(5)	BIOL	412	&	Plant Biology	(5)
& Evolution		BIOL				(5)
BIOLSCI 2C Intro Biology:						(5)
Biodiversity & the Tree of Life		BIOL	422		Animal Biology	(5)
CHEM 2A Genl Chemistry	(5)	 CHEM	400		General Chemistry I	(5)
CHEM 2B Genl Chemistry	(5)	CHEM	400	<u>&</u>	General Chemistry I	(5)
					General Chemistry II	
CHEM 2C Genl Chemistry	(5)	CHEM	401		General Chemistry II	(5)
CHEM 8A Organic Chem-Brief	(2)	NO CO	OMPAF	RAB:	LE COURSE	
CHEM 8B Organic Chem-Brief	(4)	NO CO	OMPAF	RAB:	LE COURSE	
OR		İ			OR	
CHEM 118A Org Chem, Hlth & Sci	(4)	 CHEM	425		Organic Chemistry with	(4)
	(4)	į			* = -	(4)
	(4)	 <u>O</u> I	<u>R</u>		Organic Chemistry with Biological Emphasis I	
k) CHEM 118A Org Chem, Hlth & Sci		 <u>OI</u> CHEM	<u>R</u> 420		Organic Chemistry with Biological Emphasis I Organic Chemistry I	(5)
		 <u>O</u> I	<u>R</u> 420		Organic Chemistry with Biological Emphasis I Organic Chemistry I Organic Chemistry with	(5)
k) CHEM 118A Org Chem, Hlth & Sci		 <u>OI</u> CHEM	420 425	<u>&</u>	Organic Chemistry with Biological Emphasis I Organic Chemistry I Organic Chemistry with Biological Emphasis I	(5) (4)
k) CHEM 118A Org Chem, Hlth & Sci		 <u>OE</u> CHEM CHEM 	420 425	<u>&</u>	Organic Chemistry with Biological Emphasis I Organic Chemistry I Organic Chemistry with	(5) (4)
k) CHEM 118A Org Chem, Hlth & Sci		 OHEM CHEM CHEM CHEM	420 425 426	<u>&</u>	Organic Chemistry with Biological Emphasis I Organic Chemistry I Organic Chemistry with Biological Emphasis I Organic Chemistry with	(5) (4)
k) CHEM 118A Org Chem, Hlth & Sci		CHEM CHEM CHEM CHEM CHEM	420 425 426	<u>&</u>	Organic Chemistry with Biological Emphasis I Organic Chemistry I Organic Chemistry with Biological Emphasis I Organic Chemistry with Biological Emphasis I	(5) (4) (4)
k) CHEM 118A Org Chem, Hlth & Sci		CHEM CHEM CHEM CHEM OI	420 425 426 <u>8</u>	<u>&</u>	Organic Chemistry with Biological Emphasis I Organic Chemistry I Organic Chemistry with Biological Emphasis I Organic Chemistry with Biological Emphasis II Organic Chemistry I	(5) (4) (4)
k) CHEM 118A Org Chem, Hlth & Sci		CHEM CHEM CHEM CHEM CHEM	420 425 426 <u>8</u>	<u>&</u>	Organic Chemistry with Biological Emphasis I Organic Chemistry I Organic Chemistry with Biological Emphasis I Organic Chemistry with Biological Emphasis I	(5) (4) (4)

				and Social Sciences I				
матн 16в	Short Calculus	(3)	<u>OR</u> MATH 400 MATH 351	Calculus I Calculus for the Life and Social Sciences II				
матн 16С	Short Calculus	(3)	<u>OR</u> MATH 401 MATH 351	Calculus II Calculus for the Life and Social Sciences II	. ,			
			<u>OR</u> MATH 401	Calculus II	(5)			
	OR			OR				
MATH 17A	Calculus for BioSci	(4)	MATH 350 	Calculus for the Life and Social Sciences I	(3)			
MATH 17B	Calculus for Biosci	(4)	MATH 351 	Calculus for the Life and Social Sciences II	(3)			
MATH 17C	Calculus for BioSci	(4)	MATH 352 	Calculus for Biology and Medicine	(2)			
	OR			OR				
MATH 21A		(4)	MATH 400	Calculus I	(5)			
MATH 21B MATH 21C	Calculus	(4)	MATH 401 MATH 402	Calculus III	(5) (5)			
PHYSICS 7A	General Physics	(4)	PHYS 350 &	General Physics	(4)			
PHYSICS 7B	General Physics	(4)	PHYS 350 &	General Physics				
D	G 1 71 '			General Physics				
PHYSICS /C	General Physics	(4)			(4)			
their commu series befo series may	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							
	Elementary Statistics STATIST 13Y	(4)	STAT 300 OR	Introduction to Probability and Statistics	(4)			
			STAT 480 OR	Introduction to Probability and Statistics - Honors	(4)			
			ECON 310	Economic Statistics	(3)			
AN BIOL 50A AN BIOL 50B AN BIOL 50C	Animal Biology	(3)	NO COMPARAE	BLE COURSE				

END OF MAJOR

k) If a student takes CHEM 420,421 at Sacramento City College, credit will be given for UC Davis's CHEM 118A,B,C series OR the 128A,B,C,129A,B,C series, not both.

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

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is highly recommended that students complete chemistry courses before transferring.

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

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

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

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

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

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

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

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

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avallable II	om our rad website.					
	Domest Ani & People Intro Animal Sci				LE COURSE LE COURSE	
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	 BIOI 	L 402	Cell and Molecular Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology				Plant Biology	(5)
BIOLSCI 2C	& Evolution Intro Biology:			1 422 1 412 &	Animal Biology Plant Biology	(5) (5)
	Biodiversity & the Tree of Life				Animal Biology	(5)
	enl Chemistry				General Chemistry I	(5)
CHEM 2B G	enl Chemistry	(5)	!	и 400 <u>&</u> и 401	General Chemistry I General Chemistry II	(5) (5)
	rganic Chem-Brief		!		LE COURSE	
	rganic Chem-Brief 	(4)			LE COURSE	
PL SCI 21	Computers in Technology OR	(3)	NO C	COMPARABI	LE COURSE OR	
B) ENG CS 15	Intro to Computers	(4)	NO C	COMPARABI	LE COURSE	
ECON 1A P	rinc of Microecon	(4)	ECOI	1 304	Principles of	(3)
ECON 1B P	rinc of Macroecon	(4)	 ECOI	1 302	Microeconomics Principles of	(3)
			 		Macroeconomics	
	Elem Accounting			г 301	Financial Accounting	(4)
MGMT 11B	Elem Accounting	(4)	ACCI	г 311	Managerial Accounting	(4)
MATH 16A	Short Calculus	(3)	MATH	H 350	Calculus for the Life	(3)
			 	OR	and Social Sciences I	
			!	400	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATI 	H 351	Calculus for the Life and Social Sciences II	(3)
			! -	<u>OR</u>		
MATH 16C	Short Calculus	(3)	1	H 401 H 351	Calculus II Calculus for the Life	(5) (3)
		(5)	į		and Social Sciences II	(5)
				<u>OR</u> H 401	Calculus II	(5)
	OR		İ		OR	() /
MATH 17A	Calculus for BioSci	(4)	MATE	H 350	Calculus for the Life	(3)

MATH 17B	Calculus for Biosci	(4)	i	Calculus for the Life (3)		
MATH 17C	Calculus for BioSci	(4)	1	and Social Sciences II Calculus for Biology (2) and Medicine		
	OR			OR		
MATH 21A				Calculus I (5)		
MATH 21B			•	Calculus II (5)		
MATH 21C	Calculus	(4)	MATH 402	Calculus III (5)		
AREAS OF SPECIALIZATION: AQUATIC ANIMALS SPECIALIZATION AN SCI 18 Intro Aquaculture (4) NO COMPARABLE COURSE						
	COMPANION	ANIMA	LS SPECIA	LIZATION		
AN SCI 42	Intro Comp Ani Bio	(4)	NO COMPA	RABLE COURSE		
	DAIRY SI	PECIAL	IZATION			
	Domestic Ani Prod Domest An Prod Lab		!			

EQUINE SPECIALIZATION

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

LIVESTOCK SPECIALIZATION

AN SCI 41	Domestic Ani Prod	(2) NO COMPARABLE COURSE
AN SCI 41L	Domest An Prod Lab	(2) NO COMPARABLE COURSE

POULTRY SPECIALIZATION

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

RESTRICTED ELECTIVES (12 QUARTER UNITS):

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

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

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

Special Advising Note:

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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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available from our TAG website.		
AN SCI 1 Domest Ani & People AN SCI 2 Intro Animal Sci AN SCI 41 Domestic Ani Prod AN SCI 41L Domest An Prod Lab	(4) (2)	NO COMPARABLE COURSE NO COMPARABLE COURSE
BIOLSCI 2A Intro Biology:Life on Earth		Biology
BIOLSCI 2B Intro Biology: Ecology & Evolution BIOLSCI 2C Intro Biology:	(5)	BIOL 412 & Plant Biology (5) BIOL 422 Animal Biology (5)
BIOLSCI 2C Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 412 & Plant Biology (5) BIOL 422 Animal Biology (5) BIOL 422 Animal Biology (5)
CHEM 2A Genl Chemistry CHEM 2B Genl Chemistry	(5) (5)	CHEM 400 General Chemistry I (5) CHEM 400 & General Chemistry I (5)
		CHEM 400 & General Chemistry I (5) CHEM 401 General Chemistry II (5)
CHEM 8A Organic Chem-Brief CHEM 8B Organic Chem-Brief OR	(2)(4)	NO COMPARABLE COURSE NO COMPARABLE COURSE OR
k) CHEM 118A Org Chem, Hlth & Sci	(4)	CHEM 425 Organic Chemistry with (4) Biological Emphasis I OR
k) CHEM 118B Org Chem, Hlth & Sci	(4)	CHEM 420 Organic Chemistry I (5) CHEM 425 & Organic Chemistry with (4) Biological Emphasis I
		CHEM 426 Organic Chemistry with (4) Biological Emphasis II
		<u>OR</u> CHEM 420 <u>&</u> Organic Chemistry I (5) CHEM 421 Organic Chemistry II (5)
MATH 16A Short Calculus	(3)	MATH 350 Calculus for the Life (3) and Social Sciences I OR
		MATH 400 Calculus I (5)
MATH 16B Short Calculus	(3)	MATH 351 Calculus for the Life (3) and Social Sciences II OR
OR		MATH 401 Calculus II (5) OR
MATH 17A Calculus for BioSci	(4)	MATH 350 Calculus for the Life (3)
MATH 17B Calculus for Biosci	(4)	and Social Sciences I MATH 351
OR MATH 21A Calculus	(4)	OR MATH 400 Calculus I (5)
MATH 21B Calculus		MATH 401 Calculus II (5)

AREAS OF SPECIALIZATION:

		Intro Aquaculture			
		AVIAN S	CIENCES		
AV SC		Birds,Humans & Env	(3) NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
		COMPANION AND	CAPTIVE ANIMALS		
		Intro Comp Ani Bio	(4) NO COMPARABLE COURSE		
	EQUINE SCIENCE				
AN SC		Intro Horse Husb	·		
		LABORATO	RY ANIMALS		
AN SC	42	Intro Comp Ani Bio	(4) NO COMPARABLE COURSE		
		POUL	rry		
AV SC	11	Intro Poultry Sci	(3) NO COMPARABLE COURSE		
END O	MAJOR				

k) If a student takes CHEM 420,421 at Sacramento City College, credit will be given for UC Davis's CHEM 118A,B,C series OR the 128A,B,C,129A,B,C series, not both.

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

Special Advising Note:

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College Foreign Language Requirement Note:

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

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

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available from our TAG website. ______ EVOLUTIONARY EMPHASIS: ANTHRO 1 Human Evol Biol (4) ANTH 300 Physical Anthropology (3) ANTH 480 Honors Physical (3) Anthropology ANTHRO 2 Cultural Anthropology (5) ANTH 310 Cultural Anthropology (3)

OR OR ANTH 481 Honors Cultural (3) Anthropology ANTHRO 3 Intr to Archaeology (4) ANTH 323 Introduction to Archaeology _____ ONE COURSE FROM THE FOLLOWING: ANTHRO 15 Human Life Cycle (5) NO COMPARABLE COURSE ANTHRO 23 Intr World Prehist (4) ANTH 320 Introduction to (3) Archaeology and World Prehistory ANTHRO 24 Ancient Crops and People (4) NO COMPARABLE COURSE ANTHRO 50 Evolution and Human (4) NO COMPARABLE COURSE Nature ANTHRO 54 Intro to Primatology (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation |submitted course(s)for articulation ONE COURSE FROM THE FOLLOWING: ANTHRO 13 Sci Method in Physical (4) NO COMPARABLE COURSE Anthropology | SOCIOL 46B Intro Social Rsch (5) NO COMPARABLE COURSE STATIST 13 Elementary Statistics (4) STAT 300 Introduction to Same as: STATIST 13Y Probability and Statistics OR
STAT 480 Introduction to
Probability and (4)Statistics - Honors

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

|ECON 310 Economic Statistics (3)

ANTHRO 2	Cultural Anthropology	(5)	ANTH 310 <u>OR</u>	Cultural Anthropology	(3)
			ANTH 481 	Honors Cultural Anthropology	(3)
	TWO COURSES	FROM '	THE FOLLOWIN	īG:	
ANTHRO 1	Human Evol Biol	(4)	ANTH 300 OR	Physical Anthropology	(3)
			ANTH 480	Honors Physical Anthropology	(3)
ANTHRO 3	Intr to Archaeology	(4)	ANTH 323	Introduction to Archaeology	(3)
ANTHRO 4	Anthro Linguistics	(4)	ANTH 341	Introduction to Linguistics	(3)

SELECT ONE OF THE FOLLOWING TWO OPTIONS:

- 1) Two additional quarters of the foreign language used to meet the L & S language requirement.
- 2) Two courses from the following list:

ANTHRO 20	Comparative Cultures	(4)	1		College has not
			submitted	course(s)for	articulation
ANTHRO 30	Sexualities	(4)	I .		College has not
			submitted	course(s)for	articulation
ANTHRO 32	Drugs, Science and	(4)	NO COMPARA	ABLE COURSE	
	Culture				
Same as:	SCI&TEC 32				
ANTHRO 34	Cultures of Consumerism	(4)	NO COMPARA	ABLE COURSE	
END OF MA.TO	P				

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

Special Advising Note:

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		<u>OR</u> ANTH 480	Honors Physical Anthropology	(3)
ANTHRO 2 Cultural Anthropology	(5)	ANTH 310	Cultural Anthropology	(3)
		ANTH 481	Honors Cultural Anthropology	(3)
ANTHRO 3 Intr to Archaeology	(4)	ANTH 323 		(3)
BIOLSCI 2A Intro Biology:Life on Earth	(5)	BIOL 402	Cell and Molecular Biology	(5)
BIOLSCI 2B Intro Biology: Ecology	(5)	BIOL 412		(5)
		BIOL 422		(5)
		•		(5)
of Life		BIOL 422 	Animal Biology	(5)
CHEM 2A Genl Chemistry CHEM 2B Genl Chemistry	(5)	CHEM 400	General Chemistry I General Chemistry I	(5)
CHEM 2B Gen1 Chemistry	(5)	CHEM 400 2	General Chemistry I General Chemistry II	(5) (5)
CHEM 8A Organic Chem-Brief				
CHEM 8B Organic Chem-Brief OR	(4)	NO COMPARA	ABLE COURSE OR	
k) CHEM 118A Org Chem, Hlth & Sci	(4)	 CHEM 425	_	(4)
	(- /	OR	Biological Emphasis I	(-)
		CHEM 420	Organic Chemistry I	(5)
k) CHEM 118B Org Chem, Hlth & Sci	(4)	CHEM 425 &		(4)
		CITEM 406	Biological Emphasis I	(4)
		CHEM 426 	Organic Chemistry with Biological Emphasis II	(4)
		OR	• Organic Chemistry I	/ E \
		CHEM 420 CHEM 421	Organic Chemistry II	(5) (5)
MATH 16A Short Calculus	(3)	MATH 350 OR	Calculus for the Life and Social Sciences I	(3)
		<u>OR</u> MATH 400	Calculus I	(5)
MATH 16B Short Calculus	(3)	MATH 351 		
		<u>OR</u> MATH 401	Calculus II	(5)

MATH 16C	Short Calculus	(3)	MATH 351 OR	Calculus for the Life and Social Sciences II	(3)
	OR		<u>OK</u> MATH 401 	Calculus II OR	(5)
MATH 17A	Calculus for BioSci	(4)	MATH 350 	Calculus for the Life and Social Sciences I	(3)
MATH 17B	Calculus for Biosci	(4)	MATH 351	Calculus for the Life and Social Sciences II	(3)
MATH 17C	Calculus for BioSci	(4)	MATH 352 	and Medicine	(2)
	OR		ļ	OR	
MATH 21A				Calculus I	(5)
MATH 21B	Calculus				(5)
MATH 21C	Calculus	(4)	MATH 402	Calculus III	(5)
	ONE COURSE FR	ROM T	HE FOLLOWING	;:	
ANTHRO 13	ONE COURSE FR Sci Method in Physical Anthropology				
	Sci Method in Physical	(4)	NO COMPARAE 	BLE COURSE	
SOCIOL 46B	Sci Method in Physical Anthropology	(4)	NO COMPARAE NO COMPARAE	BLE COURSE	(4)
SOCIOL 46B STATIST 13	Sci Method in Physical Anthropology Intro Social Rsch	(4)	NO COMPARAE NO COMPARAE	BLE COURSE	(4)
SOCIOL 46B STATIST 13	Sci Method in Physical Anthropology Intro Social Rsch Elementary Statistics	(4)	NO COMPARAE NO COMPARAE	BLE COURSE BLE COURSE Introduction to	(4)
SOCIOL 46B STATIST 13	Sci Method in Physical Anthropology Intro Social Rsch Elementary Statistics	(4)	NO COMPARAE NO COMPARAE	BLE COURSE BLE COURSE Introduction to Probability and	(4)
SOCIOL 46B STATIST 13	Sci Method in Physical Anthropology Intro Social Rsch Elementary Statistics	(4)	NO COMPARAE NO COMPARAE STAT 300 	BLE COURSE BLE COURSE Introduction to Probability and	(4)
SOCIOL 46B STATIST 13	Sci Method in Physical Anthropology Intro Social Rsch Elementary Statistics	(4)	NO COMPARAE NO COMPARAE STAT 300 	BLE COURSE BLE COURSE Introduction to Probability and Statistics	
SOCIOL 46B STATIST 13	Sci Method in Physical Anthropology Intro Social Rsch Elementary Statistics	(4)	NO COMPARAE NO COMPARAE STAT 300 	BLE COURSE BLE COURSE Introduction to Probability and Statistics Introduction to	
SOCIOL 46B STATIST 13	Sci Method in Physical Anthropology Intro Social Rsch Elementary Statistics	(4)	NO COMPARAE NO COMPARAE STAT 300 	BLE COURSE BLE COURSE Introduction to Probability and Statistics Introduction to Probability and	
SOCIOL 46B STATIST 13	Sci Method in Physical Anthropology Intro Social Rsch Elementary Statistics	(4)	NO COMPARAE NO COMPARAE STAT 300 OR STAT 480	BLE COURSE BLE COURSE Introduction to Probability and Statistics Introduction to Probability and	

END OF MAJOR

k) If a student takes CHEM 420,421 at Sacramento City College, credit will be given for UC Davis's CHEM 118A,B,C series OR the 128A,B,C,129A,B,C series, 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 https://doi.org/10.1001/journal.com/ that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

Recommended Language Preparation Note:

Bachelor of Science degree candidates are advised, but not required, to satisfy the same language requirement as that for a Bachelor of Arts degree candidate, and to fulfill it in French, German or Russian. View the <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	400	Calculus I		(5)
MATH	21B	Calculus	(4)	MATH	401	Calculus II		(5)
MATH	21C	Calculus	(4)	MATH	402	Calculus III		(5)
MATH	21D	Vector Analysis	(4)	MATH	402	Calculus III		(5)
MATH	22B	Differntl Equations	(3)	MATH	420	Differential	Equations	(4)
MATH	22AL	Lin Alg Comp Lab	(1)	NO CO	OMPARAB!	LE COURSE		
		or equivalent basic kn	owle	dge of	E MATLA	В.		
		BOTH OF THE	FOLL	OWING	COURSE	S:		
1.47 mm	227	Times Alexabera	(2)	l MAN EDIT	410	T	+- T	121

MATH 22	2A Linea:	r Algebra	(3)	MATH	410	Intro	duction	to :	Line	ar (3)
				İ		Algeb	ra				
		AND		İ			AND				
MATH 10	08 Intro	Abstract	Math (4)	This	course	must	be take:	n at	UC I	Davi	s

OR SELECT THE FOLLOWING COURSE:

MATH 67 Modern Linear Algebra (4) NO COMPARABLE COURSE

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

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ENG CS 32A Intro to Programming(4) NO COMPARABLE COURSE
Formerly ENG CS 10 |

ENGIN 6 Engr Prob Solving (4) ENGR 405 Engineering Problem (3)
Solving
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Please note that the community college's computer science courses may not be identical to UC Davis courses. Community college students, upon transfer to UC Davis, may need to make up any topic or language deficiencies.

AMUNDANIA WILL MEED TO GUOGE ONE OF THE BOLLOWING TWO GOUDES AROUTING

i	STUDENTS	WILL	NEED TO	CHOOSE	ONE OF	THE	FOLLOWI:	NG TWO-COURSE SEQUENCES	:
BIOLSC	I 2A	Intro	Biology	:Life or	n (5)	BIOL	402	Cell and Molecular	(5)
		Earth						Biology	
BIOLSC	I 2B	Intro	Biology	: Ecolog	gy (5)	BIOL	412 <u>&</u>	Plant Biology	(5)

		& Evoluti OR	ion		BIOL	422		Animal Biology OR	(5)
CHEM 2A		Genl Chemist	try	(5)	CHEM	400		General Chemistry I	(5)
CHEM 2B		Genl Chemist	_	(5)	CHEM	400	&	General Chemistry I	(5)
					CHEM	401		General Chemistry II	(5)
		OR			ĺ			OR	
ECON 1A		Princ of Mid	croecon	(4)	ECON	304		Principles of	(3)
								Microeconomics	
ECON 1B		Princ of Mad	croecon	(4)	ECON	302		Principles of	(3)
								Macroeconomics	
		OR						OR	
PHYSICS	9A	Classical	l Physics	(5)	PHYS	410	<u>&</u>	Mechanics of Solids	(5)
								and Fluids	
					PHYS	420	<u>&</u>	Electricity and	(5)
								Magnetism	
					PHYS	430		Heat, Waves, Light and	(5)
								Modern Physics	
PHYSICS	9В	Classical	l Physics	(5)	PHYS	410	<u>&</u>		(5)
								and Fluids	
					PHYS	420	<u>&</u>	Electricity and	(5)
					ļ			Magnetism	
					PHYS	430		Heat, Waves, Light and	(5)
								Modern Physics	
		OR						OR	
STATIST	_	-	Data Science		!				
STATIST	100		Stats for Bio	(4)	This	cou	rse	must be taken at UC Day	/is
		Sci							

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

PHYSICS	9A	Classical	Physics	(5)	PHYS 	410	<u>&</u>	Mechanics of Solids and Fluids	(5)
					PHYS	420	<u>&</u>	Electricity and Magnetism	(5)
					PHYS	430		Heat, Waves, Light and Modern Physics	(5)
PHYSICS	9В	Classical	Physics	(5)	PHYS	410	<u>&</u>	Mechanics of Solids and Fluids	(5)
					PHYS	420	<u>&</u>	Electricity and Magnetism	(5)
					PHYS	430		Heat, Waves, Light and Modern Physics	(5)
PHYSICS	9C	Classical	Physics	(5)	PHYS	410	<u>&</u>	Mechanics of Solids and Fluids	(5)
					PHYS	420	<u>&</u>	Electricity and Magnetism	(5)
					PHYS	430		Heat, Waves, Light and Modern Physics	(5)

PHYSICS 9D	Modern Phys	sics	(4)	NO	COMPA	RABLE	COURS			
PHYSICS 9HA		raiaa	(E)	 NTO		D 7 D T T	COURS			
PHYSICS 9HB	-	zgigg	(5)	INO	COMPA	D V D L L	COURS	e e		
PHYSICS 9HC		zaj da	(5)	INO			COURS	r -		
PHYSICS 9HD	_		(5)	NO	COMPZ	RABLIE	COURS	E.		
PHYSICS 9HE		zsics	(5)	NO	COMPA	RABLE	COURS	E E		
MATH 21A	Calculus						alculu	s I		(5)
MATH 21B	Calculus		(4)	MAT	н 401		alculu	s II		(5)
MATH 21C	Calculus		(4)	MAT	н 402	2 C	alculu			(5)
MATH 21D	Vector Analys	sis	(4)	MAT	H 402	2 C				(5)
MATH 22A	Linear Algebr	ra	(3)	MAT	н 402 н 410) I	ntrodu Igebra		to Linea	r (3)
MATH 22B	Differntl Equ	uations	(3)	MAT	н 420		iffere	ntial		s (4)
	 [A	MOSPHERIC PHY	SIC	 s co	 NCENI	RATIC				
PHYSICS 40	Intr Physics							ED		
		CHEMICAL PHY	YSIC	s co	NCENT	RATIC	<u>N</u>			
	Genl Chemistry		(5)	CHE	M 400) (eneral	Chemi	istry I	(5)
CHEM 2B	Genl Chemistry Genl Chemistry	7	(5)	CHE	M 400	<u>&</u> G	eneral	Chem	istry I	(5)
_				CHE	M 401	. G	eneral	Chem	istry II	(5)
									istry II	(5)
PHYSICS 40	Intr Physics	Computation	(4)	NO	COURS	SE ART	'ICULAT	ED		
		COMPUTATIONAL	DHV	 stcs	CONC	ב	TTON			
ENG CS 36A	Programming	COM CIAITONAL			P 360		ntrodu	ction	to	(4)
	ENG CS 30		(-)						rogrammin	
				i	OR				5	2
				cis	P 401		bject	Orient	ced	(4)
				İ					with Java	
ENG CS 36B	Object-Orient	ed Program	(4)	CIS	P 400) (bject	Orient	ced	(4)
Formerly	ENG CS 40					F	rogram	ming v	with C++	
may not	note that the be identical ansfer to UC Incies.	to UC Davis	cour	ses.	Con	munit	y coll	ege st	tudents,	
		GEOPHYSICS	G CO	NCEN	TRATI	ON				
PHYSICS 40	Intr Physics	Computation	(4)	NO	COURS	SE ART	'ICULAT	ED		
		MATERIALS SO								
PHYSICS 40	Intr Physics	Computation	(4)	NO	COURS	SE ART	'ICULAT	ED		
		DUVCTCNI ETEC	מייים	 NTCC	CONC	7 TENTTED 7	TTON			
ENGIN 17	Circuita I	PHYSICAL ELEC						ation	+ 0	(3)
FINGTIN 17	CIICUIUS I		(+)	 EMG	K 400	, <u> </u>	ntrodu	cclon	ircuits	(3)
							nd Dev		iicuics	
PHYSICS 40	Intr Physics	Computation	(4)	I NO	COURS	-				
	Experimental									
	1	4	. ,	-						
		HYSICAL OCEANO								
PHYSICS 40	Intr Physics		(4)	NO	COURS	SE ART	'ICULAT	ED		
END OF MAJO	 R									
=										

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

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

Transfer Admission Guarantee (TAG) Note:

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College Foreign Language Requirement Note:

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

http://llc.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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		FOUR COURSES FF	OM !	THE F	OLLOW	INC	3:	
ARTHI	1A	Ancient Mediterranean Art	(4)	ARTH	304		Ancient Art	(3)
ARTHI	1B	Mediev&Renaiss Art	(4)	ARTH	306	&	Medieval Art	(3)
				ARTH	308	_	Renaissance Tradition	(3)
				ĺ			in Art	
ARTHI	1C	Baroque to Modern Art	(4)	ARTH	308	&	Renaissance Tradition	(3)
							in Art	
				ARTH	310		Modern Art	(3)
ARTHI	1D	Arts of Asia	(4)	ARTH	332		Asian Art	(3)
ARTHI	1E	Islamic Art &	(4)	NO CO	OMPAR	RABI	LE COURSE	
		Architecture						
ARTHI	5	Visual Culture	(4)	NO CO	OMPAR	RABI	LE COURSE	
ARTHI	25	Understanding	(4)	NO CO	OMPAR	RABI	LE COURSE	
		Architecture						

ONE ART STUDIO COURSE FROM:

ART	2	Beginning Drawing	(4)	ART 300 	Drawing and Composition	(3)
				OR		
				ART 302	Drawing and Composition	(3)
ART	5	Beginning Sculpture	(4)	 ART 370 	Three Dimensional Design	(3)
ART	7	Beginning Painting	(4)	!	Oil Painting	(3)
				OR OR		
				ART 334	Acrylic Painting	(3)
				OR		
				ART 336	Watercolor Painting	(3)
ART	8	Beginning Ceramic Sculpture	(4)	ART 400	Clay Sculpture	(3)
ART	9	Beginning Photography	(4)	NO COURSE	ARTICULATED: College has	not
				submitted	<pre>course(s)for articulation</pre>	
ART	11	Beginning Printmaking	(4)	ART 361	Printmaking: Survey	(3)
ART	12	Beginning Video	(4)	NO COMPARA	ABLE COURSE	
ART	24	Intro Experimental Video	(4)	NO COMPARA	ABLE COURSE	
		and Film				
END	OF	MA.TOP		1		

END OF MAJOR

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

Special Advising Note:

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College Foreign Language Requirement Note:

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

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

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	FOUR COURSES F	ROM '	THE FOL	LOWING:	
ART 2	Beginning Drawing	(4)	ART 30 	<pre>0 Drawing and Composition (</pre>	(3)
			OR		
			ART 30	<pre>Drawing and Composition (II</pre>	(3)
ART 5	Beginning Sculpture	(4)	ART 37 	O Three Dimensional (Design	(3)
ART 7	Beginning Painting	(4)	ART 33	2 Oil Painting ((3)
			ART 33	4 Acrylic Painting ((3)
			OR		
			ART 33	6 Watercolor Painting ((3)
ART 8	Beginning Ceramic Sculpture	(4)	ART 40	O Clay Sculpture ((3)
ART 9	Beginning Photography	(4)		RSE ARTICULATED: College has n	
				ted course(s)for articulation	
ART 11				1 Printmaking: Survey ((3)
ART 12	Beginning Video			PARABLE COURSE	
	TWO LECTURE COURSES CHO				
ART 24	Intro Experimental Video	(4)	NO COM	PARABLE COURSE	
	and Film				
ART 30		(4)	İ		
ARTHI 1A	Contemp Vis Culture Ancient Mediterranean Art	(4)	 NO COM ARTH 3	PARABLE COURSE 04 Ancient Art ((3)
ARTHI 1A	Contemp Vis Culture	(4)	 NO COM ARTH 3 ARTH 3	PARABLE COURSE 04 Ancient Art (06 & Medieval Art ((3)
ARTHI 1A	Contemp Vis Culture Ancient Mediterranean Art	(4)	 NO COM ARTH 3 ARTH 3	PARABLE COURSE 04 Ancient Art (06 <u>&</u> Medieval Art (
ARTHI 1A ARTHI 1B	Contemp Vis Culture Ancient Mediterranean Art	(4)	NO COM ARTH 3 ARTH 3 ARTH 3	PARABLE COURSE 04 Ancient Art (06 & Medieval Art (08 Renaissance Tradition (in Art	(3)
ARTHI 1A ARTHI 1B	Contemp Vis Culture Ancient Mediterranean Art Mediev&Renaiss Art	(4)	NO COM ARTH 3 ARTH 3 ARTH 3 ARTH 3	PARABLE COURSE 04 Ancient Art (06 & Medieval Art (08 Renaissance Tradition (in Art 08 & Renaissance Tradition (in Art	(3)
ARTHI 1A ARTHI 1B	Contemp Vis Culture Ancient Mediterranean Art Mediev&Renaiss Art	(4) (4)	NO COM ARTH 3 ARTH 3 ARTH 3 ARTH 3 ARTH 3	PARABLE COURSE 04 Ancient Art (06 & Medieval Art (08 Renaissance Tradition (in Art 08 & Renaissance Tradition (in Art 10 Modern Art ((3)(3)(3)
ARTHI 1A ARTHI 1B ARTHI 1C ARTHI 1D	Contemp Vis Culture Ancient Mediterranean Art Mediev&Renaiss Art Baroque to Modern Art	(4) (4)	NO COM ARTH 3 ARTH 3 ARTH 3 ARTH 3 ARTH 3	PARABLE COURSE 04 Ancient Art (06 & Medieval Art (08 Renaissance Tradition (in Art 08 & Renaissance Tradition (in Art 10 Modern Art ((3)(3)(3)(3)
ARTHI 1A ARTHI 1B ARTHI 1C ARTHI 1D	Contemp Vis Culture Ancient Mediterranean Art Mediev&Renaiss Art Baroque to Modern Art Arts of Asia	(4) (4)	NO COM ARTH 3 ARTH 3 ARTH 3 ARTH 3 ARTH 3	PARABLE COURSE 04 Ancient Art (06 & Medieval Art (08 Renaissance Tradition (in Art 08 & Renaissance Tradition (in Art 10 Modern Art (32 Asian Art ((3)(3)(3)(3)
ARTHI 1A ARTHI 1B ARTHI 1C ARTHI 1D ARTHI 1E	Contemp Vis Culture Ancient Mediterranean Art Mediev&Renaiss Art Baroque to Modern Art Arts of Asia Islamic Art &	(4) (4) (4) (4)	NO COM ARTH 3 ARTH 3 ARTH 3 ARTH 3 ARTH 3 NO COM	PARABLE COURSE 04 Ancient Art (06 & Medieval Art (08 Renaissance Tradition (in Art 08 & Renaissance Tradition (in Art 10 Modern Art (32 Asian Art ((3)(3)(3)(3)
ARTHI 1A ARTHI 1B ARTHI 1C ARTHI 1D ARTHI 1E ARTHI 5	Contemp Vis Culture Ancient Mediterranean Art Mediev&Renaiss Art Baroque to Modern Art Arts of Asia Islamic Art & Architecture	(4) (4) (4) (4) (4)	NO COM ARTH 3 ARTH 3 ARTH 3 ARTH 3 ARTH 3 ARTH 3 NO COM	PARABLE COURSE 04 Ancient Art (06 & Medieval Art (08 Renaissance Tradition (in Art 08 & Renaissance Tradition (in Art 10 Modern Art (32 Asian Art (PARABLE COURSE	(3)(3)(3)(3)
ARTHI 1A ARTHI 1B ARTHI 1C ARTHI 1D ARTHI 1E ARTHI 5	Contemp Vis Culture Ancient Mediterranean Art Mediev&Renaiss Art Baroque to Modern Art Arts of Asia Islamic Art & Architecture Visual Culture	(4) (4) (4) (4) (4)	NO COM ARTH 3 ARTH 3 ARTH 3 ARTH 3 ARTH 3 ARTH 3 NO COM	PARABLE COURSE 04 Ancient Art (06 & Medieval Art (08 Renaissance Tradition (in Art 08 & Renaissance Tradition (in Art 10 Modern Art (32 Asian Art (PARABLE COURSE	(3)(3)(3)(3)

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

Special Advising Note:

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College Foreign Language Requirement Note:

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

http://llc.ucdavis.edu/foreign-language-placement-exams
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.

______ A A STD 1 Hist Exp Asian Am (4) ETHNS 330 The Asian American (3) Experience in America A A STD 2 Contemp Issues of Asian (4) NO COMPARABLE COURSE Americans A A STD 3 Social & Psychological (4) NO COMPARABLE COURSE Perspectives of Asian Americans A A STD 4 Asian Amer Cultural (4) NO COMPARABLE COURSE Studies

AT LEAST TWO COURSES FROM THE FOLLOWING:

AF-AMST 10	Af-Am Culture & Soc	(4)	NO COMPARABLE COURSE
AF-AMST 12	Intro Afro Studies	(4)	NO COMPARABLE COURSE
AF-AMST 15	Intro Afro Amer Hum	(4)	NO COMPARABLE COURSE
AF-AMST 16	African Verbal Arts	(4)	NO COMPARABLE COURSE
AF-AMST 17	Women in Africa	(4)	NO COMPARABLE COURSE
AF-AMST 18	Intro Caribbean Studies	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s)for articulation
AF-AMST 50	Blk Images Pop Cult	(4)	NO COMPARABLE COURSE
AF-AMST 51	History Af-Amr Dance	(4)	NO COMPARABLE COURSE
AF-AMST 52	Afr Tradit Relig	(4)	NO COMPARABLE COURSE
AF-AMST 80	Black Politics	(4)	NO COMPARABLE COURSE
AMR STD 1A	Science and American	(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		NO COMPARABLE COURSE
AMR STD 5	Tech in Amr Lives		NO COMPARABLE COURSE
AMR STD 10	Intro American Studies		NO COMPARABLE COURSE
AMR STD 21 AMR STD 25	Objects & Everyday Life U.S. as Business		NO COMPARABLE COURSE
AMR SID 25	Culture	(4)	NO COMPARABLE COURSE
AMR STD 30	Amr Images Pop Cult	(4)	HUM 332 American Humanities (3)
AMR STD 55	Food in Amer Culture		NO COMPARABLE COURSE
	FD S&T 55	(- /	
AMR STD 59	Music and American	(4)	MUFHL 309 Introduction to (3)
	Culture		American Popular
			Music
CHICANO 10	Intro to Chic Std	(4)	ETHNS 340 Chicanos/Mexican (3)
			Americans in the U.S.
CHICANO 21	Hlth Care Issues		NO COMPARABLE COURSE
CHICANO 30	US Poli & Chicanos		NO COMPARABLE COURSE
CHICANO 40	Comparative Health		NO COMPARABLE COURSE
CHICANO 50	Chicano Culture	(4)	ETHNS 341 The Sociology & (3)
			Psychology of
			Mexicans and Latinos
CHICANO 60	Chicana and Chicano	(1)	in the U.S.
CHICANO 60	Representn in Cinema	(4)	NO COMPARABLE COURSE
CHICANO 65	New Latin American	(4)	 NO COMPARABLE COURSE
CITCANO 05	Cinema	(1)	NO COMPANABLE COOKSE
CHICANO 70	Survey Chic Art	(4)	NO COMPARABLE COURSE
CHICANO 73	Art Expr Silk Scr		NO COMPARABLE COURSE
N A STD 1	Intro NA Studies		ETHNS 350 Introduction to (3)
		. ,	Native American
			Studies
			OR OR
			ETHNS 351 Native American (3)
			Culture and the
			Impact of Federal
_			Policy
N A STD 5	Intro NA Literature		NO COMPARABLE COURSE
N A STD 7	Indig & Minority Langs	(4)	NO COURSE ARTICULATED: College has not
N 7 CTD 10	NA Experience	(1)	submitted course(s)for articulation NO COMPARABLE COURSE
N A STD 10 N A STD 12	NA Experience Native Amer/Indigenous		NO COURSE ARTICULATED: College has not
N A DID 12	Film	(1)	submitted course(s)for articulation
N A STD 32	NA Music & Dance	(4)	NO COMPARABLE COURSE
N A STD 33	Intro NA Art		ARTH 325 Native American Art (3)
			History
N A STD 34	NA Art Workshop	(4)	NO COMPARABLE COURSE
WOM STD 20	Cult Repr of Gndr		NO COMPARABLE COURSE
WOM STD 25	Gender & Global Cinema	(4)	TAFILM 307 Diversity in (3)
			American Film
WOM STD 50	Intro Gender Studies	(4)	WGS 300
		(4)	Studies
	Feminist Critiques		NO COMPARABLE COURSE
WOM STD 70	Sexual:Thry&Hist LEAST TWO COURSES FROM THE		NO COMPARABLE COURSE
ANTHRO 13	Sci Method in Physical		NO COMPARABLE COURSE
ANTIRO 13	Anthropology	(4)	NO COMPARABLE COURSE
ARTHI 5	Visual Culture	(4)	 NO COMPARABLE COURSE
	e Art Appreciation		ARTH 300 Introduction to Art (3)
	ontemp Vis Culture		NO COMPARABLE COURSE
CHICANO 23	Qualitative Research		NO COMPARABLE COURSE
	Methods	•	
ENGLISH 42	Approaches to Reading	(4)	NO COMPARABLE COURSE
PHILOS 5	Critical Reasoning	(4)	PHIL 320 Logic and Critical (3)
		, ,	·
	J	, ,	Reasoning

N A STD 46	Orientation to Research in NAS	(4)	NO COMPARAB	LE COURSE	
POL SCI 51	Scientific Study of Politics	(4)	NO COMPARAB	LE COURSE	
PSYCH 41	Research Methods	(4)	PSYC 335 	Research Methods in Psychology	(3)
SOCIOL 46A	Intro Social Rsch	(4)	NO COMPARAB	LE COURSE	
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARAB	LE COURSE	
STATIST 13	Elementary Statistics	(4)	STAT 300	Introduction to	(4)
Same as:	STATIST 13Y		j	Probability and	
			j	Statistics	
			OR		
			STAT 480	Introduction to	(4)
			j	Probability and	
				Statistics - Honors	
			OR		
			ECON 310	Economic Statistics	(3)
			1 = 2 2 2 2 2		()

END OF MAJOR

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

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is $\frac{\text{highly recommended}}{\text{Preparing well for}}$ 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 2	Bot Physio Cul Plt	(4) NO COMPARAB	LE COURSE	
CHEM 2A CHEM 2B	Genl Chemistry Genl Chemistry	(5) CHEM 400 (5) CHEM 400 & CHEM 401	General Chemistry I (5) 5) 5)
	Programming FENG CS 30	(4) CISP 360 OR	Introduction to (4	4)
		CISP 401	Object Oriented (Programming with Java	4)

or a course selected with advisor's approval

MATH	21A	Calculus	(4)	MATH	400	Calculus I	(5)
MATH	21B	Calculus	(4)	MATH	401	Calculus II	(5)
MATH	21C	Calculus	(4)	MATH	402	Calculus III	(5)
MATH	21D	Vector Analysis	(4)	MATH	402	Calculus III	(5)
MATH	22A	Linear Algebra	(3)	MATH	410	Introduction to Linear	(3)
				ĺ		Algebra	
MATH	22B	Differntl Equations	(3)	MATH	420	Differential Equations	(4)

	Science											
PHYSICS 9A	Classical Physics	(5)	 PHYS 	410	<u>&</u>	Mechanics of Solids and Fluids	(5)					
			PHYS	420	<u>&</u>	Electricity and Magnetism	(5)					
			PHYS			Heat, Waves, Light and Modern Physics	(5)					
PHYSICS 9B	Classical Physics	(5)	PHYS 	410	<u>&</u>	Mechanics of Solids and Fluids	(5)					
			PHYS 	420	<u>&</u>	Electricity and Magnetism	(5)					
			PHYS 	430		Heat, Waves, Light and Modern Physics	(5)					
PHYSICS 9C	Classical Physics	(5)			_	Mechanics of Solids and Fluids	(5)					
			j		_	Electricity and Magnetism	(5)					
			PHYS 	430		Heat, Waves, Light and Modern Physics	(5)					
	Elementary Statistics STATIST 13Y	(4)	STAT OF			Introduction to Probability and Statistics	(4)					
			STAT	480		Introduction to Probability and Statistics - Honors	(4)					
			<u>O</u> E ECON	-		Economic Statistics	(3)					
PREPARATION FOR GRADUATION:												
ENGIN 6	Engr Prob Solving		ENGR 			Engineering Problem Solving	(3)					

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

Special Advising Note:

END OF MAJOR

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	402	Cell and Molecular Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology	(5)			Plant Biology	(5)
	& Evolution		BIOL	422	Animal Biology	(5)
BIOLSCI 2C	Intro Biology:					(5)
	Biodiversity & the Tree of Life		BIOL	422	Animal Biology	(5)
CHEM 2A	-		1	400	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)			General Chemistry I	(5)
				401		
CHEM 2C	Genl Chemistry OR	(5)	CHEM	401	General Chemistry II OR	(5)
CHEM 2AH	Honors Genl Chemistry	(5)	NO CO	OMPARAI	BLE COURSE	
CHEM 2BH	Honors Genl Chemistry	(5)	NO CO	OMPARAI	BLE COURSE	
CHEM 2CH	Honors Genl Chemistry	(5)	CHEM	401 <u>&</u>	General Chemistry II	(5)
			CHEM	484		(1)
					Chemistry - Honors	
MATH 17A	Calculus for BioSci	(4)	 MATH 	350	Calculus for the Life and Social Sciences I	(3)
MATH 17B	Calculus for Biosci	(4)	MATH	351	Calculus for the Life and Social Sciences II	(3)
MATH 17C	Calculus for BioSci	(4)	MATH	352	Calculus for Biology	(2)
					and Medicine	
	OR				OR	
MATH 21A					Calculus I	(5)
MATH 21B	Calculus	(4)	MATH	401	Calculus II	(5)
PHYSICS 7A	General Physics	(4)	PHYS	350 <u>&</u>	General Physics	(4)
				360	General Physics	(4)
PHYSICS 7B	General Physics	(4)			General Physics	(4)
			PHYS		General Physics	(4)
PHYSICS 7C	General Physics	(4)	PHYS	350 <u>&</u>	General Physics	(4)
TH 3 - 1-3 - 1-1				360		(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		1			OR	
PHYSICS 9A	Classical Physics	(5)	PHYS	410	<u>&</u>	Mechanics of Solids and Fluids	(5)
			PHYS	420	<u>&</u>	Electricity and Magnetism	(5)
			PHYS	430		Heat, Waves, Light and Modern Physics	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS	410	<u>&</u>	Mechanics of Solids and Fluids	(5)
			PHYS	420	<u>&</u>	Electricity and Magnetism	(5)
			PHYS	430		Heat, Waves, Light and Modern Physics	(5)
PHYSICS 9C	Classical Physics	(5)	PHYS	410	<u>&</u>	Mechanics of Solids and Fluids	(5)
			PHYS	420	<u>&</u>	Electricity and Magnetism	(5)
			PHYS	430		Heat, Waves, Light and Modern Physics	(5)
k) CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM			Organic Chemistry with Biological Emphasis I	(4)
			OR	-		Orango i a Chamiatana I	<i>(</i> 「)
k) CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM CHEM		<u>&</u>	Organic Chemistry I Organic Chemistry with	
			 СНЕМ 	426		Biological Emphasis I Organic Chemistry with Biological Emphasis II	(4)
			OR	-			<i>(</i> - <i>)</i>
			CHEM CHEM		<u>&</u>	Organic Chemistry I Organic Chemistry II	(5) (5)
k) CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM	426		Organic Chemistry with Biological Emphasis	
			OR CHEM	-		Organic Chemistry II	(5)
	OR					OR	() /
k) CHEM 128A	Organic Chemistry	(3)	CHEM	420		Organic Chemistry I	(5)
k) CHEM 128B	Organic Chemistry	(3)	CHEM				(5)
1 \ 0.55			CHEM	421		Organic Chemistry II	(5)
k) CHEM 128C	Organic Chemistry	(3)	CHEM	421		Organic Chemistry II	(5)
K) CHEM 129A k) CHEM 120D	Organic Chem Lab	(Z) (2)	CHEM	420 420	æ	Organic Chemistry I	(5) (5)
is, Cher 1276	Organic Chem Lab Organic Chem Lab	(4)	CHEM	421	<u>«</u>	Organic Chemistry II	(5)
			' NDED:				
MATH 21C C	alculus	(4)	MATH			Calculus III	

END OF MAJOR

k) If a student takes CHEM 420,421 at Sacramento City College, credit will be given for UC Davis's CHEM 118A,B,C series OR the 128A,B,C,129A,B,C series, not both.

