To: UC Davis

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

ONE COURSE FROM THE FOLLOWING:

ANTHRO 2	Cultural Anthropology	(5)	ANTH 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)
PSYCH 1	General Psychology	(4)	Government: Foreign PSYC 300 General Principles (3) OR
			PSYC 480 Honors General (3) Principles
	ONE COURSE FR	OM T	HE FOLLOWING:
CHICANO 10	Intro to Chic Std	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
N A STD 1	Intro NA Studies	(4)	NO COMPARABLE COURSE
N A STD 10	NA Experience	(4)	NO COMPARABLE COURSE
AMR STD 10	Intro American Studies	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
A A STD 1	Hist Exp Asian Am		HIST 325 History of (3) Asian/Pacific Americans
A A STD 2	Contemp Issues of Asian Americans	(4)	HIST 325 History of (3) Asian/Pacific Americans
WOM STD 50	Intro Gender Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	TWO COURSES F	ROM '	THE FOLLOWING:
	7.5 1 1000	(4)	Life GOVERGE ADMICSTRATED
	A Africa to 1900		NO COURSE ARTICULATED
	B Africa Today A U.S. History		NO COURSE ARTICULATED HIST 310
			OR HIST 483 History of the United (3) States-Honors
HISTORY 17	B U.S. History	(4)	HIST 311 History of the United (3) States
			<u>OR</u> HIST 484 History of the United (3) States-Honors
	4 QUARTER UNITS	FRO	M THE FOLLOWING:
AF-AMST 51 DRAMART 41 DRAMART 44	B Inter Jazz Dance A Beg Hip Hop Dance (B Inter Hip Hop Dance ((4) (2) (2) (2-4) 2-4)	NO COMPARABLE COURSE DANCE 310

END OF MAJOR

====Agricultural & Environmental Education B.S.==== Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. See the UC Transfer Admission website for details. UC Davis requires that students

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

 ${\tt AP}$ and IB examination credit policies are detailed in the UC Davis 2018-19

HISTORY 17A	U.S. History	(4)	HIST 310 OR	History of the United States	(3)
	OR		<u>OR</u> HIST 483 	History of the United States-Honors OR	(3)
POL SCI 1	Amer Natl Govt	(4)	 	Introduction to Government: United States	(3)
			<u>OR</u> POLS 481 	Introduction to Government: United States-Honors	(3)
A M	INIMUM OF 8 QUARTER UNITS	FRO	M EACH OF T	THE FOLLOWING AREAS:	
	Domest Ani & People		•	ABLE COURSE	
	Intro Animal Sci				
	Livestock&Dairy Jdg Domestic Ani Prod				
ABIOSYT 16	Metal Prop & Fabr	(2)		ARTICULATED: College has course(s)for articulation	
ABIOSYT 49	Fld Equip Oper	(2)	NO COMPARA	ABLE COURSE	
ABIOSYT 52	Field Equip Welding	(2)	submitted	ARTICULATED: College has course(s)for articulatio	
AGRESEC 15	Pop,Envr,World Agri AND	(4)			
ECON 1A P	rinc of Microecon OR	(4)	ECON 304	Principles of Microeconomics OR	(3)
ECON 1B P	rinc of Macroecon	(4)	ECON 302		(3)
			 	Macroeconomics	
ENVHORT 1	•				
ENVHORT 6	Intro Environ Plants	(4)	HORT 305 	Plant Identification-Fall Selections	(3)
			<u>OR</u>		
			HORT 306 	Plant Identification-Spring Selections	(3)
n) PL SCI 5	Plants Gard, Orch & Land	(2)	HORT 305	Plant Identification-Fall	(3)
			OR	Selections	
			HORT 306	Plant Identification-Spring Selections	(3)
ENV S&P 10	Current Issues in Environment	(3)	NATR 300 	Introduction to Natural Resource Conservation and Policy	(4)