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.

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.

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			 01	₹.	II	
k) CHEM 1180	C Org Chem, Hlth & Sci	(4)	CHEM		Organic Chemistry I Organic Chemistry II Organic Chemistry with Biological Emphasis II	(5)
			OI	ર		
			CHEM	421	Organic Chemistry II	(5)
MATH 17A	Calculus for BioSci	(4)	MATH 	350	Calculus for the Life and Social Sciences I	(3)
MATH 17B	Calculus for Biosci	(4)	MATH	351	Calculus for the Life and Social Sciences II	(3)
	OR		İ		OR	
MATH 21A	Calculus	(4)	MATH	400	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH	401	Calculus II	(5)
PHYSICS 1A	Principles Physics	(3)	NO CO	OMPAR	BLE COURSE	
PHYSICS 1B	Principles Physics	(3)	NO CO	OMPAR	BLE COURSE	
	OR		ļ		OR	
PHYSICS 7A	General Physics	(4)	:	350 <u>4</u>	<u> </u>	(4) (4)
PHYSICS 7B	General Physics	(4)			2 · · · · ·	(4)
			PHYS	360	General Physics	(4)
PHYSICS 7C	General Physics	(4)				(4)
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			•		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.

- . -----

RECOMMENDED COURSES FOR THIS MAJOR:

CHEM 2C	Genl Chemistry	(5) CHEM 401	General Chemistry II	(5)
MATH 17C	Calculus for BioSci	(4) MATH 352	Calculus for Biology and Medicine	(2)
MATH 21C	OR Calculus	 (4) MATH 402	OR Calculus III	(5)

END OF MAJOR

k) If a student takes CHEM 420,421 at Sacramento City College, credit will be given for UC Davis's CHEM 118A,B,C series OR the 128A,B,C,129A,B,C series, not both.

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

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

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

avaılabl	le froi	m our TAG web	site.						
BIOLSCI	2A	 Intro Biolog Earth	y:Life on	(5)	 BIOL 	402		Cell and Molecular Biology	(5)
BIOLSCI	2B	Intro Biolog	y: Ecology	(5)	:		_	Plant Biology	(5)
		& Evolution			BIOL			Animal Biology	(5)
BIOLSCI	2C	Intro Biolog			!		_		(5)
		Biodiversity of Life	& the Tree		BIOL	422		Animal Biology	(5)
CHEM 2A		nl Chemistry							(5)
CHEM 2B	Ge	nl Chemistry		(5)					(5)
CITEM OC	Q			/ - \	CHEM	401		General Chemistry II	(5)
CHEM 2C	Ge:	nl Chemistry		(5)	 	401 		General Chemistry II	(5)
		ganic Chem-Br						LE COURSE	
CHEM 8B	Org	ganic Chem-Br OR	ief	(4)	NO CO	OMPAF	RABI		
k) CHEM	118A	~	Hlth & Sci	(4)	 CHEM 	425		OR Organic Chemistry with Biological Emphasis I	(4)
					OI	<u> </u>		5	
					CHEM			Organic Chemistry I	
k) CHEM	118B	Org Chem,	Hlth & Sci	(4)	CHEM	425	<u>&</u>	Organic Chemistry with	(4)
					CITEM	126		Biological Emphasis I	(1)
					CHEM	420		Organic Chemistry with Biological Emphasis	(4)
								II	
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					CHEM		<u>&</u>	Organic Chemistry I	
la) CHEM	1100	Org Chem,	ul+b c cai	(1)	CHEM			Organic Chemistry II Organic Chemistry with	(5)
K) CHEM	1100	org chem,	HICH & SCI	(4)	CHEM	420		Biological Emphasis	(4)
								II	
					OI	_			
					CHEM 	421 		Organic Chemistry II	(5)
MATH 17	A C	alculus for B	ioSci	(4)	MATH	350		Calculus for the Life	(3)
				(4)		251		and Social Sciences I	(2)
MATH 17E	3 C	alculus for B	loscl	(4)	MATH	351		Calculus for the Life and Social Sciences II	(3)
MATH 170	C C	alculus for B	ioSci	(4)	MATH	352		Calculus for Biology	(2)
								and Medicine	
MATH 21 <i>i</i>	\ C.	OR alculus		(1)	 MATH	400		OR Calculus I	(5)
MATH 21F		alculus			MATH			Calculus II	(5)
					· 				
PHYSICS	7A	General Phys	ics	(4)	PHYS			General Physics	(4)
PHYSICS	7B	General Phys	ics	(4)	PHYS PHYS			General Physics General Physics	(4) (4)
11110100	, ப	General Filys	100	(1)	PHYS			General Physics	(4)
PHYSICS	7C	General Phys	ics	(4)	1			General Physics	(4)
					PHYS	360		General Physics	(4)
It is hi	ighly :	recommended t	hat student	s co	mplete	e 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 COURSES FOR THIS MAJOR:

MATH 21C Calculus END OF MAJOR

(4) MATH 402 Calculus III

(5

k) If a student takes CHEM 420,421 at Sacramento City College, credit will be given for UC Davis's CHEM 118A,B,C series OR the 128A,B,C,129A,B,C series, not both.

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

Special Advising Note:

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

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

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

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

requirements in English and mathematics by the end of fall term prior to enrollment. See the UC Davis transfer admission website for details.

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

AP and IB examination credit policies are detailed in the UC Davis 2018-2019 $\underline{\text{General Catalog}}$. 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

====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/

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

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

Special Advising Note:

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

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

- --A minimum of one course comparable to a UC Davis Biological Sciences 2 series course must be completed with a B grade or higher for admission.
- --If multiple courses are required to satisfy one UC Davis Biological Sciences 2 series course, each of those courses must be completed and the GPA for those courses must be 3.00 or higher.
- --If courses comparable to two UC Davis Biological Sciences 2 series courses or the entire Biological Sciences 2 series are completed, a group GPA of 2.50 or higher is required.

We <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 available from our TAG website.

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BIC	OLSCI		Intro Biolog Earth	gy:Life on	(5)	 BIOL 	402		Cell and Biology	d Molecular		(5)
BIO	OLSCI			gy: Ecology	(5)	 BIOL	412	&				(5)
			Evolution	5151						Biology		(5)
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СНІ	EM 2A	Gen	l Chemistry		(5)	CHEM	400		General	Chemistry	I	(5)
CHI	EM 2B	Gen	l Chemistry		(5)					Chemistry		
										Chemistry		
CHI	EM 2C	Gen	l Chemistry		(5)	CHEM			General	Chemistry	II	(5)
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K)	CHEM	TT8B	Org Chem,	Hlth & Sci	(4)	CHEM	425	<u>&</u>				(4)
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k)	CHEM	128B	Organic Ch	nemistry	(3)	CHEM				Chemistry		(5)
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k)				nem Lab 		CHEM	420 		Organic	Chemistry	I 	(5)
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						MATH	400		Calculus	s I		(5)

MATH 16B	Short Calculus	(3)	MATH 	351	Calculus for the Life and Social Sciences II	(3)
			OI	<u>R</u>		
			MATH	401	Calculus II	(5)
	OR				OR	
MATH 17A	Calculus for BioSci	(4)	MATH	350	Calculus for the Life	(3)
					and Social Sciences I	
MATH 17B	Calculus for Biosci	(4)	MATH	351	Calculus for the Life	(3)
					and Social Sciences II	
	OR				OR	
MATH 21A	Calculus	(4)	MATH	400	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH	401	Calculus II	(5)
PHYSICS 7A	General Physics	(4)	 phys	350 &	General Physics	(4)
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PHYSICS 7B	General Physics	(4)			General Physics	(4)
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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.

pnysics.							
	COURSEWORK FOR B	IOINI	FORMAT	rics op	TION:		
ENG CS 20	C Sci/Discrete Math	(4)	CISP 	440	Discrete Structures for Computer Science	(3)	
	Programming ENG CS 30	(4)	CISP OH		Introduction to Structured Programming	(4)	
			CISP	_	Object Oriented Programming with Java	(4)	
RESTRICTED ELECTIVES FOR BIOINFORMATICS OPTION:							
	Object-Oriented Program ENG CS 40	(4)	CISP 	400	Object Oriented Programming with C++	(4)	
	Data Structures ENG CS 60	(4)	CISP	430	Data Structures	(4)	
ENG CS 50	Machine Dependent Prog	(4)	CISP	310	Assembly Language Programming for Microcomputers	(4)	

END OF MAJOR

k) If a student takes CHEM 420,421 at Sacramento City College, credit will be given for UC Davis's CHEM 118A,B,C series OR the 128A,B,C,129A,B,C series, not both.

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

Special Advising Note:

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

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

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:

 ${\tt AP}$ 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.

available from our TAG website.			
BIOLSCI 2A Intro Biology:Life on Earth	(5)	BIOL 402 Cell and Molecular (Biology	5)
	(5)	:	5)
& Evolution			5)
BIOLSCI 2C Intro Biology:		•	5)
Biodiversity & the Tree of Life		BIOL 422 Animal Biology (5)
CHEM 2A Genl Chemistry			5)
CHEM 2B Genl Chemistry	(5)	·	5)
CHEM 2C Genl Chemistry	/ E \	CHEM 401 General Chemistry II (CHEM 401 General Chemistry II (5) 5)
Chem 2C Geni Chemistry	(5)	Cnam 401 General Chemistry II (
CHEM 8A Organic Chem-Brief	(2)	NO COMPARABLE COURSE	
CHEM 8B Organic Chem-Brief	(4)	NO COMPARABLE COURSE	
OR	(1)	OR	1)
k) CHEM 118A Org Chem, Hlth & Sci	(4)	CHEM 425 Organic Chemistry with (Biological Emphasis I	4)
		OR	
		CHEM 420 Organic Chemistry I (
k) CHEM 118B Org Chem, Hlth & Sci	(4)	CHEM 425 & Organic Chemistry with (4)
		Biological Emphasis I	1)
		CHEM 426 Organic Chemistry with (Biological Emphasis	4)
		II	
		OR	
		CHEM 420 & Organic Chemistry I (-
1) GYERY 110G	(1)		5)
k) CHEM 118C Org Chem, Hlth & Sci	(4)	CHEM 426 Organic Chemistry with (Biological Emphasis	4)
		II	
		<u>OR</u>	
		CHEM 421 Organic Chemistry II (5)
MATH 17A Calculus for BioSci	(4)	MATH 350 Calculus for the Life (3)
	, ,	and Social Sciences I	,
MATH 17B Calculus for Biosci	(4)		3)
MARIE 170 Colouber for DioCoi	(1)	and Social Sciences II	2 \
MATH 17C Calculus for BioSci	(4)	MATH 352 Calculus for Biology (and Medicine	2)
OR		OR	
MATH 21A Calculus		· ·	5)
MATH 21B Calculus	(4)	MATH 401 Calculus II (5)
PHYSICS 7A General Physics	(4)	PHYS 350 & General Physics (4)
THIBTOD / TO GENERAL THIPBEED	(- /	-	4)
PHYSICS 7B General Physics	(4)	:	4)
	,		4)
PHYSICS 7C General Physics	(4)	·	4)
It is highly recommended that students	ק כחי		4)
their community college that is equive			s/C
series before transferring. Students v	who '	transfer without completing an entire	
series may be required to take addition		physics courses upon arrival at UC	

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

END OF MAJOR

k) If a student takes CHEM 420,421 at Sacramento City College, credit will be given for UC Davis's CHEM 118A,B,C series OR the 128A,B,C,129A,B,C series, not both.

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

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

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CHEM 2C	CHEM 2A CHEM 2B	Genl Chemistry Genl Chemistry	(5)	CHEM	400 &	General Chemistry I General Chemistry I General Chemistry II	(5) (5) (5)
CHEM 2BH	CHEM 2C	-	(5)	CHEM	401	General Chemistry II	
CHEM 2BH	CHEM 2AH	Honors Genl Chemistry	(5)	ио со	MPARAB:	LE COURSE	
CHEM 484	CHEM 2BH	Honors Genl Chemistry	(5)	NO CO	MPARAB:	LE COURSE	
CHEM 484	CHEM 2CH	Honors Genl Chemistry	(5)	CHEM	401 <u>&</u>	General Chemistry II	(5)
PHYSICS 9A Classical Physics (5) PHYS 410 & Mechanics of Solids (5) and Fluids PHYS 420 & Electricity and (5) Magnetism PHYS 420 & Mechanics of Solids (5) Magnetism PHYS 420 & Mechanics of Solids (5) Modern Physics (5) PHYS 420 & Electricity and (5) Magnetism PHYS 420 & Electricity and (5) Magnetism PHYS 430 Heat, Waves, Light and (5) Modern Physics (5) PHYS 430 Heat, Waves, Light and (5) Modern Physics (5) PHYS 420 & Electricity and (5) Modern Physics (5) PHYS 420 & Electricity and (5) Magnetism PHYS 420 & Electricity and (5) Magnetism PHYS 420 & Electricity and (5) Magnetism PHYS 420 & Electricity and (5) Magnetism PHYS 420 & Electricity and (5) Magnetism PHYS 420 & Electricity and (5) Magnetism PHYS 420 & Electricity and (5) Magnetism PHYS 420 & Electricity and (5) Magnetism PHYS 420 & Electricity and (5) Magnetism Algebra (4) MATH 401 Calculus II (5) (5) MATH 210 Calculus (4) MATH 401 Calculus II (5) (5) MATH 210 Vector Analysis (4) MATH 402 Calculus III (5) (5) MATH 220 Linear Algebra Algebra Algebra MATH 2241 Lin Algebra MATH 2241 Lin Algebra Linear Linear Linear Linear Linear Linear Linear Linear Linear Linear Linear Linear Linear Linear Linear Linear Line				CHEM	484	Advanced General	(1)
PHYSICS 9A Classical Physics (5) PHYS 410							
PHYS 420 & Electricity and (5) Magnetism	PHYSICS 9A	Classical Physics	(5)	 PHYS	410 <u>&</u>	Mechanics of Solids	
Magnetism							<i>(</i> - <i>)</i>
Modern Physics					_	Magnetism	
PHYSICS 9B Classical Physics (5) PHYS 410 & Mechanics of Solids (5) and Fluids PHYS 420 & Electricity and (5) Magnetism PHYS 430 Heat, Waves, Light and (5) Modern Physics PHYSICS 9C Classical Physics (5) PHYS 410 & Mechanics of Solids (5) and Fluids PHYS 420 & Electricity and (5) Magnetism PHYS 420 & Electricity and (5) Magnetism PHYS 430 Heat, Waves, Light and (5) Magnetism PHYS 430 Heat, Waves, Light and (5) Modern Physics PHYSICS 9D Modern Physics (4) NO COMPARABLE COURSE MATH 21A Calculus (4) MATH 400 Calculus I (5) MATH 21B Calculus (4) MATH 401 Calculus II (5) MATH 21C Calculus (4) MATH 402 Calculus III (5) MATH 21D Vector Analysis (4) MATH 402 Calculus III (5) MATH 22A Linear Algebra (3) MATH 410 Introduction to Linear (3) Algebra MATH 22AL Lin Alg Comp Lab (1) NO COMPARABLE COURSE				PHYS 	430		(5)
PHYS 420 & Electricity and (5) Magnetism PHYS 430 Heat, Waves, Light and (5) Modern Physics PHYSICS 9C Classical Physics (5) PHYS 410 & Mechanics of Solids (5) and Fluids PHYS 420 & Electricity and (5) Magnetism PHYS 430 Heat, Waves, Light and (5) Magnetism PHYS 430 Heat, Waves, Light and (5) Modern Physics PHYSICS 9D Modern Physics (4) NO COMPARABLE COURSE MATH 21A Calculus (4) MATH 400 Calculus I (5) MATH 21B Calculus (4) MATH 401 Calculus II (5) MATH 21C Calculus (4) MATH 402 Calculus III (5) MATH 21D Vector Analysis (4) MATH 402 Calculus III (5) MATH 22A Linear Algebra (3) MATH 410 Introduction to Linear (3) Algebra MATH 22AL Lin Alg Comp Lab (1) NO COMPARABLE COURSE	PHYSICS 9B	Classical Physics	(5)	PHYS	410 &		(5)
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Magnetism PHYS 430 Heat, Waves, Light and (5) Modern Physics				PHYS	420 <u>&</u>	Electricity and	(5)
MATH 21A Calculus (4) MATH 400 Calculus I (5) MATH 21B Calculus (4) MATH 401 Calculus II (5) MATH 21C Calculus (4) MATH 402 Calculus III (5) MATH 21D Vector Analysis (4) MATH 402 Calculus III (5) MATH 22A Linear Algebra (3) MATH 410 Introduction to Linear (3) Algebra MATH 22AL Lin Alg Comp Lab (1) NO COMPARABLE COURSE				1		Magnetism	
PHYSICS 9D Modern Physics (4) NO COMPARABLE COURSE MATH 21A Calculus (4) MATH 400 Calculus I (5) MATH 21B Calculus (4) MATH 401 Calculus II (5) MATH 21C Calculus (4) MATH 402 Calculus III (5) MATH 21D Vector Analysis (4) MATH 402 Calculus III (5) MATH 22A Linear Algebra (3) MATH 410 Introduction to Linear (3) Algebra MATH 22AL Lin Alg Comp Lab (1) NO COMPARABLE COURSE				PHYS			(5)
MATH 21A Calculus (4) MATH 400 Calculus I (5) MATH 21B Calculus (4) MATH 401 Calculus II (5) MATH 21C Calculus (4) MATH 402 Calculus III (5) MATH 21D Vector Analysis (4) MATH 402 Calculus III (5) MATH 22A Linear Algebra (3) MATH 410 Introduction to Linear (3) MATH 22AL Lin Alg Comp Lab (1) NO COMPARABLE COURSE							
MATH 21A Calculus (4) MATH 400 Calculus I (5) MATH 21B Calculus (4) MATH 401 Calculus II (5) MATH 21C Calculus (4) MATH 402 Calculus III (5) MATH 21D Vector Analysis (4) MATH 402 Calculus III (5) MATH 22A Linear Algebra (3) MATH 410 Introduction to Linear (3) MATH 22AL Lin Alg Comp Lab (1) NO COMPARABLE COURSE	PHYSICS 9D	Modern Physics	(4)	NO CO			
MATH 21B Calculus (4) MATH 401 Calculus II (5) MATH 21C Calculus (4) MATH 402 Calculus III (5) MATH 21D Vector Analysis (4) MATH 402 Calculus III (5) MATH 22A Linear Algebra (3) MATH 410 Introduction to Linear (3) Algebra MATH 22AL Lin Alg Comp Lab (1) NO COMPARABLE COURSE	MATH 21A	Calculus	(4)	 MATH			
MATH 22A Linear Algebra (3) MATH 410 Introduction to Linear (3) Algebra Algebra	MATH 21B	Calculus	(4)	MATH	401	Calculus II	
MATH 22A Linear Algebra (3) MATH 410 Introduction to Linear (3) Algebra Algebra	MATH 21C	Calculus	(4)	MATH	402	Calculus III	(5)
MATH 22A Linear Algebra (3) MATH 410 Introduction to Linear (3) Algebra Algebra	MATH 21D	Vector Analysis	(4)	MATH	402	Calculus III	(5)
MATH 22AL Lin Alg Comp Lab (1) NO COMPARABLE COURSE	MATH 22A	Linear Algebra	(3)	MATH	410	Introduction to Linear	(3)
MATH 22AL Lin Alg Comp Lab (1) NO COMPARABLE COURSE MATH 22B Differentl Equations (3) MATH 420 Differential Equations (4)				ļ		_	
MATH 22B Differential Equations (3) MATH 420 Differential Equations (4)	MATH 22AL	Lin Alg Comp Lab	(1)	NO CO	MPARAB:	LE COURSE	,
	MATH 22B	Differntl Equations	(3)	MATH 	420	Differential Equations	(4)

	k) CHEM 128A	Organic Chemistry	(3) CHEM 420	Organic Chemistry I	(5)
CHEM 421 Organic Chemistry II (5	k) CHEM 128B	Organic Chemistry	(3) CHEM 420 &	Organic Chemistry I	(5)
CHEM 121 Organic Chemistry ii (5			CHEM 421	Organic Chemistry II	(5)
k) CHEM 129A Organic Chem Lab (2) CHEM 420 Organic Chemistry I (5	k) CHEM 129A	Organic Chem Lab	(2) CHEM 420	Organic Chemistry I	(5)

END OF MAJOR

k) If a student takes CHEM 420,421 at Sacramento City College, credit will be given for UC Davis's CHEM 118A,B,C series OR the 128A,B,C,129A,B,C series, not both.

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

CHEM 2A	Genl Chemistry	(5)	CHEM	400		General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM	400	&	General Chemistry I	(5)
			CHEM	401		General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM	401		General Chemistry II	(5)
	OR					OR	
CHEM 2AH	Honors Genl Chemistry	(5)	NO CO	OMPAI	RAB	LE COURSE	
CHEM 2BH	Honors Genl Chemistry	(5)	NO CO	OMPAI	RAB	LE COURSE	
CHEM 2CH	Honors Genl Chemistry	(5)	CHEM	401	&	General Chemistry II	(5)
			CHEM	484		Advanced General	(1)
			İ			Chemistry - Honors	
PHYSICS 7A	General Physics	(4)	PHYS	350	&	General Physics	(4)
			PHYS	360		General Physics	(4)
PHYSICS 7B	General Physics	(4)	PHYS	350	&	General Physics	(4)
			PHYS	360		General Physics	(4)
PHYSICS 7C	General Physics	(4)	PHYS	350	&	General Physics	(4)
			PHYS	360	_	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.

	OR					OR	
PHYSICS 9A	Classical Physics	(5)	PHYS	410	<u>&</u>	Mechanics of Solids and Fluids	(5)
			PHYS	420	<u>&</u>	Electricity and Magnetism	(5)
			PHYS	430		Heat, Waves, Light and Modern Physics	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS	410	<u>&</u>	Mechanics of Solids and Fluids	(5)
			PHYS	420	<u>&</u>	Electricity and Magnetism	(5)
			PHYS	430		Heat, Waves, Light and Modern Physics	(5)
PHYSICS 9C	Classical Physics	(5)	PHYS	410	<u>&</u>	Mechanics of Solids and Fluids	(5)
			PHYS	420	<u>&</u>	Electricity and Magnetism	(5)
			PHYS	430		Heat, Waves, Light and Modern Physics	(5)
MATH 16A	Short Calculus	(3)	MATH			Calculus for the Life and Social Sciences I	(3)
			<u>OI</u> MATH			Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH MATH OI	351		Calculus for the Life and Social Sciences II	(3)
MATH 16C	Short Calculus	(3)	<u>OF</u> MATH MATH 	401		Calculus II Calculus for the Life and Social Sciences II	(5) (3)
			OF MATH	_		Calculus II	(5)
	OR					OR	
MATH 17A	Calculus for BioSci	(4)	MATH	350		Calculus for the Life and Social Sciences I	(3)
MATH 17B	Calculus for Biosci	(4)	MATH	351		Calculus for the Life and Social Sciences II	(3)
MATH 17C	Calculus for BioSci	(4)	MATH	2 5 2		Calculus for Biology	(2)

					and Medicine
	OR				OR
MATH 21A	Calculus	(4)	MATH	400	Calculus I (5)
MATH 21B	Calculus	(4)	MATH	401	Calculus II (5)
MATH 21C	Calculus	(4)	MATH	402	Calculus III (5)
k) CHEM 128	A Organic Cl	<u> -</u> , , ,	 CHEM		Organic Chemistry I (5)
k) CHEM 1281	B Organic Cl	hemistry (3)	CHEM	420	
			CHEM	421	Organic Chemistry II (5)
k) CHEM 1280	C Organic Ch	hemistry (3)	CHEM	421	Organic Chemistry II (5)
k) CHEM 1292	A Organic Ch	them Lab (2)	CHEM	420	Organic Chemistry I (5)
k) CHEM 1291	B Organic Ch	them Lab (2)	CHEM	420	$\underline{\&}$ Organic Chemistry I (5)
			CHEM	421	Organic Chemistry II (5)

END OF MAJOR

k) If a student takes CHEM 420,421 at Sacramento City College, credit will be given for UC Davis's CHEM 118A,B,C series OR the 128A,B,C,129A,B,C series, not both.

====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 $\frac{\text{highly recommended}}{\text{Preparing well for}}$ that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

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Transfer Admission Guarantee (TAG) Note:

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

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

available 110m out 1AG website.	
CHEM 2A Genl Chemistry	(5) CHEM 400 General Chemistry I (5)
CHEM 2B Genl Chemistry	(5) CHEM 400 & General Chemistry I (5)
	CHEM 401 General Chemistry II (5)
CHEM 2C Genl Chemistry	· · · · · · · · · · · · · · · · · · ·
OR	OR
CHEM 2AH Honors Genl Chemistry	y (5) NO COMPARABLE COURSE
CHEM 2BH Honors Genl Chemistry	y (5) NO COMPARABLE COURSE
CHEM 2BH Honors Genl Chemistry CHEM 2CH Honors Genl Chemistry	y (5) CHEM 401 & General Chemistry II (5)
	CHEM 484 Advanced General (1)
	Chemistry - Honors
PHYSICS 9A Classical Physics	(5) PHYS 410 $\underline{\mathbf{a}}$ Mechanics of Solids (5)
	and Fluids
	PHYS 420 $\underline{\mathbf{\epsilon}}$ Electricity and (5)
	Magnetism
	PHYS 430 Heat, Waves, Light and (5)
	Modern Physics
PHYSICS 9B Classical Physics	(5) PHYS 410 $\underline{\&}$ Mechanics of Solids (5)
	and Fluids
	PHYS 420 $\underline{\mathbf{a}}$ Electricity and (5)
	Magnetism
	PHYS 430 Heat, Waves, Light and (5)
	Modern Physics
PHYSICS 9C Classical Physics	
	and Fluids
	PHYS 420 $\underline{\mathbf{\epsilon}}$ Electricity and (5)
	Magnetism
	PHYS 430 Heat, Waves, Light and (5)
	Modern Physics
MATH 21A Calculus	(4) MATH 400 Calculus I (5)
MATH 21B Calculus	(4) MATH 401 Calculus II (5)
MATH 21C Calculus	(4) MATH 402 Calculus III (5)
MATH 21D Vector Analysis	(4) MATH 402 Calculus III (5)
MATH 22A Linear Algebra	(3) MATH 410 Introduction to Linear (3)
IIIII ZZII ZIIICAI III GEDIA	Algebra
MATH 22AL Lin Alg Comp Lab	1
MATH 22B Differntl Equations	
k) CHEM 128A Organic Chemistry	y (3) CHEM 420 Organic Chemistry I (5)
k) CHEM 128B Organic Chemistry	y (3) CHEM 420 & Organic Chemistry I (5)
	CHEM 421 Organic Chemistry II (5)
k) CHEM 128C Organic Chemistry	y (3) CHEM 421 Organic Chemistry II (5)
k) CHEM 129A Organic Chem Lab	
k) CHEM 129B Organic Chem Lab	
	CHEM 421 Organic Chemistry II (5)
k) CHEM 129C Organic Chem Lab	(2) CHEM 421 Organic Chemistry II (5)

RECOMMENDED COURSES:

PHYSICS 9D	Modern Physics	(4) NO COMPARABLE COURSE

END OF MAJOR

k) If a student takes CHEM 420,421 at Sacramento City College, credit will be given for UC Davis's CHEM 118A,B,C series OR the 128A,B,C,129A,B,C series, not both.

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

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) (5)	CHEM 400 & General Chemistry I (5) 5) 5)
CHEM 2C	Genl Chemistry OR	(5)) CHEM 401 General Chemistry II (5)
CHEM 2AH CHEM 2BH	Honors Genl Chemistry Honors Genl Chemistry	(5) (5)	,	
CHEM 2CH	Honors Genl Chemistry	(5)	CHEM 401 & General Chemistry II (5) 1)
PHYSICS 7A	General Physics	(4)	/! — — — — — · · · · · · · · · · · · · ·	4)
PHYSICS 7B	General Physics	(4)) PHYS 350 & General Physics (4) 4)
PHYSICS 7C	General Physics	(4)) PHYS 350 & General 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.

physics.	OR		ĺ		OR	
PHYSICS 9A	Classical Physics	(5)	 PHYS 41 	10 <u>&</u>	Mechanics of Solids and Fluids	(5)
			PHYS 42	20 <u>&</u>		(5)
			 PHYS 43 	30	Heat, Waves, Light and Modern Physics	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS 41	10 <u>&</u>		(5)
			PHYS 42	20 <u>&</u>		(5)
			 PHYS 43 	30	Heat, Waves, Light and Modern Physics	(5)
PHYSICS 9C	Classical Physics	(5)	 PHYS 41 	10 <u>&</u>	Mechanics of Solids and Fluids	(5)
			 PHYS 42 	20 <u>&</u>	Electricity and Magnetism	(5)
			PHYS 43 	30	Heat, Waves, Light and Modern Physics	(5)
MATH 16A	Short Calculus	(3)	 MATH 35 	50	Calculus for the Life and Social Sciences I	(3)
			OR			
			MATH 40		Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 35 OR	51	Calculus for the Life and Social Sciences II	(3)
			MATH 40	01	Calculus II	(5)
MATH 16C	Short Calculus	(3)	MATH 35	51	Calculus for the Life and Social Sciences II	(3)
			<u>OR</u> MATH 40	١1	Calculus II	(5)
	OR		MAIN 40	7 1	OR	(3)
MATH 17A	Calculus for BioSci	(4)	 МАТН 35 	50	Calculus for the Life and Social Sciences I	(3)
MATH 17B	Calculus for Biosci	(4)	MATH 35 	51	Calculus for the Life and Social Sciences II	(3)
MATH 17C	Calculus for BioSci	(4)	MATH 35 	52	Calculus for Biology and Medicine	(2)
MARIT 01A	OR	(4)	 NATION 4 C	20	OR	/ F \
MATH 21A MATH 21B	Calculus		•		Calculus I Calculus II	(5) (5)
MATH 21C					Calculus III	(5)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 40)2	Cell and Molecular Biology	(5)
	Elementary Statistics STATIST 13Y	(4)	<u> </u> 	00	Introduction to Probability and Statistics	(4)
			<u>OR</u> STAT 48 	30	Introduction to Probability and Statistics - Honors	(4)
	OR		OR ECON 31	10	Economic Statistics OR	(3)
STATIST 32	Gateway to Data Science	(4)	NO COME	PARAB	LE COURSE	

k)	CHEM	118A	Org Chem	, Hlth	& Sc:	i (4)	CHEM 	425		_	Chemistry cal Emphasi		(4)
							OI	R					
							CHEM	420		Organic	Chemistry	Т	(5)
k)	CHEM	118B	Org Chem	нlth	۶ SC:	i (4)			æ	_	Chemistry		(4)
11,	СППП	1102	org chem	, 111-011	u 50.	_ (_ /		123	=		cal Emphasi		(- /
							 CHEM	126		_	Chemistry		(1)
							CUEM	420		_	_		(+)
										_	cal Emphasi	LS	
										II			
							OI	_					
							CHEM	420	<u>&</u>	Organic	Chemistry	I	(5)
							CHEM	421		Organic	Chemistry	II	(5)
k)	CHEM	118C	Org Chem	, Hlth	& Sc	i (4)	CHEM	426		Organic	Chemistry	with	(4)
							ĺ			Biologi	cal Emphasi	İs	
							İ			II	-		
							i oi	R					
							CHEM	421		Organic	Chemistry	ΙΙ	(5)
			OR				i			01	_		(- /
k)	CHEM	128A	Organic (hemist	rv	(3)	CHEM	420		Organic	Chemistry	Т	(5)
,	CHEM		Organic ((3)			۶	_	Chemistry		(5)
12 /	СППП	1205	organic .		<u> </u>	(3)	CHEM		_	_	Chemistry		(5)
k)	CHEM	1200	Omania	7homiat	207.7	(3)				_	Chemistry		,
•			Organic (_	(- /				_	_		(5)
,	CHEM		Organic ((2)	!			_	Chemistry		(5)
k)	CHEM	129B	Organic (Chem La	.b	(2)	!		<u>&</u>	_	Chemistry		(5)
							CHEM	421		Organic	Chemistry	II	(5)

END OF MAJOR

k) If a student takes CHEM 420,421 at Sacramento City College, credit will be given for UC Davis's CHEM 118A,B,C series OR the 128A,B,C,129A,B,C series, not both.

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

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is $\frac{\text{highly recommended}}{\text{Preparing well for}}$ 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

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

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

students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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	Genl Chemis	stry	(5)	CHEM	400		General	Chemistry	I	(5)
CHEM	2B	Genl Chemis	stry	(5)	CHEM	400	&	General	Chemistry	I	(5)
					CHEM	401		General	Chemistry	II	(5)
CHEM	2C	Genl Chemis	stry	(5)	CHEM	401		General	Chemistry	II	(5)
		OR			İ			OI	Я.		
CHEM	2AH	Honors Ger	nl Chemistry	(5)	NO CO	IAPMC	RAB:	LE COURS	€		
CHEM	2BH	Honors Ger	nl Chemistry	(5)	NO CO	IAPMC	RAB:	LE COURS	€		
CHEM	2CH	Honors Ger	nl Chemistry	(5)	CHEM	401	&	General	Chemistry	II	(5)
					CHEM	484		Advance	d General		(1)
					İ			Chemist	ry - Honors	5	
PHYST	CS 7A	General	Physics	(4)	 PHYS	350		General	Physics		(4)
111101	711	CCITCLAL	11170100	(- /	PHYS		_		Physics		(4)
PHYSI	CS 7B	General	Physics	(4)	PHYS				Physics		(4)
				(- /	PHYS		_		Physics		(4)
PHYSI	CS 7C	General	Physics	(4)					Physics		(4)
			4	` '	PHYS				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.

1 2	OR						OR	
PHYSICS 9.	A Classical	Physics	(5)	PHYS	410	<u>&</u>	Mechanics of Solids and Fluids	(5)
				PHYS	420	<u>&</u>	Electricity and Magnetism	(5)
				PHYS	430		Heat, Waves, Light and Modern Physics	(5)
PHYSICS 9	B Classical	Physics	(5)	PHYS	410	<u>&</u>	Mechanics of Solids and Fluids	(5)
				PHYS	420	<u>&</u>	Electricity and Magnetism	(5)
				PHYS	430		Heat, Waves, Light and Modern Physics	(5)
PHYSICS 9	C Classical	Physics	(5)	PHYS	410	<u>&</u>	Mechanics of Solids and Fluids	(5)
				PHYS	420	<u>&</u>	Electricity and Magnetism	(5)
				PHYS	430		Heat, Waves, Light and Modern Physics	(5)
 MATH 16A	Short Calcu	 lus	(3)	 MATH	350			(3)
			(-)	į			and Social Sciences I	(-)
				<u>O</u>			Coloulus T	/ F \
				MATH	400		Calculus I	(5)

MATH 16B	Short Calculus	(3)	MATH 351 OR	Calculus for the Life and Social Sciences II	(3)
матн 16С	Short Calculus		MATH 401 MATH 351 OR		(5)
	OR		MATH 401	Calculus II OR	(5)
MATH 17A	Calculus for BioSci	(4)	 MATH 350 	*	(3)
MATH 17B	Calculus for Biosci	(4)	 MATH 351 		(3)
MATH 17C		(4)	 MATH 352 	Calculus for Biology and Medicine	(2)
MATH 21A	OR Calculus	(4)	 MATH 400	OR Calculus I	(5)
MATH 21B					(5)
MATH 21C	Calculus	(4)	MATH 402	Calculus III	(5)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 402 	Cell and Molecular Biology	(5)
ENV TOX 20	Introduction to Forensic Science	(3)			
STATIST 13	Elementary Statistics STATIST 13Y	(4)		Introduction to Probability and Statistics	(4)
			<u>OR</u> STAT 480 	Introduction to Probability and	(4)
				Statistics - Honors	
			 <u>OR</u> ECON 310	Statistics - Honors	(3)
	OR		ECON 310	Statistics - Honors Economic Statistics OR	(3)
STATIST 32	OR Gateway to Data Science	(4)	ECON 310	Statistics - Honors Economic Statistics OR	(3)
			ECON 310 NO COMPARAB CHEM 425	Statistics - Honors Economic Statistics OR LE COURSE	
	Gateway to Data Science		ECON 310 NO COMPARAB	Statistics - Honors Economic Statistics OR LE COURSE Organic Chemistry with	
	Gateway to Data Science A Org Chem, Hlth & Sci	(4)	ECON 310 NO COMPARAB CHEM 425 OR	Statistics - Honors Economic Statistics OR LE COURSE	(4)
k) CHEM 118	Gateway to Data Science A Org Chem, Hlth & Sci	(4)	ECON 310 NO COMPARAB CHEM 425 OR CHEM 420	Statistics - Honors Economic Statistics OR LE COURSE	(4)
k) CHEM 118	Gateway to Data Science A Org Chem, Hlth & Sci	(4)	ECON 310	Statistics - Honors Economic Statistics OR LE COURSE Organic Chemistry with Biological Emphasis I Organic Chemistry I Organic Chemistry with Biological Emphasis I Organic Chemistry with Biological Emphasis I Organic Chemistry with Biological Emphasis II	(5) (4) (4)
k) CHEM 118	Gateway to Data Science A Org Chem, Hlth & Sci	(4)	ECON 310 NO COMPARAB CHEM 425 OR CHEM 420 CHEM 425 & CHEM 426	Economic Statistics OR LE COURSE Organic Chemistry with Biological Emphasis I Organic Chemistry with Biological Emphasis I Organic Chemistry with Biological Emphasis I Organic Chemistry with Biological Emphasis I Organic Chemistry With Biological Emphasis II	(5) (4) (4) (4)
k) CHEM 118	Gateway to Data Science A Org Chem, Hlth & Sci B Org Chem, Hlth & Sci	(4)	ECON 310 NO COMPARAB NO COMPARAB CHEM 425 CHEM 420 CHEM 426 CHEM 426 CHEM 420 CHEM 420 CHEM 420 CHEM 421 CHE	Statistics - Honors Economic Statistics OR LE COURSE Organic Chemistry with Biological Emphasis I Organic Chemistry I Organic Chemistry with Biological Emphasis I Organic Chemistry with Biological Emphasis I Organic Chemistry with Biological Emphasis II	(5) (4) (4)
k) CHEM 118	Gateway to Data Science A Org Chem, Hlth & Sci B Org Chem, Hlth & Sci	(4)	ECON 310 NO COMPARAB NO COMPARAB CHEM 425 OR CHEM 425 & CHEM 426 CHEM 420 & CHEM 421 CHEM 426 CHEM 421 CHEM 426 CHEM	Economic Statistics OR LE COURSE Organic Chemistry with Biological Emphasis I Organic Chemistry with Biological Emphasis I Organic Chemistry with Biological Emphasis I Organic Chemistry with Biological Emphasis I Organic Chemistry With Biological Emphasis II Organic Chemistry II	(5) (4) (4) (4)
k) CHEM 118	Gateway to Data Science A Org Chem, Hlth & Sci B Org Chem, Hlth & Sci	(4)	ECON 310 NO COMPARAB NO COMPARAB CHEM 425 CHEM 420 CHEM 426 CHEM 426 CHEM 420 CHEM 420 CHEM 420 CHEM 421 CHE	Economic Statistics OR LE COURSE Organic Chemistry with Biological Emphasis I Organic Chemistry with Biological Emphasis I Organic Chemistry with Biological Emphasis I Organic Chemistry with Biological Emphasis I Organic Chemistry with Biological Emphasis II Organic Chemistry I Organic Chemistry II Organic Chemistry With Biological Emphasis	(5) (4) (4) (4)
k) CHEM 118 k) CHEM 118	Gateway to Data Science	(4)	ECON 310	Economic Statistics OR LE COURSE Organic Chemistry with Biological Emphasis I Organic Chemistry With Biological Emphasis I Organic Chemistry with Biological Emphasis I Organic Chemistry with Biological Emphasis II Organic Chemistry With Biological Emphasis II Organic Chemistry II Organic Chemistry II Organic Chemistry With Biological Emphasis II Organic Chemistry III Organic Chemistry III Organic Chemistry III Organic Chemistry III Organic Chemistry III Organic Chemistry III Organic Chemistry III Organic Chemistry III Organic Chemistry III Organic Chemistry III	(5) (4) (4) (5) (5) (5) (4)
k) CHEM 118 k) CHEM 118 k) CHEM 118	Gateway to Data Science A Org Chem, Hlth & Sci B Org Chem, Hlth & Sci C Org Chem, Hlth & Sci OR A Organic Chemistry	(4)	CHEM 425 CHEM 425 CHEM 425 CHEM 425 CHEM 425 & CHEM 426 CHEM 426 CHEM 421 CHEM 421 CHEM 421 CHEM 421 CHEM 421	Economic Statistics OR LE COURSE Organic Chemistry with Biological Emphasis I Organic Chemistry With Biological Emphasis I Organic Chemistry with Biological Emphasis I Organic Chemistry with Biological Emphasis I Organic Chemistry With Biological Emphasis II Organic Chemistry I Organic Chemistry II Organic Chemistry II Organic Chemistry With Biological Emphasis II Organic Chemistry II Organic Chemistry II Organic Chemistry II Organic Chemistry II	(5) (4) (4) (5) (5) (5) (4)
k) CHEM 118 k) CHEM 118	Gateway to Data Science A Org Chem, Hlth & Sci B Org Chem, Hlth & Sci C Org Chem, Hlth & Sci OR A Organic Chemistry	(4)	ECON 310	Economic Statistics OR LE COURSE Organic Chemistry with Biological Emphasis I Organic Chemistry With Biological Emphasis I Organic Chemistry with Biological Emphasis I Organic Chemistry with Biological Emphasis II Organic Chemistry With Biological Emphasis II Organic Chemistry II Organic Chemistry II Organic Chemistry With Biological Emphasis II Organic Chemistry III Organic Chemistry III Organic Chemistry III Organic Chemistry III Organic Chemistry III Organic Chemistry III Organic Chemistry III Organic Chemistry III Organic Chemistry III Organic Chemistry III	(5) (4) (4) (5) (5) (5) (4)
k) CHEM 118 k) CHEM 118 k) CHEM 118	Gateway to Data Science Org Chem, Hlth & Sci B Org Chem, Hlth & Sci C Org Chem, Hlth & Sci OR A Organic Chemistry B Organic Chemistry C Organic Chemistry	(4)	CHEM 425 CHEM 425 CHEM 425 CHEM 425 CHEM 425 CHEM 426 CHEM 426 CHEM 421 CHEM 421 CHEM 421 CHEM 421 CHEM 420 CHEM 421 CHEM 420 CHEM 420 CHEM 420 CHEM 420 CHEM 420 CHEM 420 CHEM 420 CHEM 420 CHEM 420 CHEM 420	Economic Statistics OR LE COURSE Organic Chemistry with Biological Emphasis I Organic Chemistry with Biological Emphasis I Organic Chemistry with Biological Emphasis I Organic Chemistry with Biological Emphasis I Organic Chemistry With Biological Emphasis II Organic Chemistry II Organic Chemistry II Organic Chemistry With Biological Emphasis II Organic Chemistry II Organic Chemistry II Organic Chemistry II Organic Chemistry I Organic Chemistry I Organic Chemistry II Organic Chemistry II Organic Chemistry II Organic Chemistry II	(5) (4) (4) (5) (5) (5) (5) (5) (5) (5)
k) CHEM 118 k) CHEM 118 k) CHEM 128 k) CHEM 128 k) CHEM 128 k) CHEM 128	Gateway to Data Science	(4) (4) (4) (3) (3) (3) (2)	NO COMPARAB NO COMPARAB CHEM 425 OR	Economic Statistics OR LE COURSE Organic Chemistry with Biological Emphasis I Organic Chemistry with Biological Emphasis I Organic Chemistry with Biological Emphasis I Organic Chemistry with Biological Emphasis I Organic Chemistry With Biological Emphasis II Organic Chemistry II Organic Chemistry II Organic Chemistry With Biological Emphasis II Organic Chemistry II Organic Chemistry II Organic Chemistry II Organic Chemistry I Organic Chemistry I Organic Chemistry II Organic Chemistry II Organic Chemistry II Organic Chemistry II Organic Chemistry II Organic Chemistry II	(5) (4) (4) (5) (5) (5) (5) (5) (5) (5)
k) CHEM 118 k) CHEM 118 k) CHEM 118 k) CHEM 128 k) CHEM 128 k) CHEM 128	Gateway to Data Science	(4) (4) (4) (3) (3) (3) (2)	NO COMPARAB NO COMPARAB CHEM 425 OR CHEM 425 & CHEM 426 CHEM 421 CHEM 421 CHEM 420 CHEM 420 CHEM 420 CHEM 421 CHEM 420 CHEM 421 C	Economic Statistics OR LE COURSE Organic Chemistry with Biological Emphasis I Organic Chemistry with Biological Emphasis I Organic Chemistry with Biological Emphasis I Organic Chemistry with Biological Emphasis I Organic Chemistry With Biological Emphasis II Organic Chemistry II Organic Chemistry II Organic Chemistry With Biological Emphasis II Organic Chemistry II Organic Chemistry II Organic Chemistry II Organic Chemistry I Organic Chemistry I Organic Chemistry II Organic Chemistry II Organic Chemistry II Organic Chemistry II	(5) (4) (4) (5) (5) (5) (5) (5) (5) (5)

END OF MAJOR

k) If a student takes CHEM 420,421 at Sacramento City College, credit will be given for UC Davis's CHEM 118A,B,C series OR the 128A,B,C,129A,B,C series, not both.

====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) ETHNS 340	Chicanos/Mexican	(3)
			Americans in the U.S.	
CHICANO 50	Chicano Culture	(4) ETHNS 341	The Sociology &	(3)
			Psychology of	

				Mexicans and Latinos in the U.S.
CHICANO	21	Hlth Care Issues OR	(4)	NO COMPARABLE COURSE OR
CHICANO	40	Comparative Health	(4)	NO COMPARABLE COURSE
		ONE COURSE	FROM T	HE FOLLOWING:
CHICANO	60	Chicana and Chicano Representn in Cinema	(4)	NO COMPARABLE COURSE
CHICANO	65	New Latin American Cinema	(4)	NO COMPARABLE COURSE
CHICANO	70	Survey Chic Art	(4)	NO COMPARABLE COURSE
CHICANO	73	Art Expr Silk Scr	(4)	NO COMPARABLE COURSE
SPANISH	1	Elementary Spanish	(5)	SPAN 401 Elementary Spanish (4)
SPANISH	2	Elementary Spanish	(5)	SPAN 401 & Elementary Spanish (4)
				SPAN 402 Elementary Spanish (4)
SPANISH	3	Elementary Spanish	(5)	SPAN 402 Elementary Spanish (4)
		OR		OR
SPANISH	28			•
SPANISH	31	Int Span Nat Spk I	(5)	SPAN 413 Spanish for Native (4) Speakers I
SPANISH	32	Int Span Nat Spk II	(5)	SPAN 415 Spanish for Native (4)

END OF MAJOR

====Chicana/Chicano Studies A.B. (Social/Policy Studies)==== Special Advising Note:

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

Speakers II

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

Transfer Admission Guarantee (TAG) Note:

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

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

College Foreign Language Requirement Note:

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

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

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.

available f	rom our TAG website.		
CHICANO 10	Intro to Chic Std	(4) ETHNS 340 Chicanos/Mexican (3 Americans in the U.S.)
CHICANO 50	Chicano Culture	(4) ETHNS 341 The Sociology & (3 Psychology of Mexicans and Latinos in the U.S.)
CHICANO 21	Hlth Care Issues OR	(4) NO COMPARABLE COURSE OR	_
	Comparative Health	(4) NO COMPARABLE COURSE	
		ROM THE FOLLOWING:	_
CHICANO 60	Chicana and Chicano Representn in Cinema	(4) NO COMPARABLE COURSE	
CHICANO 65	Cinema	(4) NO COMPARABLE COURSE	
CHICANO 70	Survey Chic Art	(4) NO COMPARABLE COURSE	
CHICANO 73	Art Expr Silk Scr	(4) NO COMPARABLE COURSE (4) NO COMPARABLE COURSE	
		ROM THE FOLLOWING:	_
CHICANO 23	Qualitative Research Methods	(4) NO COMPARABLE COURSE	
PSYCH 41	Research Methods	(4) PSYC 335 Research Methods in (3 Psychology)
SOCIOL 46A	Intro Social Rsch	(4) NO COMPARABLE COURSE	
SPANISH 1	Elementary Spanish	(5) SPAN 401 Elementary Spanish (4	.)
SPANISH 2	Elementary Spanish	(5) SPAN 401 & Elementary Spanish (4 SPAN 402 Elementary Spanish (4	
SPANISH 3	Elementary Spanish OR	(5) SPAN 402 Elementary Spanish (4 OR)
SPANISH 28		(2) NO COMPARABLE COURSE	
SPANISH 31		(5) SPAN 413 Spanish for Native (4 Speakers I	:)
SPANISH 32	Int Span Nat Spk II	(5) SPAN 415 Spanish for Native (4	.)

END OF MAJOR

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

Speakers II

Special Advising Note:

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

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

Chinese Placement Examination Note:

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

______ x) CHINESE 1 Elem Chinese (5) MAND 401 Elementary Mandarin x) CHINESE 2 Elem Chinese (5) | MAND 401 & Elementary Mandarin

x) CHINESE 1BL Accl Wrtn Chinese I (5) NO COMPARABLE COURSE

x)	CHINESE	2BL	Accl II	Wrtn	Chines	se	(5)	NO	COMPARABLE	COURSE		
x)	CHINESE	3BL	Accl	Wrtn	Chines	se	(5)	NO	COMPARABLE	COURSE		
			III OR					 		OR		
x)	CHINESE	1CN	Mand	/Cant	Spkrs	I	(5)	NO	COMPARABLE	COURSE		
x)	CHINESE	2CN	Mand	/Cant	Spkrs	ΙI	(5)	NO	COMPARABLE	COURSE		
x)	CHINESE	3CN	Mand	/Cant	Spkrs	III	(5)	NO	COMPARABLE	COURSE		
RECOMMENDED COURSES FOR THIS MAJOR:												
			_					1				

CHINESE 10	Modern Lit (in Engl)	(4)	NO COMPARAB	LE COURSE	
CHINESE 11	Gt Bks China (Engl)	(4)	NO COMPARAB	LE COURSE	
CHINESE 50	Intro to Literature	(4)	NO COMPARAB	LE COURSE	
Same as:	JPNESE 50				
COMPLIT 14	Intro Poetry	(3)	ENGLT 304	Introduction to	(3)
				Poetry	
JPNESE 10	Masterworks in English	(4)	NO COMPARAB	LE COURSE	
LINGUIS 1	Intro Linguistics	(4)	ANTH 341	Introduction to	(3)
				Linguistics	
HISTORY 9A	East Asian Civ	(4)	HIST 364 &	Asian Civilization	(3)
			HIST 365	Asian Civilization	(3)

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.

====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.

	.2 Media Computation as: ENG CS 12			College has not articulation
CINE&TS 2	70 Filmmaking Foundations	(5) NO COURSE submitted	ARTICULATED: course(s)for	College has not articulation

Select two of the following courses:

CINE&TS	40A	Media Histor	y I	(4)	NO COURSE	ARTICULATED:	College has not
Same	as:	SCI&TEC 40A			submitted	course(s)for	articulation
CINE&TS	40B	Media Histor	y 2	(4)	NO COURSE	ARTICULATED:	College has not
Same	as:	SCI&TEC 40B			submitted	course(s)for	articulation
CINE&TS	41A	Cinema Hist	1895-1945	(4)	NO COURSE	ARTICULATED:	College has not
					submitted	course(s)for	articulation
CINE&TS	41B	Cinema Hist	1945 to	(4)	NO COURSE	ARTICULATED:	College has not
		the Present			submitted	course(s)for	articulation
FILM ST	45	Vampires		(4)	NO COURSE	ARTICULATED: 0	College has not
Same	as:	GERMAN 45			submitted	course(s)for	articulation

Select two of the following courses:

FILM ST 1	Intro to Film Studies	(4) TAFILM 300 Introduction to Film (3) Same as: ENGLT 400 OR
		ENGLT 400 Introduction to Film (3) Same as: TAFILM 300
Former	cly Humanities 10	Balle as Thrill 300
TCULST 1	Intro Technocultural Studies	(4) NO COMPARABLE COURSE
TCULST 5	Media Archaeology	(4) NO COMPARABLE COURSE

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

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 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

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 2 Elementary Latin (5) NO COMPARABLE COURSE LATIN 3 Intermediate Latin (5) NO COMPARABLE COURSE OR GREEK 1 Elem Greek (5) NO COMPARABLE COURSE GREEK 2 Elem Greek (5) NO COMPARABLE COURSE	LATIN 1
OR OR GREEK 1 Elem Greek (5) NO COMPARABLE COURSE	LATIN 2
GREEK 1 Elem Greek (5) NO COMPARABLE COURSE	LATIN 3
, , ,	
GREEK 2 Elem Greek (5) NO COMPARABLE COURSE	CREEK 1
	OKEEPIK I
GREEK 3 Intermediate Greek (5) NO COMPARABLE COURSE	_

TWO COURSES FROM THE FOLLOWING:

CLASSIC 1	N East/E	Early Gr	(4)	NO	COMPARA	ABLE COURSE		
CLASSIC 2	Anc Gr 8	Near East	(4)	NO	COMPARA	ABLE COURSE		
CLASSIC 3	Rome & T	The Mediter	(4)	NO	COMPARA	ABLE COURSE		
CLASSIC 4	Late Ant	tiquity	(4)	NO	COURSE	ARTICULATED:	College	has not
			ĺ	suk	mitted	course(s)for	articula	ation

ONE ADDITIONAL COURSE SELECTED FROM:

ARTHI 1A CLASSIC 1 CLASSIC 2 CLASSIC 3 CLASSIC 4	Ancient Mediterranean Art N East/Early Gr Anc Gr & Near East Rome & The Mediter Late Antiquity	(4) (4) (4)	ARTH 304 Ancient Art (3) NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COURSE ARTICULATED: College has not submitted course(s)for articulation
CLASSIC 10	Gr,Roman,N East Myth	(3)	NO COMPARABLE COURSE
CLASSIC 15	Women & Gender in Classical Antiquity	(4)	NO COMPARABLE COURSE
CLASSIC 20	Pompeii AD 79	(4)	NO COMPARABLE COURSE
CLASSIC 25	Classical America	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s)for articulation
CLASSIC 30	Word Roots	(3)	NO COURSE ARTICULATED: College has not
			submitted course(s)for articulation
CLASSIC 31	Technical Word Roots	(3)	NO COURSE ARTICULATED: College has not
			submitted course(s)for articulation
CLASSIC 40	Economy in Ancient Med	(4)	NO COURSE ARTICULATED: College has not
GT AGGTG FO	To all out Order	(1)	submitted course(s)for articulation
CLASSIC 50 Same as:	Ancient Science SCI&TEC 50	(4)	NO COMPARABLE COURSE
COMPLIT 1	Major Books-Ancient	(1)	 ENGLT 480 World Literature: (3)
COMPLII	World	(4)	Antiquity to the
	WOIIG		Early Modern World -
			Honors
PHILOS 21	Phil Classics: Ancient	(4)	PHIL 330 History of Classical (3)
		(- /	Philosophy
			OR
			PHIL 480 History of Classical (3)
			Philosophy - Honors
REL STD 21	The Bible	(4)	NO COMPARABLE COURSE
REL STD 40	New Testament	(4)	NO COMPARABLE COURSE

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.

______ LATIN 1 Elementary Latin
LATIN 2 Elementary Latin
LATIN 3 Intermediate Latin (5) NO COMPARABLE COURSE (5) NO COMPARABLE COURSE (5) NO COMPARABLE COURSE 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 CLASSIC 2 Anc Gr & Near East (4) NO COMPARABLE COURSE OR CLASSIC 3 Rome & The Mediter (4) NO COMPARABLE COURSE CLASSIC 4 Late Antiquity (4) NO COURSE ARTICULATED (4) | NO COURSE ARTICULATED: College has not ______

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

ENGLISH 3	Intro to Lit	(4)	ENGWR 301 OR	College Composition and Literature	(3)
	OR		ENGWR 303	Argumentative Writing and Critical Thinking Through Literature OR	(4)
UWRITING 1	Expository Writing	(4)		College Composition	(3)
COMUNCN 1	Intro Public Spkg	(4)	COMM 301 	Introduction to Public Speaking	(3)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 402		(5)
BIOLSCI 2B				Biology Plant Biology Animal Biology	(5)
	Genl Chemistry Genl Chemistry	(5)	CHEM 400 &	General Chemistry I	(5) (5)
CHEM 2C CHEM 8A CHEM 8B	Genl Chemistry Organic Chem-Brief Organic Chem-Brief	(5) (2)	CHEM 401 CHEM 401 NO COMPARAE NO COMPARAE		(5) (5)
ECON 1A		(4)	ECON 304 	Microeconomics	(3)
ECON 1B	OR Princ of Macroecon	(4)	 ECON 302 	OR Principles of Macroeconomics	(3)
PSYCH 1	General Psychology	(4)	PSYC 300	General Principles	(3)
SOCIOL 1	Intro Sociology	(5)	SOC 300	Introductory Sociology	(3)
	OR		<u>OR</u> SOC 480 	Introductory Sociology - Honors OR	(3)
SOCIOL 3		(4)	SOC 301	Social Problems	(3)
			<u>OR</u> SOC 481	Social Problems -	(3)

		Honors	
OR		OR	
ANTHRO 2 Cultural Anthropology	(5) ANTH 310 <u>OR</u>	Cultural Anthropology	(3)
	ANTH 481 	Honors Cultural Anthropology	(3)
STATIST 13 Elementary Statistics Same as: STATIST 13Y	(4) STAT 300 OR	Introduction to Probability and Statistics	(4)
	STAT 480	Introduction to Probability and Statistics - Honors	(4)
	<u>OR</u> ECON 310	Economic Statistics	(3)

END OF MAJOR

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

Special Advising Note:

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

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

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College Foreign Language Requirement Note:

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

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

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

avariable in	TOM OUT THE WEDSTEE.				
LINGUIS 1	Intro Linguistics	(4)	ANTH 341 	Introduction to Linguistics	(3)
COG SCI 1 II	ntro Cognitive Science OR	(4)	NO COURSE	ARTICULATED OR	
PHILOS 10	Intro Cognitive Science	(4)	!	ARTICULATED: College has course(s) for articulation	
	Intro to Symbol Logic Minds, Brains Comp w/Disc		NO COURSE	Symbolic Logic ARTICULATED:College has r course(s)for articulation	not
	General Psychology Research Methods		!	General Principles Research Methods in Psychology	
	Elementary Statistics STATIST 13Y	(4)	STAT 300 OR	Introduction to Probability and Statistics	(4)
			STAT 480 	Introduction to Probability and Statistics - Honors	(4)
			<u>OR</u> ECON 310	Economic Statistics	(3)

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

available	from our TAG website.	00	<u> </u>	<u>=</u> 410 4120	
	Emphasis 1	: Coi	mputationa	1	
ENG CS 20	C Sci/Discrete Math		CISP 440	Discrete Structures	(3)
ENG CS 32A	Intro to Programming(4)			for Computer Science ABLE COURSE	
	ly ENG CS 10				
ENG GG 26A	OR	(4)		OR	(1)
	Programming y ENG CS 30	(4)	OR	Introduction to Structured Programming	(4)
				Object Oriented	(4)
ENG CS 34	UNIX & C++ OR	(5)	 NO COURSE 	Programming with Java ARTICULATED OR	
	Object-Oriented Program	(4)	CISP 400	Object Oriented	(4)
	y ENG CS 40 Machine Dependent Prog	(4)	 CISP 310 	Programming with C++ Assembly Language Programming for Microcomputers	(4)
ENG CS 32B	Intro to Data Structures	(4)	' I		
Formerl	OR Data Structures y ENG CS 60	(4)	İ		(4)
	Intro Linguistics	(4)	ANTH 341 	Introduction to Linguistics	(3)
MATH 17A	Calculus for BioSci	(4)	MATH 350		
MATH 17B	Calculus for Biosci	(4)	MATH 351 	and Social Sciences II	(3)
матн 21а	OR Calculus	(4)	 Math 400	OR Calculus I	(5)
MATH 21B	Calculus				(5)
	Linear Algebra			Introduction to Linear Algebra	
MATH 22AL	Lin Alg Comp Lab	(1)	NO COMPAR	ABLE COURSE	
COG SCI 1	Intro Cognitive Science OR	(4)	NO COURSE	ARTICULATED OR	
PHILOS 10	Intro Cognitive Science	(4)		ARTICULATED: College has course(s)for articulation	
PHILOS 12 PHILOS 13G	1 3			Symbolic Logic ARTICULATED:College has r	
PSYCH 1 PSYCH 41	General Psychology Research Methods		PSYC 300 PSYC 335		(3)

					Psychology	
STATIST 13 Same as:	Elementary Statistics STATIST 13Y	(4)	STAT 		Introduction to Probability and Statistics	(4)
			<u>OI</u> STAT 	480	Introduction to Probability and Statistics - Honors	(4)
			ECON	<u>R</u> 310	Economic Statistics	(3)
			· 			
BIOLSCI 2A	<u>Emphasi</u> Intro Biology:Life on		Neuro BIOL		<u>e</u> Cell and Molecular	(5)
DIOLOCI ZII	Earth		j		Biology	(3)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		412 <u>&</u> 422	Plant Biology Animal Biology	(5) (5)
BIOLSCI 2C	Intro Biology:	(5)			Plant Biology	(5)
	Biodiversity & the Tree of Life		!	422	Animal Biology	(5)
LINGUIS 1	Intro Linguistics	(4)	ANTH	341	Introduction to Linguistics	(3)
MATH 17A	Calculus for BioSci	(4)	MATH	350	Calculus for the Life and Social Sciences I	(3)
MATH 17B	Calculus for Biosci	(4)	 MATH 	351	Calculus for the Life and Social Sciences II	(3)
MATH 17C	Calculus for BioSci OR	(4)	MATH 	352	Calculus for Biology and Medicine	(2)
MATH 21A	Calculus	(4)	 MATH	400	Calculus I	(5)
MATH 21B			MATH		Calculus II	(5)
MATH 21C	Calculus	(4) 	MATH 	402	Calculus III 	(5)
COG SCI 1 I	ntro Cognitive Science OR	(4)	NO CO	OURSE A	RTICULATED OR	
PHILOS 10	Intro Cognitive Science	(4)			RTICULATED: College has ourse(s)for articulatior	
PHILOS 13G	Minds, Brains Comp w/Disc	(4)			RTICULATED:College has rourse(s)for articulation	
PHYSICS 7A	General Physics	(4)			General Physics	(4)
DHVSTCS 7B	General Physics	(4)	PHYS	360 350 &	General Physics General Physics	(4) (4)
THIBICS 7B	General Impares		PHYS	360	General Physics	(4)
PHYSICS 7C	General Physics	(4)	PHYS	350 <u>&</u>	General Physics	(4)
	OR		PHYS 	360	General Physics OR	(4)
PHYSICS 9A		(5)	PHYS	410 <u>&</u>	_	(5)
			PHYS	420 <u>&</u>	Electricity and Magnetism	(5)
			PHYS	430	Heat, Waves, Light and Modern Physics	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS	410 <u>&</u>	Mechanics of Solids and Fluids	(5)
			İ	_	Electricity and Magnetism	(5)
			PHYS	430	Heat, Waves, Light and Modern Physics	(5)
PHYSICS 9C	Classical Physics	(5)	PHYS	410 <u>&</u>	Mechanics of Solids	(5)

		į	420 <u>&</u> 430	and Fluids Electricity and Magnetism Heat, Waves, Light and Modern Physics	(5) (5)
PSYCH 1 General Psychology PSYCH 41 Research Methods		PSYC PSYC 		General Principles Research Methods in Psychology	(3)
STATIST 13 Elementary Statistics Same as: STATIST 13Y	(4)	STAT OI		Introduction to Probability and Statistics	(4)
		<u>01</u> STAT 01	480	Introduction to Probability and Statistics - Honors	(4)
		ECON	_	Economic Statistics	(3)

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

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

ANTHRO 4	Anthro Linguistics	(4)	 ANTH 341 	Introduction to Linguistics	(3)
LINGUIS 1	OR Intro Linguistics	(4)	 ANTH 341 	OR Introduction to Linguistics	(3)
COMUNCN 1	Intro Public Spkg OR	(4)	 COMM 301 	Introduction to Publ Speaking OR	ic (3)
COMUNCN 3	Intprsnl Com Cmpetnce OR	(4)	COMM 321	Interpersonal Communication OR	(3)
COMUNCN 5 Same as:	Global English Comm	(4)	!	ARTICULATED:College ha course(s)for articulat OR	
	Global English Comm COMUNCN 5	(4)	!	ARTICULATED:College ha course(s)for articulat	
COMUNCN 10Y	Intro to Communication	(4)	!	ARTICULATED: College horizontal course(s) for articulat	
B) ENG CS 1	5 Intro to Computers	(4)	NO COMPARA	ABLE 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	
(4)	PHIL 325	Symbolic Logic	(3)
(4)	PSYC 300	General Principles	(3)
(5) 		Introductory Sociology	(3)
 		Introductory Sociology - Honors	(3)
(5) 	NO COMPARAB	LE COURSE OR	
(4) 		Introduction to Probability and Statistics	(4)
	STAT 480	Introduction to Probability and Statistics - Honors	(4)
 	<u>OR</u> ECON 310	Economic Statistics	(3)
- , , .	4) 5) 	4) PSYC 300 	4) PHIL 325 Symbolic Logic 4) PSYC 300 General Principles 5) SOC 300 Introductory Sociology OR SOC 480 Introductory Sociology Honors NO COMPARABLE COURSE OR 4) STAT 300 Introduction to Probability and Statistics OR STAT 480 Introduction to Probability and Statistics - Honors OR

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

ASSIST for more information about UC Davis GE.

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

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

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

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

	TWO COURSES F	ROM '	THE FOLLOWING	:	
COMUNCN 1	Intro Public Spkg	(4)	!	Introduction to Public Speaking	(3)
COMPLIT 1	Major Books-Ancient World	(4)	ENGLT 480	World Literature: Antiquity to the Early Modern World - Honors	(3)
COMPLIT 2	Major Books-Middle Ages to Enlightenment	(4)	ENGLT 480 <u>&</u> 	World Literature: Antiquity to the Early Modern World - Honors	(3)
			ENGLT 481 	World Literature: Seventeenth Century to Present - Honors	(3)
COMPLIT 3	Major Books-The Modern Crisis	(4)	ENGLT 481	World Literature: Seventeenth Century to Present - Honors	(3)
COMPLIT 4	Maj Books:Cont Wrld	(4)	NO COMPARABL	E COURSE	
ENGLISH 3	Intro to Lit	(4)	ENGWR 301	College Composition and Literature	(3)
			<u>OR</u>		
			ENGWR 303	Argumentative Writing and Critical Thinking Through Literature	(4)
N A STD 5	Intro NA Literature	(4)	NO COMPARABL	E COURSE	
UWRITING 1	Expository Writing	(4)	ENGWR 300	College Composition	(3)
Formerly	Style in the Essay UWRITING 18	(4)	ENGWR 302	Advanced Composition and Critical Thinking	(3)
Formerly UW	Writing Research Papers RRITING 19	(4)	İ	E COURSE	
	The Community	(4)	_		
	Ethnicity Amer Comm		ETHNS 300		
PL SCI 21	Computers in Technology OR	(3)			
B) ENG CS 15	Intro to Computers	(4)	NO COMPARABL	E 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		(4)	ECON 304	Microeconomics	(3)
ECON 1B	OR Princ of Macroecon	(4)	ECON 302	OR Principles of	(3)
			<u> </u> 	Macroeconomics	
ANTHRO 2	Cultural Anthropology	(5)	ANTH 310 OR	Cultural Anthropology	(3)
			ANTH 481	Honors Cultural	(3)
	OR			Anthropology OR	
SOCIOL 1	Intro Sociology	(5)	SOC 300	Introductory Sociology	(3)
			SOC 480	Introductory Sociology	(3)
				- Honors	
	Elementary Statistics	(4)	STAT 300	Introduction to	(4)
Same as:	STATIST 13Y			Probability and Statistics	
			OR		
			STAT 480	Introduction to	(4)
				Probability and	
			OR	Statistics - Honors	
			ECON 310	Economic Statistics	(3)
	OR			OR	
STATIST 32	Gateway to Data Science OR	(4)	NO COMPARA	BLE COURSE OR	
SOCIOL 46B	* = -	(5)	NO COMPARA		

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 World	Books-Ancient OR	(4)	ENGLT 	480		World Literature: Antiquity to the Early Modern World - Honors OR	(3)
COMPLIT	2	-	Books-Middle Ages lightenment	(4)	 ENGLT 	480 <u>8</u>	_	World Literature: Antiquity to the Early Modern World - Honors	(3)
					ENGLT	481		World Literature: Seventeenth Century to Present - Honors	(3)
COMPLIT	3	Major Crisis		(4)	ENGLT 	481		World Literature: Seventeenth Century to Present - Honors	(3)
			OR					OR	
COMPLIT	4	Мај Во 	ooks:Cont Wrld	(4)	NO COI	MPARAI	BLE	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)	ENGLT 	480	World Literature: Antiquity to the Early Modern World - Honors	(3)
COMPLIT	2	Major Books-Middle Ages to Enlightenment	(4)	ENGLT	480 <u>&</u>	World Literature: Antiquity to the Early Modern World - Honors	(3)
				ENGLT	481	World Literature:	(3)

COMPLIT	3	Major Books-The Modern Crisis	(4)	 ENGLT 481 	Seventeenth Century to Present - Honors World Literature: (3) Seventeenth Century to Present - Honors
COMPLIT	4	Maj Books:Cont Wrld	(4)	NO COMPARABLE	E COURSE
COMPLIT	5	Fairy Tales, Fables, Parables	(4)	NO COMPARABLE	E COURSE
COMPLIT	6	Myths & Legends	(4)	ENGLT 345	Mythologies of the (3) World
COMPLIT	7	Lit:Fant,Supernatl	(4)	NO COMPARABLE	E COURSE
COMPLIT	8	Utopias Transform	(4)	NO COMPARABLE	E COURSE
COMPLIT	9	Short Story & Novella	(4)	ENGLT 303	Introduction to the (3)
					Short Story
COMPLIT	11	Travel and Modern World	(4)	Į.	TICULATED: College has not
Same	as:	GERMAN 11		submitted cou	urse(s)for articulation
COMPLIT	12	Intro Women Writers	(4)	NO COMPARABLE	E COURSE
COMPLIT	13	Dramatic Lit	(3)	NO COMPARABLE	E COURSE
COMPLIT	14	Intro Poetry	(3)	ENGLT 304	Introduction to (3)
					Poetry
COMPLIT	20	Humans & Natural World	(4)	NO COMPARABLE	E COURSE
COMPLIT	24	Animals in Literature	(4)	!	FICULATED:College has not
				!	urse(s)for articulation
COMPLIT	_	Ethnic Writers	` '	NO COMPARABLE	
COMPLIT		Lit of East Asia	, ,	NO COMPARABLE	
COMPLIT		Lit of South Asia	(4)	NO COMPARABLE	
COMPLIT	53C	Lit of the Islamic World	(4)	NO COMPARABLE 	E COURSE

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

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

END OF MAJOR

====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.

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.

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 MATH 21B MATH 21C	Calculus Calculus Calculus	(4) MATH 400 Calculus I (5) (4) MATH 401 Calculus II (5) (4) MATH 402 Calculus III (5)
MATH 22A	Linear Algebra	(3) MATH 410 Introduction to Linear (3) Algebra OR
MATH 67	Modern Linear Algebra	(4) NO COMPARABLE COURSE

ENG CS 20	C Sci/Discrete Math	(4)	CISP	440	Discrete Structures for Computer Science	(3)
	Programming ENG CS 30	(4)	CISP	360	Introduction to Structured Programming	(4)
-			OI	3.		
			CISP	401	Object Oriented Programming with Java	(4)
	Object-Oriented Progra	am (4)	CISP	400	Object Oriented Programming with C++	(4)
	Data Structures ENG CS 60	(4)	CISP	430	Data Structures	(4)
ENG CS 50	Machine Dependent Pro	og (4)	CISP 	310	Assembly Language Programming for Microcomputers	(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.

THREE OF THE FOLLOWING COURSES:

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL	402		Cell and Molecular Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology	(5)	BIOL	412	&	Plant Biology	(5)
	& Evolution		BIOL	422		Animal Biology	(5)
BIOLSCI 2C	Intro Biology:	(5)	BIOL	412	<u>&</u>	Plant Biology	(5)
	Biodiversity & the Tree		BIOL	422		Animal Biology	(5)
	of Life						
CHEM 2A	Genl Chemistry	(5)	CHEM	400		General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM	400	<u>&</u>	General Chemistry I	(5)
			CHEM	401		General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM	401		General Chemistry II	(5)
CHEM 2AH	Honors Genl Chemistry	(5)	NO CO	OMPAI	RAB!	LE COURSE	
CHEM 2BH	Honors Genl Chemistry		1			LE COURSE	
CHEM 2CH	Honors Genl Chemistry	(5)	CHEM	401	<u>&</u>	General Chemistry II	(5)
			CHEM	484		Advanced General	(1)
						Chemistry - Honors	
PHYSICS 9A	Classical Physics	(5)	PHYS	410	<u>&</u>	Mechanics of Solids	(5)
						and Fluids	
			PHYS	420	<u>&</u>	Electricity and	(5)
						Magnetism	
			PHYS	430		Heat, Waves, Light and	(5)
						Modern Physics	
PHYSICS 9B	Classical Physics	(5)	PHYS	410	<u>&</u>	Mechanics of Solids	(5)
						and Fluids	
			PHYS	420	<u>&</u>	Electricity and	(5)
						Magnetism	
			PHYS	430		Heat, Waves, Light and	(5)
						Modern Physics	
PHYSICS 9C	Classical Physics	(5)	PHYS	410	<u>&</u>	Mechanics of Solids	(5)
			[and Fluids	
			PHYS	420	&	Electricity and	(5)
						Magnetism	
			PHYS	430		Heat, Waves, Light and	(5)
						Modern Physics	

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
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)	NO CC	OMPARA	ABLE CO	OURSE		
DESIGN :	14	Design Drawing	(4)	ART 3	300	Drawi I	ing and	Composition	(3)
		OR		i			OR		
DESIGN :	21	Drafting and Perspective	(4)	NO CO	OMPARA	ABLE CO	-		
DESIGN :	15	Form & Color	(4)	!		_	_	damentals or Theory	(3)
		AND		İ			AND		
DESIGN :	16	Graphics & The Computer	(4)	NO CO	OMPARA	ABLE CO	OURSE		
DESIGN 6	40A	Energy, Materials, Design	(4)	NO CC	OMPARA	ABLE CO	OURSE		
		OR					OR		

DESIGN 40B	Ideologies of Design	(4)	NO COMPARA	ABLE COURSE	
	OR			OR	
DESIGN 40C	Design Aesthetics/Exper	(4)	NO COURSE	ARTICULATED:	College has not
			submitted	course(s)for	articulation

TWO COURSES FROM THE FOLLOWING:

			ly once for major preparation
_	Energy, Materials, 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 COMPARABLE COURSE
DESIGN 70	Intro Textile Structure	(4)	NO COMPARABLE COURSE
DESIGN 77	Intro to Fashion Design	(4)	NO COMPARABLE COURSE
UWRITING 11	Pop Sci & Technol Wrtng OR	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation OR
UWRITING 12	Writing/Visual	(4)	NO COURSE ARTICULATED: College has not
	Rhetoric		submitted course(s)for articulation
	OR		OR
UWRITING 48	Style in the Essay	(4)	ENGWR 302 Advanced Composition (3)
Formerly (JWRITING 18		and Critical Thinking
	OR		OR
UWRITING 49 V	Writing Research Papers	(4)	NO COMPARABLE COURSE

END OF MAJOR

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

Special Advising Note:

Formerly UWRITING 19

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

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

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

HISTORY 9A	East Asian Civ	(4) HIST 364 & Asian Civilization	(3)
		HIST 365 Asian Civilization	(3)
HISTORY 9B	East Asian Civ	(4) NO COMPARABLE COURSE	

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

ONE COURSE FROM THE FOLLOWING:

ARTHT 1D	Arts of Asia	(4)	ARTH 332 Asian Art (3)
			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	(4)	NO COMPARABLE COURSE
	English)		
JPNESE 50	Intro to Literature	(4)	NO COMPARABLE COURSE
Same as:	CHINESE 50		
E ASIAN 88	Korean Society	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s)for articulation
REL STD 75	Introduction to Chinese	(4)	NO COMPARABLE COURSE
	Philosophy		
			·

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

x) CHINESE 1 x) CHINESE 2	Elem Chinese Elem Chinese	, ,	MAND 401 MAND 401 MAND 402	<u>&</u> E	Clementary Mandarin Clementary Mandarin Clementary Mandarin	(4) (4) (4)
	OR		İ		OR	
y) JPNESE 1	Elem Japanese	(5)	JAPAN 40:	2	Elementary Japanese	(4)
			OR			
			JAPAN 41	1	Intermediate Japanese	(4)
y) JPNESE 2	Elem Japanese	(5)	JAPAN 41:	2	Intermediate Japanese	(4)
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.

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 $\underline{\text{General Catalog}}$. 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 	402	_ .	Cell and Molecular Biology	(5)
BIOLSCI	2B		(5)	BIOL BIOL		_	Plant Biology Animal Biology	(5) (5)
BIOLSCI	2C	Intro Biology: Biodiversity & the Tree of Life		BIOL	412	<u>&</u>		(5)
CHEM 2A CHEM 2B		nl Chemistry nl Chemistry		CHEM	400	<u>&</u>	General Chemistry I General Chemistry I General Chemistry II	(5)
PHYSICS PHYSICS		Principles Physics Principles Physics		!			LE COURSE LE COURSE	
DIWATAA	7.3	OR	/ 4 \		250	_	OR	(1)
PHYSICS	/A	General Physics	(4)	PHYS		_	General Physics	(4) (4)
PHYSICS	7B	General Physics	(4)	1			General Physics General Physics	(4)
11110100	, ט	ochiciai rhybicb	(-)	:		_	General Physics	(4)
PHYSICS	7C	General Physics	(4)	!			General Physics	(4)
	-	<u> </u>	. ,	PHYS		_	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.

MATH	16A	Short	Calculus	(3)	MATH 	350	Calculus for the Life and Social Sciences I	(3)
					OI	ર		
					MATH		Calculus I	(5)
MATH	16B	Short	Calculus	(3)	MATH	351	Calculus for the Life	(3)
					j		and Social Sciences II	
					OI	ર		
					MATH	401	Calculus II	(5)
			OR				OR	
MATH	17A	Calcul	lus for BioSci	(4)	MATH	350	Calculus for the Life	(3)
							and Social Sciences I	
MATH	17B	Calcul	lus for Biosci	(4)	MATH	351	Calculus for the Life	(3)
				. ,	i		and Social Sciences II	(- /
			OR		İ		OR	
MATH	217	Calcul	-	(4)	MATH	400	Calculus I	(5)
				, ,	!			
MATH	STR	Calcul	lus	(4)	MATH	4U1	Calculus II	(5)

PREPARATION FOR GRADUATION:

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

END OF MAJOR

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

Special Advising Note:

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

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

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

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

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

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

We also strongly recommend that Economics applicants also complete coursework comparable to the following UC Davis course with a C or better grade before matriculating to UC Davis:

-Statistics 13

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

<u>General Catalog</u> . Quick reference charts for \underline{AP} and \underline{IB} are also available from our TAG website.

ECON 1A	Princ of Microecon	(4)	ECON	304	Principles of	(3)
		, ,	i		Microeconomics	(- /
ECON 1B	Princ of Macroecon	(4)	ECON	302	Principles of	(3)
		(- /			Macroeconomics	(-)
STATIST 13	Elementary Statistics	(4)	STAT	300	Introduction to	(4)
	STATIST 13Y	, ,			Probability and	` ,
					Statistics	
			OI	ર		
			STAT	480	Introduction to	(4)
					Probability and	(- /
			<u> </u>		Statistics - Honors	
			OF	2		
			_	310	Economic Statistics	(3)
			LECON	310	ECOHOLIC Statistics	
	OR		 ECON	310	OR	(3)
STATIST 32		(4)	İ		OR	(3)
STATIST 32	OR Gateway to Data Science	(4)	İ		OR	
	Gateway to Data Science		 NO CO	OMPARAB:	OR	
	Gateway to Data Science		 NO CO	OMPARAB:	OR LE COURSE	
	Gateway to Data Science		 NO CO	OMPARAB: 350	OR LE COURSE Calculus for the Life	
	Gateway to Data Science		 NO CC MATH OF	OMPARAB: 350	OR LE COURSE	
MATH 16A	Gateway to Data Science	(3)	 NO CC MATH <u>OE</u> MATH	OMPARAB: 350	OR LE COURSE	(3)
MATH 16A	Gateway to Data ScienceShort Calculus	(3)	 NO CC MATH <u>OE</u> MATH	OMPARAB: 350 <u>2</u>	OR LE COURSE Calculus for the Life and Social Sciences I Calculus I	(3)
MATH 16A	Gateway to Data ScienceShort Calculus	(3)	 NO CC MATH <u>OE</u> MATH	DMPARAB. 350 400 351	OR LE COURSE Calculus for the Life and Social Sciences I Calculus I Calculus for the Life	(3)
MATH 16A	Gateway to Data ScienceShort Calculus	(3)	 NO CC MATH OF MATH MATH	DMPARAB: 350 <u>2</u> 400 351	OR LE COURSE Calculus for the Life and Social Sciences I Calculus I Calculus for the Life	(3)
MATH 16A	Gateway to Data ScienceShort Calculus	(3)	 NO CC MATH OF MATH MATH 	DMPARAB: 350 <u>2</u> 400 351	OR LE COURSE Calculus for the Life and Social Sciences I Calculus I Calculus for the Life and Social Sciences II	(3)
MATH 16A	Gateway to Data Science Short Calculus Short Calculus	(3)	NO CC	DMPARAB: 350 400 351 401	OR LE COURSE Calculus for the Life and Social Sciences I Calculus I Calculus for the Life and Social Sciences II Calculus II	(3)
MATH 16A MATH 16B	Gateway to Data Science Short Calculus Short Calculus	(3)	NO CC MATH OF MATH MATH MATH MATH	DMPARAB: 350 400 351 401	OR LE COURSE Calculus for the Life and Social Sciences I Calculus I Calculus for the Life and Social Sciences II Calculus for the Life and Social Sciences II Calculus II OR	(3) (5) (3)

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

MATH 21C	Calculus	(4) MATH 402	Calculus III (5)
MATH 22A	Linear Algebra	(3) MATH 410	Introduction to Linear (3)
			Algebra	

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

Special Advising Note:

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

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

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

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

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

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

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.

College Foreign Language Requirement Note:

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

ENGLISH 3	Intr	o to Lit	(4)	ENGWR		College Composition and Literature	(3)
		OR		ENGWR	_	Argumentative Writing and Critical Thinking Through Literature OR	(4)
UWRITING 1	Exp	ository Writing	(4)	ENGWR	300	College Composition	(3)
ENGLISH 10A		teratures in English To 1700	(4)	ENGLT 	310	English Literature I	(3)
e) ENGLISH 1	0B	Literatures in English II:	(4)	ENGLT	_	English Literature II	(3)
		1700-1900		ENGLT	320	American Literature I	(3)
e) ENGLISH 1	0C	Literatures in English III: 1900	(4)	ENGLT	_	English Literature II	(3)
		to Present		ENGLT	321	American Literature II	(3)

ONE COURSE FROM THE FOLLOWING:

ENGLISH	40	Intro	Topics	in	Lit	(4)	ENGLI	360	Women in Literature (3)
ENGLISH	41	Intro	Topics	Lit	. &	(4)	NO CO	URSE	ARTICULATED: College has not
		Media					submi	tted	course(s)for articulation
ENGLISH	43	Intro	Topics	in	Drama	(4)	NO CO	MPARA	ABLE COURSE
ENGLISH	44	Intro	Topics	in	Fiction	(4)	NO CO	MPARA	ABLE COURSE
ENGLISH	45	Intro	Topics	in	Poetry	(4)	ENGLI	304	Introduction to (3)
									Poetry

END OF MAJOR

e) If a student takes ENGLT 311 at Sacramento City College, credit will be given for UC Davis's ENGLISH 10B or ENGLISH 10C, not both.

====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 $\frac{\text{highly recommended}}{\text{Preparing well for}}$ 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 $\underline{\text{General Catalog}}$. 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	402	Cell and Molecular Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology	(5)	BIOL	412 &		(5)
						(5)
BIOLSCI 2C	& Evolution Intro Biology:	(5)	BIOL	412 &	Plant Biology	(5)
	Biodiversity & the Tree					(5)
	of Life		İ		J.	
CHEM 2A G	enl Chemistry	(5)	 CHEM	400	General Chemistry I	(5)
CHEM 2B G	enl Chemistry	(5)	CHEM	400 &	General Chemistry I General Chemistry I	(5)
			CHEM	401	General Chemistry II	(5)
CHEM 8A O:	 rganic Chem-Brief	(2)	 NO C	 OMPARAB	LE COURSE	
	rganic Chem-Brief					
	OR		İ		OR	
k) CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM	425	Organic Chemistry with	(4)
			İ		Biological Emphasis I	
			OI	<u>R</u>		
			1	420	Organic Chemistry I	
k) CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM	425 <u>&</u>		(4)
			ļ		Biological Emphasis I	
			CHEM	426	Organic Chemistry with	(4)
					Biological Emphasis	
			0.7		II	
			OHEM		Organic Chemistry I	/ E \
					Organic Chemistry II	(5)
MATH 16A	Short Calculus	(3)	MATH	350	Calculus for the Life	(3)
			j		and Social Sciences I	
			OI	R		
				400		(5)
MATH 16B	Short Calculus	(3)	MATH	351	Calculus for the Life	(3)
				D	and Social Sciences II	
			<u>ОІ</u> млти		Calculus II	(5)
млти 160	Short Calculus	(2)			Calculus for the Life	
MAIN 10C	Short Carcurus	(3)	 MAIU	331	and Social Sciences II	(3)
			OI	R	and boetal belefices if	
			MATH		Calculus II	(5)
	OR				OR	(0)
MATH 17A	Calculus for BioSci	(4)	MATH	350	Calculus for the Life	(3)
			İ		and Social Sciences I	
MATH 17B	Calculus for Biosci	(4)	MATH	351	Calculus for the Life	(3)
					and Social Sciences II	
MATH 17C	Calculus for BioSci	(4)	MATH	352	Calculus for Biology	(2)
					and Medicine	
_	OR		[OR	
	Calculus		!		Calculus I	(5)
MATH 21B			MATH		Calculus II	(5)
MATH 21C	Calculus	(4)	MATH	402	Calculus III	(5)

PHYSICS 1A PHYSICS 1B	- 1 - · · · · · · · · · · · · · · · · ·	, ,	NO COMPARAB NO COMPARAB		
STATIST 13 Same as	Elementary Statistics: STATIST 13Y	s (4)	 	Introduction to Probability and Statistics	(4)
			<u>OR</u> STAT 480 	Introduction to Probability and Statistics - Honors	(4)
			<u>OR</u> ECON 310	Economic Statistics	(3)
	OR		ECON 310	OR	(3)
STATIST 32	Gateway to Data Science OR	e (4)	NO COMPARAB	LE COURSE OR	
PL SCI 21	Computers in Technolog	gy (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/

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.

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

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

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

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

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

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

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

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

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

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

ENVHORT 1 Intro Envhort/Urb For (3) NO COMPARABLE COURSE ENVHORT 6 Intro Environ Plants (4) NO COMPARABLE COURSE

LND ARC 30	History Environ Design	(4)	NO COMPARAE	BLE COURSE	
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 402	Cell and Molecular	(5)
BIOLSCI 2B					(5)
DT. SCT 2	& Evolution Bot Physio Cul Plt				(5)
	Genl Chemistry Genl Chemistry			General Chemistry I	
CHEM 2B (Jeni Chemistry	(3)	CHEM 400 <u>&</u> CHEM 401	General Chemistry I General Chemistry II	(5)
ENV S&P 1	Env Analysis OR	(4)		BLE COURSE OR	
ENV S&P 10	Current Issues in	(3)	BIOL 350	Environmental Biology	(3)
ENV S&P 1	Environment 10 not open for credit to	stud	 ents who hav	ve completed ENV S&P 1	
	OR	(0)		OR	
	Global Ecosystem ENV SC&M 30	(3)	GEOG 310	Human Geography: Exploring Earth's	(3)
balle ab	HIV BOAM 50		İ	Cultural Landscapes	
PHYSICS 1A	Principles Physics	(3)	 NO COMPARAE	BLE COURSE	
PHYSICS 1B	Principles Physics			BLE COURSE	
	Computers in Technology	(3)	NO COMPARAE	BLE COURSE	
MATH 16A	Short Calculus	(3)	 MATH 350 OR	Calculus for the Life and Social Sciences I	(3)
	OR		<u>OK</u> MATH 400 	Calculus I OR	(5)
	Elementary Statistics STATIST 13Y	(4)	 	Introduction to Probability and Statistics	(4)
			<u>OR</u> STAT 480 	Introduction to Probability and Statistics - Honors	(4)
			<u>OR</u> ECON 310	Economic Statistics	(3)
division s	e lower division resource social science/humanities Itation with advisor	cour	se for a min	nimum of six quarter uni	ts
SCI&SOC 18	GIS & Society				not.
				course(s) for articulati	
	DECOMME!	NDED	COURSES:		
	RECOMME				

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

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is $\frac{\text{highly recommended}}{\text{Preparing well for}}$ 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:

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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.		<u> </u>	<u> </u>	
COMUNCN 1	Intro Public Spkg OR	(4)	COMM 301 	Introduction to Public (Speaking OR	3)
COMUNCN 3	Intprsnl Com Cmpetnce OR	(4)	COMM 321	Interpersonal (Communication OR	3)
DRAMART 1	0 Intro To Acting	(4)	TA 342	Introduction to Acting (3)
			TA 350	Theory and Techniques of (Acting I	3)
BIOLSCI 2	A Intro Biology:Life on Earth OR	(5)	BIOL 402 	Cell and Molecular (Biology OR	5)
BIOLSCI 1	0 Everyday Biology	(4)	BIOL 305	Natural History (4)
CHEM 2A	Genl Chemistry OR	(5)	CHEM 400 	General Chemistry I (5)
CHEM 10	Concept of Chem	(4)	j	Adventures in (4)
PHYSICS 1	A Principles Physics	(3)			
BIOLSCI 2	B Intro Biology: Ecology & Evolution OR	(5)	BIOL 412 BIOL 422 		5) 5)
CHEM 2B	Genl Chemistry OR	(5)	CHEM 400 CHEM 401	<pre>General Chemistry I General Chemistry II OR</pre>	
PHYSICS 1	B Principles Physics	(3)	NO COMPAR		
	ONE COURSE FRO	OM TI	HE FOLLOWI	ing:	
PL SCI 21	Computers in Technology OR	(3)	NO COMPAR	RABLE COURSE OR	
SCI&SOC 1	8 GIS & Society	(3)		E ARTICULATED: College has no course(s) for articulation	
ECON 1A	Princ of Microecon	(4)	 ECON 304 	Principles of (3)
ECON 1B	Princ of Macroecon	(4)	ECON 302		3)

ONE COURSE FROM THE FOLLOWING:

AN SCI 1 Domest Ani & People (4) NO COMPARABLE COURSE ATM SCI 60 Intro to Atmospheric (4) NO COMPARABLE COURSE

PL SCI 12 Same as:	Plants and Society SCI&SOC 12	(4)	 GEOL 302 Physical Geology NO COMPARABLE COURSE 	(4)
FORMERLY PL W&F BIO 51	Intro to Conservation Biology	(3)	NO COMPARABLE COURSE	
	Env Analysis	(4)	NO COMPARABLE COURSE	
	Short Calculus	(3)	MATH 350 Calculus for the and Social Science OR	
МАТН 16В	Short Calculus	(3)	MATH 400 Calculus I MATH 351 Calculus for the and Social Science	Life (3)
	OR		MATH 401 Calculus II OR	(5)
MATH 17A	Calculus for BioSci	(4)	MATH 350 Calculus for the and Social Science	
MATH 17B	Calculus for Biosci OR	(4)	MATH 351 Calculus for the and Social Science OR	
MATH 21A	~		MATH 400 Calculus I	
MATH 21B	Calculus	(4)	MATH 401 Calculus II	(5)
POL SCI 1	Amer Natl Govt	(4)	POLS 301 Introduction to Government: Unite	` '
			OR POLS 481 Introduction to Government: Unite States - Honors	ed
STATIST 13		(4)	STAT 300 Introduction to Probability and Statistics	
			<u>OR</u> STAT 480 Introduction to Probability and Statistics - Hono	
			<u>OR</u> ECON 310 Economic Statist	ics (3)
	OR Gateway to Data Science	(4)	OR NO COMPARABLE COURSE	
	CLIMAT	E CHA	NGE POLICY AREA:	
SCI&SOC 25	Global Climate Change	(3)	NO COMPARABLE COURSE	
END OF MAJO	R			

j) If a student takes GEOL 302 at Sacramento City College, credit will be given for UC Davis's GEOLOGY 1 or 50+50L, 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 https://doi.org/10.1001/journal.com/ 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.

avallable I	rom our TAG website.			
COMUNCN 1	Intro Public Spkg OR	(4)	COMM 301 Introduction to Public (3 Speaking OR	3)
COMUNCN 3	Intprsnl Com Cmpetnce OR	(4)	COMM 321 Interpersonal (3 Communication OR	3)
DRAMART 10		(4)	!	3)
			TA 350 Theory and Techniques of (3	3)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 402 Cell and Molecular (! Biology	5)
BIOLSCI 2B	Intro Biology: Ecology	(5)	BIOL 412 & Plant Biology (5	5)
	& Evolution		BIOL 422 Animal Biology (5	5)
BIOLSCI 2C				5)
	of Life		BIOL 422 Animal Biology (!	5)
CHEM 2A	Genl Chemistry	(5)	CHEM 400 General Chemistry I (5)
CHEM 2B			CHEM 400 & General Chemistry I (5)
			-	5)
G	OR	<i>(</i> - <i>)</i>	OR	
CHEM 2BH	Honors Genl Chemistry Honors Genl Chemistry			
		(4)	GEOL 302 Physical Geology (4	4)
c) GEOLOGY j)	50 Physical Geology	(3)	_	4)
PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE	
PHYSICS 1B	Principles Physics OR		NO COMPARABLE COURSE OR	
PHYSICS 7A	General Physics	(4)	·	4)
DIMIGEGG ED	a l pl	(4)	PHYS 360 General Physics (4	4)
PHYSICS 7B	General Physics	(4)	:	4)
PHYSICS 7C	General Physics	(4)		4) 4)
11110100 /0	General Fullanca	(1)	:	4)
It is highl	v recommended that students	3 COI	mplete an entire physics series at	- /
			t to the entire NC Davis Physics 71/B	/ С

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

ECON 1A	Princ of Microecon	(4) ECON 304	Principles of Microeconomics	(3)
MATH 16A	Short Calculus	(3) MATH 350	Calculus for the Life	(3)

MATH 16B	Short Calculus	(3)	<u>OR</u> MATH 4 MATH 3 <u>OR</u> MATH 4	351	and Social Sciences I Calculus I Calculus for the Life and Social Sciences II Calculus II	(5) (3)
MATH 17A	OR Calculus for BioSci	(4)	 матн 3	350	OR Calculus for the Life	(3)
МАТН 17В	Calculus for Biosci		 MATH 3 		and Social Sciences I Calculus for the Life and Social Sciences II	(3)
MATH 21A MATH 21B			1		OR Calculus I Calculus II	(5) (5)
ENV S&P 1	Env Analysis	(4)	NO COM	IPARAB	LE COURSE	
	RECOMMENDED COUI	RSES	FOR TH	HIS MA	JOR:	
CHEM 2C	Genl Chemistry OR	(5)	CHEM 4	101	General Chemistry II OR	(5)
CHEM 2CH	Honors Genl Chemistry	(5)		184	~	
	PREPARATION	FOR	GRADUA	ATION:		
	Elementary Statistics STATIST 13Y	(4)	<u> </u> 	300	Introduction to Probability and Statistics	(4)
			<u>OR</u> STAT 4 	180	Introduction to Probability and Statistics - Honors	(4)
			<u>OR</u> ECON 3	310	Economic Statistics	(3)
	ECOLOGY, BIODIVERSITY,	AND.	CONSE		N TDACK.	
ATM COT 60						
AIM SCI 60	Intro to Atmospheric Science	(4)	NO COM 	IPARAB.	LE COURSE	
	CLIMATE CHANG	E AN	D AIR Ç	QUALIT	Y TRACK:	
ATM SCI 60	Intro to Atmospheric Science	(4)	NO COM 	MPARAB	LE COURSE	
	WATERSHED	sci	ENCE TF	RACK:		
	Water, Power, Society SCI&SOC 10	(3)	NO COM	(IPARAB	LE COURSE	
GEOLOGY 35 LND ARC 60	Rivers Landform Grading Studio	(6)	NO COM	(IPARAB (IPARAB		
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given for UC Davis's GEOLOGY 1 or 50+50L, not both.

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

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

Special Advising Note:

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 $\underline{\tt General\ Catalog}$. 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 402	Cell and Molecular Biology	(5)
BIOLSCI 2B Intro Biology: Ecology & Evolution BIOLSCI 2C Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 422	Plant Biology Animal Biology Plant Biology	(5) (5) (5) (5)
CHEM 2A Genl Chemistry CHEM 2B Genl Chemistry CHEM 2C Genl Chemistry	(5)	CHEM 400 <u>&</u> CHEM 401	General Chemistry I General Chemistry I General Chemistry II General Chemistry II	(5) (5) (5) (5)
CHEM 2AH Honors Genl Chemistry CHEM 2BH Honors Genl Chemistry CHEM 2CH Honors Genl Chemistry	(5)	CHEM 484	LE COURSE General Chemistry II	(5) (1)
k) CHEM 118A Org Chem, Hlth & Sci	(4)	CHEM 425 OR	Organic Chemistry with Biological Emphasis I	(4)
k) CHEM 118B Org Chem, Hlth & Sci	(4)	CHEM 420	Biological Emphasis I Organic Chemistry with	(4)
k) CHEM 118C Org Chem, Hlth & Sci	(4)	<u>OR</u> CHEM 420 & CHEM 421 CHEM 426	Biological Emphasis II Organic Chemistry I Organic Chemistry II Organic Chemistry with Biological Emphasis II	(5) (5) (4)
OR k) CHEM 128A Organic Chemistry k) CHEM 128B Organic Chemistry	(3)	<u>OR</u> CHEM 421 CHEM 420 CHEM 420 <u>&</u>	Organic Chemistry II OR Organic Chemistry I Organic Chemistry I	(5) (5) (5)

	C Organic Chemistry A Organic Chem Lab		CHEM CHEM CHEM	421	Organic Chemistry II	
MATH 17A	Calculus for BioSci	(4)	MATH 	350	Calculus for the Life and Social Sciences I	(3)
MATH 17B	Calculus for Biosci	(4)	MATH 	351	Calculus for the Life and Social Sciences II	(3)
MATH 17C	Calculus for BioSci	(4)	MATH 	352	Calculus for Biology and Medicine	(2)
	OR		ĺ		OR	
MATH 21A	Calculus	(4)	MATH	400	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH	401	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH	402	Calculus III	(5)
PHYSICS 7A	General Physics	(4)	PHYS	350	& General Physics	(4)
			PHYS	360	General Physics	(4)
PHYSICS 7B	General Physics	(4)	PHYS	350	& General Physics	(4)
			PHYS	360	General Physics	(4)
PHYSICS 7C	General Physics	(4)	PHYS	350	& General Physics	(4)
			PHYS	360	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.

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k) If a student takes CHEM 420,421 at Sacramento City College, credit will be given for UC Davis's CHEM 118A,B,C series OR the 128A,B,C,129A,B,C series, not both.

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

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

equivalents:

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

It is also <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 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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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	402	Cell and Molecular Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology	(5)	BIOL	412 &	Plant Biology	(5)
	& Evolution			422	Animal Biology	(5)
BIOLSCI 2C	Intro Biology:		:	_		(5)
	Biodiversity & the Tree of Life		BIOL	422	Animal Biology	(5)
CHEM 2A	Genl Chemistry	(5)	 CHEM	 400	General Chemistry I	(5)
	-				General Chemistry I	
			•	_	General Chemistry II	
CHEM 8A	Organic Chem-Brief	(2)	NO CO	 OMPARAB	LE COURSE	
CHEM 8B	Organic Chem-Brief	(4)	NO CO	OMPARAB	LE COURSE	
MATH 17A	Calculus for BioSci	(4)	 MATH	350	Calculus for the Life	(3)
					and Social Sciences I	
MATH 17B	Calculus for Biosci	(4)	MATH	351	Calculus for the Life and Social Sciences II	(3)
	OR				OR	
MATH 21A	Calculus	(4)	MATH	400	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH	401	Calculus II	(5)
PHYSICS 1A	Principles Physics	(3)	NO CO	OMPARAB	LE COURSE	
	Principles Physics				LE COURSE	
		-	NDED:			
MATH 17C	Calculus for BioSci	(4)	MATH	352	Calculus for Biology	(2)
	OR				and Medicine OR	
MATH 21C	*	(4)	 MATH	402	Calculus III	(5)
			· 			

END OF MAJOR

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

Special Advising Note:

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

Transfer students are strongly advised to complete as many preparatory courses

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

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

It is also <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.

avaılabl	le froi	m our TAG web	site.						
BIOLSCI	2A	 Intro Biolog Earth	y:Life on	(5)	 BIOL 	402		Cell and Molecular Biology	(5)
BIOLSCI	2B	Intro Biolog	y: Ecology	(5)	:		_	Plant Biology	(5)
		& Evolution			BIOL			Animal Biology	(5)
BIOLSCI	2C	Intro Biolog			!		_		(5)
		Biodiversity of Life	& the Tree		BIOL	422		Animal Biology	(5)
CHEM 2A		nl Chemistry							(5)
CHEM 2B	Ge	nl Chemistry		(5)					(5)
CITEM OC	Q			/ - \	CHEM	401		General Chemistry II	(5)
CHEM 2C	Ge:	nl Chemistry		(5)	 	401 		General Chemistry II	(5)
		ganic Chem-Br						LE COURSE	
CHEM 8B	Org	ganic Chem-Br OR	ief	(4)	NO CO	OMPAF	RABI		
k) CHEM	118A	~	Hlth & Sci	(4)	 CHEM 	425		OR Organic Chemistry with Biological Emphasis I	(4)
					OI	<u> </u>		5	
					CHEM			Organic Chemistry I	
k) CHEM	118B	Org Chem,	Hlth & Sci	(4)	CHEM	425	<u>&</u>	Organic Chemistry with	(4)
					CITEM	126		Biological Emphasis I	(1)
					CHEM	420		Organic Chemistry with Biological Emphasis	(4)
								II	
					OI OI	_			
					CHEM		<u>&</u>	Organic Chemistry I	
la) CHEM	1100	Org Chem,	ul+b c cai	(1)	CHEM			Organic Chemistry II Organic Chemistry with	(5)
K) CHEM	1100	org chem,	HICH & SCI	(4)	CHEM	420		Biological Emphasis	(4)
								II	
					OI	_			
					CHEM 	421 		Organic Chemistry II	(5)
MATH 17	A C	alculus for B	ioSci	(4)	MATH	350		Calculus for the Life	(3)
				(4)		251		and Social Sciences I	(2)
MATH 17E	3 C	alculus for B	loscl	(4)	MATH	351		Calculus for the Life and Social Sciences II	(3)
MATH 170	C C	alculus for B	ioSci	(4)	MATH	352		Calculus for Biology	(2)
								and Medicine	
MATH 21 <i>i</i>	\ C.	OR alculus		(1)	 MATH	400		OR Calculus I	(5)
MATH 21F		alculus			MATH			Calculus II	(5)
					· 				
PHYSICS	7A	General Phys	ics	(4)	PHYS			General Physics	(4)
PHYSICS	7B	General Phys	ics	(4)	PHYS PHYS			General Physics General Physics	(4) (4)
11110100	, ப	General Filys	100	(1)	PHYS			General Physics	(4)
PHYSICS	7C	General Phys	ics	(4)	1			General Physics	(4)
					PHYS	360		General Physics	(4)
It is hi	ighly :	recommended t	hat student	s co	mplete	e 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 402 Calculus III (5)

END OF MAJOR

k) If a student takes CHEM 420,421 at Sacramento City College, credit will be given for UC Davis's CHEM 118A,B,C series OR the 128A,B,C,129A,B,C series, not both.

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

CHEM 2A Genl Chemistry (5) CHEM 400 General Chemistry I (5) The undergraduate major Fiber and Polymer Science in the College of Agricultural and Environmental Sciences has been suspended for fall 2017 applicants, and fall 2017 TAGs will not be available. The minor in Fiber and Polymer Science will remain available to these applicants. Fall 2017 applicants are encouraged to consider the Textiles and Clothing major, Textile Science option.

CHEM 2B (5)|CHEM 400 <u>&</u> General Chemistry I Genl Chemistry CHEM 401 General Chemistry II (5) CHEM 2C Genl Chemistry (5) CHEM 401 General Chemistry II (5) ______ B) ENG CS 15 Intro to Computers (4) NO COMPARABLE COURSE OR OR (4) CISP 360 Introduction to (4)ENG CS 36A Programming Formerly ENG CS 30 Structured Programming OR CISP 401 Object Oriented (4)Programming with Java

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

MATH	16A	Short	Calculus	(3)	MATH 	350		for the Life al Sciences I	(3)
					OI	₹.			
					MATH	400	Calculus	I	(5)
MATH	16B	Short	Calculus	(3)	MATH	351	Calculus	for the Life	(3)
					ĺ		and Socia	al Sciences II	
					OI	2			
					MATH	401	Calculus	II	(5)
MATH	16C	Short	Calculus	(3)	MATH	351	Calculus	for the Life	(3)
							and Socia	al Sciences II	
					OI	2			
					MATH	401	Calculus	II	(5)
			OR		İ		OR		
MATH	21A	Calcul	lus	(4)	MATH	400	Calculus	I	(5)
MATH	21B	Calcul	lus	(4)	MATH	401	Calculus	II	(5)
MATH	21C	Calcul	lus	(4)	MATH	402	Calculus	III	(5)

PHYSICS 7A	General Physics	(4)	PHYS	350 &	General Physics	(4)
	-			360		(4)
PHYSICS 7B	General Physics	(4)	PHYS	350 <u>&</u>	General Physics	(4)
				360		(4)
PHYSICS 7C	General Physics	(4)		_	General Physics	(4)
			•	360	-	(4)
	y recommended that student					'D / C
	nity college that is equiv re transferring. Students					
	be required to take additi					. C
	will need to meet with a U					
physics.					J	
	OR				OR	
PHYSICS 9A	Classical Physics	(5)	PHYS	410 <u>&</u>	Mechanics of Solids	(5)
				100 -	and Fluids	<i>(</i> - <i>)</i>
			PHYS	420 <u>&</u>	Electricity and	(5)
			 DHAG	430	Magnetism Heat, Waves, Light and	(5)
				430	Modern Physics	(3)
PHYSICS 9B	Classical Physics	(5)	PHYS	410 &		(5)
	-		İ	_	and Fluids	
			PHYS	420 <u>&</u>	Electricity and	(5)
			ļ		Magnetism	
			PHYS	430	Heat, Waves, Light and	(5)
PHYSICS 9C	Classical Physics	(5)	 DHVG	410 &	Modern Physics Mechanics of Solids	(5)
11110100 70	Classical Hijsics	(3)		110 <u>u</u>	and Fluids	(3)
			PHYS	420 &	Electricity and	(5)
			j	_	Magnetism	
			PHYS	430	Heat, Waves, Light and	(5)
					Modern Physics	
STATIST 13	Elementary Statistics	(4)	 ctat	300	Introduction to	(4)
	STATIST 13Y	(1)		300	Probability and	(1)
			İ		Statistics	
			<u>o</u>	<u>R</u>		
			STAT	480	Introduction to	(4)
			ļ		Probability and	
			01	P	Statistics - Honors	
				310	Economic Statistics	(3)
	Intro Textiles					(3)
TEX&CL 8	Textile Apparel Ind OR	(4)	INO CO	JMPARAI	OR	
	O.K		1			
ENGIN 45	Prop of Mats	(4)	ENGR	412	Properties of	(3)
			İ		Materials	
	PREPARATION	ਧΩਜ਼ੂੂੂੂ	GRADI	JATT∩N	:	
	11211241101	0.10				
k) CHEM 128	5					(5)
k) CHEM 128	B Organic Chemistry					(5)
1 \ ~~~~~ 1 < 5				421		
k) CHEM 128		(3)	CHEM	421 420	Organic Chemistry II	
k) CHEM 129 k) CHEM 129	A Organic Chem Lab B Organic Chem Lab	(Z)	CHEM	±∠∪ 420 s	Organic Chemistry I Organic Chemistry I	(5) (5)
, Оши 129				421		

ECON 1A	Princ of Microecon	(4) ECON 304	Principles of (3 Microeconomics	,)		
ECON 1B	Princ of Macroecon	(4) ECON 302	Principles of (3 Macroeconomics	,)		
 MATH 22A	 Linear Algebra	 (3) MATH 410	Introduction to Linear (3			
	3		Algebra	•		
MATH 22B	Differntl Equations	(3) MATH 420	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.
- k) If a student takes CHEM 420,421 at Sacramento City College, credit will be given for UC Davis's CHEM 118A,B,C series OR the 128A,B,C,129A,B,C series, not both.

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 $\underline{\text{General Catalog}}$. 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 30	01	Introduction to Public Speaking	(3)
MATH 16A	Short Calculus	(3)	MATH 35	50	Calculus for the Life and Social Sciences I	(3)
			MATH 40	00	Calculus I	(5)
MATH 16B	Short Calculus	(3)	 MATH 35 		Calculus for the Life and Social Sciences II	
			OR			
			MATH 40		Calculus II	
MATH 16C	Short Calculus	(3)	MATH 35 	51	Calculus for the Life and Social Sciences II	(3)
			OR			
			MATH 40	01	Calculus II	(5)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 40 	02	Cell and Molecular Biology	(5)
CHEM 2A	Genl Chemistry	(5)	 CHEM 40	 00	General Chemistry I	(5)
	Genl Chemistry		!	3 00	General Chemistry I General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	!		General Chemistry II	(5) (5)

CHEM 8A	Organ	ic Chem-Bri AND	.ef	(2)	NO CC	MPAI	RAB:	LE COURSE AND		
CHEM 8B	Organ	ic Chem-Bri OR	ef	(4)	NO CO	MPAI	RAB:	LE COURSE OR		
k) CHEM	118A (-	Ilth & Sci	(4)	CHEM	425		Organic Chemistr Biological Empha		(4)
		AND			<u>OF</u> CHEM	-		Organic Chemistry	y I	(5)
k) CHEM	118B (Ilth & Sci	(4)	 CHEM 	425	<u>&</u>	Organic Chemistry Biological Empha		(4)
					 CHEM 	426		Organic Chemistry Biological Empha	y with	(4)
					OF	2				
					CHEM CHEM		<u>&</u>	Organic Chemistr		(5) (5)
k) CHEM	128A (OR Organic Che AND	emistry	(3)	 CHEM	420		OR Organic Chemistry AND	y I	(5)
k) CHEM	128B	Organic Che	emistry	(3)	CHEM		_	Organic Chemistr		(5)
		AND			CHEM	421		Organic Chemistry	y II	(5)
c) CHEM	129A (Organic Che	em Lab	(2)	 CHEM 	420		Organic Chemistr	у I 	(5)
PHYSICS	7A Ger	neral Physi	.CS					General Physics		(4)
PHYSICS	7D Co.	neral Physi	G.G.		PHYS			General Physics General Physics		(4)
птысь	/b Gei	nerar Physi	.CS	(+)	PHYS		_	General Physics		(4) (4)
HYSICS	7C Ge1	neral Physi	CG	(4)				General Physics		(4)
1110100	, c	iciai iijoi	.00	(- /	1	550		CCITCE GET TITY DECD		(- /
their co	ommunity o	college tha	it is equiv	alen	t to t	360 an he e	en:	General Physics tire physics seri ire UC Davis Phys	ics 7A,	
their co series b series m Davis, a	ommunity of the communi	college tha ansferring. quired to t	t is equivalents of the studen	alent who tonal	mplete t to t transf physi	360 an the e ter v	ent ent vitl	tire physics seri	ics 7A, n enti: at UC	/B/C
their co series b series m	ommunity opefore transport of the control of the co	college than sferring. quired to the meed to mee	t is equivalents of the studen	alent who tonal C Dav	mplete t to t transf physi vis ac	360 e an the e er v cs o	entent	tire physics seri- ire UC Davis Phys nout completing a rses upon arrival pefore continuing	ics 7A, n enti: at UC	/B/C
their co series m Davis, a physics. FD S&T 5 STATIST	ommunity of perfore transport transp	college that ansferring. quired to the need to mee to Food Preementary St	t is equiv Students ake additi t with a U	alentwho tonal C Dav (3)	mplete t to t transf physi vis ac NO CC STAT	360 e an the e fer v cs d viso DMPAN 300	entent	tire physics seri- ire UC Davis Phys nout completing a rses upon arrival pefore continuing LE COURSE	ics 7A, n entin at UC with	/B/C
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their co series t series m Davis, a physics. FD S&T 5 STATIST	ommunity of pefore transperse and will not be seen to b	college that ansferring. quired to the need to mee to Food Preementary St	t is equivers of the state of t	alentwho tonal C Dav (3)	mplete t to t transf physi vis ac NO CC STAT STAT STAT	360 e an the effer work of the control of the contr	ent ent cou cr	tire physics seri- ire UC Davis Physics seri- ire UC Davis Physics seri- ire UC Davis Physics and series upon arrival periodic continuing LE COURSE Introduction to Probability and Statistics Introduction to Probability and Probability and	ics 7A, n entin at UC with	/B/Cre (4)
their coseries monayis, a physics	ommunity of perfore transport of the performance of	college that ansferring. Quired to the need to mee to mee to Food Preementary St. 13Y	st is equivers of students of	alentwho tonal C Dav (3) (4)	mplete t to t transf physi vis ac NO CO STAT STAT STAT STAT STAT MECON INOTE	360 an the efer was considered and the effect wise of the effect with the effe	ent	tire physics seri- ire UC Davis Physics seri- ire UC Davis Physics and the properties of the probability and Statistics - Hon-	ics 7A, n entin at UC with	(4)
their coseries monayis, a physics	ommunity of perfore transport of the performance of	college that ansferring. Quired to the need to mee to mee to Food Preementary St. 13Y	st is equivers of students of	alentwho tonal C Dav (3) (4)	mplete t to t transf physi vis ac NO CO STAT STAT STAT STAT STAT MECON INOTE	360 an the electric control of	ent	tire physics seri- ire UC Davis Physics nout completing at resease upon arrival pefore continuing LE COURSE Introduction to Probability and Statistics Introduction to Probability and Statistics - Hone Economic Statist	ics 7A, n entin at UC with ors ics	(4)
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their coseries because of the coseries of the	ommunity of pefore transport of the pefore transport of the period of th	college that ansferring. Quired to the need to mee to provide the need to mee to provide the need to mee to Food Presentary St. T. T. T. T. T. T. T. T. T. T. T. T. T.	Students students stake addition the with a University of the servation statistics. Concepts INTENDING	alentwho to onal C Dav (3) (4)	mplete t to t transf physi vis ac NO CO STAT STAT STAT STAT STAT NOTE NUTRI NUTRI NUTRI NUTRI NUTRI NUTRI NUTRI NUTRI NUTRI NUTRI	360 an the electric of the second of the electric of the elect	ent	tire physics sericire UC Davis Physics nout completing at research properties and sees upon arrival personal pe	ics 7A, n entin at UC with ors ics s y with sis	(4) (3) (3)

AND	AND
k) CHEM 129B Organic Chem Lab (2)	CHEM 420 & Organic Chemistry I (5)
	CHEM 421 Organic Chemistry II (5)
AND	AND
k) CHEM 129C Organic Chem Lab (2)	CHEM 421 Organic Chemistry II (5)

END OF MAJOR

k) If a student takes CHEM 420,421 at Sacramento City College, credit will be given for UC Davis's CHEM 118A,B,C series OR the 128A,B,C,129A,B,C series, not both.

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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.

FRENCH 1	Elementary French	(5) FREN 401	Elementary French	(4)
FRENCH 2	Elementary French	(5) FREN 402	Elementary French	(4)
FRENCH 3	Elementary French	(5) FREN 411	Intermediate French	(4)
FRENCH 21	Intermed French	(5) FREN 412	Intermediate French	(4)
FRENCH 22	Intermed French	(5) NO COMPARAB	LE COURSE	
FRENCH 23	Intermed French	(5) NO COMPARAB	LE COURSE	

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

END OF MAJOR

====Gender, Sexuality and Women's Studies A.B.==== Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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.

available ird	om our TAG website.		
WOM STD 50	Intro Gender Studies	(4)	WGS 300 Introduction to Women's (3) Studies
WOM STD 60	Feminist Critiques	(4)	NO COMPARABLE COURSE
WOM STD 70			NO COMPARABLE COURSE
	TWO COURSES FF	ROM '	THE FOLLOWING:
AF-AMST 10	Af-Am Culture & Soc	(4)	NO COMPARABLE COURSE
AF-AMST 17	Women in Africa		NO COMPARABLE COURSE
AMR STD 21	Objects & Everyday Life		I .
	Amr Images Pop Cult	(4)	HUM 332 American Humanities (3)
ANTHRO 2 Cu	ıltural Anthropology	(5)	ANTH 310 Cultural Anthropology (3)
			<u>OR</u>
			ANTH 481 Honors Cultural (3) Anthropology
ANTHRO 20	Comparative Cultures	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
ANTHRO 30	Sexualities	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s)for articulation
A A STD 1	Hist Exp Asian Am	(4)	ETHNS 330 The Asian American (3) Experience in America
A A STD 2	Contemp Issues of Asian Americans	(4)	NO COMPARABLE COURSE
CHICANO 10	Intro to Chic Std	(4)	ETHNS 340 Chicanos/Mexican (3) Americans in the U.S.
CHICANO 21	Hlth Care Issues	(4)	NO COMPARABLE COURSE
CHICANO 50	Chicano Culture		ETHNS 341 The Sociology & (3)
			Psychology of
			Mexicans and Latinos
			in the U.S.
COMPLIT 12	Intro Women Writers		!
DRAMART 1	Theatre, Performance and Culture	(4)	NO COMPARABLE COURSE
ENGLISH 3	Intro to Lit	(4)	ENGWR 301 College Composition (3)
			and Literature
			<u>OR</u>
			ENGWR 303 Argumentative Writing (4)
			and Critical
			Thinking Through
	7 T	(1)	Literature
	Am Women & Gender		NO COMPARABLE COURSE
	Am Women & Gender		NO COMPARABLE COURSE
HISTORY 85 N A STD 10	Nat,Man&Mach/Amer NA Experience		NO COMPARABLE COURSE NO COMPARABLE COURSE
N A STD 10 N A STD 32	NA Experience NA Music & Dance		NO COMPARABLE COURSE
POL SCI 7	Law & Politics		PHIL 368 Law, Justice, and (3)
TOD BCI 7	law a forferes	(1)	Punishment
PSYCH 1 Ge	eneral Psychology	(4)	PSYC 300 General Principles (3)
SCI&TEC 1	Intro Sci & Tech Std		NO COMPARABLE COURSE
	Intro History of Science	(4)	•
SCI&TEC 20	-	(4)	NO COMPARABLE COURSE
SCI&TEC 32	Drugs, Science and	(4)	NO COMPARABLE COURSE
	Culture		
Same as: A			
SOCIOL 2	Self and Society	(4)	PSYC 320 Social Psychology (3)

SOCIOL 3	Social Problems	(4)	SOC 301	Social Problems (3)
			SOC 481	Social Problems - (3) Honors
SOCIOL 11	Sociology of Labor and Employment	(4)	NO COMPARA	ABLE COURSE
b) SOCIOL 30	A Multicultural Societies	(3)	SOC 321 	Race, Ethnicity and (3) Inequality in the United States
			OR	
			SOC 482	Sociology of Race, (3)
				Ethnicity and
			j	Inequality - Honors
SOCIOL 30B	Multicultural Societies	(3)	NO COURSE	ARTICULATED: College has not
			submitted	course(s)for articulation
TEX&CL 7	Style & Cult Std	(4)	!	ABLE COURSE
	Writing Research Papers		!	ABLE COURSE
Formerly UW	2	(- /		EDIL COOKSI
WOM STD 20	Cult Repr of Gndr	(4)	NO COMPAR	ABLE COURSE
END OF MAJOR	-	(- /	12.0 001111110	

b) If a student takes SOCIOLOGY 321 at Sacramento City College, credit will be given for UC Davis Sociology 4 or Sociology 30A, 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.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer 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:

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	402		Cell and Molecular Biology	(5)
BIOLSCI	2B	Intro Biology: Ecology	(5)	BIOL		_	Plant Biology	(5)
		& Evolution		BIOL			Animal Biology	(5)
BIOLSCI	2C	Intro Biology:	(5)	BIOL	412	<u>&</u>	Plant Biology	(5)
		Biodiversity & the Tree		BIOL	422		Animal Biology	(5)
		of Life		ĺ				
CHEM 2A	 Ge	nl Chemistry	(5)	 CHEM	400		 General Chemistry I	(5)
CHEM 2B		nl Chemistry	. ,	!			General Chemistry I	(5)
CHEM ZD	GC	III CHEMISCLY	(3)	CHEM		_	General Chemistry II	(5)
				! -			1	,
CHEM 2C	Ge	nl Chemistry	(5)	CHEM	401		General Chemistry II	(5)
		OR					OR	
CHEM 2A	н н	conors Genl Chemistry	(5)	NO CO	AMPAI	RAB	LE COURSE	
CHEM 2B	н н	conors Genl Chemistry	(5)	NO CO	MPAF	RAB:	LE COURSE	
CHEM 2C	н н	Conors Genl Chemistry	(5)	CHEM	401	&	General Chemistry II	(5)
		-		CHEM		_	Advanced General	(1)

					Chemistry - Honors	
_	ganic Chem-Brief ganic Chem-Brief OR		!		LE COURSE LE COURSE OR	
k) CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM (Organic Chemistry with Biological Emphasis I	(4)
k) CHEM 118B	Org Chem, Hlth & Sci	(4)	<u>OR</u> CHEM	420 425 <u>&</u>	Organic Chemistry I Organic Chemistry with Biological Emphasis I Organic Chemistry with	(4)
					Biological Emphasis	(1)
k) CHEM 118C	Org Chem, Hlth & Sci	(4)	<u>OR</u> CHEM CHEM CHEM	420 <u>&</u> 421 426	Organic Chemistry I Organic Chemistry II Organic Chemistry with Biological Emphasis II	(5) (5) (4)
			<u>OR</u> CHEM		Organic Chemistry II	(5)
MATH 17A Ca	alculus for BioSci	(4)	: MATH	350	Calculus for the Life and Social Sciences I	(3)
MATH 17B Ca	alculus for Biosci	(4)	 MATH 	351	Calculus for the Life and Social Sciences II	(3)
MATH 17C Ca	alculus for BioSci	(4)	 MATH 	352	Calculus for Biology and Medicine	(2)
MARII 01a G	OR	(1)		400	OR	/ F \
	alculus alculus		HTAM HTAM 		Calculus I Calculus II	(5)
PHYSICS 7A	General Physics	(4)	PHYS	_	General Physics	(4)
PHYSICS 7B	General Physics	(4)	PHYS :	350 <u>&</u>	General Physics General Physics	(4) (4)
PHYSICS 7C	General Physics	(4)	PHYS : PHYS : PHYS :	350 <u>&</u>	General Physics General Physics General Physics	(4) (4) (4)
F1 1 1 1 1 1 1	2 2 12 1 1 2 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 physics.

RECOMMENDED: MATH 21C Calculus (4) | MATH 402 Calculus III (5

END OF MAJOR

k) If a student takes CHEM 420,421 at Sacramento City College, credit will be given for UC Davis's CHEM 118A,B,C series OR the 128A,B,C,129A,B,C series, not both.

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

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is highly recommended that students complete chemistry courses before transferring.

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

available from our TAG website.

GEOLOGY 3 GEOLOGY 3L	History of Life History of Life Lab	(3) GEOL 310 (1) GEOL 311	Historical Geology Historical Geology	(3)
c) GEOLOGY	50 Physical Geology	(3) GEOL 302	Laboratory Physical Geology	(4)
c) GEOLOGY	50L Physical Geol Lab	(2) GEOL 302	Physical Geology	(4)
GEOLOGY 60	Earth Materials:Intro	(4) NO COMPARA	BLE COURSE	
MARIT 163				
MATH 16A	Short Calculus	(3) MATH 350 	Calculus for the Life and Social Sciences I	(3)
MATH 16B	Short Calculus Short Calculus	(3) MATH 350 OR MATH 400 (3) MATH 351		(3)(5)(3)

	OR		MATH	401	Calculus O I			(5)
	Calculus Calculus	, ,	MATH MATH		Calculus Calculus			(5)
	enl Chemistry enl Chemistry	٠,	CHEM CHEM CHEM	400 8	<u>&</u> General	Chemistry Chemistry Chemistry	I	(5) (5) (5)
PHYSICS 7A	General Physics	(4)	PHYS PHYS	-	_	Physics Physics		(4)
PHYSICS 7B	General Physics	(4)	PHYS PHYS	-		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

STATIST Same		Elementary STATIST 13Y	Statistics	(4)	STAT 	300	Introducti Probabilit Statistics	y and	(4)
					<u>OI</u>	_			
					STAT	480	Introducti		(4)
							Probabilit	y and	
							Statistics	- Honors	
					OI	<u>R</u>			
					ECON	310	Economic S	Statistics	(3)
		OR					OR		
STATIST	32	Gateway to Da	ata Science	(4)	NO CO	OMPARAB!	LE COURSE		

END OF MAJOR

- c) This course is not strictly comparable with UC Davis courses but will fulfill the introductory physical geology requirement for the geology major at UC Davis.
- j) If a student takes GEOL 302 at Sacramento City College, credit will be given for UC Davis's GEOLOGY 1 or 50+50L, not both.

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

Special Advising Note:

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

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

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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

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

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

GEOLOGY 3	History of Life	(3) GEOL 310	Historical Geology	(3)
GEOLOGY 3L	History of Life Lab	(1) GEOL 311 	Historical Geology Laboratory	(1)
c) GEOLOGY j)	50 Physical Geology	(3) GEOL 302	Physical Geology	(4)
c) GEOLOGY j)	50L Physical Geol Lab	(2) GEOL 302 	Physical Geology	(4)
GEOLOGY 60	Earth Materials:Intro	(4) NO COMPARA	ABLE COURSE	
GEOLOGY 62	Optical Mineralogy	(2) NO COMPARA		
GEOLOGI 02	Optical Mineralogy	(2) NO COMPARA	ABLE COURSE	
	G-11	(4) harmu 400		
MATH 21A	Calculus	(4) MATH 400	Calculus I	(5)
MATH 21B	Calculus	(4) MATH 401	Calculus II	(5)
MATH 21C	Calculus	(4) MATH 402	Calculus III	(5)
CHEM 2A	Genl Chemistry	(5) CHEM 400	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5) CHEM 400 &		(5)
	<u>-</u>	CHEM 401	General Chemistry II	(5)
		CUEM 401	General Chemistry II	(3)

SELECT ONE OF THE FOLLOWING THREE OPTIONS:

GENERAL GEOLOGY OPTION:

CHEM 2C	Genl Chemistry	(5)	CHEM	401		General	Chemistry II	(5)
STATIST 32	1					LE COURSI	_	(3)
PHYSICS 7A	General Physics					General		(4)
			PHYS	360	_	General	Physics	(4)
PHYSICS 7B	General Physics	(4)	PHYS	350	&	General	Physics	(4)
			PHYS	360	_	General	Physics	(4)
PHYSICS 7C	General Physics	(4)	PHYS	350	<u>&</u>	General	Physics	(4)
			PHYS	360	_	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.

	OR		OR	
PHYSICS 9A	Classical Physics	(5) PHYS 410 &	Mechanics of Solids	(5)
		DUVC 420 c	and Fluids Electricity and	(5)
		PRIS 420 <u>ac</u>	Electricity and	(5)

					 PHYS 	430		Magnetism Heat, Waves, Light and Modern Physics	(5)
PHYSICS	9B	Classical	Physics	(5)	PHYS	410	<u>&</u>	Mechanics of Solids and Fluids	(5)
					PHYS	420	<u>&</u>	Electricity and Magnetism	(5)
					PHYS	430		Heat, Waves, Light and Modern Physics	(5)
PHYSICS	9C	Classical	Physics	(5)	PHYS	410	<u>&</u>	Mechanics of Solids and Fluids	(5)
					PHYS	420	<u>&</u>	Electricity and Magnetism	(5)
					PHYS 	430		Heat, Waves, Light and Modern Physics	(5)

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

GEOCHEMISTRY/PETROLOGY OPTION:

CHEM 2C STATIST 32	Genl Chemistry Gateway to Data Science	, ,	CHEM			General Chemistry II LE COURSE	(5)
MATH 21D	Vector Analysis	(4)	MATH	402		Calculus III	(5)
PHYSICS 9A	Classical Physics	(5)	PHYS	410	<u>&</u>	Mechanics of Solids and Fluids	(5)
			PHYS 	420	<u>&</u>	Electricity and Magnetism	(5)
			PHYS	430		Heat, Waves, Light and Modern Physics	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS	410	<u>&</u>	Mechanics of Solids and Fluids	(5)
			PHYS	420	<u>&</u>	Electricity and Magnetism	(5)
			PHYS	430		Heat, Waves, Light and Modern Physics	(5)

QUANTITATIVE/GEOPHYSICS OPTION:

MATH 21D	Vector Analysis	(4)	MATH	402		Calculus III	(5)
MATH 22A	Linear Algebra	(3)	MATH	410		Introduction to Linear	(3)
						Algebra	
PHYSICS 9A	Classical Physics	(5)	PHYS	410	<u>&</u>	Mechanics of Solids	(5)
						and Fluids	
			PHYS	420	<u>&</u>	Electricity and	(5)
						Magnetism	
			PHYS	430		Heat, Waves, Light and	(5)
						Modern Physics	
PHYSICS 9B	Classical Physics	(5)	PHYS	410	<u>&</u>	Mechanics of Solids	(5)
						and Fluids	
			PHYS	420	<u>&</u>	Electricity and	(5)
						Magnetism	
			PHYS	430		Heat, Waves, Light and	(5)
						Modern Physics	
PHYSICS 9C	Classical Physics	(5)	PHYS	410	<u>&</u>	Mechanics of Solids	(5)
						and Fluids	
			PHYS	420	<u>&</u>	Electricity and	(5)
						Magnetism	
			PHYS	430		Heat, Waves, Light and	(5)
						Modern Physics	

- c) This course is not strictly comparable with UC Davis courses but will fulfill the introductory physical geology requirement for the geology major at UC Davis.
- j) If a student takes GEOL 302 at Sacramento City College, credit will be given for UC Davis's GEOLOGY 1 or 50+50L, not both.

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

GERMAN 1 Elementary German (5) NO COURSE ARTICULATED: College has not submitted course(s) for articulation

GERMAN 2 Elementary German (5) NO COURSE ARTICULATED: College has not submitted course(s) for articulation

GERMAN	3 Elemen	ntary Ger	man	(5)			ARTICULA			
					suk	omitted	course(s)for	articula	ation
GERMAN	20 Inte	rmediate	German				ARTICULA			
					suk	omitted	course(s)for	articula	ation
GERMAN	21 Inte	rmediate	German	(4)	NO	COMPARA	ABLE COUR	SE		
GERMAN	22 Inte	rmediate	German	(4)	NO	COMPARA	ABLE COUR	SE		

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.

Transfer Admission Guarantee (TAG) Note:

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

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

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

GDISBIO	90	Intro Global Bio	Disease	(1)	•			RTICULATED: College has ourse(s)for articulation	
SCI&SOC	13	Disease and	Society	(3)				RTICULATED:College has noted and course(s)for articulation	
BIOLSCI	2A	Intro Biolog Earth	gy:Life on	(5)	BIOL	402		Cell and Molecular Biology	(5)
BIOLSCI	2B		y: Ecology				<u>&</u>	Plant Biology Animal Biology	
BIOLSCI	2C	Intro Biolog	y:	(5)	BIOL	412	<u>&</u>	Plant Biology	(5)
		nl Chemistry nl Chemistry			CHEM	400	&	General Chemistry I General Chemistry I General Chemistry II	(5)
CHEM 2C	Ge	nl Chemistry		(5)	CHEM	401		General Chemistry II	(5)
		ganic Chem-Br ganic Chem-Br OR							
k) CHEM	118A	Org Chem,	Hlth & Sci	(4)	CHEM			Organic Chemistry with Biological Emphasis I	(4)
k) CHEM	118B	Org Chem,	Hlth & Sci	(4)	CHEM	420		Organic Chemistry I Organic Chemistry with Biological Emphasis I	
					CHEM	426		Organic Chemistry with Biological Emphasis II	(4)
					OI				
						421		Organic Chemistry I Organic Chemistry II	

MATH 17A	Calculus for BioSci	(4)	MATH 	350	Calculus for the Life and Social Sciences I	(3)
MATH 17B	Calculus for Biosci	(4)	MATH 	351	Calculus for the Life and Social Sciences II	(3)
MATH 17C	Calculus for BioSci	(4)	MATH 	352	Calculus for Biology and Medicine	(2)
PHYSICS 7A	General Physics	(4)	!	350 <u>&</u> 360	General Physics General Physics	(4) (4)
PHYSICS 7B	General Physics	(4)	PHYS PHYS	_	General Physics General 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.

PREPARATION FOR GRADUATION:

STATIST Same	Elementary STATIST 13Y	Statistics	(4)	STAT 30 	00	Introduction to Probability and Statistics	(4)
				<u>OR</u> STAT 48 	30	Introduction to Probability and Statistics - Honors	(4)
				<u>OR</u> ECON 31	10	Economic Statistics	(3)

END OF MAJOR

k) If a student takes CHEM 420,421 at Sacramento City College, credit will be given for UC Davis's CHEM 118A,B,C series OR the 128A,B,C,129A,B,C series, not both.

====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 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ 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	(4)	· !	
		В.	ASIA	A	
HISTORY	9A	Indian Civilization East Asian Civ East Asian Civ	(4)	HIST 364 & Asian Civilization (3) HIST 365 Asian Civilization (3)	
		C. E	UROP	PE	
HISTORY	4B	Western Civ Western Civ Western Civ	(4)) NO COMPARABLE COURSE) HIST 300 & History of Western Civilization HIST 302 History of Western Civilization HIST 302 History of Western Civilization HIST 302 History of Western Civilization)
		D. LATI		 MPDTC3	-
		D. HAII	IN AM	MERICA	
HISTORY	7В	Latin America to 1700 Latin America 1700-1900 Latin America 1900-Present	(4)	NO COMPARABLE COURSE	
		E. MIDI	LE E		-
HISTORY	6	Intro to Middle East	(4)	HIST 380 History of the Middle (3))

East

F. UNITED STATES

HISTORY	17A	U.S. History	(4)	HIST 310 History of the United (3) States						
				OR OR						
				HIST 483						
HISTORY	17B	U.S. History	(4)	HIST 311 History of the United (3) States						
				<u>OR</u>						
				HIST 484 History of the United (3) States - Honors						
HISTORY		Race in America to 1865	(4)	NO COURSE ARTICULATED						
HISTORY	72A	Am Women & Gender	(4)	NO COMPARABLE COURSE						
		Am Women & Gender	, ,	NO COMPARABLE COURSE						
HISTORY	80	US in the Middle East	(2)	NO COURSE ARTICULATED: College has not						
				submitted course(s)for articulation						
HISTORY	85	Nat,Man&Mach/Amer	(4)	NO COMPARABLE COURSE						
G. WORLD										
HISTORY	1	Introduction to History	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation						
HISTORY	2 I	Intro History of Science	(4)	NO COURSE ARTICULATED						
HISTORY	3	Cities: Survey of World	(4)							
		Cultures	, ,	NO COMPARABLE COURSE						
HISTORY	10A		(4)	HIST 307 History of World (3) Civilizations to 1500						
		Cultures	(4)	HIST 307 History of World (3) Civilizations to 1500 HIST 308 History of World (3) Civilizations, 1500 to						
HISTORY	10B	Cultures World History to 1350 World History 1350-1850	(4)	HIST 307 History of World (3) Civilizations to 1500 HIST 308 History of World (3) Civilizations, 1500 to Present						
	10B	Cultures World History to 1350 World History 1350-1850 World History III	(4) (4)	HIST 307 History of World (3) Civilizations to 1500 HIST 308 History of World (3) Civilizations, 1500 to Present HIST 309 World History in the (3) Twentieth Century						
HISTORY	10B	Cultures World History to 1350 World History 1350-1850 World History III	(4) (4)	HIST 307 History of World (3) Civilizations to 1500 HIST 308 History of World (3) Civilizations, 1500 to Present HIST 309 World History in the (3)						
HISTORY	10B 10C 11	Cultures World History to 1350 World History 1350-1850 World History III	(4) (4) (4)	HIST 307 History of World (3) Civilizations to 1500 HIST 308 History of World (3) Civilizations, 1500 to Present HIST 309 World History in the (3) Twentieth Century NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not						
HISTORY HISTORY	10B 10C 11 12	Cultures World History to 1350 World History 1350-1850 World History III Hist Jewish People	(4) (4) (4) (4)	HIST 307 History of World (3) Civilizations to 1500 HIST 308 History of World (3) Civilizations, 1500 to Present HIST 309 World History in the (3) Twentieth Century NO COURSE ARTICULATED: College has not submitted course(s) for articulation						
HISTORY HISTORY HISTORY HISTORY	10B 10C 11 12 13	Cultures World History to 1350 World History 1350-1850 World History III Hist Jewish People Food and History	(4) (4) (4) (4) (4)	HIST 307 History of World (3) Civilizations to 1500 HIST 308 History of World (3) Civilizations, 1500 to Present HIST 309 World History in the (3) Twentieth Century NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submited course(s) for articulation						
HISTORY HISTORY HISTORY HISTORY	10B 10C 11 12 13 14	Cultures World History to 1350 World History 1350-1850 World History III Hist Jewish People Food and History Global Sexualities	(4) (4) (4) (4) (4) (4)	HIST 307 History of World (3) Civilizations to 1500 HIST 308 History of World (3) Civilizations, 1500 to Present HIST 309 World History in the (3) Twentieth Century NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submited course(s) for articulation NO COURSE ARTICULATED						

END OF MAJOR

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

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:

GPA and other requirements to obtain a UC Davis TAG 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.

ANTHRO 1	Human Evol Biol	(4)	ANTH 300	Physical Anthropology	(3)
			ANTH 480	Honors Physical Anthropology	(3)
ANTHRO 2	Cultural Anthropology	(5)	ANTH 310		(3)
			ANTH 481	Honors Cultural Anthropology	(3)
ANTHRO 15	Human Life Cycle	(5)	NO COMPARABI		
	Select one	e co.			
BIOLSCI 2A	Intro Biology:Life on Earth OR	(5)	BIOL 402 	Cell and Molecular Biology OR	(5)
BIOLSCI 10	Everyday Biology	(4)	BIOL 305	Natural History OR	(4)
MIC BIO 10	OR Natural History of Infectious Diseases OR	(3)	 BIOL 342 		(3)
NE PH B 12	Human Brain and Disease	(3)	PSYC 310	~	(3)
MOL&CB 10	Intro Human Heredity	(4)	NO COMPARAB	LE COURSE	
	Select one	GO.	urse from:		
HISTORY 17A	U.S. History	(4)	į	History of the United States	(3)
	OR		<u>OR</u> HIST 483 	History of the United States - Honors OR	(3)
HISTORY 17B		(4)	HIST 311	History of the United States	(3)
	OR		· —	History of the United States - Honors OR	(3)
HISTORY 72A		(4)	NO COMPARABI		
HISTORY 72B	-	(4)	 NO COMPARABI 		
POL SCI 1	Amer Natl Govt	(4)	POLS 301	Introduction to Government: United States	(3)
			<u>OR</u> POLS 481 	Introduction to Government: United States - Honors	(3)
	Select two of the	e fo	llowing cour	ses:	
PHILOS 5	Critical Reasoning	(4)	PHIL 320	Logic and Critical	(3)
PHILOS 15 PHILOS 30 PHILOS 31 PHILOS 32 PHILOS 38	Scientific Reason	(4) (4) (4)	NO COMPARAB: NO COMPARAB: NO COMPARAB: NO COMPARAB:	LE COURSE LE COURSE LE COURSE	

NE PH B 10	Elem Human Physio	(3)	· —	Anatomy and Physiology Anatomy and Physiology	
PSYCH 1	General Psychology	(4)	PSYC 300	General Principles	(3)
PSYCH 41	Select one of the Research Methods			us: Research Methods in	(2)
PSICH 41	OR	(4)	PSIC 335	Psychology OR	(3)
SOCIOL 46A	Intro Social Rsch AND	(4)	 NO COMPARAB 	* = ·	
SOCIOL 46B	Intro Social Rsch OR	(5)	NO COMPARAB	BLE COURSE OR	
STATIST 10	Statist Thinking OR	(4)	NO COMPARAB	BLE COURSE OR	
STATIST 13 Same as:	Elementary Statistics STATIST 13Y	(4)		Introduction to Probability and Statistics	(4)
			<u>OR</u> STAT 480 	Introduction to Probability and Statistics - Honors	(4)
			<u>OR</u> ECON 310	Economic Statistics	(3)

END OF MAJOR

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

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is <a href="https://doi.org/10.10/10.2016/journal.org/10.2016/journal.o

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

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

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

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BIOLSCI 2A Intro Biology:Life on Earth BIOLSCI 2B Intro Biology: Ecology & Evolution	(5) BIOL 402 (5) BIOL 412 & BIOL 422	Cell and Molecular (5) Biology Plant Biology (5) Animal Biology (5)
CHEM 2A Genl Chemistry CHEM 2B Genl Chemistry CHEM 2C Genl Chemistry	(5) CHEM 400 (5) CHEM 400 & CHEM 401 (5) CHEM 401	General Chemistry II (5)
PHYSICS 9A Classical Physics	(5) PHYS 410 & PHYS 420 & PHYS 430	Mechanics of Solids (5) and Fluids Electricity and (5) Magnetism Heat, Waves, Light and (5) Modern Physics

PHYSICS 9B	Classical Physics	(5)	PHYS 	410	<u>&</u>	Mechanics of Solids and Fluids	(5)
			PHYS	420	<u>&</u>	Electricity and Magnetism	(5)
			PHYS	430		Heat, Waves, Light and Modern Physics	(5)
PHYSICS 9C	Classical Physics	(5)	PHYS	410	<u>&</u>	Mechanics of Solids and Fluids	(5)
			PHYS	420	<u>&</u>	Electricity and Magnetism	(5)
			PHYS	430		Heat, Waves, Light and Modern Physics	(5)
MATH 21A	Calculus	(4)	 MATH	400			(5)
MATH 21B	Calculus	(4)	MATH	401		Calculus II	(5)
MATH 21C	Calculus	(4)	MATH	402		Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH	402		Calculus III	(5)
MATH 22A	Linear Algebra	(3)	MATH	410		Introduction to Linear Algebra	(3)
MATH 22B	Differntl Equations	(3)	MATH	420		Differential Equations	(4)
c) GEOLOGY	50 Physical Geology	(3)	 GEOL 	302		Physical Geology	(4)
_	50L Physical Geol Lab	(2)	GEOL	302		Physical Geology	(4)
ENGIN 6	Engr Prob Solving	(4)	ENGR 	405	-	Engineering Problem Solving	(3)

END OF MAJOR

- c) This course is not strictly comparable with UC Davis courses but will fulfill the introductory physical geology requirement for the geology major at UC Davis.
- j) If a student takes GEOL 302 at Sacramento City College, credit will be given for UC Davis's GEOLOGY 1 or 50+50L, not both.

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

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is $\frac{\text{highly recommended}}{\text{Preparing well for}}$ 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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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 Intermediated Description (ID) Francischies Webs.

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

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INT AG 10	Intro Intl Ag Development	(4) NO COMPARABLE COURSE
PL SCI 2	Bot Physio Cul Plt	(4) NO COMPARABLE COURSE
SOILSCI 10	Soils in Our Environment	(3) NO COMPARABLE COURSE

ECON 1A	Princ of Microecon	(4)	ECON 304	Principles of Microeconomics	(3)
	AND			AND	
ECON 1B	Princ of Macroecon	(4)		Principles of Macroeconomics	(3)
	Elementary Statistics : STATIST 13Y	(4)			(4)
			STAT 480 	Introduction to Probability and Statistics - Honors	(4)
	OR		<u>OR</u> ECON 310 	Economic Statistics OR	(3)
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARAE	BLE COURSE	
MATH 16A	Short Calculus	(3)		Calculus for the Life and Social Sciences I	(3)
			<u>OR</u> MATH 400	Calculus I	(5)
CM&RGDE 1	The Community	(4)	NO COMPARAE	BLE COURSE	
	SIX QUARTER	UNITS	FROM THE FO	 DLLOWING:	
AGRESEC 15	Pop,Envr,World Agri	(4)	NO COMPARA	BLE COURSE	
AN SCI 41	Domestic Ani Prod	(2)	NO COMPARAE	BLE COURSE	
AN SCI 41L	Domest An Prod Lab	(2)	NO COMPARAI	BLE COURSE	
CM&RGDE 20			NO COURSE A	ARTICULATED: College has course(s)for articulation	
NUTR 10	Discoveries and Concepts		NUTRI 300	Nutrition	(3)
				Nutrition Honors	
PL SCI 1	Agr Nature & Society Intro Sustainable	(3)	NO COMPARAI	BLE COURSE	
PL SCI 15	Intro Sustainable	(4)	NO COURSE A	AKTICULATED: College has	not
	Agriculture Org Crop Prod Prac		NO COMPARAE		

FOREIGN LANGUAGE REQUIREMENT:

Students must complete 15-quarter-unit level in one language or pass the foreign language proficiency examination. See http://l1c.ucdavis.edu/foreign-language-placement- exams .

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

AREAS OF	SPECIALIZATION:					
AGRICULTURAL	PRODUCTION OPTION:					
BIOLSCI 2A Intro Biology:Life on	(5) BIOL 402 Cell and Molecular	(5)				
Earth	Biology					
BIOLSCI 2B Intro Biology: Ecology	(5) BIOL 412 & Plant Biology	(5)				
& Evolution	BIOL 422 Animal Biology	(5)				
CHEM 2A Genl Chemistry	(5) CHEM 400 General Chemistry I	(5)				
CHEM 2B Genl Chemistry	(5) CHEM 400 & General Chemistry I	(5)				
	CHEM 401 General Chemistry II	(5)				
TRADE AND ECONOM:	IC DEVELOPMENT OPTION:					
MATH 16B Short Calculus	(3) MATH 351 Calculus for the Life	(3)				
	and Social Sciences II					
	OR					

SOCIOL 1	Intro Sociology	(5)	MATH 401 SOC 300	Calculus II Introductory Sociology	(5) (3)
	5-		<u>OR</u>		
			SOC 480 	Introductory Sociology - Honors	(3)
	OR			OR	
ANTHRO 2	Cultural Anthropology	(5)	ANTH 310	Cultural Anthropology	(3)
			ANTH 481		(3)
ACDECEC 1E	Pop,Envr,World Agri	(1)	NO COMPADAI	Anthropology	
AGRESEC IS	POP,ENVI,WOLIG AGII	(4)	NO COMPARAI		
	ENVIRONMEN'	TAL :	ISSUES OPTIC	ON:	
BIOLSCI 2A	Intro Biology:Life on	(5)	BIOL 402		(5)
BIOLSCI 2B	Earth Intro Biology: Ecology	(5)	 BTOT, 412 &	Biology Plant Biology	(5)
2102861 22	& Evolution			Animal Biology	
ENV S&P 1	Env Analysis				
	RIIRAT. COM	 MIINT'	ries Option:	 •	
SOCIOL 1	Intro Sociology				(3)
			OR		
			SOC 480	Introductory Sociology	(3)
ANTUDO 2	Cultural Anthropology	/ E \	 	- Honors Cultural Anthropology	(2)
ANIAKO Z	Curtural Antinioporogy	(3)	OR	Curcural Antimopology	(3)
			ANTH 481	Honors Cultural Anthropology	(3)

END OF MAJOR

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

Special Advising Note:

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

available from our TAG website.			_	
ANTHRO 2 Cultural Anthropology	(5)	ANTH 310 OR	Cultural Anthropology	(3)
OR		ANTH 481	Honors Cultural Anthropology OR	(3)
-	(4)	 ECON 304 		(3)
ECON 1B Princ of Macroecon	(4)	ECON 302 	Principles of Macroeconomics	(3)
HISTORY 4C Western Civ	(4)	HIST 302 	History of Western Civilization OR	(3)
HISTORY 10C World History III	(4)	 HIST 309 		(3)
POL SCI 2 Intro Comp Politics	(4)	POLS 302 	Introduction to Government: Foreign	(3)
POL SCI 3 Internatl Relations	(4)	POLS 310 OR	Introduction to International Relations	(3)
		<u>OK</u> POLS 480 	Introduction to International Relations -Honors	(3)
POL SCI 12Y Data Visualization Same as: COMUNCN 12Y, PSYCH 12Y su SOCIOL 12Y OR				not
STATIST 13 Elementary Statistics Same as: STATIST 13Y	(4)	 	Introduction to Probability and Statistics	(4)
		<u>OR</u> STAT 480 	Introduction to Probability and Statistics - Honors	(4)
OR		OR ECON 310	Economic Statistics OR	(3)
SOCIOL 46B Intro Social Rsch	(5)	NO COMPARAB	LE COURSE	

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

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

ARABIC 1	Elementary Arabic		ARABIC 401 Elementary Arabic (5)
ARABIC 2	Elem Arabic		ARABIC 402 Elementary Arabic (5)
ARABIC 3	Elem Arabic	(5)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
ARABIC 21	Intermed Arabic		NO COMPARABLE COURSE
_	Intermed Arabic		NO COMPARABLE COURSE
ARABIC 23	Intermed Arabic	(4)	NO COMPARABLE COURSE
	OR	, - \	OR (4)
x) CHINESE			MAND 401 Elementary Mandarin (4)
x) CHINESE	2 Elem Chinese	(5)	MAND 401 & Elementary Mandarin (4)
\	2 51 61 '	<i>(</i> - <i>)</i>	MAND 402 Elementary Mandarin (4)
x) CHINESE			MAND 402 Elementary Mandarin (4)
x) CHINESE			MAND 411 Intermediate Mandarin (4)
x) CHINESE			MAND 412 Intermediate Mandarin (4)
x) CHINESE		(5)	MAND 412 Intermediate Mandarin (4)
\ CHINEGE	OR	/ F \	OR
x) CHINESE	<u> -</u>		NO COMPARABLE COURSE
x) CHINESE	· · · · · · · · · · · · · · · · · · ·		NO COMPARABLE COURSE
x) CHINESE	OR Mand/Cant Spkrs III	(5)	NO COMPARABLE COURSE OR
x) CHINESE		/ E \	<u>-</u>
•			NO COMPARABLE COURSE
x) CHINESE	2BL Accl Wrtn Chinese	(5)	NO COMPARABLE COURSE
x) CHINESE		/ E \	 NO COMPARABLE COURSE
X) CUINESE	III	(3)	NO COMPARABLE COURSE
	OR		OR
FRENCH 1	Elementary French	(5)	FREN 401 Elementary French (4)
FRENCH 2	Elementary French		FREN 402 Elementary French (4)
FRENCH 3	Elementary French		FREN 411 Intermediate French (4)
FRENCH 21	Intermed French		FREN 412 Intermediate French (4)
FRENCH 22	Intermed French		NO COMPARABLE COURSE
111211011 22	OR	(0)	OR
GERMAN 1	Elementary German	(5)	NO COURSE ARTICULATED: College has not
	1 1 1 1 1 1	· - /	submitted course(s) for articulation
GERMAN 2	Elementary German	(5)	NO COURSE ARTICULATED: College has not
	-	. ,	submitted course(s) for articulation
GERMAN 3	Elementary German	(5)	NO COURSE ARTICULATED: College has not
	-		submitted course(s) for articulation
GERMAN 20	Intermediate German	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
GERMAN 21	Intermediate German	(4)	NO COMPARABLE COURSE
	OR		OR
HEBREW 1	Elem Hebrew	(5)	NO COMPARABLE COURSE
HEBREW 2	Elem Hebrew	(5)	NO COMPARABLE COURSE
HEBREW 3	Elem Hebrew	(5)	NO COMPARABLE COURSE
HEBREW 21	Intermed Modern Hebrew I	(4)	NO COMPARABLE COURSE
HEBREW 22	Intermed Modern Hebrew II	(4)	NO COMPARABLE COURSE
HEBREW 23	Intermed Modern Hebrew III	(4)	NO COURSE ARTICULATED
	OR		OR
HIN-URD 1	Elem Hindi/Urdu I	(5)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation

HIN-URD 2	Elem Hindi/Urdu II	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HIN-URD 3	Elem Hindi/Urdu III	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HIN-URD 21	Intermed Hindi/Urdu I	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HIN-URD 22	Intermed Hindi/Urdu II	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HIN-URD 23	Intermed Hindi/Urdu III	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	OR		OR
ITALIAN 1	Elementary Italian	(5)	ITAL 401 Elementary Italian (4)
ITALIAN 2	Elementary Italian		ITAL 402 Elementary Italian (4)
ITALIAN 3	Elementary Italian		NO COMPARABLE COURSE
ITALIAN 4	Interm Italian		NO COMPARABLE COURSE
ITALIAN 5	Interm Italian		NO COMPARABLE COURSE
TIALIAN 3	OR	(+)	OR
ITALIAN 1	Elementary Italian	(5)	ITAL 401 Elementary Italian (4)
ITALIAN 1	Elementary Italian		ITAL 402 Elementary Italian (4)
ITALIAN 2	Elementary Italian		NO COMPARABLE COURSE
ITALIAN 8A	Italian Convers		NO COMPARABLE COURSE
ITALIAN 8B	Italian Convers		NO COMPARABLE COURSE
TIALIAN OD	OR	(3)	OR
	OR		UK UK
TOMECE 1	Elom Tananaga	/ E \	TADAM 400 Flomontary Japanese (4)
y) JPNESE 1	Elem Japanese	(5)	JAPAN 402 Elementary Japanese (4)
y) JPNESE 1	Elem Japanese	(5)	<u>OR</u>
_	- -	. ,	OR JAPAN 411 Intermediate Japanese (4)
y) JPNESE 2	Elem Japanese	(5)	OR JAPAN 411 Intermediate Japanese (4) JAPAN 412 Intermediate Japanese (4)
y) JPNESE 2 y) JPNESE 3	Elem Japanese Elem Japanese	(5) (5)	OR JAPAN 411 Intermediate Japanese (4) JAPAN 412 Intermediate Japanese (4) NO COMPARABLE COURSE
y) JPNESE 2 y) JPNESE 3 y) JPNESE 4	Elem Japanese Elem Japanese Inter Japanese	(5) (5) (5)	OR JAPAN 411
y) JPNESE 2 y) JPNESE 3 y) JPNESE 4 y) JPNESE 5	Elem Japanese Elem Japanese Inter Japanese Inter Japanese	(5) (5) (5)	OR JAPAN 411
y) JPNESE 2 y) JPNESE 3 y) JPNESE 4	Elem Japanese Elem Japanese Inter Japanese Inter Japanese Inter Japanese	(5) (5) (5)	OR JAPAN 411
y) JPNESE 2 y) JPNESE 3 y) JPNESE 4 y) JPNESE 5 y) JPNESE 6	Elem Japanese Elem Japanese Inter Japanese Inter Japanese Inter Japanese OR	(5) (5) (5) (5)	OR JAPAN 411 Intermediate Japanese (4) JAPAN 412 Intermediate Japanese (4) NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE OR
y) JPNESE 2 y) JPNESE 3 y) JPNESE 4 y) JPNESE 5 y) JPNESE 6	Elem Japanese Elem Japanese Inter Japanese Inter Japanese Inter Japanese OR Elementary Portuguese	(5) (5) (5) (5) (5)	OR JAPAN 411 Intermediate Japanese (4) JAPAN 412 Intermediate Japanese (4) NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE OR NO COMPARABLE COURSE OR
y) JPNESE 2 y) JPNESE 3 y) JPNESE 4 y) JPNESE 5 y) JPNESE 6 PORTUG 1 PORTUG 2	Elem Japanese Elem Japanese Inter Japanese Inter Japanese Inter Japanese OR Elementary Portuguese Elementary Portuguese	(5) (5) (5) (5) (5) (5)	OR JAPAN 411 Intermediate Japanese (4) JAPAN 412 Intermediate Japanese (4) NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE
y) JPNESE 2 y) JPNESE 3 y) JPNESE 4 y) JPNESE 5 y) JPNESE 6 PORTUG 1 PORTUG 2 PORTUG 3	Elem Japanese Elem Japanese Inter Japanese Inter Japanese Inter Japanese OR Elementary Portuguese Elementary Portuguese Elementary Portuguese	(5) (5) (5) (5) (5) (5) (5)	OR JAPAN 411 Intermediate Japanese (4) JAPAN 412 Intermediate Japanese (4) NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE OR NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE
y) JPNESE 2 y) JPNESE 3 y) JPNESE 4 y) JPNESE 5 y) JPNESE 6 PORTUG 1 PORTUG 2 PORTUG 3 PORTUG 21	Elem Japanese Elem Japanese Inter Japanese Inter Japanese Inter Japanese OR Elementary Portuguese Elementary Portuguese Elementary Portuguese Intermediate Portuguese	(5) (5) (5) (5) (5) (5) (5) (5)	OR JAPAN 411 Intermediate Japanese (4) JAPAN 412 Intermediate Japanese (4) NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE OR NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE
y) JPNESE 2 y) JPNESE 3 y) JPNESE 4 y) JPNESE 5 y) JPNESE 6 PORTUG 1 PORTUG 2 PORTUG 3	Elem Japanese Elem Japanese Inter Japanese Inter Japanese Inter Japanese OR Elementary Portuguese Elementary Portuguese Elementary Portuguese Intermediate Portuguese Intermediate Portuguese	(5) (5) (5) (5) (5) (5) (5) (5)	OR JAPAN 411 Intermediate Japanese (4) JAPAN 412 Intermediate Japanese (4) NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE
y) JPNESE 2 y) JPNESE 3 y) JPNESE 4 y) JPNESE 5 y) JPNESE 6 PORTUG 1 PORTUG 2 PORTUG 3 PORTUG 21 PORTUG 22	Elem Japanese Elem Japanese Inter Japanese Inter Japanese Inter Japanese OR Elementary Portuguese Elementary Portuguese Elementary Portuguese Intermediate Portuguese Intermediate Portuguese OR	(5) (5) (5) (5) (5) (5) (5) (5)	OR JAPAN 411 Intermediate Japanese (4) JAPAN 412 Intermediate Japanese (4) NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE OR NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE
y) JPNESE 2 y) JPNESE 3 y) JPNESE 4 y) JPNESE 5 y) JPNESE 6 PORTUG 1 PORTUG 2 PORTUG 3 PORTUG 21 PORTUG 22 RUSSIAN 1	Elem Japanese Elem Japanese Inter Japanese Inter Japanese Inter Japanese OR Elementary Portuguese Elementary Portuguese Intermediate Portuguese Intermediate Portuguese OR Elementary Russian	(5) (5) (5) (5) (5) (5) (5) (5) (5)	OR JAPAN 411 Intermediate Japanese (4) JAPAN 412 Intermediate Japanese (4) NO COMPARABLE COURSE NO COMPARA
y) JPNESE 2 y) JPNESE 3 y) JPNESE 4 y) JPNESE 5 y) JPNESE 6 PORTUG 1 PORTUG 2 PORTUG 3 PORTUG 21 PORTUG 22	Elem Japanese Elem Japanese Inter Japanese Inter Japanese Inter Japanese OR Elementary Portuguese Elementary Portuguese Elementary Portuguese Intermediate Portuguese Intermediate Portuguese OR	(5) (5) (5) (5) (5) (5) (5) (5) (5)	OR JAPAN 411 Intermediate Japanese (4) JAPAN 412 Intermediate Japanese (4) NO COMPARABLE COURSE NO COMPARA
y) JPNESE 2 y) JPNESE 3 y) JPNESE 4 y) JPNESE 5 y) JPNESE 6 PORTUG 1 PORTUG 2 PORTUG 3 PORTUG 21 PORTUG 22 RUSSIAN 1 RUSSIAN 2	Elem Japanese Elem Japanese Inter Japanese Inter Japanese Inter Japanese OR Elementary Portuguese Elementary Portuguese Intermediate Portuguese Intermediate Portuguese OR Elementary Russian Elementary Russian	(5) (5) (5) (5) (5) (5) (5) (5) (5)	OR JAPAN 411 Intermediate Japanese (4) JAPAN 412 Intermediate Japanese (4) NO COMPARABLE COURSE NO COMPARA
y) JPNESE 2 y) JPNESE 3 y) JPNESE 4 y) JPNESE 5 y) JPNESE 6 PORTUG 1 PORTUG 2 PORTUG 3 PORTUG 21 PORTUG 22 RUSSIAN 1 RUSSIAN 2 RUSSIAN 3	Elem Japanese Elem Japanese Inter Japanese Inter Japanese Inter Japanese OR Elementary Portuguese Elementary Portuguese Elementary Portuguese Intermediate Portuguese	(5) (5) (5) (5) (5) (5) (5) (5) (5)	OR JAPAN 411 Intermediate Japanese (4) JAPAN 412 Intermediate Japanese (4) NO COMPARABLE COURSE NO COMPARA
y) JPNESE 2 y) JPNESE 3 y) JPNESE 4 y) JPNESE 5 y) JPNESE 6 PORTUG 1 PORTUG 2 PORTUG 3 PORTUG 21 PORTUG 22 RUSSIAN 1 RUSSIAN 2	Elem Japanese Elem Japanese Inter Japanese Inter Japanese Inter Japanese OR Elementary Portuguese Elementary Portuguese Intermediate Portuguese Intermediate Portuguese OR Elementary Russian Elementary Russian	(5) (5) (5) (5) (5) (5) (5) (5) (5)	OR JAPAN 411
y) JPNESE 2 y) JPNESE 3 y) JPNESE 4 y) JPNESE 5 y) JPNESE 6 PORTUG 1 PORTUG 2 PORTUG 3 PORTUG 21 PORTUG 22 RUSSIAN 1 RUSSIAN 2 RUSSIAN 3 RUSSIAN 4	Elem Japanese Elem Japanese Inter Japanese Inter Japanese Inter Japanese OR Elementary Portuguese Elementary Portuguese Elementary Portuguese Intermediate Portuguese Intermediate Portuguese Intermediate Portuguese Elementary Russian Elementary Russian Elementary Russian Intermed Russian	(5) (5) (5) (5) (5) (5) (5) (5) (5) (5)	OR JAPAN 411
y) JPNESE 2 y) JPNESE 3 y) JPNESE 4 y) JPNESE 5 y) JPNESE 6 PORTUG 1 PORTUG 2 PORTUG 3 PORTUG 21 PORTUG 22 RUSSIAN 1 RUSSIAN 2 RUSSIAN 3	Elem Japanese Elem Japanese Inter Japanese Inter Japanese Inter Japanese OR Elementary Portuguese Elementary Portuguese Elementary Portuguese Intermediate Portuguese	(5) (5) (5) (5) (5) (5) (5) (5) (5) (5)	OR JAPAN 411

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	401		Elementary Spanish	(4)
SPANISH 2	Elementary Spanish	(5)	SPAN	401	<u>&</u>	Elementary Spanish	(4)
			SPAN	402		Elementary Spanish	(4)
SPANISH 3	Elementary Spanish	(5)	SPAN	402		Elementary Spanish	(4)
SPANISH 21	Intm Spanish	(5)	SPAN	411		Intermediate Spanish	(4)
SPANISH 22	Intm Spanish	(5)	SPAN	412		Intermediate Spanish	(4)
	OR					OR	
SPANISH 31	Int Span Nat Spk I	(5)	SPAN	413		Spanish for Native	(4)
						Speakers I	
SPANISH 32	Int Span Nat Spk II	(5)	SPAN	415		Spanish for Native	(4)
						Speakers II	

Advising Note: Transfer students are strongly encouraged to review the structure of the major and be cognizant of any changes made to the curriculum of the program and/or specific tracks within the major. Certain upper-division courses require completion of prerequisite courses. In addition, the international relations major offers several options for completing upper-division coursework for the major. There are upper-division economics courses in some of the options that require calculus as a prerequisite. Consult the UC Davis General Catalog, available online, or consult an advisor to learn if the option you will choose contains economics courses with a calculus prerequisite.

END OF MAJOR

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

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

Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <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:

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Transfer students pursuing this major 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.

ITALIAN 1	Elementary Italian	(5)	ITAL 401	Elementary	Italian	(4)
ITALIAN 2	Elementary Italian	(5)	ITAL 402	Elementary	Italian	(4)
ITALIAN 3	Elementary Italian	(5)	NO COMPARABI	LE COURSE		
ITALIAN 4	Interm Italian	(4)	NO COMPARABI	LE COURSE		
ITALIAN 5	Interm Italian	(4)	NO COMPARABI	LE COURSE		
ITALIAN 9	Reading Italian	(4)	NO COMPARABI	LE COURSE		

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

END OF MAJOR

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

Special Advising Note:

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

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

Japanese Placement Examination Note:

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

College Foreign Language Requirement Note:

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

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

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

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

y) JPNESE 1	Elem Japanese	(5)	JAPAN 402 Elementary Japanese (4)					
			JAPAN 411 Intermediate Japanese (4)					
y) JPNESE 2	Elem Japanese	(5)	JAPAN 412 Intermediate Japanese (4)					
y) JPNESE 3	Elem Japanese	(5)	NO COMPARABLE COURSE					
y) JPNESE 4	Inter Japanese	(5)	NO COMPARABLE COURSE					
y) JPNESE 5	Inter Japanese	(5)	NO COMPARABLE COURSE					
y) JPNESE 6	Inter Japanese	(5)	NO COMPARABLE COURSE					
RECOMMENDED COURSES FOR THIS MAJOR:								
JPNESE 10	Masterworks in English	(4)	NO COMPARABLE COURSE					
JPNESE 10 JPNESE 25	Masterworks in English Language & Culture (in English)		NO COMPARABLE COURSE NO COMPARABLE COURSE 					
	Language & Culture (in	(4)	!					
JPNESE 25 CHINESE 10	Language & Culture (in English)	(4)	NO COMPARABLE COURSE					
JPNESE 25 CHINESE 10	Language & Culture (in English) Modern Lit (in Engl)	(4) (4) (4)	NO COMPARABLE COURSE NO COMPARABLE COURSE					
JPNESE 25 CHINESE 10 CHINESE 11	Language & Culture (in English) Modern Lit (in Engl) Gt Bks China (Engl)	(4) (4) (4)	NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE					
JPNESE 25 CHINESE 10 CHINESE 11 CHINESE 50	Language & Culture (in English) Modern Lit (in Engl) Gt Bks China (Engl) Intro to Literature	(4) (4) (4) (4)	NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE					

END OF MAJOR

 ${
m y})$ 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 $\underline{\text{highly recommended}}$ 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.

PRE-MAJOR REQUIREMENT:

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 $\underline{\text{General Catalog}}$. 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	301	Introduction to Public Speaking	(3)
ENGLISH 3	Intro to Lit	(4)	į	301 OR	College Composition and Literature	(3)
	OR			303	Argumentative Writing and Critical Thinking Through Literature OR	(4)
UWRITING 1	Expository Writing OR	(4)	ENGWR	300	College Composition OR	(3)
	Style in the Essay UWRITING 18 OR	(4)	 ENGWR 	302	Advanced Composition and Critical Thinking OR	
UWRITING 49 Formerly U	Writing Research Papers WRITING 19	(4)	NO CC	MPARAB	LE COURSE	
	Intro Biology: Ecology & Evolution		BIOL	422	Plant Biology Animal Biology	(5)
	Intro Environ Plants					
	ONE COURSE FR	OM T	HE FOL	LOWING	:	
MATH 16A	Short Calculus	(3)	MATH OR	350	Calculus for the Life and Social Sciences I	(3)
	Elementary Statistics STATIST 13Y	(4)	MATH	400 300	Calculus I Introduction to Probability and Statistics	(5) (4)
			<u>OX</u> STAT OR	480	Introduction to Probability and Statistics - Honors	(4)

ECON 310 Economic Statistics (3)

ONE COURSE FROM THE FOLLOWING:

CHEM 2A	Genl Chemistry	(5)) CHEM 400 General Chemistry I (5)	
CHEM 10	Concept of Chem	(4)	CHEM 330 Adventures in (4)	
			Chemistry	
PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE	
PHYSICS 10	Topics, Nonscientists	(4)	PHYS 310 Conceptual Physics (3)	
j) GEOLOGY	1 The Earth	(4)) GEOL 302 Physical Geology (4)	
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	(4)	NO COMPARABLE COURSE	
LND ARC 3	Sustainable Development	(4)	NO COMPARABLE COURSE	
LND ARC 21	Landscape Rep I	(4)	NO COMPARABLE COURSE	
Formerly	y Design Visualization			
LND ARC 23	Landscape Rep II	(3)) NO COURSE ARTICULATED	
LND ARC 30	History Environ Design	(4)	NO COMPARABLE COURSE	
LND ARC 50	Site Ecology	(4)	NO COMPARABLE COURSE	
LND ARC 60	Landform Grading Studio	(6)	NO COMPARABLE COURSE	
LND ARC 70	Intro to Spacemaking	(4)) NO COMPARABLE COURSE	

Two courses in Arts and Humanities selected from the UC Davis GE/Breadth Articulation Agreement TB: Arts and Humanities (www.ASSIST.org 16-17

agreement)

Two courses in Social Sciences selected from the UC Davis GE/Breadth Articulation Agreement TB: Social Sciences.

END OF MAJOR

j) If a student takes GEOL 302 at Sacramento City College, credit will be given for UC Davis's GEOLOGY 1 or 50+50L, not both.

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

TINGUIG 1 Tobas Linguistics (A) ANIRU 241 Tobas durbies to (2)

LINGUIS 1 Intro Linguistics (4) ANTH 341 Introduction to (3) Linguistics

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 Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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 OR	(4) COMM 301 Introduction to Public (3) Speaking OR
COMUNCN 3 Intprsnl Com Cmpetnce	(4) COMM 321 Interpersonal (3) Communication
AGRESEC 18 Business Law	(4) NO COMPARABLE COURSE
ECON 1A Princ of Microecon	(4) ECON 304 Principles of (3) Microeconomics
ECON 1B Princ of Macroecon	(4) ECON 302 Principles of (3) Macroeconomics
PL SCI 21 Computers in Technology OR	(3) NO COMPARABLE COURSE OR
B) ENG CS 15 Intro to Computers	(4) NO COMPARABLE COURSE

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

MGMT		Elem Accounting		!		Financial Accounting	(4)
MGMT	11B	Elem Accounting	(4)	ACCT	311	Managerial Accounting	(4)
MATH	16A	Short Calculus	(3)	 MATH 	350	Calculus for the Life and Social Sciences I	(3)
				OI	2		
				MATH	400	Calculus I	(5)
MATH	16B	Short Calculus	(3)	MATH	351	Calculus for the Life	(3)
						and Social Sciences II	
				OI	2		
				MATH	401	Calculus II	(5)
MATH	16C	Short Calculus	(3)	MATH	351	Calculus for the Life	(3)
						and Social Sciences II	
				OI	<u> </u>		
				MATH	401	Calculus II	(5)
		OR				OR	
MATH	17A	Calculus for BioSci	(4)	MATH 	350	Calculus for the Life and Social Sciences I	(3)
MATH	17B	Calculus for Biosci	(4)	MATH	351	Calculus for the Life	(3)
				j		and Social Sciences II	
		OR		j		OR	
MATH	21A	Calculus	(4)	MATH	400	Calculus I	(5)
MATH	21B	Calculus	(4)	MATH	401	Calculus II	(5)

STATIST Same	Elementary STATIST 13Y	Statistics	(4)	STAT 3 	300	Introduction to Probability and Statistics	(4)
				OR			
				STAT 4 	180	Introduction to Probability and Statistics - Honors	(4)
				OR			
				ECON 3	310	Economic Statistics	(3)

END OF MAJOR

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

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

BIOLSCI	2A	Intro Biology:	Life on	(5)	BIOL	402		Cell and Molecular Biology	(5)
BIOLSCI	2B	Intro Biology:	Ecology	(5)	BIOL	412	<u>&</u>	Plant Biology	(5)
		& Evolution			BIOL	422		Animal Biology	(5)
BIOLSCI	2C	Intro Biology:		(5)	BIOL	412	<u>&</u>	Plant Biology	(5)
		Biodiversity & of Life	the Tree		BIOL 	422		Animal Biology	(5)
CHEM 2A	Gei	nl Chemistry		(5)	CHEM	400		General Chemistry I	(5)
CHEM 2B	Gei	nl Chemistry		(5)	CHEM	400	<u>&</u>	General Chemistry I	(5)
					CHEM	401		General Chemistry II	(5)

CHEM 2C	Genl Chemistry	(5)	CHEM	401		General Chemistry II	(5)
MATH 16A	Short Calculus	(3)	MATH			Calculus for the Life and Social Sciences I	(3)
			<u>OI</u> MATH	_		Calculus I	(5)
МАТН 16В	Short Calculus	(3)	MATH			Calculus for the Life and Social Sciences II	
			OI	_			
MARIT 160	Chart Calmalan	(2)	MATH				(5)
MATH 16C	Short Calculus	(3)	MATH	35I		Calculus for the Life and Social Sciences II	(3)
			OI	R.			
			MATH	401			(5)
	OR					OR	
MATH 17A	Calculus for BioSci	(4)	MATH	350		Calculus for the Life and Social Sciences I	(3)
MATH 17B	Calculus for Biosci	(4)	 MATH 	351		Calculus for the Life and Social Sciences II	(3)
MATH 17C	Calculus for BioSci	(4)	MATH 	352		Calculus for Biology and Medicine	(2)
	OR					OR	
MATH 21A							(5)
MATH 21B							(5)
MATH 21C	Calculus	(4)	MATH	402		Calculus III	(5)
PHYSICS 7A	General Physics	(4)	 PHYS	350	 &	General Physics	(4)
	-		PHYS				(4)
PHYSICS 7B	General Physics	(4)	PHYS	350	<u>&</u>	General Physics	(4)
			PHYS				(4)
PHYSICS 7C	General Physics	(4)					(4)
			PHYS	360		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.

physics.		OR			OR					
DHYSTCS (9 2	Classical	Physics	(5)	 PHYS	410	£	_	(5)	
11110100	<i></i>	CIGDDICAL	11170100	(3)		110	=	and Fluids	(3)	
					PHYS	420	&	Electricity and	(5)	
					ĺ			Magnetism		
					PHYS	430		Heat, Waves, Light and	(5)	
								Modern Physics		
PHYSICS 9	9B	Classical	Physics	(5)	PHYS	410	<u>&</u>		(5)	
								and Fluids		
					PHYS	420	<u>&</u>	Electricity and	(5)	
								Magnetism		
					PHYS	430		Heat, Waves, Light and	(5)	
								Modern Physics		
PHYSICS 9	9C	Classical	Physics	(5)	PHYS	410	<u>&</u>	Mechanics of Solids	(5)	
								and Fluids		
					PHYS	420	<u>&</u>	-	(5)	
								Magnetism		
					PHYS	430		Heat, Waves, Light and	(5)	
								Modern Physics		

STRONGLY RECOMMENDED:

GEOLOGY 16 The Oceans (3) GEOG 30

(3) GEOG 308 Introduction to Oceanography

(3)

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 <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.

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 $\underline{\text{General Catalog}}$. 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 402 Cell and Molecular (5) Earth Biology BIOLSCI 2B Intro Biology: Ecology (5) BIOL 412 & Plant Biology & Evolution | BIOL 422 | Animal Biology | BIOLSCI 2C | Intro Biology: (5) | BIOL 412 & Plant Biology | Biodiversity & the Tree | BIOL 422 | Animal Biology | Animal Biology (5) of Life ______ CHEM 2A Genl Chemistry (5) CHEM 400 General Chemistry I (5) CHEM 2B Genl Chemistry (5) CHEM 400 & General Chemistry I CHEM 401 General Chemistry II (5) (5) CHEM 401 General Chemistry II (5) CHEM 2C Genl Chemistry AND AND CHEM 8A Organic Chem-Brief (2) NO COMPARABLE COURSE CHEM 8B Organic Chem-Brief (4) NO COMPARABLE COURSE ______ MATH 17A Calculus for BioSci (4) | MATH 350 Calculus for the Life (3) and Social Sciences I MATH 17B Calculus for Biosci (4) MATH 351 Calculus for the Life (3) and Social Sciences II

MATH 17C	Calculus for	BioSci (4) MATH 	352	Calculus and Medi	s for Biology icine	(2)
	OR		İ		OF	₹	
MATH 21A	Calculus	(4) MATH	400	Calculus	3 I	(5)
MATH 21B	Calculus	(4) MATH	401	Calculus	3 II	(5)
PHYSICS 7A	General Phy	ysics (4) PHYS	350	<u>&</u> General	Physics	(4)
			PHYS	360	General	Physics	(4)
PHYSICS 7B	General Phy	ysics (4) PHYS	350	& General	Physics	(4)
			PHYS	360	General	Physics	(4)
PHYSICS 7C	General Phy	ysics (4) PHYS	350	& General	Physics	(4)
			PHYS	360	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.

		OR						OR	
PHYSICS	9A	Classical	Physics	(5)	PHYS	410	<u>&</u>	Mechanics of Solids and Fluids	(5)
					PHYS	420	<u>&</u>	Electricity and	(5)
								Magnetism	
					PHYS	430		Heat, Waves, Light and	(5)
								Modern Physics	
PHYSICS	9B	Classical	Physics	(5)	PHYS	410	&	Mechanics of Solids	(5)
								and Fluids	
					PHYS	420	<u>&</u>	Electricity and	(5)
								Magnetism	
					PHYS	430		Heat, Waves, Light and	(5)
								Modern Physics	
PHYSICS	9C	Classical	Physics	(5)	PHYS	410	&	Mechanics of Solids	(5)
								and Fluids	
					PHYS	420	<u>&</u>	Electricity and	(5)
								Magnetism	
					PHYS	430		Heat, Waves, Light and	(5)
								Modern Physics	
								Modern Physics	

STRONGLY RECOMMENDED:

EVOL&EC 12	Life in the Sea		ARTICULATED: College has not course(s)for articulation
GEOLOGY 16	The Oceans	(3) GEOG 308 	Introduction to (3) Oceanography

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.

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	402	Cell and Molecular Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology	(5)	BIOL	412 &	51	(5)
	& Evolution			422		(5)
BIOLSCI 2C	Intro Biology:	(5)			Plant Biology	(5)
	Biodiversity & the Tree		BIOL	422	Animal Biology	(5)
	of Life		İ 			
	Genl Chemistry	٠,	CHEM		General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	•	400 <u>&</u>		(5)
a 0.a	a 1 a1	<i>(</i> - <i>)</i>		401		
CHEM 2C	Genl Chemistry	(5)	CHEM 	401	General Chemistry II	(5)
MATH 16A	Short Calculus	(3)	MATH	350	Calculus for the Life	(3)
			 OI	ર	and Social Sciences I	
			MATH	_	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH	351	Calculus for the Life	
			j		and Social Sciences II	
			OF	_		
			MATH		Calculus II	(5)
MATH 16C	Short Calculus	(3)	MATH	351	Calculus for the Life	(3)
			OF	.	and Social Sciences II	
			<u>OF</u> MATH	_	Calculus II	(5)
	OR			401	OR	(3)
MATH 17A	Calculus for BioSci	(4)	MATH	350	Calculus for the Life	(3)
111111 1711	Carcaras for Brober	(- /		330	and Social Sciences I	(3)
MATH 17B	Calculus for Biosci	(4)	MATH	351	Calculus for the Life	(3)
					and Social Sciences II	
MATH 17C	Calculus for BioSci	(4)	MATH	352	Calculus for Biology	(2)
	O.D.				and Medicine	
MATTI OIA	OR	(1)	 	400	OR	/ E \
MATH 21A MATH 21B	Calculus Calculus		MATH MATH		Calculus I Calculus II	(5) (5)
MATH 216	Calculus		MATH		Calculus III	(5)
MAIH ZIC		(1)	 MATH		Calculus III 	(5)
PHYSICS 7A	General Physics	(4)		350 <u>&</u>		
		,		360		(4)
PHYSICS 7B	General Physics	(4)		350 <u>&</u>	General Physics	(4)
DIMIGIAGO DA	G 1 71 '	(4)		360		(4)
PHYSICS 7C	General Physics	(4)	PHYS	350 <u>&</u>	General 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.

		OR						OR	
PHYSICS	9A	Classical	Physics	(5)	PHYS	410	<u>&</u>	Mechanics of Solids	(5)
								and Fluids	
					PHYS	420	&	Electricity and	(5)
								Magnetism	
					PHYS	430		Heat, Waves, Light and	(5)
								Modern Physics	
PHYSICS	9B	Classical	Physics	(5)	PHYS	410	&	Mechanics of Solids	(5)
								and Fluids	
					PHYS	420	&	Electricity and	(5)
								Magnetism	
					PHYS	430		Heat, Waves, Light and	(5)
								Modern Physics	
PHYSICS	9C	Classical	Physics	(5)	PHYS	410	<u>&</u>	Mechanics of Solids	(5)
								and Fluids	
					PHYS	420	<u>&</u>	Electricity and	(5)
								Magnetism	
					PHYS	430		Heat, Waves, Light and	(5)
								Modern Physics	
			-		PHYS PHYS PHYS	420 430 410 420	<u>&</u>	Mechanics of Solids and Fluids Electricity and Magnetism Heat, Waves, Light and Modern Physics Mechanics of Solids and Fluids Electricity and Magnetism	(5 (5 (5

STRONGLY RECOMMENDED:

EVOL&EC 12	Life in the Sea	(3)	NO COURSE	ARTICULATED: College has not
			submitted	course(s)for articulation
GEOLOGY 16	The Oceans	(3)	GEOG 308	Introduction to (3)
				Oceanography
			•	

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 $\underline{\text{highly recommended}}$ 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.

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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 	402		Cell and Molecular Biology	(5)
BIOLSCI 2B		(5)	BIOL	412	&	51	(5)
	& Evolution					Animal Biology	
BIOLSCI 2C	Intro Biology:						
	Biodiversity & the Tree of Life		BIOL 	422		Animal Biology	(5)
CHEM 2A Ge	enl Chemistry	(5)	CHEM	400		General Chemistry I	(5)
CHEM 2B Ge	enl Chemistry		•		_	General Chemistry I	
						General Chemistry II	
CHEM 2C Ge	enl Chemistry	(5) 	CHEM 	401 		General Chemistry II	(5)
MATH 16A	Short Calculus	(3)	MATH	350		Calculus for the Life	(3)
						and Social Sciences I	
			OI	_		~ 1 1 -	<i>(</i> - <i>)</i>
MARKE 16D		(2)	MATH			Calculus I	. ,
MATH 16B	Short Calculus	(3)	MATH	35I		Calculus for the Life and Social Sciences II	(3)
			OI	R		and bootal belenees if	
			MATH	401		Calculus II	(5)
MATH 16C	Short Calculus	(3)	MATH	351		Calculus for the Life	(3)
						and Social Sciences II	
			OI OI	_			
	O.D.		MATH	401		Calculus II	(5)
Maru 17a /	OR Calculus for BioSci	(1)	 M 2 TTT	250		OR Calculus for the Life	(2)
MAIH I/A (Laiculus IOI BIOSCI	(4)	 MATH	330		and Social Sciences I	(3)
			I			and poctar perendes 1	

math 17C Calculus for BioSci (4) Math 352 Calculus for Biology (2) and Medicine OR OR OR
and Medicine OR OR
OR OR
MATH 21A Calculus (4) MATH 400 Calculus I (5)
MATH 21B Calculus (4) MATH 401 Calculus II (5)
MATH 21C Calculus (4) MATH 402 Calculus III (5)
PHYSICS 7A General Physics (4) PHYS 350 & General Physics (4)
PHYS 360 General Physics (4)
PHYSICS 7B General Physics (4) PHYS 350 & General Physics (4)
PHYS 360 General Physics (4)
PHYSICS 7C General Physics (4) PHYS 350 & General Physics (4)
PHYS 360 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.

		OR						OR	
PHYSICS	9A	Classical	Physics	(5)	PHYS	410	<u>&</u>	Mechanics of Solids and Fluids	(5)
					PHYS	420	<u>&</u>	Electricity and Magnetism	(5)
					 PHYS 	430		Heat, Waves, Light and Modern Physics	(5)
PHYSICS	9В	Classical	Physics	(5)	PHYS	410	<u>&</u>	Mechanics of Solids and Fluids	(5)
					PHYS	420	<u>&</u>	Electricity and Magnetism	(5)
					PHYS	430		Heat, Waves, Light and Modern Physics	(5)
PHYSICS	9C	Classical	Physics	(5)	PHYS	410	<u>&</u>	Mechanics of Solids	(5)
					PHYS	420	<u>&</u>	Electricity and Magnetism	(5)
					PHYS	430		Heat, Waves, Light and Modern Physics	(5)

STRONGLY RECOMMENDED:

EVOL&EC 12	Life in the Sea		ARTICULATED: College has not course(s)for articulation
GEOLOGY 16	The Oceans	(3) GEOG 308 	Introduction to (3) Oceanography

====Materials Science & Engineering B.S.====

Special Advising Note:

END OF MAJOR

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.

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

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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	400	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH	401	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH	402	Calculus III	(5)
	OR				OR	
MATH 17A	Calculus for BioSci	(4)	MATH	350	Calculus for the Life and Social Sciences I	(3)
MATH 17B	Calculus for Biosci	(4)	MATH	351	Calculus for the Life	(3)
		, , ,			and Social Sciences II	(-)
MATH 17C	Calculus for BioSci	(4)	MATH	352	Calculus for Biology	(2)
					and Medicine	
MATH 21D	Vector Analysis	(4)	MATH	402	Calculus III	(5)
MATH 22B	Differntl Equations	(3)	MATH	420	Differential Equations	(4)
MATH 22AL	Lin Alg Comp Lab	(1)	NO CO	OMPARABI	LE COURSE	
	or equivalent basic	knowled	ige of	E MATLAI	3.	
NOTE: Basic	knowledge of MATLAB is	require	ed for	both N	MATH 67 and 22A. Studen	ıts
can learn i	t on their own, enroll i	n Engir	neerir	ng 6, Me	echanical Engineering 5	or
in the one	unit course Mathematics	22AL (n	nay be	e taken	concurrently).	
00-	BOTH OF TH					
MATH 22A	Linear Algebra	(3)	MATH			(3)
	1170				Algebra	
	AND				AND	
MATH 108	Intro Abstract Math	(4)	This	course	must be taken at UC Day	<i>i</i> is

OR SELECT THE FOLLOWING COURSE:

MATH 67 Modern Linear Algebra	(4) NO COMPARABLE COURSE
ENG CS 32A Intro to Programming(4) Formerly ENG CS 10	NO COMPARABLE COURSE
ENGIN 6 Engr Prob Solving	(4) ENGR 405 Engineering Problem (3) Solving

END OF MAJOR

====Mathematical Analytics and Operations Research B.S.==== Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

Recommended Language Preparation Note:

Bachelor of Science degree candidates are advised, but not required, to satisfy the same language requirement as that for a Bachelor of Arts degree candidate, and to fulfill it in French, German or Russian. View the <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	400	Calculus I	(5)
MATH	21B	Calculus	(4)	MATH	401	Calculus II	(5)
MATH	21C	Calculus	(4)	MATH	402	Calculus III	(5)
MATH	21D	Vector Analysis	(4)	MATH	402	Calculus III	(5)
MATH	22B	Differntl Equations	(3)	MATH	420	Differential Equations	(4)
MATH	22AL	Lin Alg Comp Lab	(1)	NO CO	MPARAB!	LE COURSE	

or equivalent basic knowledge of MATLAB.

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

BOTH OF THE FOLLOWING COURSES: MATH 22A Linear Algebra (3) | MATH 410 Introduction to Linear (3) | Algebra | AND | AND | MATH 108 Intro Abstract Math (4) | This course must be taken at UC Davis OR SELECT THE FOLLOWING COURSE: MATH 67 Modern Linear Algebra (4) | NO COMPARABLE COURSE

MAIR 07	Modern Linear Argebra	(4)	NO C	JMPARAD	LE COURSE		
	Intro to Programming(4) ly ENG CS 10		NO COMPARABLE COURSE				
	OR				OR		
ENGIN 6	Engr Prob Solving	(4)	ENGR	405	Engineering Problem Solving	(3)	
ECON 1A	Princ of Microecon	(4)	ECON	304	Principles of Microeconomics	(3)	
ECON 1B	Princ of Macroecon	(4)	ECON 	302	Principles of Macroeconomics	(3)	
STATIST 32	Gateway to Data Science	(4)	NO C	OMPARAB	LE 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

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

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

available from our TAG website.

MATH 2	21A	Calculus	(4)	MATH	400	Calculus	I		(5)
MATH 2	21B	Calculus	(4)	MATH	401	Calculus	II		(5)
MATH 2	21C	Calculus	(4)	MATH	402	Calculus	III		(5)
MATH 2	21D	Vector Analysis	(4)	MATH	402	Calculus	III		(5)
MATH 2	22B	Differntl Equations	(3)	MATH	420	Different	ial	Equations	(4)
MATH 2	22AL	Lin Alg Comp Lab	(1)	NO CO)MPARABI	LE COURSE			

or equivalent basic knowledge of MATLAB.

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

BOTH OF THE FOLLOWING COURSES:

MATH 22A	Linear Algebra	(3) MATH 410 Introduction to Linear (3)
		Algebra
	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 CO	OMPARABL	E COURSE		
ENG CS 32A Intro to Programming(4) Formerly ENG CS 10			NO COMPARABLE COURSE				
	OR				OR		
ENGIN 6	Engr Prob Solving	(4)	ENGR		Engineering Solving	Problem	(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 <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.

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> Catalog for additional information about the Foreign Language and Area Requirements, College of Letters and Science.

AP and	ΙB	examinat	ion	credit	polic	cies	are	det	ail	Led	in	the	UC	Davis	2018-19	9
General	l Ca	atalog .	Quic	k refer	rence	char	rts i	Eor	ΑP	and	IB	are	al	Lso		
availab	ole	from our	TAG	websit	ie.											

available	from our TAG website.			_		-	
MATH 21C MATH 21D	Calculus Calculus	(4) (4) (4)	MATH MATH MATH	401 402 402		Calculus II Calculus III Calculus III	(5) (5) (5) (5) (5)
NOTE: Bas can learn in the on	Lin Alg Comp Lab or equivalent basic k ic knowledge of MATLAB is r it on their own, enroll in e unit course Mathematics 2	nowled equired Engired	ige of ed for neerin	E MA: c bot ng 6	TLAE th M , M∈	3. MATH 67 and 22A. Student echanical Engineering 5 o	
MATH 22A	BOTH OF THE Linear Algebra					S: Introduction to Linear Algebra	(3)
MATH 108	AND Intro Abstract Math	(4)	 This	coui	rse	AND must be taken at UC Dav	is
	OR SELECT Modern Linear Algebra	(4)	NO CO	MPAI			
ENG CS 32	A Intro to Programming(4) rly ENG CS 10				RABI		
ENGIN 6	OR Engr Prob Solving	(4)	 ENGR 	405		OR Engineering Problem Solving	(3)
may n upon	e note that the community of the identical to UC Davistransfer to UC Davis, may niencies.	cours	ses.	Com	nuni	ty college students,	
	PLAN 1: GENERAL	MATHE	MATICS	3			
PHYSICS 9	A Classical Physics	(5)	ĺ		_	Mechanics of Solids and Fluids Electricity and	
			ĺ		_	Magnetism Heat, Waves, Light and	
	PLAN 2: MATHEMA	TICS I	İ			Modern Physics	
PHYSICS 7.	A General Physics OR	(4)	PHYS PHYS 		<u>&</u>	-	(4) (4)
PHYSICS 9		(5)	PHYS		_	Mechanics of Solids and Fluids	(5)
			PHYS		<u>&</u>	Magnetism	(5)
	OR		PHYS 	430		Heat, Waves, Light and Modern Physics OR	(5)
STATIST 1 Same a	3 Elementary Statistics s: STATIST 13Y	(4)	STAT			Introduction to Probability and Statistics	(4)
			<u>91</u> STAT 	480		Introduction to Probability and Statistics - Honors	(4)

OR

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

OR

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:

 ${\tt GPA}$ 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.

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 General Catalog . Quick reference charts for AP and IB are also

available from our TAG website. ______ MEDV-ST 20A Medieval Culture (5) NO COMPARABLE COURSE MEDV-ST 20B Medieval Culture (5) NO COMPARABLE COURSE THREE COURSES FROM THE FOLLOWING: ARTHI 1B Mediev&Renaiss Art (4)|ARTH 306 & Medieval Art ARTH 308 Renaissance Tradition (3) in Art ARTHI 1C Baroque to Modern Art (4) ARTH 308 & Renaissance Tradition (3) in Art ARTH 310 Modern Art (3) ARTHI 1E Islamic Art & (4) NO COMPARABLE COURSE Architecture COMPLIT 2 Major Books-Middle Ages (4) ENGLT 480 & World Literature: (3) to Enlightenment Antiquity to the Early Modern World -Honors ENGLT 481 World Literature: (3) Seventeenth Century to Present - Honors COMPLIT 10A Master Authors (2) NO COURSE ARTICULATED: College has not |submitted course(s)for articulation (2) NO COURSE ARTICULATED: College has not COMPLIT 10B Master Authors |submitted course(s)for articulation (2) NO COURSE ARTICULATED: College has not COMPLIT 10C Master Authors submitted course(s)for articulation COMPLIT 10D Master Authors (2) NO COURSE ARTICULATED: College has not |submitted course(s)for articulation COMPLIT 10E Master Authors (2) NO COURSE ARTICULATED: College has not |submitted course(s)for articulation ENGLISH 10A Literatures in English (4) \mid ENGLT 310 English Literature I (3) I: To 1700 Myth & Saga (4) NO COMPARABLE COURSE GERMAN 48 HISTORY 4A Western Civ (4) NO COMPARABLE COURSE HISTORY 4B Western Civ (4) | HIST 300 & History of Western (3) Civilization History of Western (3) HIST 302 Civilization HUMAN 1Humanities Forum(2) NO COMPARABLE COURSEHUMAN 9Don Quixote(2) NO COMPARABLE COURSE

PHILOS 21	Phil Classics:	Ancient	(4)	PHIL 	330	History of Philosophy	Classical	(3)
				OI	2			
				PHIL	480	History of	Classical	(3)
				ĺ		Philosophy	- Honors	
PHILOS 22	Phil Classics:	Modern	(4)	PHIL	331	History of	Modern	(3)
						Philosophy		

Language proficiency is a desideratum; courses in Latin and other European languages are strongly recommended, particularly for students planning to pursue graduate studies in the medieval or early modern field.

END OF MAJOR

====Microbiology A.B.====

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

Mathematics 17A/B/C <u>or</u> 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

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 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 (5) BIOL 402 Cell and Molecular (5) BIOLSCI 2B Intro Biology: Ecology (5) BIOL 412 & Plant Biology (5) BIOLSCI 2C Intro Biology: (5) BIOL 412 & Plant Biology (5)

	iodiversity & the Tree f Life		BIOL 422 Animal Biology (5
CHEM 2B Genl	Chemistry Chemistry	(5) (5)	CHEM 400 General Chemistry I (5 CHEM 400 & General Chemistry I (5 CHEM 401 General Chemistry II (5
CHEM 8A Organ	nic Chem-Brief nic Chem-Brief OR		
k) CHEM 118A	Org Chem, Hlth & Sci	(4)	Organic Chemistry with (4 Biological Emphasis I OR
k) CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 420 Organic Chemistry I (5 CHEM 425 & Organic Chemistry with (4 Biological Emphasis I CHEM 426 Organic Chemistry with (4
			Biological Emphasis II OR
k) CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 420 & Organic Chemistry I (5 CHEM 421 Organic Chemistry II (5) CHEM 426 Organic Chemistry with (4 Biological Emphasis II OR
			CHEM 421 Organic Chemistry II (5
MATH 17A Calo	culus for BioSci	(4)) MATH 350 Calculus for the Life (3
MATH 17B Calo	culus for Biosci OR	(4)	And Social Sciences I MATH 351
MATH 21A Calo		(4)) MATH 400 Calculus I (5
	culus) MATH 401 Calculus II (5
PHYSICS 1A Pr	rinciples Physics rinciples Physics OR		NO COMPARABLE COURSE NO COMPARABLE COURSE OR
PHYSICS 7A G	eneral Physics	(4)) PHYS 350 & General Physics (4
PHYSICS 7B Ge	eneral Physics	(4)	PHYS 360 General Physics (4) PHYS 350 & General Physics (4
1112102 /2	0110101 111/0100	(- /	PHYS 360 General Physics (4
PHYSICS 7C G	eneral Physics	(4)	PHYS 350 & General Physics (4
It is highly red	commended that students	s coi	PHYS 360 General Physics (4 omplete an entire physics series at
their community	college that is equiva	alen	nt to the entire UC Davis Physics 7A/B/0
series may be re	equired to take addition	onal	transfer without completing an entire l physics courses upon arrival at UC avis advisor before continuing with

END OF MAJOR

physics.

k) If a student takes CHEM 420,421 at Sacramento City College, credit will be given for UC Davis's CHEM 118A,B,C series OR the 128A,B,C,129A,B,C series, not both.

====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:

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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.

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.

available f	rom our TAG website.					
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	 BIOL	402	Cell and Molecular (5	;)
BIOLSCI 2B	Intro Biology: Ecology	(5)	 BIOL	412 &	Biology : Plant Biology (5	5)
	& Evolution			422		
BIOLSCI 2C	Intro Biology:	(5)	BIOL	412 &		;)
	Biodiversity & the Tree		BIOL	422	Animal Biology (5	;)
	of Life					
CHEM 2A	Genl Chemistry	(5)	 CHEM	400	General Chemistry I (5	. –
	Genl Chemistry	(5)	CHEM	400 &	: General Chemistry I (5	5)
	-		CHEM	401	General Chemistry II (5	;)
CHEM 2C	Genl Chemistry	(5)	CHEM		General Chemistry II (5 General Chemistry II (5	;)
CHEM 8A	Organic Chem-Brief	(2)	 NO CO		BLE COURSE	
	Organic Chem-Brief		!		BLE COURSE	
	OR	. ,	i		OR	
k) CHEM 118	A Org Chem, Hlth & Sci	(4)	CHEM	425	Organic Chemistry with (4	Ł)
					Biological Emphasis I	
			OI	_	One and a Chambrian T	- \
ե\ Сп⊾м 110	B Org Chem, Hlth & Sci	(1)	CHEM	420 425 &	Organic Chemistry I (5 : Organic Chemistry with (4	
K) CHEM IIO	b Org Chem, Hith & Str	(4)	CHEM	423 <u>a</u>	Biological Emphasis I	:)
			CHEM	426	Organic Chemistry with (4	1)
					Biological Emphasis	. ,
			j		II	
			OI OI	_		
				420 <u>&</u>	_	
l- \ CHEN 110	a constant tilely a del	(1)	CHEM		Organic Chemistry II (5	
k) CHEM 118	C Org Chem, Hlth & Sci	(4)	CHEM	426	Organic Chemistry with (4 Biological Emphasis	į)
			 		II	
			OI	2	11	
			CHEM	421	Organic Chemistry II (5	;)
 маши 17а	Calculus for BioSci	(1)	 MATH	250	Calculus for the Life (3	
MATH 17A	Calculus for Bloser	(4)	MAIH	350	Calculus for the Life (3 and Social Sciences I	,)
MATH 17B	Calculus for Biosci	(4)	 MATH	351	Calculus for the Life (3	3)
111111 172	carcurad for Brober	(- /		331	and Social Sciences II	,
MATH 17C	Calculus for BioSci	(4)	MATH	352	Calculus for Biology (2	2)
					and Medicine	
	OR	,		40-	OR	- 、
MATH 21A	Calculus		MATH		Calculus I (5	
MATH 21B	Calculus	(4)	MATH	401	Calculus II (5	,)
PHYSICS 7A	General Physics	(4)	PHYS	350 &	: General Physics (4	_ []
		/	PHYS		General Physics (4	
					• '	

PHYSICS 7B	General Physic	s (4)	PHYS	350	<u>&</u>	General	Physics		(4)
			PHYS	360		General	Physics		(4)
PHYSICS 7C	General Physic	s (4)	PHYS	350	&	General	Physics		(4)
			PHYS	360		General	Physics		(4)
It is highly	recommended that	t students co	mplete	e an	en	tire phy	sics seri	es at	
their commun	nity college that	is equivalen	t to t	the e	ent	ire UC D	avis Phys	ics 7A/	B/C
series befor	re transferring.	Students who	trans	fer v	wit:	hout com	pleting a	n entir	е
_	oe required to ta					_			
•	vill need to meet	with a UC Da	vis a	dvis	or :	before c	ontinuing	with	
physics.									
MIC BIO 91 -	Intro Research	(1)	NO CO	JURSI	E A	RTICULAT	ED		
		RECOMME	NDED.						
MATH 21C	Calculus		MATH	402		Calculu	s TTT		(5)
210	04104145	(1 /	1	102		Carcara	~		()

END OF MAJOR

k) If a student takes CHEM 420,421 at Sacramento City College, credit will be given for UC Davis's CHEM 118A,B,C series OR the 128A,B,C,129A,B,C series, not both.

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

http://llc.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

AP and IB examination credit policies ar General Catalog . Quick reference charts	
available from our TAG website.	TOT AP and IB are also
HISTORY 6 Intro to Middle East (4) HIST 380 History of the Middle (3) East
HISTORY 8 Indian Civilization (4	I e
TWO YEARS (OR THE EQUIVALENT) OF	ARABIC, HEBREW, OR HINDI/URDU:
ARABIC 1 Elementary Arabic (5) ARABIC 401 Elementary Arabic (5)) ARABIC 402 Elementary Arabic (5)
ARABIC 2 Elem Arabic (5) ARABIC 402 Elementary Arabic (5)
) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ARABIC 21 Intermed Arabic (4) NO COMPARABLE COURSE
ARABIC 22 Intermed Arabic (4) NO COMPARABLE COURSE
ARABIC 23 Intermed Arabic (4) NO COMPARABLE COURSE
OR	OR
•) NO COMPARABLE COURSE
) NO COMPARABLE COURSE
) NO COMPARABLE COURSE
HEBREW 21 Intermed Modern Hebrew I (4	· ·
HEBREW 22 Intermed Modern Hebrew II (4	• 1
HEBREW 23 Intermed Modern Hebrew III (4 OR) NO COURSE ARTICULATED OR
HIN-URD 1 Elem Hindi/Urdu I (5) NO COURSE ARTICULATED: College has not
	submitted course(s) for articulation
HIN-URD 2 Elem Hindi/Urdu II (5) NO COURSE ARTICULATED: College has not
HIN-URD 3 Elem Hindi/Urdu III (5	submitted course(s) for articulation) NO COURSE ARTICULATED: College has not
TITIN OND 3 ETEM TITIAT/OTAL TIT (5	submitted course(s) for articulation
HIN-URD 21 Intermed Hindi/Urdu I (4) NO COURSE ARTICULATED: College has not
	submitted course(s) for articulation
HIN-URD 22 Intermed Hindi/Urdu II (4) NO COURSE ARTICULATED: College has not
	submitted course(s) for articulation
HIN-URD 23 Intermed Hindi/Urdu III (4) NO COURSE ARTICULATED: College has not
	submitted course(s) for articulation
OTHER MIDDLE EAST/SOUTH ASIA STUDIES REG	IONAL LANGUAGES ACCEPTED WITH PETITION.
	L ELECTIVES:
) NO COMPARABLE COURSE
Architecture	
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 World) NO COMPARABLE COURSE
REL STD 21 The Bible (4) NO COMPARABLE COURSE
) NO COMPARABLE COURSE
REL STD 60 Introduction to Islam (4) NO COMPARABLE COURSE
REL STD 65C The Qur'an and Its (4 Interpretation) NO COMPARABLE COURSE

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

(4) NO COMPARABLE COURSE

REL STD 68 Hinduism

====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 2B					
	Keyboard Competence	(2)	Į.	DETERMINED BY UC DAV	
MUSIC 2C	Keyboard Competence	(2)	CREDIT TO BE	MENT'S PLACEMENT EXAM; DETERMINED BY UC DAV: MENT'S PLACEMENT EXAM;	IS
	STUDENTS MAY PASS OUT THROUGH EXAMINATION	OF ONE	•		J .
MUSIC 6A	Elementary Theory			Musicianship III	
MUSIC 6B	Elementary Theory	(3)		Music Theory and Musicianship IV	(4)
MUSIC 6C	2 2	(3)	NO COMPARABL	E COURSE	
MUSIC 7A	Intermediate Theory				
	Intermediate Theory				
	Intermediate Theory				
MUSTC 16A	Elem Musicianship	(2)	MITTHI 321	Basic Musicianship	(3)
MUSIC 16B	Elem Musicianship Elem Musicianship	(2)	NO COMPARABL	E COURSE	
MUSIC 16C	Elem Musicianship	(2)	NO COMPARABL	E COURSE	
	STUDENTS MAY PASS OUT THROUGH EXAMINATION			TERS OF MUSIC 16A-C	
MUSIC 17A			NO COMPARABL		
MUSIC 17B	Intermediate Musicianship	(2)	NO COMPARABL	E COURSE	
MUSIC 17C	Intermediate Musicianship	(2)	NO COMPARABL	E COURSE	
	THROUGH EXAMINATION			ARTERS OF MUSIC 17A-C	
MUSIC 24A	Intro Music History	(3)	MUFHL 310	Survey of Music History and	(3)
			 OP	Literature (Greek Antiquity to 1750)	(3)
			 <u>OR</u> MUFHL 481 	Literature (Greek Antiquity to 1750) Survey of Music History and Literature (Greek Antiquity to 1750) -	(3)
MUSIC 24B	Intro Music History	(3)	· —	Literature (Greek Antiquity to 1750) Survey of Music History and Literature (Greek Antiquity to 1750) - Honors Survey of Music History and Literature (Greek	
MUSIC 24B	Intro Music History	(3)	MUFHL 481 MUFHL 310 & MUFHL 311	Literature (Greek Antiquity to 1750) Survey of Music History and Literature (Greek Antiquity to 1750) - Honors Survey of Music History and	(3)
MUSIC 24B	Intro Music History	(3)	MUFHL 481 MUFHL 310 & 	Literature (Greek Antiquity to 1750) Survey of Music History and Literature (Greek Antiquity to 1750) - Honors Survey of Music History and Literature (Greek Antiquity to 1750) Survey of Music History and Literature (1750)	(3)

MUSIC 24C	Intro Music	History	(3) MT		Survey of Music History and Literature (1750 to the present)	(3)
				OR		
			Mī 		Survey of Music History and Literature (1750 to present) - Honors	(3)

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

N A STD 1	Intro NA Studies	(4)	ETHNS 350 OR	Introduction to Native American Studies	(3)
			<u>UN</u> ETHNS 351 	Native American Culture and the Impact of Federal Policy	(3)
N A STD 10	NA Experience OR	(4)	NO COMPARABLE	E COURSE OR	
N A STD 12	Native Amer/Indigenous Film	(4)		TICULATED: College has urse(s)for articulation	
	ONE OR TWO	COUR	SES FROM:		
N A STD 5	Intro NA Literature	(4)	NO COMPARABLE	E COURSE	
N A STD 12	Native Amer/Indigenous Film	(4)	!	TICULATED: College has urse(s)for articulation	
	NA Music & Dance		· ·		
N A STD 33	Intro NA Art	(4)	!	Native American Art History	(3)
N A STD 34	NA Art Workshop	(4)	1	-	
	ONE OF This	7011D	and now.		
	ONE OR TWO	JOUR	SES FROM:		
	Intro Afro Studies				
	Afr Tradit Relig ultural Anthropology				(2)
ANTIMO Z	urturar Antinioporogy	(3)	OR	cultural Anthropology	(3)
			•	Honors Cultural Anthropology	(3)
ANTHRO 20	Comparative Cultures	(4)		TICULATED: College has urse(s)for articulation	
	Ancient Crops and People				
	Hist Exp Asian Am			Experience in America	(3)
A A STD 2	Contemp Issues of Asian Americans	(4)	NO COMPARABLI 	E COURSE	
A A STD 4	Asian Amer Cultural Studies	(4)	NO COMPARABLE	E COURSE	
CHICANO 10	Intro to Chic Std	(4)	ETHNS 340	Chicanos/Mexican Americans in the U.S.	(3)
CHICANO 21			NO COMPARABL		
CHICANO 23	Qualitative Research Methods	(4)	NO COMPARABL:	E COURSE	
COMPLIT 25		(4)	 NO COMPARABL:	E COURSE	
CM&RGDE 2	Ethnicity Amer Comm	(4)	ETHNS 300	Introduction to Ethnic Studies	(3)
ENV S&P 10	Current Issues in Environment	(3)	BIOL 350	Environmental Biology	(3)
	0 not open for credit to a				
HISTORY 7A HISTORY 7B	Latin America to 1700 Latin America 1700-1900				
HISTORY 7C			NO COMPARABLE		
HISTORY 17A	U.S. History	(4)	:	History of the United States	(3)
			OR		
			!	History of the United States - Honors	(3)

END OF MAJOR

====Natural Sciences B.S.====

IMPORTANT ADVISORY FOR FALL 2018 APPLICANTS:

The Natural Sciences major is discontinued for new applicants effective the 2018-19 application cycle.

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END OF MAJOR

====Neurobiology, Physiology and Behavior B.S.====

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

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

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

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

Transfer students must also meet UC transfer admission requirements. UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. See the <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 Biolog	gy:Life on	(5)	BIOL	402		Cell and Molecular Biology	(5)
BIOLSCI	2B	Intro Biolog		y (5)			_	Plant Biology	(5)
		& Evolution			BIOL			Animal Biology	(5)
BIOLSCI	2C	Intro Biolog					_	Plant Biology	(5)
		Biodiversity of Life	y & the Tre	ee 	BIOL 	422		Animal Biology	(5)
CHEM 2A	Gei	nl Chemistry		(5)	 CHEM	400		General Chemistry I	(5)
CHEM 2B	Ger	nl Chemistry		(5)	CHEM	400	&	General Chemistry I	(5)
					CHEM			1	(5)
CHEM 2C	Gei	nl Chemistry		(5)	CHEM	401		General Chemistry II	(5)
CHEM 8A	0r0	ganic Chem-B	 rief	(2)	 NO C	OMPAI	RABI	LE COURSE	
CHEM 8B		ganic Chem-B		(4)	NO CO	OMPAI	RAB!	LE COURSE	
		OR						OR	
k) CHEM	118A	OR Org Chem,	Hlth & Sc	i (4)	 CHEM 	425		OR Organic Chemistry with Biological Emphasis I	(4)
k) CHEM	118A		Hlth & Sc	i (4)	 СНЕМ <u>О</u> І			Organic Chemistry with	(4)
k) CHEM	118A		Hlth & Sc	i (4)		<u>R</u>		Organic Chemistry with	
k) CHEM		Org Chem,	Hlth & Sc:		 <u>OI</u> CHEM	<u>R</u> 420		Organic Chemistry with Biological Emphasis I Organic Chemistry I Organic Chemistry with	(5)
		Org Chem,			 <u>OI</u> CHEM CHEM 	420 425		Organic Chemistry with Biological Emphasis I Organic Chemistry I Organic Chemistry with Biological Emphasis I	(5) (4)
		Org Chem,			 <u>OI</u> CHEM	420 425		Organic Chemistry with Biological Emphasis I Organic Chemistry I Organic Chemistry with Biological Emphasis I Organic Chemistry with	(5) (4)
		Org Chem,			 <u>OI</u> CHEM CHEM 	420 425		Organic Chemistry with Biological Emphasis I Organic Chemistry I Organic Chemistry with Biological Emphasis I Organic Chemistry with Biological Emphasis	(5) (4)
		Org Chem,			 <u>OI</u> CHEM CHEM 	420 425 426		Organic Chemistry with Biological Emphasis I Organic Chemistry I Organic Chemistry with Biological Emphasis I Organic Chemistry with	(5) (4)
		Org Chem,			 <u>OI</u> CHEM CHEM CHEM	420 425 426	<u>&</u>	Organic Chemistry with Biological Emphasis I Organic Chemistry I Organic Chemistry with Biological Emphasis I Organic Chemistry with Biological Emphasis	(5) (4)
		Org Chem,			CHEM CHEM CHEM CHEM CHEM	420 425 426 <u>8</u>	<u>&</u>	Organic Chemistry with Biological Emphasis I Organic Chemistry I Organic Chemistry with Biological Emphasis I Organic Chemistry with Biological Emphasis II	(5) (4) (4)
	118B	Org Chem,		i (4)	CHEM CHEM CHEM CHEM CHEM	420 425 426 420 420 421	<u>&</u>	Organic Chemistry with Biological Emphasis I Organic Chemistry I Organic Chemistry with Biological Emphasis I Organic Chemistry with Biological Emphasis II Organic Chemistry I	(5) (4) (4) (5) (5)
k) CHEM	118B	Org Chem,	Hlth & Sc:	i (4)	CHEM CHEM CHEM CHEM CHEM	420 425 426 420 420 421	<u>&</u>	Organic Chemistry with Biological Emphasis I Organic Chemistry I Organic Chemistry with Biological Emphasis I Organic Chemistry with Biological Emphasis II Organic Chemistry I Organic Chemistry I	(5) (4) (4) (5) (5)

			<u>OI</u> CHEM	_	Organic Chemistry II (5)
MATH 17A	Calculus for BioSci	(4)	 MATH 	350	Calculus for the Life (3) and Social Sciences I
MATH 17B	Calculus for Biosci	(4)	 MATH 	351	Calculus for the Life (3) and Social Sciences II
MATH 17C	Calculus for BioSci	(4)	MATH 	352	Calculus for Biology (2) and Medicine
	OR				OR
MATH 21A	Calculus	(4)	MATH	400	Calculus I (5)
MATH 21B	Calculus	(4)	MATH	401	Calculus II (5)
PHYSICS 7A	General Physics	(4)	PHYS	350	& General Physics (4)
			PHYS	360	General Physics (4)
PHYSICS 7B	General Physics	(4)	PHYS	350	$\underline{\&}$ General Physics (4)
			PHYS	360	General Physics (4)
PHYSICS 7C	General Physics	(4)	PHYS	350	$\underline{\&}$ General Physics (4)
			PHYS	360	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.

END OF MAJOR

k) If a student takes CHEM 420,421 at Sacramento City College, credit will be given for UC Davis's CHEM 118A,B,C series OR the 128A,B,C,129A,B,C series, not both.

====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 $\underline{\text{highly recommended}}$ that students complete a series in general chemistry and a series in organic chemistry before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <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 $\underline{\text{General Catalog}}$. 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 402 Cell and Molecular Biology

BIOLSCI 2B Intro Biology: Ecology (5) BIOL 412 Plant Biology (5)

& Evolution BIOL 422 Animal Biology (5)

BIOLSCI 2C Intro Biology: (5) BIOL 412 Plant Biology (5)

Biodiversity & the Tree of Life BIOL 422 Animal Biology (5)

CHEM 2A Genl Chemistry (5) CHEM 400 General Chemistry I (5)

CHEM 2B Genl Chemistry (5) CHEM 400 General Chemistry I (5)

CHEM 2C Genl Chemistry (5) CHEM 401 General Chemistry II (5)

CHEM 8A Organic Chem-Brief CHEM 8B Organic Chem-Brief OR		
k) CHEM 118A Org Chem, Hlth & Sci	(4)	CHEM 425 Organic Chemistry with (4 Biological Emphasis I OR
k) CHEM 118B Org Chem, Hlth & Sci	(4)	CHEM 420 Organic Chemistry I (5 CHEM 425 & Organic Chemistry with (4 Biological Emphasis I CHEM 426 Organic Chemistry with (4 Biological Emphasis
OR		<u>OR</u> CHEM 420 <u>&</u> Organic Chemistry I (5 CHEM 421 Organic Chemistry II (5 OR
k) CHEM 128A Organic Chemistry k) CHEM 128B Organic Chemistry	(3)	CHEM 420 & Organic Chemistry I (5 CHEM 421 Organic Chemistry II (5
k) CHEM 129A Organic Chem Lab	(2)	CHEM 420 Organic Chemistry I (5
NUTR 10 Discoveries and Concepts	(3)	NUTRI 300 Nutrition (3 <u>OR</u>
		NUTRI 480 Nutrition Honors (3
	(4)	PSYC 335 Research Methods in (3 Psychology
OR SOCIOL 46A Intro Social Rsch	(4)	OR NO COMPARABLE COURSE
	BIO	LOGY OPTION: ANTH 310 Cultural Anthropology (3
NUTRITIONAL	(5)	LOGY OPTION: ANTH 310 Cultural Anthropology (3 <u>OR</u>
NUTRITIONAL ANTHRO 2 Cultural Anthropology OR PSYCH 1 General Psychology OR	(5)	LOGY OPTION: ANTH 310 Cultural Anthropology (3 OR ANTH 481 Honors Cultural (3 Anthropology OR PSYC 300 General Principles (3 OR
NUTRITIONAL ANTHRO 2 Cultural Anthropology OR PSYCH 1 General Psychology OR SOCIOL 1 Intro Sociology	(5)	ANTH 310 Cultural Anthropology (3 OR ANTH 481 Honors Cultural (3 Anthropology OR PSYC 300 General Principles (3 OR SOC 300 Introductory Sociology (3 OR SOC 480 Introductory Sociology (3 - Honors
NUTRITIONAL ANTHRO 2 Cultural Anthropology OR PSYCH 1 General Psychology OR	(4) (5)	ANTH 310 Cultural Anthropology (3 OR ANTH 481 Honors Cultural (3 Anthropology OR PSYC 300 General Principles (3 OR SOC 300 Introductory Sociology (3 OR SOC 480 Introductory Sociology (3 - Honors OR SOC 301 Social Problems (3
NUTRITIONAL ANTHRO 2 Cultural Anthropology OR PSYCH 1 General Psychology OR SOCIOL 1 Intro Sociology OR	(4) (5)	ANTH 310 Cultural Anthropology (3 OR ANTH 481 Honors Cultural (3 Anthropology OR PSYC 300 General Principles (3 OR SOC 300 Introductory Sociology (3 OR SOC 480 Introductory Sociology (3 - Honors OR
NUTRITIONAL ANTHRO 2 Cultural Anthropology OR PSYCH 1 General Psychology OR SOCIOL 1 Intro Sociology OR	(4) (5)	ANTH 310 Cultural Anthropology (3 OR ANTH 481 Honors Cultural (3 Anthropology OR PSYC 300 General Principles (3 OR SOC 300 Introductory Sociology (3 OR SOC 480 Introductory Sociology (3 - Honors OR SOC 301 Social Problems (3 OR SOC 481 Social Problems - (3 Honors MATH 350 Calculus for the Life (3 and Social Sciences I
NUTRITIONAL ANTHRO 2 Cultural Anthropology OR PSYCH 1 General Psychology OR SOCIOL 1 Intro Sociology OR SOCIOL 3 Social Problems	(4) (5) (4) (4)	ANTH 310 Cultural Anthropology (3 OR ANTH 481 Honors Cultural (3 Anthropology OR PSYC 300 General Principles (3 OR SOC 300 Introductory Sociology (3 OR SOC 480 Introductory Sociology (3 - Honors OR SOC 301 Social Problems (3 OR SOC 481 Social Problems - (3 Honors MATH 350 Calculus for the Life (3 and Social Sciences I OR MATH 400 Calculus for the Life (3 and Social Sciences II OR
NUTRITIONAL ANTHRO 2 Cultural Anthropology OR PSYCH 1 General Psychology OR SOCIOL 1 Intro Sociology OR SOCIOL 3 Social Problems MATH 16A Short Calculus	(4) (5) (4) (5)	ANTH 310 Cultural Anthropology (3 OR ANTH 481 Honors Cultural (3 Anthropology OR PSYC 300 General Principles (3 OR SOC 300 Introductory Sociology (3 OR SOC 480 Introductory Sociology (3 - Honors OR SOC 301 Social Problems (3 OR SOC 481 Social Problems - (3 Honors MATH 350 Calculus for the Life (3 and Social Sciences I OR MATH 400 Calculus for the Life (3 and Social Sciences II OR MATH 351 Calculus for the Life (3 and Social Sciences II OR MATH 401 Calculus II (5

	NUTRITION IN	_			(0)
ANTHRO 2	Cultural Anthropology	(5)	ANTH 310 OR	Cultural Anthropology	(3)
			ANTH 481		(3)
	OR			Anthropology OR	
SOCIOL 1	Intro Sociology	(5)	SOC 300	Introductory Sociology	(3)
	OR		SOC 480	Introductory Sociology - Honors OR	(3)
SOCIOL 3		(4)	SOC 301		(3)
			<u>OR</u> SOC 481 	Social Problems - Honors	(3)
ECON 1A	Princ of Microecon	(4)	ECON 304	Principles of Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 302	Principles of	(3)
			 	Macroeconomics	
PSYCH 1	General Psychology	(4)	PSYC 300	General Principles	(3)
	IVISION ELECTIVES BY AREA F	OR T	HE NUTRIT	ION IN PUBLIC HEALTH OPTION	 N:
	al and Health Policy Area: Pop,Envr,World Agri	(4)	NO COMPAR	RABLE COURSE	
	iversity and Community Char Food in Amer Culture			RABLE COURSE	
	: FD S&T 55				
CM&RGDE 2	Ethnicity Amer Comm	(4)	ETHNS 300	Introduction to Ethnic Studies	(3)
INT AG 10	Intro Intl Ag	(4)	NO COMPAR	RABLE COURSE	
	Development		 		
	d Applied Sciences Area:				
CM&RGDE 20	Food Systems	(4)		E ARTICULATED: College has d course(s)for articulation	
	Intro to Bioethics		NO COMPAR	RABLE COURSE	
SCI&SOC 2 END OF MAJ	Feeding the Planet OR	(3)	NO COMPAR	RABLE COURSE	

k) If a student takes CHEM 420,421 at Sacramento City College, credit will be given for UC Davis's CHEM 118A,B,C series OR the 128A,B,C,129A,B,C series, not both.

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

Special Advising Note:

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

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

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

Special Advising Note for future applicants:*

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

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

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

	Genl Chemistry Genl Chemistry		CHEM CHEM	400	<u>&</u>	General Ch	emistry	I	(5) (5)
CHEM 2C	Genl Chemistry OR	(5)	CHEM CHEM			General Ch General Ch OR	-		(5) (5)
CHEM 2AH CHEM 2BH CHEM 2CH	Honors Genl Chemistry Honors Genl Chemistry Honors Genl Chemistry	(5)	NO CO	OMPAI 401	RABI <u>&</u>	LE COURSE LE COURSE General Ch Advanced G Chemistry	eneral		(5) (1)
PHYSICS 7A	General Physics	(4)	PHYS		_	General Ph General Ph	_		(4) (4)
PHYSICS 7B	General Physics	(4)		350	<u>&</u>	General Ph General Ph	ysics		(4) (4)
PHYSICS 7C	General Physics	(4)	PHYS PHYS		_	General Ph General Ph	_		(4)
Telephone 1, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	7 7 1 1 1 1 1 1 1 1		7 .						

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	410	<u>&</u>	Mechanics of Solids and Fluids	(5)
			PHYS	420	<u>&</u>	Electricity and Magnetism	(5)
			PHYS	430		Heat, Waves, Light and Modern Physics	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS	410	<u>&</u>	Mechanics of Solids and Fluids	(5)
			PHYS	420	<u>&</u>	Electricity and Magnetism	(5)
			PHYS	430		Heat, Waves, Light and Modern Physics	(5)
PHYSICS 9C	Classical Physics	(5)	PHYS	410	<u>&</u>	Mechanics of Solids and Fluids	(5)
			PHYS	420	<u>&</u>	Electricity and Magnetism	(5)
			PHYS	430		Heat, Waves, Light and Modern Physics	(5)
MATH 16A	Short Calculus	(3)	 MATH OF			Calculus for the Life and Social Sciences I	(3)
			MATH	_		Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH OI			Calculus for the Life and Social Sciences II	(3)
MATH 16C	Short Calculus	(3)	<u>01</u> MATH MATH	401		Calculus II Calculus for the Life	(5)
			 OI	ર		and Social Sciences II	
	OR		MATH	_		Calculus II OR	(5)

MATH 17A Calculus for BioSci	(4)	MATH 350	Calculus for the Life (3)
MATH 17B Calculus for Biosci	(4)	 MATH 351	and Social Sciences I Calculus for the Life (3)
	(1)		and Social Sciences II
MATH 17C Calculus for BioSci OR	(4)	MATH 352 	Calculus for Biology (2) and Medicine OR
MATH 21A Calculus		MATH 400	
MATH 21B Calculus MATH 21C Calculus	(4)	MATH 401 MATH 402	Calculus II (5) Calculus III (5)
BIOLSCI 2A Intro Biology:Life on Earth	(5)	BIOL 402 	Cell and Molecular (5) Biology
BIOLSCI 2B Intro Biology: Ecology	(5)		$\underline{\mathbf{k}}$ Plant Biology (5)
& Evolution OR		BIOL 422	Animal Biology (5) OR
BIOLSCI 2C Intro Biology:			Plant Biology (5)
Biodiversity & the Tree of Life		BIOL 422	Animal Biology (5)
STATIST 13 Elementary Statistics Same as: STATIST 13Y	(4)	STAT 300	Introduction to (4) Probability and
Dame as. STATIST 131			Statistics
		<u>OR</u> STAT 480	Trabaca deserbiana de a
		SIAI 480 	Introduction to (4) Probability and
			Statistics - Honors
		<u>OR</u> ECON 310	Economic Statistics (3)
OR		İ	OR
STATIST 32 Gateway to Data Science	(4)	NO COMPARA	ABLE COURSE
k) CHEM 118A Org Chem, Hlth & Sci	(4)	CHEM 425 OR	Organic Chemistry with (4) Biological Emphasis I
		CHEM 420	1 , ,
k) CHEM 118B Org Chem, Hlth & Sci	(4)	CHEM 425	Organic Chemistry with (4) Biological Emphasis I
		CHEM 426	Organic Chemistry with (4)
			Biological Emphasis
		OR	II
		CHEM 420	
k) CHEM 118C Org Chem, Hlth & Sci	(4)	CHEM 421 CHEM 426	Organic Chemistry II (5) Organic Chemistry with (4)
K, Chilif 110c Olg Chem, Hilli & Bel	(1)		Biological Emphasis
		OB	II
		OR CHEM 421	Organic Chemistry II (5)
OR	(0)		OR
k) CHEM 128A Organic Chemistry k) CHEM 128B Organic Chemistry		CHEM 420 CHEM 420	Organic Chemistry I (5) Organic Chemistry I (5)
	()	CHEM 421	Organic Chemistry II (5)
k) CHEM 128C Organic Chemistry		CHEM 421	Organic Chemistry II (5)
k) CHEM 129A Organic Chem Lab	(2)	CHEM 420	Organic Chemistry I (5)
	(2)		Organic Chemistry I (5)

END OF MAJOR

given for UC Davis's CHEM 118A,B,C series OR the 128A,B,C,129A,B,C series, not both.

====Philosophy A.B.====

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

GENERAL EMPHASIS:

PHILOS 12 Intro to Symbol Logic (4) PHIL 325 Symbolic Logic (3

AND ONE COURSE FROM ANY THREE OF THE FOLLOWING AREAS

PHILOS	1	Intro to Philos	(4)	PHIL 300	Introduction to Philosophy	(3)
				<u>OR</u> PHIL 338 OR	Contemporary Philosophy	(3)
				<u>OK</u> PHIL 481 	History of Modern Philosophy - Honors	(3)
		b. ANCII	ENT 1	PHILOSOPHY		
PHILOS	21	Phil Classics: Ancient	(4)	PHIL 330	History of Classical Philosophy	(3)
				<u>OR</u> PHIL 480 	History of Classical Philosophy - Honors	(3)
		c. EARLY MO	ODERI	N PHILOSOPHY		
PHILOS	22	Phil Classics: Modern	(4)	PHIL 331 	History of Modern Philosophy	(3)
		d. PHILOS	SOPH	Y OF MIND		
PHILOS	13G	Minds, Brains Comp w/Disc	(4)	!	RTICULATED:College has a course(s)for articulation	
		е.	ET	HICS:		
PHILOS	14	Eth Soc Prob in Soc	(4)	PHIL 368 	Law, Justice, and Punishment	(3)
PHILOS	15	OR Intro to Bioethics OR	(4)	 NO COMPARAB] 	OR LE COURSE OR	
PHILOS	24	Intro to Ethics	(4)	 PHIL 310	Introduction to Ethics	(3)
		f. PHILOSO	PHY (OF SCIENCE		
PHILOS	30		(4)	NO COMPARABI		
PHILOS	31	OR Scientific Reason OR	(4)	 NO COMPARAB] 	OR LE COURSE OR	
PHILOS	32	_	(4)	 NO COMPARAB 	_	
PHILOS	38	Intro Philos of Biol		 NO COMPARABI OF LANGUAGE	_	
PHILOS	17	Language, Thought & World	(4)	NO COMPARAB	LE COURSE	
		PRE-1 ONE COURSE FRO		EMPHASIS HE FOLLOWING	:	
PHILOS	14	Eth Soc Prob in Soc	(4)	PHIL 368		(3)
PHILOS PHILOS		Intro to Bioethics Phil Foundations of Amer Democ	(4)	NO COURSE A	Punishment LE COURSE RTICULATED: College has ourse(s)for articulation	

ALL OF THE FOLLOWING COURSES:

PHILOS 5	Critical Reasoning	(4) PHIL 320	Logic and Critical	(3)
			Reasoning	
PHILOS 12	Intro to Symbol Logic	(4) PHIL 325	Symbolic Logic	(3)
PHILOS 24	Intro to Ethics	(4) PHIL 310	Introduction to Ethics	(3)

PRE-MED EMPHASIS: ONE COURSE FROM THE FOLLOWING:

PHILOS 24 PHILOS 30 PHILOS 31 PHILOS 32	Intro to Ethics Intro Philos of Sci Scientific Reason Scientific Change	(4) PHIL 310 Introduction to Ethics (3) (4) NO COMPARABLE COURSE (4) NO COMPARABLE COURSE (4) NO COMPARABLE COURSE
	ALL OF THE	FOLLOWING COURSES:
PHILOS 12	Intro to Symbol Logic	(4) PHIL 325 Symbolic Logic (3)
PHILOS 15	Intro to Bioethics	(4) NO COMPARABLE COURSE
PHILOS 38	Intro Philos of Biol	(4) NO COMPARABLE COURSE

END OF MAJOR

====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 9A	Classical Physics	(5)	PHYS 	410	<u>&</u>	Mechanics of Solids and Fluids	(5)
			PHYS	420	<u>&</u>	Electricity and Magnetism	(5)
			PHYS	430		Heat, Waves, Light and Modern Physics	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS	410	<u>&</u>	Mechanics of Solids and Fluids	(5)
			PHYS	420	<u>&</u>	Electricity and Magnetism	(5)
			PHYS	430		Heat, Waves, Light and Modern Physics	(5)
PHYSICS 9C	Classical Physics	(5)	PHYS	410	<u>&</u>	Mechanics of Solids and Fluids	(5)
			PHYS	420	<u>&</u>	Electricity and Magnetism	(5)
			PHYS	430		Heat, Waves, Light and Modern Physics	(5)
PHYSICS 9D	Modern Physics	(4)	NO CO	OMPAI	RAB:	LE COURSE	
	OR	` ,	i -			OR	
PHYSICS 9HA	Honors Physics	(5)	NO CO	OMPAI	RAB:	LE COURSE	
PHYSICS 9HB	Honors Physics	(5)	NO CO	OMPAI	RAB:	LE COURSE	
PHYSICS 9HC	Honors Physics	(5)	NO CO	OMPAI	RAB	LE COURSE	
PHYSICS 9HD	Honors Physics	(5)	NO CO	OMPAI	RAB:	LE COURSE	
PHYSICS 9HE	Honors Physics	(5)	NO CO	OMPAI	RAB:	LE COURSE	
MATH 21A C	Calculus	(4)	 MATH	400		Calculus I	(5)

MATH 21B	Calculus	(4)	MATH	401	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH	402	Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH	402	Calculus III	(5)
MATH 22A	Linear Algebra	(3)	MATH	410	Introduction to	Linear (3)
					Algebra	
MATH 22B	Differntl Equations	(3)	MATH	420	Differential Equ	ations (4)
PHYSICS 80	Experimental Techniques	(4)	NO CO	OURSE A	RTICULATED	

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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)	 PHYS 	410	<u>&</u>	Mechanics of Solids and Fluids	(5)
			PHYS	420	<u>&</u>	Electricity and	(5)
				420		Magnetism	/ F \
			PHYS 			Heat, Waves, Light and Modern Physics	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS	410	<u>&</u>	Mechanics of Solids and Fluids	(5)
			PHYS	420	&	Electricity and	(5)
			İ		_	Magnetism	(-)
			PHYS	430		Heat, Waves, Light and	(5)
			İ			Modern Physics	, ,
PHYSICS 9C	Classical Physics	(5)	PHYS	410	&	Mechanics of Solids	(5)
						and Fluids	
			PHYS	420	<u>&</u>	Electricity and	(5)
						Magnetism	
			PHYS	430		Heat, Waves, Light and	(5)
						Modern Physics	
PHYSICS 9D	2	(4)	NO CO	MPAF	RAB.	LE COURSE	
	OR					OR	
PHYSICS 9HA	2	. ,	1			LE COURSE	
PHYSICS 9HB	4		1			LE COURSE	
PHYSICS 9HC	Honors Physics		!			LE COURSE	
PHYSICS 9HD	2	. ,	1			LE COURSE	
PHYSICS 9HE	Honors Physics	(5)	INO CC	MPAF	RAB.	LE COURSE	
MATH 21A		(4)	 MATH	400			(5)
MATH 21B	Calculus		MATH			Calculus II	(5)
MATH 21C	Calculus	. ,	MATH			Calculus III	(5)
MATH 21D	Vector Analysis		MATH			Calculus III	(5)
MATH 22A	Linear Algebra	(3)	MATH	410		Introduction to Linear	(3)
			İ			Algebra	
MATH 22B	Differntl Equations	(3)	MATH	420		Differential Equations	(4)
PHYSICS 40	Intr Physics Computation	(4)	NO CO	OURSE	C A:	RTICULATED	
PHYSICS 80	Experimental Techniques	(4)	NO CO	OURSE	C A:	RTICULATED	

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) | ASTR 320 & Stars, Galaxies, and (3) Cosmology | ASTR 400 Astronomy Laboratory (1)

END OF MAJOR

====Plant Biology A.B.====

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

It is also <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 http://tag.ucdavis.edu for details regarding UC Davis TAG.

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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 (5)|BIOL 402 Cell and Molecular Earth Biology Biology BIOLSCI 2B Intro Biology: Ecology (5) BIOL 412 & Plant Biology & Evolution | BIOL 422 | Animal Biology | BIOLSCI 2C | Intro Biology: (5) | BIOL 412 & Plant Biology | Biodiversity & the Tree | BIOL 422 | Animal Biology | Animal Biology | Of Life | (5) ______

CHEM 2B	Genl Chemistry	(5) CHEM 400 & General Chemistry I CHEM 401 General Chemistry I	
CHEM 8A CHEM 8B	Organic Chem-Brief Organic Chem-Brief	(2) NO COMPARABLE COURSE (4) NO COMPARABLE COURSE	
STATIST 13 Same as	B Elementary Statistics S: STATIST 13Y	(4) STAT 300 Introduction to Probability and Statistics	(4)
		STAT 480 Introduction to Probability and Statistics - Honors	(4)
		<u>OR</u> ECON 310 Economic Statistics	(3)

RECOMMENDED COURSES:

====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.

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REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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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.

Advanced Placement (AP) and International Baccalaureate (IB) Examination 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.

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 402 Cell and Molecular (5) Earth Biology BIOLSCI 2B Intro Biology: Ecology (5) | BIOL 412 & Plant Biology (5) & Evolution | BIOL 422 | Animal Biology | BIOLSCI 2C | Intro Biology: (5) | BIOL 412 & Plant Biology | Biodiversity & the Tree | BIOL 422 | Animal Biology | Animal Biology (5) (5) of Life (5) CHEM 400 General Chemistry I (5) CHEM 2A Genl Chemistry
CHEM 2B Genl Chemistry (5) CHEM 400 & General Chemistry I CHEM 2C Genl Chemistry (5) CHEM 401 General Chemistry II (5)
CHEM 2C Genl Chemistry (5) CHEM 401 General Chemistry II (5) _____ ------CHEM 8A Organic Chem-Brief (2) NO COMPARABLE COURSE

CHEM 8B Organic Chem-Brief			NO COMPARABLE COURSE						
			OR						
k) CHEM 118	A Org Chem, Hlth & Sci	(4)	CHEM 4	425	Organic Chemistry with	(4)			
					Biological Emphasis I				
			OR						
			CHEM 4	420	Organic Chemistry I				
k) CHEM 118	B Org Chem, Hlth & Sci	(4)	CHEM 4	425 <u>&</u>	Organic Chemistry with	(4)			
					Biological Emphasis I				
			CHEM 4	426	Organic Chemistry with	(4)			
					Biological Emphasis				
					II				
			OR OR						
			CHEM 4	_	Organic Chemistry I				
1) 0 110	a a a a a a a a	(4)	CHEM 4		Organic Chemistry II	(5)			
K) CHEM 118	C Org Chem, Hlth & Sci	(4)	CHEM 4	426	Organic Chemistry with	(4)			
			 		Biological Emphasis				
			OR		II				
			<u>OR</u> CHEM 4	101	Organia Chamiatan II	/ E \			
				±	Organic Chemistry II	(5)			
MATH 17A	Calculus for BioSci	(4)	MATH 3	350	Calculus for the Life	(3)			
	00100100 101 210001	(- /			and Social Sciences I	(3)			
MATH 17B	Calculus for Biosci	(4)	матн 3	351	Calculus for the Life	(3)			
			İ		and Social Sciences II				
MATH 17C	Calculus for BioSci	(4)	МАТН 3	352	Calculus for Biology	(2)			
			j		and Medicine				
	OR				OR				
MATH 21A		(4)	MATH 4	400	Calculus I	(5)			
MATH 21B	Calculus	(4)	MATH 4	401	Calculus II	(5)			
PHYSICS 7A	General Physics	(1)	 PHYS 3	250 c	General Physics	(4)			
PHISICS /A	General Physics		PHYS 3	_	General Physics	(4)			
PHYSICS 7B	General Physics		PHYS 3		General Physics	(4)			
11110100 /10	General Thybreb	(1)	PHYS 3	360 <u>u</u>	General Physics	(4)			
PHYSICS 7C	General Physics	(4)	PHYS 3	350 &	General Physics	(4)			
		(- /	PHYS 3		General Physics	(4)			
It is highly recommended that students complete 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.

RECOMMENDED COURSES:

submitted course(s) for articulation MATH 21C Calculus (4) MATH 402 Calculus III (5)	BIOLSCI 20Q	Modeling in Biology	(2)	NO	COURSE	ARTICULATED:	College	has not
(1),,	MATH 21C	Calculus		!				lation (5)

END OF MAJOR

k) If a student takes CHEM 420,421 at Sacramento City College, credit will be given for UC Davis's CHEM 118A,B,C series OR the 128A,B,C,129A,B,C series, not both.

====Plant Sciences B.S.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is highly recommended that students complete chemistry courses before transferring.

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

your CCC counselor or the UC Davis College of A&ES if you have any questions.

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

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

available f	rom our TAG website.				
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	1	Cell and Molecular Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology	(5)	BIOL 412 &	Plant Biology	(5)
	& Evolution		BIOL 422	Animal Biology	(5)
PL SCI 2	Bot Physio Cul Plt	(4)	NO COMPARAB	LE COURSE	
	Genl Chemistry		CHEM 400		(5)
CHEM 2B	Genl Chemistry			General Chemistry I General Chemistry II	(5) (5)
CHEM 2C	Genl Chemistry			General Chemistry II	
	Organic Chem-Brief		NO COMPARAB		
CHEM 8B	Organic Chem-Brief OR	(4)	NO COMPARAB	LE COURSE OR	
k) CHEM 118	A Org Chem, Hlth & Sci	(4)	CHEM 425	Organic Chemistry with	(4)
			OR	Biological Emphasis I	
			CHEM 420	_	(5)
k) CHEM 118	B Org Chem, Hlth & Sci	(4)	CHEM 425 &	Organic Chemistry with	(4)
			 CHEM 426	Biological Emphasis I Organic Chemistry with	(4)
				Biological Emphasis	,
			OR	II	
			CHEM 420 &		(5)
k) CHEM 118	C Org Chem, Hlth & Sci	(1)	CHEM 421 CHEM 426	Organic Chemistry II Organic Chemistry with	(5)
K) CHEM 110	C Org Chem, Hith & Str	(4)	CHEM 420	Biological Emphasis	(4)
				II	
			<u>OR</u> CHEM 421	Organic Chemistry II	(5)
 MATH 16A	Short Calculus			Calculus for the Life	(2)
MAIH 16A	Short Carculus	(3)	MAIH 350	and Social Sciences I	(3)
			OR 100	~ 1	<i>(</i> - <i>)</i>
MATH 16B	Short Calculus	(3)	MATH 400 MATH 351	Calculus I Calculus for the Life	(5) (3)
111111 102	511020 04104145	(3)	į	and Social Sciences II	(5)
			<u>OR</u> MATH 401	Calculus II	(5)
	OR		İ	OR	(3)
MATH 17A	Calculus for BioSci	(4)	MATH 350	Calculus for the Life and Social Sciences I	(3)
MATH 17B	Calculus for Biosci	(4)	 MATH 351	Calculus for the Life	(3)
				and Social Sciences II	
PHYSICS 1A	Principles Physics	(3)	NO COMPARAB	LE COURSE	
PHYSICS 1B	Principles Physics OR	(3)	NO COMPARAB	LE COURSE OR	
	OK		I	O.R	

PHYSICS 7A	General Physics	(4)	PHYS	350 &	General	Physics	(4)
			PHYS	360	General	Physics	(4)
PHYSICS 7B	General Physics	(4)	PHYS	350 &	General	Physics	(4)
			PHYS	360	General	Physics	(4)
PHYSICS 7C	General Physics	(4)	PHYS	350 &	<u>General</u>	Physics	(4)
			PHYS	360	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.

ABIOSYT 49	Fld Equip Oper	(2) NO COMPARABLE COURSE	
	OR	OR	
PL SCI 49	Org Crop Prod Prac	(3) NO COMPARABLE COURSE	
	COURSES FOR	THE CROP PRODUCTION OPTION:	
ECON 1A	Princ of Microecon	(4) ECON 304 Principles of	(3)
		Microeconomics	

OR OR

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

END OF MAJOR

k) If a student takes CHEM 420,421 at Sacramento City College, credit will be given for UC Davis's CHEM 118A,B,C series OR the 128A,B,C,129A,B,C series, not both.

====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:

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POL SCI 1	Amer Natl Govt	(4) POLS 301 	Introduction to Government: United States	(3)
		0.70		
		OR		
		POLS 481 	Introduction to Government: United States - Honors	(3)

THREE COURSES FROM THE FOLLOWING:

POL SCI	2	Intro Comp Politics	(4)	POLS	302	Introduction to Government: Foreign	(3)
POL SCI	3	Internatl Relations	(4)	POLS	310	Introduction to International Relations	(3)
				01	<u>R</u>		
				POLS	480	Introduction to	(3)
				İ		International	
				İ		Relations -Honors	
POL SCI	4	Bas Cnpt/Pol Thry	(4)	POLS	322	Political Ideologies	(3)
POL SCI	5	Probs/Am Pol Sys	(4)	NO CO	OMPARAB:	LE COURSE	
POL SCI	7	Law & Politics	(4)	 	368	Law, Justice, and Punishment	(3)
POL SCI	51	Scientific Study of Politics	(4)	NO C	OMPARAB	LE COURSE	

ONE COURSE FROM THE FOLLOWING:

							ARTICULATED: College has (s) for articulation	not
	SO	CIOL 12Y	·					
STATIST	13	Elementary	Statistics	(4)	STAT	300	Introduction to	(4)
Same	as:	STATIST 13Y			ĺ		Probability and	
					ĺ		Statistics	
					OF	<u>ર</u>		
					STAT	480	Introduction to	(4)
					ĺ		Probability and	
					ĺ		Statistics - Honors	
					OF	<u>ર</u>		
					ECON	310	Economic Statistics	(3)
STATIST	32	Gateway to Da	ata Science	(4)	NO CC	OMPARA	ABLE COURSE	

END OF MAJOR

Special Advising Note:

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College Foreign Language Requirement Note:

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

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

	THREE COURSES	FROM THE FO	LLOWING:		
POL SCI 1	Amer Natl Govt	(4) POI	JS 301	Introduction to	(3)
				Government: United	
				States	
			OR		
		POI	JS 481	Introduction to	(3)
				Government: United	
				States - Honors	
POL SCI 2	Intro Comp Politics	(4) PO	ıs 302	Introduction to	(3)
				Government: Foreign	
POL SCI 3	Internatl Relations	(4) PO	ıs 310	Introduction to	(3)
				International	
				Relations	

				OR		
				<u>OR</u> POLS 480	Introduction to	(3)
					International	(3)
					Relations -Honors	
POL SCI	4	Bas Cnpt/Pol Thry	(4)	POLS 322	Political Ideologies	(3)
	_	ONE COURSE FF		1	5	(- /
Note: Co	ourse	es listed twice may be use	ed on	ly once for	r major preparation	
POL SCI	1	Amer Natl Govt	(4)	POLS 301	Introduction to	(3)
					Government: United	
					States	
				<u>OR</u>		(0)
				POLS 481	Introduction to	(3)
					Government: United	
DOT 221	0	T	(4)		States - Honors	(2)
POL SCI	2	Intro Comp Politics	(4)	POLS 302	Introduction to	(3)
DOI	2	Total Deletions	(4)	 DOT G 210	Government: Foreign	(2)
POL SCI	3	Internatl Relations	(4)	POLS 310	Introduction to	(3)
				 	International Relations	
				l or	Relations	
				<u>OK</u> POLS 480	Introduction to	(3)
				1	International	(3)
				 	Relations -Honors	
POL SCI	4	Bas Cnpt/Pol Thry	(4)	POLS 322	Political Ideologies	(3)
POL SCI		Probs/Am Pol Sys		!	ABLE COURSE	(3)
POL SCI		Law & Politics	, ,	PHIL 368	Law, Justice, and	(3)
			, ,		Punishment	(-)
POL SCI	11A	America Decides	(4)	NO COURSE	ARTICULATED: College has	s not
				submitted	course(s)for articulation	on
POL SCI	11B	Citizen Lawmaking	(4)	NO COURSE	ARTICULATED: College has	s not
				submitted	course(s) for articulation	on
POL SCI	11C	Politics & Film	(4)	NO COURSE	ARTICULATED: College has	s not
				submitted	course(s) for articulation	on
POL SCI	11D	Political Persuasion	(4)	1	ARTICULATED: College has	
				!	course(s)for articulation	
POL SCI	12A	Politics & Sports	(4)	!	ARTICULATED: College has	
				•	course(s)for articulation	on
POL SCI	12B	Climate Chg & Politics	(4)		
DOT. SCT	 51	Scientific Study of	(4)	ІМО СОМРАВ	ARIF COURSE	
TOD DCI	J 1	Politics	(1)		ADDE COORDE	
				' 		
POL SCI	12Y	Data Visualization	(4)	NO COURSE	ARTICULATED: College has	s not
		COMUNCN 12Y, PSYCH 12Y su				
		CIOL 12Y				
		OR			OR	
		Elementary Statistics	(4)	STAT 300		(4)
Same	as:	STATIST 13Y			Probability and	
					Statistics	
				OR 100		,
				STAT 480	Introduction to	(4)
					Probability and	
				l OD	Statistics - Honors	
				<u>OR</u> ECON 310	Economic Statistics	(2)
		OR		LECON 210	OR	(3)
STATIST	32	Gateway to Data Science	(4)	NO COMPARA		
END OF 1				•		

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:

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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 <u>preparation for graduation</u> 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
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.

available from our TAG website.			
PSYCH 1 General Psychology PSYCH 41 Research Methods	(4) PSYC 300 (4) PSYC 335	General Principles Research Methods in Psychology	(3)
STATIST 13 Elementary Statist Same as: STATIST 13Y	ics (4) STAT 300	Introduction to Probability and Statistics	(4)
	STAT 480 OR	Introduction to Probability and Statistics - Honors	(4)
	ECON 310	Economic Statistics	(3)
BIOLSCI 2A Intro Biology:Life Earth	on (5) BIOL 402	Cell and Molecular Biology	(5)
OR A	COMBINATION OF		
	(4) ===== 205		(4)

BIOLSCI 10 Everyday Biology (4) BIOL 305 Natural History (4)

AND ONE COURSE FROM

ANTHRO 1	Human Evol Biol	(4) ANTH 300 Physical Anthropology	(3)
		<u>OR</u> ANTH 480 Honors Physical Anthropology	(3)

OR

MOL&CB 10 Intro Human Heredity (4) NO COMPARABLE COURSE
OR

NE PH B 10 Elem Human Physio (3) BIOL 430 & Anatomy and Physiology (5)
BIOL 431 Anatomy and Physiology (5)

END OF MAJOR

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

Special Advising Note:

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.90 for the course group. It is recommended that candidates have a cumulative GPA of at least 2.90 for courses in the group below that have been completed by the time of application and maintain the GPA through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

Psychology 1;
Statistics 13;
One of these two options:
Biological Sciences 2A,

or
*Biological Sciences 10 and one course from:
Anthropology 1 or
Molecular and Cellular Biology 10 or
Neurobiology, Physiology and Behavior 10

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

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

*Students planning for a B.S. degree in psychology with biological emphasis are encouraged to complete Biological Sciences 2A rather than Biological Sciences 10. Also, although only one biological sciences course is required for admission, students interested in pursuing a B.S. degree with biological emphasis are encouraged to complete the recommended courses shown on ASSIST.

Transfer students must also meet UC transfer admission requirements. For details, see the UC Davis <u>transfer admission website</u>. 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.

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

PSYCH 1 PSYCH 41	General Psychology Research Methods		PSYC PSYC 		General Principles Research Methods in Psychology	(3)
STATIST 13 Same as:	Elementary Statistics STATIST 13Y	(4)	STAT		Introduction to Probability and Statistics	(4)
			<u>01</u> STAT 01	480	Introduction to Probability and Statistics - Honors	(4)
			ECON	_	Economic Statistics	(3)
MATH 16A	Short Calculus	(3)	 MATH OI		Calculus for the Life and Social Sciences I	(3)
MATH 16B	Short Calculus	(3)	MATH MATH	400	Calculus I Calculus for the Life and Social Sciences II	(5)
	0.0		<u>01</u> MATH	_	Calculus II	(5)
MATH 17A	OR Calculus for BioSci	(4)	 MATH 	350	OR Calculus for the Life and Social Sciences I	(3)
MATH 17B	Calculus for Biosci	(4)	MATH	351	Calculus for the Life	(3)

	OR				and Social Sciences II OR	
MATH 21A Ca MATH 21B Ca	alculus alculus			400 401		(5) (5)
PHYSICS 10	Topics,Nonscientists OR	(4)	 PHYS 	310	Conceptual Physics OR	(3)
PHYSICS 10C	Physics of California	(3)	1		ARTICULATED: College has a course(s) for articulation	
PHYSICS 7A	OR General Physics	(4)			•	(4) (4)
PHYSICS 7B	General Physics	(4)	PHYS		General Physics	(4) (4)
their communit series before series may be	transferring. Students w	lent ho t nal	t to t transf physi	the en fer wi ics co	tire UC Davis Physics 7A/1 thout completing an entire ourses upon arrival at UC	
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL	402	Cell and Molecular Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology	(5)	BIOL	412 &		(5)
	& Evolution		BIOL			(5)
	Intro Biology:		:	412 <u>&</u>		(5)
	Biodiversity & the Tree of Life		BIOL	422	Animal Biology	(5)
	nl Chemistry nl Chemistry			_	General Chemistry I	(5) (5) (5)
_					ABLE COURSE ABLE COURSE OR	
k) CHEM 118A	Org Chem, Hlth & Sci	(4)	į			(4)
k) CHEM 118B	Org Chem, Hlth & Sci	(4)	<u>OB</u> CHEM CHEM CHEM	420 425 &	2	
			 OI	•	II	
			· —	420 &	Organic Chemistry II	(5) (5)
1 \ ~~~~	OR			466	OR	, F :
k) CHEM 128A	Organia Chemistry		CHEM			(5) (5)
k) CHEM 128B	Organic Chemistry	(3)	CHEM CHEM 	420 <u>&</u> 421		(5) (5)

END OF MAJOR

k) If a student takes CHEM 420,421 at Sacramento City College, credit will be given for UC Davis's CHEM 118A,B,C series OR the 128A,B,C,129A,B,C series, not both.

====Psychology B.S. (Quantitative)====

REQUIREMENTS FOR ADMISSION:

(for 2018-19)

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

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.90 for the course group. It is recommended that candidates have a cumulative GPA of at least 2.90 for courses in the group below that have been completed by the time of application and maintain the GPA through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

Psychology 1;
Statistics 13;
One of these two options:
Biological Sciences 2A

or
Biological Sciences 10 and one course from:
Anthropology 1 or
Molecular and Cellular Biology 10 or
Neurobiology, Physiology and Behavior 10

Applicants to psychology apply to the major without reference to A.B. or B.S. degrees or emphases, which are chosen after enrollment at UC Davis. Transfer students are advised that although <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 <u>preparation for graduation</u> 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 <u>transfer admission website</u>. 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 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ are also available from our TAG website.

	General Psycholog Research Methods	-		300 335	General Principles Research Methods in Psychology	(3)
	Elementary Sta	atistics (4) 	STAT		Introduction to Probability and Statistics	(4)
			STAT OF	480	Introduction to Probability and Statistics - Honors	(4)
		İ	ECON	_	Economic Statistics	(3)
MATH 21A MATH 21B MATH 21C	Calculus Calculus Calculus	(4)	MATH		Calculus I Calculus II Calculus III	(5) (5) (5)
	Programming ENG CS 30	(4)	CISP	360 8	Introduction to Structured Programming	(4)
ENG GG 203	OR Tubus b		CISP		Object Oriented Programming with Java OR	(4)
	Intro to Program y ENG CS 10	(4) 	INO CC	MPAKABI	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.

CHEM 10	Concept of Chem	(4)	CHEM	330		Adventures in Chemistry	(4)
	OR		j			OR	
CHEM 2A	Genl Chemistry	(5)	CHEM	400		General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM	400	<u>&</u>	General Chemistry I	(5)
			CHEM	401		General Chemistry II	(5)
	OR					OR	
CHEM 2AH	Honors Genl Chemistry	(5)	NO CC	MPAF	RAE	SLE COURSE	
CHEM 2BH	Honors Genl Chemistry	(5)	NO CC	MPAF	RAE	SLE COURSE	
PHYSICS 10	Topics, Nonscientists	(4)	PHYS	310		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 350 & General Physics (4)					
			PHYS 360 General Physics (4)					
PHYSICS 7B	General Physics	(4)	PHYS 350 & General Physics (4)					
			PHYS 360 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.								
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 402 Cell and Molecular (5) Biology					

OR A COMBINATION OF

BIOLSCI 10	Everyday Biology	(4) BIOL 305	Natural History	(4)
DICEDCE IC	Diverjudy Division	(1) D101 303	nacarar mibcor,	\ - /

AND ONE COURSE FROM

ANTHRO 1	Human Evol Biol	(4)	ANTH 300 OR	Physical Anthropology	(3)
			ANTH 480	Honors Physical	(3)
				Anthropology	
	OR			OR	
MOL&CB 10	Intro Human Heredity	(4)	NO COMPARAE	BLE COURSE	
	OR			OR	
NE PH B 10	Elem Human Physio	(3)	BIOL 430 &	Anatomy and Physiology	(5)
			BIOL 431	Anatomy and Physiology	(5)

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

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

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

students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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)	PHII	L 352	Introduction to World (3)
							Religions
REL	STD	1A	Pilgrimage	(4)	NO (COMPARA	ABLE COURSE
REL	STD	1B	Death and Afterlife	(4)	NO 0	COMPARA	ABLE COURSE
REL	STD	1C	Sacrifice	(4)	NO 0	COMPARA	ABLE COURSE
REL	STD	1D	Conversion	(4)	NO (COMPARA	ABLE COURSE
REL	STD	1E	Fundamentalism	(4)	NO (COMPARA	ABLE COURSE
REL	STD	1F	Religion Today	(4)	NO (COMPARA	ABLE COURSE
REL	STD	1G	Myth Ritual Symbol	(4)	NO (COMPARA	ABLE COURSE
REL	STD	1H	Sex, Marriage, Divorce	(4)	NO (COURSE	ARTICULATED: College has not
					subr	mitted	course(s)for articulation
REL	STD	1J	Music, Voice, Word	(4)	NO (COURSE	ARTICULATED: College has not
					subr	mitted	course(s)for articulation
			FOUR COURSES F	ROM !	THE I	FOLLOW:	ING:
REL	STD	5	Comparative Religion	(2)	NO (COURSE	ARTICULATED
REL	STD	6	Intro Health Humanities	(4)	NO (COURSE	ARTICULATED
PFT.	מידים	1 0	Contemporary Ethical	(2)	ірнті	τ. 310	Introduction to Ethics (3)

			FOUR COURSES	FROM '	THE FOLLOWING:
REL	STD	5	Comparative Religion	(2)	NO COURSE ARTICULATED
REL	STD	6	Intro Health Humanities	(4)	NO COURSE ARTICULATED
REL	STD	10	Contemporary Ethical	(2)	PHIL 310 Introduction to Ethics (3)
			Issues		
REL	STD	10A	Contemporary Ethical	(2)	NO COMPARABLE COURSE
			Issues		
REL	STD	11	Ethical Eating	(4)	NO COURSE ARTICULATED:College has not
					submitted course(s)for articulation
REL	STD	12	Emergence Abrahamic	(4)	NO COURSE ARTICULATED:College has not
			Religions		submitted course(s)for articulation
REL	STD	21	The Bible	(4)	NO COMPARABLE COURSE
REL	STD	23	Intro Judaism	(4)	NO COMPARABLE COURSE
REL	STD	30	South Asian Religions	(4)	NO COURSE ARTICULATED: College has not
					submitted course(s) for articulation
REL	STD	40	New Testament	(4)	NO COMPARABLE COURSE
REL	STD	42	Religion and Sci	(4)	NO COURSE ARTICULATED: College has not
			Fiction		submitted course(s) for articulation
REL	STD	45	Christianity	(4)	NO COURSE ARTICULATED: College has not
					submitted course(s) for articulation
REL	STD	60	Introduction to Islam	(4)	NO COMPARABLE COURSE
REL	STD	65C	The Qur'an and Its	(4)	NO COMPARABLE COURSE

Interpretation

REL STD 67	Modern Hinduism	(4)	NO COURSE ARTICULATED: College has not				
			submitted course(s)for articulation				
REL STD 68	Hinduism	(4)	NO COMPARABLE COURSE				
REL STD 69	Intro Hindu Mythology	(4)	NO COURSE ARTICULATED: College has not				
			submitted course(s)for articulation				
REL STD 70	Religion and Language	(4)	NO COMPARABLE COURSE				
REL STD 75	Introduction to Chinese	(4)	NO COMPARABLE COURSE				
	Philosophy						
REL STD 80	Religion, Gender, Sex	(4)	NO COMPARABLE COURSE				
A reading knowledge of a foreign language is highly recommended.							

END OF MAJOR

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

Special Advising Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

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

RUSSIAN	1	Elementary	Russian	(5)	RUSS	401		Elementary Russian	(4)
RUSSIAN	2	Elementary	Russian	(5)	RUSS	401	<u>&</u>	Elementary Russian	(4)
					RUSS	402		Elementary Russian	(4)
RUSSIAN	3	Elementary	Russian	(5)	RUSS	402		Elementary Russian	(4)
RUSSIAN	4	Intermed Ru	ssian	(4)	RUSS	411	<u>&</u>	Intermediate Russian	(4)
					RUSS	412		Intermediate Russian	(4)
RUSSIAN	5	Intermed Ru	ssian	(4)	RUSS	411	<u>&</u>	Intermediate Russian	(4)
					RUSS	412		Intermediate Russian	(4)
RUSSIAN	6	Intermed Ru	ssian	(4)	RUSS	411	<u>&</u>	Intermediate Russian	(4)
					RUSS	412		Intermediate Russian	(4)

END OF MAJOR

====Science & Technology Studies A.B.====

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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.

SCI&TEC 1	Intro Sci & Tech Std	(4) NO	COMPARABLE	COURSE
SCI&TEC 20	Sci & Tec Std Methods	(4) NO	COMPARABLE	COURSE

8 QUARTER UNITS FROM THE FOLLOWING:

AMR STD 1A Science and American Culture	(4) NO COMPARABLE COURSE
AMR STD 1E Nat&Cult Amr	(4) NO COMPARABLE COURSE
AMR STD 5 Tech in Amr Lives	(4) NO COMPARABLE COURSE
ENV S&P 1 Env Analysis	(4) NO COMPARABLE COURSE
HUMAN 3 Medicine & Humanities	(4) NO COMPARABLE COURSE
PHILOS 30 Intro Philos of Sci	(4) NO COMPARABLE COURSE
PHILOS 31 Scientific Reason	(4) NO COMPARABLE COURSE
PHILOS 32 Scientific Change	(4) NO COMPARABLE COURSE
SCI&SOC 1 Critical Inquiry into	(4) NO COMPARABLE COURSE
Contemporary Issues	
SCI&SOC 2 Feeding the Planet	(3) NO COMPARABLE COURSE
SCI&SOC 3 Sci, Tech&Society	(4) NO COMPARABLE COURSE
SCI&SOC 5 Discovery:Sci & Soc	(3) NO COMPARABLE COURSE
SCI&TEC 32 Drugs, Science and	(4) NO COMPARABLE COURSE
Culture	
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.

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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:

OR

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See http://llc.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	IIOM OUI IAO WEDSIEC.									
SOCIOL 1	Intro Sociology	(5)	SOC 300 OR	Introductory Sociology	(3)					
			SOC 480	Introductory Sociology - Honors	(3)					
SOCIOL 46A	Intro Social Rsch AND	(4)	NO COMPAR <i>I</i> 	ABLE COURSE AND						
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARA	ABLE COURSE						
	ONE COURSE FROM THE FOLLOWING:									
	Self and Society Social Problems			Social Psychology Social Problems	(3)					
			SOC 481	Social Problems - Honors	(3)					
b) SOCIOL	4 Immigrtn & Opprtnty	(4)	SOC 321 	Race, Ethnicity and Inequality in the United States	(3)					
	Global Soc Change Sociology of Labor and Employment									
SOCIOL 25	Popular Culture	(4)	NO COMPARA	ABLE COURSE						
b) SOCIOL	30A Multicultural Societies	(3)	SOC 321 	Race, Ethnicity and Inequality in the United States	(3)					
			<u>OR</u> SOC 482 	Sociology of Race, Ethnicity and Inequality - Honors	(3)					
SOCIOL 30B	Multicultural Societies	(3)	1							
	ONE COURSE FR	OM T	HE FOLLOWIN	 īG:						
ANTHRO 2	Cultural Anthropology	(5)	ANTH 310	Cultural Anthropology	(3)					

ANTH 481

Honors Cultural
Anthropology
OR

ONE COURSE FROM THE FOLLOWING:

HISTORY	4A	Western Civ	(4)	NO COMPARABLE COURSE	
HISTORY	4B	Western Civ	(4)	HIST 300 & History of Western (3)
				Civilization	
				HIST 302 History of Western (3)
				Civilization	
HISTORY	4C	Western Civ	(4)	HIST 302 History of Western (3)
				Civilization	
HISTORY	6	Intro to Middle East	(4)	HIST 380 History of the Middle (3)
				East	
HISTORY	7A	Latin America to 1700	, ,	NO COMPARABLE COURSE	
HISTORY			, ,	NO COMPARABLE COURSE	
HISTORY	7C		(4)	NO COMPARABLE COURSE	
		1900-Present			
HISTORY		Indian Civilization	. ,	NO COMPARABLE COURSE	
HISTORY	9A	East Asian Civ	(4)	·	3)
				1	3)
		East Asian Civ		NO COMPARABLE COURSE	
HISTORY	10C	World History III	(4)	·	3)
				Twentieth Century	
		Africa to 1900	. ,	NO COURSE ARTICULATED	
		Africa Today		NO COURSE ARTICULATED	
HISTORY	17A	U.S. History	(4)	!	3)
				States	
				<u>OR</u>	٠,
				·	3)
	4 ==			States - Honors	٠,
HISTORY	T./B	U.S. History	(4)		3)
				States	
				<u>OR</u>	2 \
					3)
				States - Honors	

ONE COURSE FROM THE FOLLOWING:

PHILOS 5	Critical Reasoning	(4) PHIL 320	Logic and Critical Reasoning	(3)
PHILOS 14	Eth Soc Prob in Soc	(4) PHIL 368	Law, Justice, and Punishment	(3)
PHILOS 24	Intro to Ethics	(4) PHIL 310	Introduction to Ethics	(3)

END OF MAJOR

b) If a student takes SOCIOLOGY 321 at Sacramento City College, credit will be given for UC Davis Sociology 4 or Sociology 30A, 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:

SOCIOL 1	Intro Sociology	(5)	SOC 300 Introductory Sociology (3) OR SOC 480 Introductory Sociology (3) Honors
SOCIOL 5	Global Soc Change	(4)	NO COMPARABLE COURSE
SOCIOL 46A	Intro Social Rsch AND Intro Social Rsch		NO COMPARABLE COURSE AND NO COMPARABLE COURSE
ECON 1B	Princ of Macroecon	(4)	ECON 302 Principles of (3) Macroeconomics
ANTHRO 2	Cultural Anthropology OR	(5)	ANTH 310 Cultural Anthropology (3) OR ANTH 481 Honors Cultural (3) Anthropology OR
ANTHRO 20	Comparative Cultures	(4)	1
HISTORY 100	C World History III	(4)	HIST 309 World History in the (3) Twentieth Century

POL SCI 2 Intro Comp Politics (4) POLS 302 Introduction to Government: Foreign

Course work in one modern foreign language at the two-year level, or provide proof of proficiency (27-30 quarter units).

END OF MAJOR

====Sociology A.B. (Law & Society)====

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

			OR		
			SOC 480 	Introductory Sociology - Honors	(3)
SOCIOL 3	Social Problems	(4)	SOC 301 OR	Social Problems	(3)
			SOC 481	Social Problems - Honors	(3)
b) SOCIOL 4	OR Immigrtn & Opprtnty	(4)	 SOC 321 	OR Race, Ethnicity and Inequality in the United States	(3)
	OR			OR	
SOCIOL 11	Sociology of Labor and Employment	(4)	NO COMPARAI	BLE COURSE	
SOCIOL 46A	Intro Social Rsch AND	(4)	NO COMPARAE	BLE COURSE AND	
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARA	BLE COURSE	
	4 QUARTER UNITS	FRO	M THE FOLLOW	ving:	
ANTHRO 2	Cultural Anthropology	(5)	ANTH 310 <u>OR</u>	Cultural Anthropology	(3)
			ANTH 481	Honors Cultural Anthropology	(3)
ANTHRO 20	Comparative Cultures	(4)	1	ARTICULATED: College has course(s)for articulation	
POL SCI 1	Amer Natl Govt	(4)	POLS 301 		(3)
			<u>OR</u> POLS 481 	Introduction to Government: United States - Honors	(3)
POL SCI 3	Internatl Relations	(4)	POLS 310 	Introduction to International Relations	(3)
			<u>OR</u> POLS 480	Introduction to	(3)
				International Relations -Honors	(3)
POL SCI 4 POL SCI 7	Bas Cnpt/Pol Thry Law & Politics	(4) (4)	POLS 322 PHIL 368	Law, Justice, and	(3)
				Punishment 	
	4 QUARTER UNITS	FRO	M THE FOLLOW	VING:	
			NO COMPARA		(2)
HISTORY 4B	Western Civ	(4)	HIST 300 & HIST 302	History of Western Civilization History of Western	(3)
				Civilization	(3)
				History of Western Civilization	(3)
HISTORY 6	Intro to Middle East	(4)	HIST 380	History of the Middle East	(3)
	Latin America to 1700		!	BLE COURSE	
	Latin America 1700-1900 Latin America 1900-Present		•		
HISTORY 8	Indian Civilization				
HISTORY 9A	East Asian Civ	(4)	HIST 364 &	Asian Civilization	(3)

				HIST	365	Asian Civilization	(3)
HISTORY	9В	East Asian Civ	7 (4) NO C	OMPAR	ABLE COURSE	
HISTORY	10C	World History	/ III (4	HIST	309	World History in the	(3)
						Twentieth Century	
HISTORY	15A	Africa to 1900	(4) NO C	OURSE	ARTICULATED	
HISTORY	15B	Africa Today	(4) NO C	OURSE	ARTICULATED	
HISTORY	17A	U.S. History	(4	HIST	310	History of the United	(3)
						States	
				0	R		
				HIST	483	History of the United	(3)
						States - Honors	
HISTORY	17B	U.S. History	(4	HIST	311	History of the United	(3)
						States	
				0	R		
				HIST	484	History of the United	(3)
						States - Honors	
PHILOS 5	5	Critical Reasoni	ing (4) PHIL	320	Logic and Critical	(3)
						Reasoning	
		OR				OR	
PHILOS 1	14	Eth Soc Prob in	n Soc (4) PHIL	368	Law, Justice, and	(3)
						Punishment	
		OR				OR	
PHILOS 2	24	Intro to Ethics	5 (4) PHIL	310	Introduction to Ethics	(3)

END OF MAJOR

b) If a student takes SOCIOLOGY 321 at Sacramento City College, credit will be given for UC Davis Sociology 4 or Sociology 30A, not both

====Sociology A.B. (Social Services)====

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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:

available fr	com our TAG website.				
SOCIOL 1	Intro Sociology	(5)	OR	Introductory Sociology	(3)
			:	Introductory Sociology - Honors	(3)
	Self and Society OR	(4)	PSYC 320	Social Psychology OR	(3)
SOCIOL 3	Social Problems	(4)	SOC 301	Social Problems	(3)
			SOC 481	Social Problems - Honors 	
	Intro Social Rsch AND		j	AND	
	Intro Social Rsch			LE COURSE	
PSYCH 1 (General Psychology			General Principles	
	6-8 QUARTER UNI	rs F	ROM THE FOLL	OWING:	
AF-AMST 10	Af-Am Culture & Soc	(4)	NO COMPARAB	LE COURSE	
AF-AMST 15	Intro Afro Amer Hum	(4)	NO COMPARAB	LE COURSE	
A A STD 1	Hist Exp Asian Am	(4)	ETHNS 330 	The Asian American Experience in America	(3)
A A STD 2	Contemp Issues of Asian Americans	(4)	NO COMPARAB	LE COURSE	
CHICANO 10	Intro to Chic Std	(4)	ETHNS 340	Chicanos/Mexican Americans in the U.S.	(3)
CHICANO 50	Chicano Culture	(4)	ETHNS 341 		(3)
N A STD 1	Intro NA Studies	(4)		Introduction to Native American Studies	(3)
			OR 0.51		
			ETHNS 351 	Native American Culture and the Impact of Federal Policy	(3)
N A STD 10	NA Experience	(4)	NO COMPARAB	-	
b) SOCIOL 4	Immigrtn & Opprtnty		SOC 321	Race, Ethnicity and Inequality in the United States	(3)
SOCIOL 11	Sociology of Labor and	(4)	NO COMPARAB	LE COURSE	

	Employment				
b) SOCIOL 30A	Multicultural Societies	(3)	SOC 321 	Race, Ethnicity and Inequality in the	(3)
			j	United States	
			OR		
			SOC 482	Sociology of Race,	(3)
				Ethnicity and	
				Inequality - Honors	
SOCIOL 30B	Multicultural Societies	(3)	NO COURSE	ARTICULATED: College has	s not
			submitted	course(s)for articulation	on

END OF MAJOR

b) If a student takes SOCIOLOGY 321 at Sacramento City College, credit will be given for UC Davis Sociology 4 or Sociology 30A, not both

====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.

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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.

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 300 Introductory Sociology (3) OR SOC 480 Introductory Sociology (3) - Honors AND AND SOCIOL 2 Self and Society (4) PSYC 320 Social Psychology (3) ______ b) SOCIOL 4 Immigrtn & Opprtnty (4) SOC 321 Race, Ethnicity and (3) Inequality in the United States OR SOCIOL 5 Global Soc Change (4) NO COMPARABLE COURSE OR SOCIOL 11 Sociology of Labor and (4) NO COMPARABLE COURSE Employment SOCIOL 46A Intro Social Rsch (4) NO COMPARABLE COURSE AND SOCIOL 46B Intro Social Rsch (5) NO COMPARABLE COURSE ______ (4) ECON 304 Principles of ECON 1A Princ of Microecon Microeconomics AND AND Princ of Macroecon (4) ECON 302 Principles of Macroeconomics ECON 1B (3) ______

END OF MAJOR

b) If a student takes SOCIOLOGY 321 at Sacramento City College, credit will be given for UC Davis Sociology 4 or Sociology 30A, not both

====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.

Transfor Admission Currentee (TAC) Note:

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

SPANISH	1	Elementary Spanish	(5)	SPAN	401	Elementary Spanish	(4)
SPANISH	2	Elementary Spanish	(5)	SPAN	401 &	Elementary Spanish	(4)
				SPAN	402	Elementary Spanish	(4)
SPANISH	3	Elementary Spanish	(5)	SPAN	402	Elementary Spanish	(4)
SPANISH	21	Intm Spanish	(5)	SPAN	411	Intermediate Spanish	(4)
SPANISH	22	Intm Spanish	(5)	SPAN	412	Intermediate Spanish	(4)
SPANISH	23	Span Comp I	(4)	NO CO	MPARA	BLE COURSE	
SPANISH	24	Span Comp II	(4)	NO CO	MPARA	BLE COURSE	
		OR				OR	
SPANISH	31	Int Span Nat Spk I	(5)	SPAN	413	Spanish for Native	(4)
				ĺ		Speakers I	
SPANISH	32	Int Span Nat Spk II	(5)	SPAN	415	Spanish for Native	(4)
				ĺ		Speakers II	
SPANISH	33	Int Span Nat Spk III	(5)	NO CO	OMPARA	BLE 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 341 Introduction to (3)
Linguistics

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 <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:

16A	Short	Calculus	(3)	MATH	350	Calculus for the Life and Social Sciences I	(3)
				OI	<u>R</u>		
				MATH	400	Calculus I	(5)
16B	Short	Calculus	(3)	MATH	351	Calculus for the Life	(3)
						and Social Sciences II	
				OI	<u>R</u>		
				MATH	401	Calculus II	(5)
16C	Short	Calculus	(3)	MATH	351	Calculus for the Life	(3)
						and Social Sciences II	
				OI	<u>R</u>		
				MATH	401	Calculus II	(5)
		OR				OR	
17A	Calcul	lus for BioSci	(4)	MATH	350	Calculus for the Life	(3)
						and Social Sciences I	
17B	Calcul	lus for Biosci	(4)	MATH	351	Calculus for the Life	(3)
						and Social Sciences II	
17C	Calcul	lus for BioSci	(4)	MATH	352	Calculus for Biology	(2)
				İ		and Medicine	
		OR		İ		OR	
21A	Calcul	lus	(4)	MATH	400	Calculus I	(5)
21B	Calcul	lus	(4)	MATH	401	Calculus II	(5)
21C	Calcul	lus	(4)	MATH	402	Calculus III	(5)
	16B 16C 17A 17B 17C 21A 21B	16B Short 16C Short 17A Calcui 17B Calcui 17C Calcui 21A Calcui 21B Calcui	16B Short Calculus 16C Short Calculus OR 17A Calculus for BioSci 17B Calculus for Biosci 17C Calculus for BioSci	OR 17A Calculus for BioSci (4) 17C Calculus for BioSci (4) OR 21A Calculus for BioSci (4) Calculus for Calculus for Calculus for Calculus for Calculus for Calculus for Calculus for Calculus (4)	OI MATH 16B Short Calculus (3) MATH 16C Short Calculus (3) MATH OR 17A Calculus for BioSci (4) MATH 17B Calculus for Biosci (4) MATH 17C Calculus for BioSci (4) MATH OR 21A Calculus (4) MATH Calculus (4) MATH Calculus (4) MATH OR	OR MATH 400	and Social Sciences I OR MATH 400 Calculus I 16B Short Calculus (3) MATH 351 Calculus for the Life and Social Sciences II OR MATH 401 Calculus II 16C Short Calculus (3) MATH 351 Calculus for the Life and Social Sciences II OR MATH 401 Calculus II OR MATH 401 Calculus II OR 17A Calculus for BioSci (4) MATH 350 Calculus for the Life and Social Sciences I 17B Calculus for BioSci (4) MATH 351 Calculus for the Life and Social Sciences I 17C Calculus for BioSci (4) MATH 352 Calculus for Biology and Medicine OR OR 21A Calculus (4) MATH 400 Calculus I 21B Calculus (4) MATH 401 Calculus II

MATH 22A	Linear Algebra	(3)	 MATH 	410	Introduction to Linear Algebra	(3)
	Intro to Programming(4) y ENG CS 10		NO CO	OMPARAB:	LE COURSE	
	OR		İ		OR	
ENG CS 36A	Programming	(4)	CISP	360	Introduction to	(4)
Formerly	ENG CS 30		İ		Structured Programming	
			OI	<u>R</u>		
			CISP	401	Object Oriented	(4)
			İ		Programming with Java	
	OR		ĺ		OR	
ENG CS 36B	Object-Oriented Program	(4)	CISP	400	Object Oriented	(4)
Formerly	ENG CS 40				Programming with 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:

available f	rom our TAG website.					
MATH 16A	Short Calculus	(3)	 MATH 	350	Calculus for the Life and Social Sciences I	(3)
			01	R		
			MATH		Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 	351	Calculus for the Life and Social Sciences II	
			01			
				401		(5)
MATH 16C	Short Calculus	(3)	MATH 	351	Calculus for the Life and Social Sciences II	
			1	R		
			MATH	401	Calculus II	(5)
	OR			0.50	OR	(0)
MATH 17A	Calculus for BioSci	(4)	MATH 	350	Calculus for the Life and Social Sciences I	(3)
MATH 17B	Calculus for Biosci	(4)	MATH 	351	Calculus for the Life and Social Sciences II	(3)
MATH 17C	Calculus for BioSci	(4)	MATH	352	Calculus for Biology	(2)
	OR				and Medicine OR	
MATH 21A		(4)	MATH	400		(5)
MATH 21B	Calculus	(4)	MATH	401		(5)
MATH 21C		(4)	MATH	402	Calculus III	(5)
NOTE: THE	MATH 21A,B,C SERIES IS REG	COMME	NDED :	IF AVAI	LABLE	
	Linear Algebra		 MATH 		Introduction to Linear Algebra	(3)
ENG CS 32A	Intro to Programming(4) y ENG CS 10		NO C	OMPARAE	BLE COURSE	
	OR				OR	
	Programming ENG CS 30	(4)	CISP	360	Introduction to Structured Programming	(4)
			<u>O</u>	_		
	OR		CISP	401	Object Oriented Programming with Java OR	(4)
FNG CS 36B	Object-Oriented Program	(4)	I Icted	400		(4)
	ENG CS 40	(1)		400	Programming with C++	(1)
may not	note that the community co be identical to UC Davis ansfer to UC Davis, may no ncies.	cour	ses.	Commun	nity college students,	
	AND ONE	COURS	E FROI	М		
OTTATE OF 10	Diagnote Deck-1-17	/ / \	INO C	OMD * ~ ~ ~	DI E. COUDCE	
	Discrete Probabil Elementary Statistics					(1)
STATIST 13 Same as:	STATIST 13Y	(4)	PIAI	300	Probability and	(4)

STATIST	12	Discrete Probabil	(4)	NO COMPARA	BLE COURSE	
STATIST	13	Elementary Statistics	(4)	STAT 300	Introduction to	(4)
Same	as:	STATIST 13Y			Probability and	
					Statistics	
				OR		
				STAT 480	Introduction to	(4)
					Probability and	

OR

ECON 310 Economic Statistics

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	Calculus	(4)	MATH	400	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH	401	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH	402	Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH	402	Calculus III	(5)
MATH 22A	Linear Algebra	(3)	MATH	410	Introduction to Linear Algebra	(3)
	Data Structures	(4)	 CISP 	430	Data Structures	(4)

Formerly ENG CS 60

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

AND ONE COURSE FROM

STATIST 12	Discrete Probabil	(4)	NO COMPARAB	LE COURSE	
STATIST 13	Elementary Statistics	(4)	STAT 300	Introduction to	(4)
Same as:	STATIST 13Y			Probability and	
				Statistics	
			OR OR		
			STAT 480	Introduction to	(4)
				Probability and	
				Statistics - Honors	
			OR		
			ECON 310	Economic Statistics	(3)
STATIST 32	Gateway to Data Science	(4)	NO COMPARAB	LE COURSE	

END OF MAJOR

====Statistics B.S. (General Statistics Option)==== Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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available from our me webbite.				
MATH 21A Calculus	(4)	MATH 400	Calculus I	(5)
MATH 21B Calculus	(4)	MATH 401	Calculus II	(5)
MATH 21C Calculus			Calculus III	(5)
MATH 21D Vector Analysis	(4)	MATH 402	Calculus III	(5)
MATH 22A Linear Algebra	(3)	MATH 410 	Introduction to Linear Algebra	(3)
OR			OR	
MATH 67 Modern Linear Algebra	(4)	NO COMPARA	ABLE COURSE	
MATH 25 Advanced Calculus	(4)		ARTICULATED: College has course(s)for articulation	
ENG CS 32A Intro to Programming(4) Formerly ENG CS 10	NO COMPARABLE COURSE 			
OR			OR	
ENG CS 36A Programming	(4)	CISP 360	Introduction to	(4)
Formerly ENG CS 30			Structured Programming	
		OR		
		CISP 401	Object Oriented	(4)
OR			Programming with Java OR	
ENG CS 36B Object-Oriented Program	(4)	CTSP 400	*	(4)
Formerly ENG CS 40	(- /		Programming with C++	(- /
		I		

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 Same as	Elementar: STATIST 13Y	y Statistics	(4)	STAT 300 	Introduction to Probability and Statistics	(4)
				<u>OR</u> STAT 480 	Introduction to Probability and Statistics - Honors	(4)
STATIST 12 STATIST 32			(4)	OR ECON 310 NO COMPARAI NO COMPARAI		(3)

====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 $\frac{\text{transfer admission website}}{\text{complete UC transfer admission requirements}}$. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to

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

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG 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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Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

MATH 21A	Calculus	. ,		400	Calculus I	(5)
MATH 21B	Calculus		MATH		Calculus II	(5)
MATH 21C	Calculus	. ,	MATH		Calculus III	(5)
MATH 21D	Vector Analysis	. ,	1		Calculus III	(5)
MATH 22A	Linear Algebra	(3)	MATH 	410	Introduction to Linear Algebra	(3)
ENG CS 32A	Intro to Programming(4)		 NO C	OMPARAB	LE COURSE	
Formerl;	y ENG CS 10		[
	OR				OR	
ENG CS 36A	Programming	(4)	CISP	360	Introduction to	(4)
Formerly	ENG CS 30				Structured Programming	
			OI	<u>R</u>		
			CISP	401	Object Oriented	(4)
					Programming with Java	
	OR				OR	
ENG CS 36B	Object-Oriented Program	(4)	CISP	400	Object Oriented	(4)
Formerly	ENG CS 40				Programming with C++	
STATIST 12	Discrete Probabil	(4)	NO CO	OMPARAB	LE COURSE	
	OR	(- /			OR	
STATIST 13	Elementary Statistics	(4)	STAT	300	Introduction to	(4)
Same as:	STATIST 13Y	, ,	İ		Probability and	` ,
			İ		Statistics	
			i oi	З.		
			STAT	480	Introduction to	(4)
			İ		Probability and	
			j		Statistics - Honors	
			OI	R		
			ECON	_	Economic Statistics	(3)
	OR		j		OR	. ,
			1			

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.

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 301 Introduction to Public (3) Speaking
PL SCI 15	Intro Sustainable Agriculture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CM&RGDE 20	Food Systems	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
PL PATH 40	Edible Mushroom Cult OR	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation OR
PL SCI 49	Org Crop Prod Prac	(3)	· · · · · · · · · · · · · · · · · · ·
	Select one of the i	Eoll	owing courses:
AN SCI 41L	Domest An Prod Lab	(2)	NO COMPARABLE COURSE
AN SCI 49A	Animal Prac/Aquaculture	(2)	NO COURSE ARTICULATED: College has not
			submitted course(s)for articulation
AN SCI 49B	Animal Prac/Beef	(2)	NO COURSE ARTICULATED: College has not
			submitted course(s)for articulation
AN SCI 49C	Animal Prac/Dairy	(2)	NO COURSE ARTICULATED: College has not
			submitted course(s)for articulation
AN SCI 49D	Animal Prac/Goats	(2)	NO COURSE ARTICULATED: College has not
	- ' '	(O)	submitted course(s)for articulation
AN SCI 49E	Animal Prac/Horses	(2)	NO COURSE ARTICULATED: College has not
AN SCI 49F	Aminol December 1 also Aminol a	(2)	submitted course(s)for articulation
AN SCI 49F	Animal Prac/Lab Animals	(\(\(\(\) \)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
AN SCI 49G	Animal Prac/Meats	(2)	NO COURSE ARTICULATED: College has not
AN SCI 47G	AIIIIIai Flac/Meacs	(2)	submitted course(s)for articulation
AN SCI 49H	Animal Prac/Poultry	(2)	NO COURSE ARTICULATED: College has not
111. 201 1711	111111111111111111111111111111111111111	(-)	submitted course(s)for articulation
AN SCI 49I	Animal Prac/Sheep	(2)	NO COURSE ARTICULATED: College has not
			submitted course(s)for articulation
AN SCI 49J	Animal Prac/Swine	(2)	NO COURSE ARTICULATED: College has not
			submitted course(s)for articulation
			Lyo governmen
ABIOSYT 49	Fld Equip Oper OR	(2)	NO COMPARABLE COURSE
ABIOSYT 52	Field Equip Welding	(2)	OR NO COURSE ARTICULATED: College has not

PLUS CHOOSE ONE OF THE FOLLOWING THREE TRACKS:

	TRACK I: AGRICT	JLTUR	E AND EC	COLOGY	-	
МАТН 16А	Short Calculus	(3)	MATH 35 		Calculus for the Life and Social Sciences I	(3)
МАТН 16В	Short Calculus	(3)	<u>OR</u> MATH 40 MATH 35 <u>OR</u>	51	Calculus I Calculus for the Life and Social Sciences II	(5)
			MATH 40	01	Calculus II	(5)
CHEM 2A CHEM 2B	Genl Chemistry Genl Chemistry	(5) (5)	CHEM 40 CHEM 40 CHEM 40	00 00 <u>&</u> 01	General Chemistry I General Chemistry I General Chemistry II	(5)
	Principles Physics	(3)	NO COME		E COURSE	
BIOLSCI 2B		(5)	BIOL 41 BIOL 42	22	Animal Biology	(5) (5)
PL SCI 2	Bot Physio Cul Plt	(4)	NO COME	PARABL	E COURSE	
AN SCI 1	Domest Ani & People OR	(4)	NO COME	PARABL	OR	
AN SCI 2	Intro Animal Sci	(4)	NO COME	PARABL	E COURSE	
FD S&T 1	Food Sci Principles	(3)	NO COME	PARABL	E COURSE	
ECON 1A	Princ of Microecon				Principles of Microeconomics	(3)
CM&RGDE 1	The Community			PARABL	E COURSE	
PHILOS 14	Eth Soc Prob in Soc	(4)	 PHIL 36 	58	Punishment	
PHILOS 15	OR Intro to Bioethics	(4)	NO COME	PARABL	OR E COURSE	
PHILOS 24	OR Intro to Ethics	(4)	 PHIL 31	10	OR Introduction to Ethics	(3)
ANTHRO 2	Cultural Anthropology	(5)	 ANTH 31 OR	10	Cultural Anthropology	(3)
	OR		ANTH 48		Honors Cultural Anthropology OR	(3)
POL SCI 4	Bas Cnpt/Pol Thry	(4)	 POLS 32	22	Political Ideologies OR	(3)
SOCIOL 1	OR Intro Sociology	(5)	 SOC 300) I	ntroductory Sociology	(3)
			<u>OR</u> SOC 480 		ntroductory Sociology Honors	(3)
SOCIOL 3	OR Social Problems	(4)	 soc 301	1 S	OR Social Problems	(3)
			OR SOC 481		ocial Problems - Onors	(3)

TRACK II: FOOD AND SOCIETY PHILOS 5 Critical Reasoning (4) | PHIL 320 Logic and Critical (3)

OR		 	Reasoning OR	
PHILOS 31 Scientific Reason	n (4) 	NO COMP 	ARABLE COURSE	
PHILOS 14 Eth Soc Prob in S	Soc (4)	PHIL 36 	8 Law, Justice, and Punishment OR	(3)
PHILOS 15 Intro to Bioethic OR	(4)	NO COMP		
PHILOS 24 Intro to Ethics	(4)	 PHIL 31	0 Introduction to Ethics	(3)
SOCIOL 46B Intro Social Rso	ch (5)	NO COMP	ARABLE COURSE OR	
STATIST 13 Elementary Stati	stics (4)	<u> </u> 		(4)
		<u>OR</u> STAT 48 	0 Introduction to Probability and Statistics - Honors	(4)
		<u>OR</u> ECON 31	0 Economic Statistics	(3)
CHEM 2A Genl Chemistry		•	0 General Chemistry I	
BIOLSCI 10 Everyday Biology				(4)
PL SCI 2 Bot Physio Cul Plt	(4)	NO COMP	ARABLE COURSE	
BIOLSCI 2B Intro Biology: E & Evolution OR	Ecology (5)		_ .	(5) (5)
ENV S&P 1 Env Analysis OR	(4)	NO COMP	ARABLE COURSE OR	
ENV S&P 30 Global Ecosystem Same as: ENV SC&M 30	n (3)	GEOG 31	Exploring Earth's Cultural Landscapes	(3)
OR W&F BIO 10 Wildl Ecol Conse	erve (4)	NO COMP		
W&F BIO 51 Intro to Conserv Biology		į		
FD S&T 1 Food Sci Principle	es (3)	NO COMP	ARABLE COURSE	
SOILSCI 10 Soils in Our Environment	(3)	NO COMP	ARABLE COURSE	
ECON 1A Princ of Microecon	(4)	ECON 30		(3)
POL SCI 4 Bas Cnpt/Pol Thry	(4)	POLS 32		
ANTHRO 2 Cultural Anthropolo				(3)
OR			1 Honors Cultural Anthropology OR	(3)
SOCIOL 1 Intro Sociology	(5)	SOC 300		(3)
OR		SOC 480	Introductory Sociology - Honors OR	(3)

SOCIOL 3	Social Problems	(4)	SOC 301 Social Problems OR	(3)
			SOC 481 Social Problems - Honors	(3)
CM&RGDE 1		(4)	NO COMPARABLE COURSE	
CM&RGDE 2	Ethnicity Amer Comm	(4)	ETHNS 300 Introduction to Ethnic Studies	(3)
MA III 1 6 A	TRACK III: ECO			(2)
MATH 16A	Short Calculus	(3)	MATH 350 Calculus for the Life and Social Sciences I OR	(3)
			· —	(5)
MATH 16B	Short Calculus	(3)	MATH 351 Calculus for the Life and Social Sciences II	
			I .	(5)
SOCIOL 46B	Intro Social Rsch OR		NO COMPARABLE COURSE OR	
	Elementary Statistics: STATIST 13Y	(4)	Probability and	(4)
			Statistics OR	
			! 	(4)
			Statistics - Honors	
			<u>OR</u> ECON 310 Economic Statistics	(3)
		(5)	CHEM 400 General Chemistry I	
BIOLSCI 10	Everyday Biology	(4)	BIOL 305 Natural History	(4)
PL SCI 2	Bot Physio Cul Plt	(4)		
	Intro Biology: Ecology		BIOL 412 & Plant Biology	
	& Evolution	(- ,	BIOL 422 Animal Biology	
ENV S&P 1	OR Env Analysis	(4)	OR NO COMPARABLE COURSE	
	OR		OR	
	ENV SC&M 30	(3)	GEOG 310 Human Geography: Exploring Earth's Cultural Landscapes	(3)
W&F BIO 10	OR Wildl Ecol Conserve	(4)	OR NO COMPARABLE COURSE	
	OR		OR	
	Intro to Conservation Biology		NO COMPARABLE COURSE 	
FD S&T 1	Food Sci Principles	(3)		
SOILSCI 10	Soils in Our Environment	(3)		
			ECON 304 Principles of	
ECON 1B	Princ of Macroecon	(4)	Microeconomics ECON 302 Principles of	(3)
			ECON 302 Principles of Macroeconomics	
			POLS 322 Political Ideologies	

ANTHRO 2	Cultural Anthropology	(5)	ANTH 310 OR	Cultural Anthropology	(3)
	OR		ANTH 481	Honors Cultural Anthropology OR	(3)
SOCIOL 1	Intro Sociology	(5)	SOC 300		(3)
	OR		SOC 480	Introductory Sociology - Honors OR	(3)
SOCIOL 3	Social Problems	(4)	SOC 301 OR	Social Problems	(3)
			SOC 481	Social Problems - Honors	(3)
CM&RGDE 1	The Community	(4)	NO COMPARA	BLE COURSE	
PHILOS 14	Eth Soc Prob in Soc	(4)	PHIL 368	Law, Justice, and Punishment OR	(3)
PHILOS 15	Intro to Bioethics OR	(4)	 NO COMPARA 	BLE COURSE OR	
PHILOS 24	Intro to Ethics	(4)	 PHIL 310	Introduction to Ethics	(3)

====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{AP} and \underline{IB} are also available from our TAG website.

COMUNCN 1	Intro Public Spkg	(4)	 COMM 	301	Introduction to Public Speaking	(3)
ENGLISH 3	Intro to Lit	(4)	į	301 R	College Composition and Literature	(3)
	OR		ENGWR	_	Argumentative Writing and Critical Thinking Through Literature OR	(4)
UWRITING 1	Expository Writing OR	(4)	 ENGWR 	300	College Composition OR	(3)
	Style in the Essay UWRITING 18 OR	(4)	ENGWR	302	Advanced Composition and Critical Thinking OR	(3)
UWRITING 49 Formerly UW	Writing Research Papers RITING 19	(4)	NO CO 	MPARABI	LE COURSE	

BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5) BIOL 412 & Plant Biology BIOL 422 Animal Biology	(5) (5)							
ALL OF THE FOLLOWING COURSES:										
LND ARC 1	Intro Environ Design	(4) NO COMPARABLE COURSE								
LND ARC 2	Place, Culture, Community	(4) NO COMPARABLE COURSE								
LND ARC 3	Sustainable Development	(4) NO COMPARABLE COURSE								
LND ARC 21	Landscape Rep I	(4) NO COMPARABLE COURSE								
Formerly	Design Visualization									
LND ARC 30	History Environ Design	(4) NO COMPARABLE COURSE								
LND ARC 50	Site Ecology	(4) NO COMPARABLE COURSE								
LND ARC 70	Intro to Spacemaking	(4) NO COMPARABLE COURSE								
	AND ONE COURSE IN A PHYSICAL SCIENCE									

====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.

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 21	Computers in	Technology	(3)	NO	COMPARAB:	LE COURSE	
	OR					OR	
B) ENG CS 15	Intro to	Computers	(4)	NO	COMPARAB:	LE COURSE	
	OR			ĺ		OR	
ENG CS 36A	Programming		(4)	CIS	P 360	Introduction to	(4)
Formerly :	ENG CS 30			İ		Structured Programming	
				İ	<u>OR</u>		
				CIS	P 401	Object Oriented	(4)
				ĺ		Programming with Java	

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

ECON 1A	Princ of Microecon	(4) ECON 304	Principles of Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4) ECON 302	Principles of Macroeconomics	(3)

ANTHRO 2	Cultural Anthropology	(5)	i -	Cultural Anthropology	(3)
	OP		<u>OR</u> ANTH 481 	Honors Cultural Anthropology OR	(3)
SCI&SOC 1	OR Critical Inquiry into	(4)	 NO COMPARAB	*	
	Contemporary Issues	, ,			
ADMIT 1A	OR	(1)	 	OR	(2)
ARTHI 1A	Ancient Mediterranean Art OR	(4)	ARTH 304	Ancient Art OR	(3)
ARTHI 1B	Mediev&Renaiss Art	(4)	ARTH 306 &	Medieval Art	(3)
			ARTH 308	Renaissance Tradition	(3)
	OR		 	in Art OR	
ARTHI 1C	Baroque to Modern Art	(4)	 ARTH 308 &		(3)
	-		<u> </u>	in Art	
			ARTH 310	Modern Art	(3)
ARTHT 1 D	OR Arts of Asia	(4)	 ARTH 332	OR Agian Art	(3)
	ALL OF THE F				
PHYSICS 1A	Principles Physics OR	(3)	NO COMPARAB	LE COURSE OR	
PHYSICS 10	OR Topics,Nonscientists	(4)	 phys 310		(3)
PSYCH 1	General Psychology	(4)	PSYC 300	General Principles	(3)
SOCIOL 2	Self and Society	(4)		Social Psychology	(3)
	Elementary Statistics : STATIST 13Y	(4)			(4)
			<u>5K</u> STAT 480 	Introduction to Probability and Statistics - Honors	(4)
			<u>OR</u> ECON 310	Economic Statistics	(3)
				ECONOMIC Statistics	(3)
	Intro Textiles		FASHN 320		(3)
TEX&CL 7			NO COMPARAB		
TEX&CL 8	Textile Apparel Ind				
MGMT 11A	Elem Accounting	(4)	ACCT 301	Financial Accounting	(4)
MGMT 11B	Elem Accounting	(4)	ACCT 311	Managerial Accounting	(4)
CHEM 10	Concept of Chem	(4)	:	Adventures in Chemistry	(4)
	OR		j	OR	
				General Chemistry I	
	Ghant Galanina				
MATH 16A	Short Calculus	(3)	į	Calculus for the Life and Social Sciences I	(3)
			OR	Calculus I	/ E \
MATH 16B	Short Calculus			Calculus I Calculus for the Life	(5) (3)
	, , , , , , , , , , , , , , , , , ,	, 5 /		and Social Sciences II	
			OR		:
			MATH 401 	Calculus II	(5)

AGRESEC 18	Business Law	(4)	NO COMPARAB	LE COURSE	
DESIGN 77	Intro to Fashion Design	(4)	NO COMPARAB	LE COURSE	
MATH 16C	Short Calculus	(3)	MATH 351	Calculus for the Life	(3)
				and Social Sciences II	
			OR		
			MATH 401	Calculus II	(5)

units.

Foreign language units may be used to satisfy any or all of the required 12

END OF MAJOR

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

====Textiles and Clothing B.S. (Textile Science)==== IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

The undergraduate major Textiles and Clothing in the College of Agricultural and Environmental Sciences is suspended for 2019-20, and fall 2019 TAGs will not be available.

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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 21 Computers in Technology OR	(3)	NO COMPARABI	LE COURSE OR	
B) ENG CS 15 Intro to Computers	(4)	NO COMPARABI	LE COURSE	
OR			OR	
ENG CS 36A Programming	(4)	CISP 360	Introduction to	(4)
Formerly ENG CS 30			Structured Programming	
		OR		
		CISP 401	Object Oriented Programming with Java	(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.

ECON 1A	Princ of Microecon	(4)	ECON	304	Principles of	(3)
					Microeconomics	
ECON 1B	Princ of Macroecon	(4)	ECON	302	Principles of	(3)
			İ		Macroeconomics	

ANTHRO 2	Cultural Anthropology	(5)	ANTH 310	Cultural Anthropology	(3)
			<u>OK</u> ANTH 481 	Honors Cultural Anthropology	(3)
SCI&SOC 1	OR Critical Inquiry into Contemporary Issues	(4)	 NO COMPARABI 	OR LE COURSE	
ARTHI 1A	OR Ancient Mediterranean Art OR	(4)	 ARTH 304 	OR Ancient Art OR	(3)
ARTHI 1B	Mediev&Renaiss Art	(4)	ARTH 306 <u>&</u> ARTH 308	Medieval Art Renaissance Tradition in Art	(3)
ARTHI 1C	OR Baroque to Modern Art	(4)	<u> </u>	OR Renaissance Tradition in Art	(3)
	OR		ARTH 310	Modern Art OR	(3)
ARTHI 1D	-	(4)	ARTH 332		(3)
	ALL OF THE FO	OLLO	WING COURSES		
PHYSICS 1A	Principles Physics OR	(3)	NO COMPARABI	LE COURSE OR	
	Topics,Nonscientists	(4)		Conceptual Physics	
PSYCH 1	General Psychology	(4)	PSYC 300	General Principles	(3)
	Self and Society				
	Elementary Statistics : STATIST 13Y	(4)	<u> </u>	Introduction to Probability and Statistics	(4)
			<u>OR</u> STAT 480 	Introduction to Probability and Statistics - Honors	(4)
			<u>OR</u> ECON 310	Economic Statistics	(3)
	Style & Cult Std Textile Apparel Ind	(4) (4)	NO COMPARABI	LE COURSE LE COURSE	(3)
	Genl Chemistry				(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 400 <u>&</u>	General Chemistry I General Chemistry I General Chemistry II	(5)
			CHEM 401	General Chemistry II	(5)
CHEM 8B	Organic Chem-Brief Organic Chem-Brief	(4)	NO COMPARABI	LE COURSE	
			MATH 350 	Calculus for the Life and Social Sciences I	(3)
			<u>OR</u> MATH 400	Calculus I	(5)
k) CHEM 12	RESTRICTED ELECTIVES Business Law Genl Chemistry 8A Organic Chemistry 8B Organic Chemistry	(4) (5) (3)	NO COMPARABI CHEM 401 CHEM 420 CHEM 420 &	LE COURSE General Chemistry II Organic Chemistry I	(5) (5) (5) (5)
k) CHEM 12	8C Organic Chemistry	(3)			(5)

DESIGN 77	Intro to Fashion Design	(4)	NO CO	OMPARAB	LE COURSE	
MGMT 11A	Elem Accounting	(4)	ACCT	301	Financial Accounting	(4)
MGMT 11B	Elem Accounting	(4)	ACCT	311	Managerial Accounting	(4)
MATH 16B	Short Calculus	(3)	MATH	351	Calculus for the Life	(3)
					and Social Sciences II	
			OI	<u>R</u>		
			MATH	401	Calculus II	(5)
MATH 16C	Short Calculus	(3)	MATH	351	Calculus for the Life	(3)
					and Social Sciences II	
			OI	R		
			MATH	401	Calculus II	(5)
SOCIOL 25	Popular Culture	(4)	NO CO	OMPARAB	LE COURSE	
Foreign lanunits.	guage units may be used to	sat:	isfy a	any or	all of the required 16	

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.
- k) If a student takes CHEM 420,421 at Sacramento City College, credit will be given for UC Davis's CHEM 118A,B,C series OR the 128A,B,C,129A,B,C series, not both.

====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	Fundamentals of Act	(4)	TA 351 Theory a	and Te	chniques of (3)
				Acting 1		
DRAMART	40A	Beg Modern Dance	(2)	NO COURSE ARTICULA	ATED: (College has not
				submitted course(s	s)for a	articulation
DRAMART	40B	Int Modern Dance	(2)	NO COMPARABLE COUR	RSE	
DRAMART	42A	Beg Ballet	(2)	NO COURSE ARTICULA	ATED: (College has not
				submitted course(s	s)for a	articulation
DRAMART	42B	Inter Ballet	(2)	NO COMPARABLE COU	RSE	

ALL OF THE FOLLOWING COURSES:

	ALL OF THE FOLLO	WING COOKSES:
DRAMART 28	Stagecraft & Management (4)	NO COURSE ARTICULATED: College has not
		submitted course(s)for articulation
DRAMART 55	Cont Theatre Dance Perf (4)	NO COURSE ARTICULATED: College has not
		submitted course(s)for articulation
DRAMART 56A	Hist Theatre Dance I (4)	NO COURSE ARTICULATED: College has not
		submitted course(s)for articulation
DRAMART 56B	Hist Theatre Dance II (4)	NO COURSE ARTICULATED: College has not
		submited course(s)for articulation
DRAMART 56C	Hist Theatre Dance III (4)	NO COURSE ARTICULATED: College has not
		submited course(s)for articulation

END OF MAJOR

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

Special Advising Note:

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete

courses comparable to the following UC Davis courses with a GPA of at least 3.00 for the group. It is required that candidates have a cumulative GPA of at least 3.00 for courses in the group below that have been completed by the time of application and maintain the GPA through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

General Chemistry 2A/B/C Organic Chemistry 8A Mathematics 16A Physics 1A/B or 7A Biological Sciences 2A

It is strongly recommended that students complete courses comparable to the following UC Davis courses; if taken, the student must have a GPA of at least 3.00 for the entire group of courses listed above and below. Courses must be taken for a letter grade, with no grade less than C:

Organic Chemistry 8B Mathematics 16B Plant Sciences 2

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

The College of A&ES English Composition requirement for the Bachelor's degree is an element of the UC Davis General Education (GE) pattern. This GE requirement

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

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 $\underline{\text{General Catalog}}$. 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 OR	(5) BIOL 402 Cell and Molecular (5) Biology OR
PL SCI 2	Bot Physio Cul Plt	(4) NO COMPARABLE COURSE
CHEM 2A CHEM 2B	Genl Chemistry Genl Chemistry	(5) CHEM 400 General Chemistry I (5) (5) CHEM 400 & General Chemistry I (5) CHEM 401 General Chemistry II (5)
CHEM 2C	Genl Chemistry	(5) CHEM 401 General Chemistry II (5)
CHEM 8A CHEM 8B	Organic Chem-Brief Organic Chem-Brief	(2) NO COMPARABLE COURSE (4) NO COMPARABLE COURSE
PL SCI 21	Computers in Technology	(3) NO COMPARABLE COURSE

OR EQUIVALENT AND advisor APPROVAL

МАТН 16А	Short Calculus	(3)	MATH 350 	Calculus for the Life and Social Sciences I	(3)
			OR		
			MATH 400	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 351	Calculus for the Life	(3)
			İ	and Social Sciences II	
			OR		
			MATH 401	Calculus II	(5)

PHYSICS	1A	Principles	Physics	(3)	NO CO	OMPAF	RABL	E COURSI	Ξ	
		AND						ANI	ס	
PHYSICS	1B	Principles	Physics	(3)	NO CO	OMPAF	RABL	E COURSI	€	
		OR						OI	R	
PHYSICS	7A	General Phy	ysics	(4)	PHYS	350	&	General	Physics	(4)
					PHYS	360		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.

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 $\frac{\text{highly recommended}}{\text{Preparing well for}}$ that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

The College of A&ES English Composition requirement for the Bachelor's degree is

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

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

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

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

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

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

UWRITING 1	Expository Writing AND	(4)	ENGWF	300	College Composition AND	(3)
COMUNCN 1	Intro Public Spkg OR	(4)	COMM	301	Introduction to Public Speaking OR	(3)
COMUNCN 3	Intprsnl Com Cmpetnce OR	(4)	COMM	321	Interpersonal Communication OR	(3)
DRAMART 10	Intro To Acting	(4)	TA 34	12	Introduction to Acting	(3)
Note: Comple College requ	ting UWP 1 and Communicat irements.	ion :	TA 35 1 wil]		Theory and Techniques of Acting I multaneously satisfy the	(3)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL	402	Cell and Molecular Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL BIOL		_	(5) (5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life		BIOL BIOL 			(5) (5)
	enl Chemistry enl Chemistry				General Chemistry I & General Chemistry I	(5) (5)

CHEM 8A Organic Chem-Brief CHEM 8B Organic Chem-Brief	CHEM 401 General Chemistry II (5 (2) NO COMPARABLE COURSE (4) NO COMPARABLE COURSE	5)
MATH 16A Short Calculus	(3) MATH 350 Calculus for the Life (3 and Social Sciences I	3)
MATH 16B Short Calculus	!	5) 3)
	MATH 401 Calculus II (5	5)
PHYSICS 1A Principles Physics PHYSICS 1B Principles Physics		
ONE COURSE FROM THE FOLLOWI	VING (3-4 QUARTER UNITS):	
W&F BIO 50 Calif Wild Vertebrates W&F BIO 51 Intro to Conservation Biology	(3) NO COMPARABLE COURSE	
	LDLIFE HEALTH AREA OF SPECIALIZATION:	_ 、
	(5) CHEM 401 General Chemistry II (5) CHEM 425 Organic Chemistry with (4) Biological Emphasis I	,
	<u>OR</u>	
k) CHEM 118B Org Chem, Hlth & Sci	CHEM 420 Organic Chemistry I (5 (4) CHEM 425 & Organic Chemistry with (4	
	Biological Emphasis I CHEM 426 Organic Chemistry with (4	4 \
	Biological Emphasis II	I)
k) CHEM 118C Org Chem, Hlth & Sci	(4) CHEM 426 Organic Chemistry with (4) Biological Emphasis	5)
	OR CHEM 421 Organic Chemistry II (5	5)
PHYSICS 7A General Physics		4)
PHYSICS 7B General Physics	(4) PHYS 350 & General Physics (4)	4) 4)
PHYSICS 7C General Physics	(4) PHYS 350 & General Physics (4)	4) 4) 4)

k) If a student takes CHEM 420,421 at Sacramento City College, credit will be given for UC Davis's CHEM 118A,B,C series OR the 128A,B,C,129A,B,C series, not both.

====Worksheet UGA (ENG)====

IMPORTANT ADVISORY REGARDING THIS WORKSHEET

This worksheet serves as an administrative tool and should not be used to determine specific major preparation for UC Davis College of Engineering majors.

View the "By Major" section of ASSIST to best assess the requirements for your major of interest.

This worksheet provides a listing of lower-division preparatory courses required for certain College of Engineering majors and may be helpful in correlation with review of the College of Engineering Transfer Credit Agreements (engineering grids) available at http://engineering.ucdavis.edu/transfer-credit-agreements/

432 000	1007								
MATH 21	A Ca	lculus		(4)	MATH	400		Calculus I	(5)
MATH 21	 В Са	lculus		(4)	 MATH	401		Calculus II	(5)
MATH 210	C Ca	lculus		(4)	 MATH	402		Calculus III	(5)
MATH 21			/sis		•	402		Calculus III	(5)
MATH 22		near Algel			 MATH 	410		Introduction to Linear Algebra	(3)
MATH 221	B Di	fferntl E	quations	(3)	MATH	420		Differential Equations	(4)
CHEM 2A	Gen	l Chemist		(5)	CHEM	400		General Chemistry I	(5)
CHEM 2B	Gen	l Chemist	су	(5)				General Chemistry I General Chemistry II	(5) (5)
CHEM 2C	Gen	l Chemist	с. 	(5)	CHEM	401		General Chemistry II	(5)
CHEM 8A	Org	anic Chem-	-Brief	(2)	NO CO	OMPAI	RAB	LE COURSE	
CHEM 8B	Org	anic Chem-	-Brief	(4)	NO CO	OMPAI	RABI	LE COURSE	
k) CHEM	118A	Org Cher	n, Hlth & Sci	(4)	į			Organic Chemistry with Biological Emphasis I	(4)
					<u>OI</u> CHEM	_		Organic Chemistry I	(5)
k) CHEM	118B	Org Cher	n, Hlth & Sci	(4)	 CHEM CHEM 		<u>&</u>	Organic Chemistry with Biological Emphasis I Organic Chemistry with Biological Emphasis II	
					OI CHEM CHEM	420	_	Organic Chemistry I Organic Chemistry II	(5) (5)
k) CHEM	128A	Organic	Chemistry	(3)	CHEM	420		Organic Chemistry I	(5)
k) CHEM	128B	Organic	Chemistry	(3)				Organic Chemistry I Organic Chemistry II	(5)
		Organic		(2)	CHEM	420			(5)
				(5)	 PHYS	410	<u>&</u>	Mechanics of Solids and Fluids	(5)
					PHYS	420	<u>&</u>	Electricity and Magnetism	(5)
					 PHYS 	430		Heat, Waves, Light and Modern Physics	(5)
PHYSICS	9B	Classical	Physics	(5)	j		_	Mechanics of Solids and Fluids Electricity and Magnetism	(5)

			PHYS 	430	Heat, Waves, Light and (Modern Physics	5)
PHYSICS 9C	Classical Physics	(5)	 PHYS 	410 <u>&</u> 420 <u>&</u> 430	and Fluids Electricity and (Magnetism	5) 5) 5)
PHYSICS 9D	Modern Physics	(4)	NO C	OMPARAI	BLE COURSE	
BIMEDEN 20	Fundamentals of Bioengineering	(4)	NO C	OMPARAI	BLE COURSE	
ENGIN 4	Graphics in Design	(3)	ENGR	312	Engineering Graphics (3)
ENGIN 6	Engr Prob Solving	(4)	ENGR 	405	Engineering Problem (Solving	3)
ENGIN 17	Circuits I	(4)	 ENGR 	400	Introduction to (Electrical Circuits and Devices	3)
ENGIN 35	Statics	(4)	 ENGR 	422	Engineering Mechanics, (Statics	3)
ENGIN 45	Prop of Mats	(4)	ENGR	412	Properties of (Materials	3)
ENG CS 20	C Sci/Discrete Math	(4)	CISP 	440	Discrete Structures (for Computer Science	3)
	Programming ENG CS 30	(4)	CISP 	360 R		4)
			CISP	401	Object Oriented (Programming with Java	4)
Formerly	Object-Oriented Program ENG CS 40					4)
	Machine Dependent Prog	(4)	CISP 			4)
	Data Structures ENG CS 60	(4)	CISP 		Data Structures (
	Biosys Engr Fndts		NO C			
ENG BS 75	Prop Mat in Bio Sys				BLE COURSE	
ENG MEC 50	Mfg Processes	(4)	NO CO	OMPARAI	BLE COURSE	
	Material Balances		•		BLE COURSE	
ENG CHM 60	Engineering Problem Solv	(4)	NO C			
	Chem Engr Profession			OMPARAI	BLE COURSE	

ENG E&C	7	Prog & Microcontrollers	(4)	NO CC	URSE	ARTICULATED	
UWRITING	3 1	Expository Writing	(4)	ENGWF	300	College Composition	(3)
ENGLISH	3	Intro to Lit	(4)		301 OR	College Composition and Literature	(3)
				S ENGWF 		Argumentative Writing and Critical Thinking Through Literature	(4)
COMUNCN	1	Intro Public Spkg	(4)	COMM	301	Introduction to Public Speaking	(3)
COMUNCN	3	Intprsnl Com Cmpetnce	(4)	COMM	321	Interpersonal Communication	(3)
BIOLSCI	2A	Intro Biology:Life o	n (5)	BIOL 	402	Cell and Molecular Biology	(5)
BIOLSCI	2B	Intro Biology: Ecolo & Evolution				Plant Biology Animal Biology	(5) (5)
BIOLSCI	2C	Intro Biology: Biodiversity & the T of Life					(5) (5)
c) GEOLO)GY	50 Physical Geology	(3)	GEOL 	302	Physical Geology	(4)
ATM SCI	60	Intro to Atmospheric Science	(4)	NO CC	MPAR <i>I</i>	ABLE COURSE	

- k) If a student takes CHEM 420,421 at Sacramento City College, credit will be given for UC Davis's CHEM 118A,B,C series OR the 128A,B,C,129A,B,C series, not both.
- $_{
 m C})$ This course is not strictly comparable with UC Davis courses but will fulfill the introductory physical geology requirement for the geology major at UC Davis.
- j) If a student takes GEOL 302 at Sacramento City College, credit will be given for UC Davis's GEOLOGY 1 or 50+50L, not both.