ENV S&P 10 not open for credit to students who have completed ENV S&P 1

ENV TOX 10 Intro Environ Toxicology HYDRO S 10 Water, Power, Society Same as: SCI&SOC 10	(3) NO COURSE ARTICULATED: College has not submitted course(s) for articulation(3) NO COURSE ARTICULATED: College has not submitted course(s) for articulation					
PL SCI 1 Agr Nature & Society PL SCI 2 Bot Physio Cul Plt PL SCI 15 Intro Sustainable Agriculture PL SCI 49 Org Crop Prod Prac VIT-ENO 2 Intro to Viticult VIT-ENO 3 Intro Winemaking	(3) NO COMPARABLE COURSE (4) NO COMPARABLE COURSE (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (3) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (2) NO COMPARABLE COURSE (3) NO COMPARABLE COURSE					
ALL OF THE	FOLLOWING COURSES:					
BIOLSCI 2A Intro Biology:Life on						
Earth g) BIOLSCI 2B Intro Biology: Ecology & Evolution						
	BIOL 415 Introduction to (5) Biology: Biodiversity, Evolution, and Ecology					
CHEM 2A Genl Chemistry CHEM 2B Genl Chemistry	(5) CHEM 400 General Chemistry (5) (5) CHEM 400 General Chemistry (5) CHEM 401 General Chemistry (5) General Chemistry (5)					
m) GEOLOGY 1 The Earth GEOLOGY 20 California Geology SOILSCI 10 Soils in Our Environment	(4) GEOL 300 Physical Geology (3) (2) GEOL 345 Geology of California (3) (3) HORT 302 Soils, Soil (3) Management, and Plant Nutrition					
MATH 16A Short Calculus MATH 16B Short Calculus	(3) MATH 400 Calculus I (5) (3) MATH 401 Calculus II (5)					
OR MATH 17A Calculus for BioSci	OR (4) MATH 355 Calculus for Biology (4)					
MATH 17B Calculus for Biosci OR	and Medicine I (4) MATH 356 Calculus for Biology (4) and Medicine II 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)					
PHYSICS 7B General Physics	PHYS 360 General Physics (4) (4) PHYS 350 & General Physics (4) PHYS 360 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

n) If a student takes HORT 305 or 306 at American River College, credit will be given either for UC Davis's ENVHORT 6 or PLT SCI 5, not both. UC

- Transfer Agreement states: HORT 305 and 306 combined maximum credit, one course.
- g) Students at American River College may take either all of BIOL 400 AND 410 AND 420 OR they may take BIOL 415 to receive credit for BIOLSCI 2B and BIOLSCI 2C at UC Davis,
- m) If a student takes GEOL 300 at American River College, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.

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

Special Advising Note:

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College Foreign Language Requirement Note:

Transfer students pursuing this major 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 COURSE ARTICULATED: College has not submitted course(s) for articulation

AMR STD 1A Science and Culture	d American (4)	NO COMPARAE 	BLE COURSE	
AMR STD 1B Relig in An			BLE COURSE	
AMR STD 1C American Li	ves (4)	NO COMPARAE	BLE COURSE	
AMR STD 1E Nat&Cult Am	nr (4)	NO COMPARAE	BLE COURSE	
AMR STD 5 Tech in Amr			BLE COURSE	
AMR STD 21 Objects & E	Everyday Life (4)		ARTICULATED: College has course(s) for articulation	
AMR STD 25 U.S. as Bus Culture	siness (4)		ARTICULATED: College has course(s) for articulation	
AMR STD 30 Amr Images	Pop Cult (4)	!	Sociology of Popular Culture	(3)
AMR STD 55 Food in Ame Same as: FD S&T 55	er Culture (4)	•	ARTICULATED: College has course(s) for articulation	
AMR STD 59 Music and A	American (4)		ARTICULATED: College has courses for articulation	not
C	ONE COURSE FROM T	HE FOLLOWING	; :	
AF-AMST 10 Af-Am Cultu		NO COMPARAE		
A A STD 1 Hist Exp Asi	an Am (4)	HIST 325 	History of Asian/Pacific	(3)
CHICANO 10 Intro to Ch	nic Std (4)	•	Americans ARTICULATED: College has	
N A STD 1 Intro NA Stu	adies (4)	submitted c NO COMPARAE	course(s) for articulation BLE COURSE	on
(ONE COURSE FROM T	HE FOLLOWING	}:	
ANTHRO 2 Cultural Anthr		ANTH 310 <u>OR</u>	Cultural Anthropology	(3)
		İ	Honors Cultural Anthropology	(3)
SOCIOL 2 Self and Soci WOM STD 50 Intro Gende			ARTICULATED: College has	
		· 	course(s) for articulation	on
C	ONE COURSE FROM T	HE FOLLOWING	; :	
HISTORY 17A U.S. Histo	ory (4)	HIST 310 OR	History of the United States	(3)
		<u>5x</u> HIST 483 	History of the United States-Honors	(3)
HISTORY 17B U.S. Histo	ory (4)	HIST 311	-	(3)
			States	
HIGHODY 702 Am Maria	Condo	OR HIST 484	History of the United States-Honors	(3)
HISTORY 72A Am Women & HISTORY 72B Am Women &	Gender (4) Gender (4)		History of the United States-Honors BLE COURSE	

ONE COURSE FROM THE FOLLOWING:

ENGLISH 3 Intr	ro to Lit	(4)	ENGWR		College Composition and Literature	(3)
			<u>OE</u> ENGWR 	_	Argumentative Writing and Critical Thinking Through Literature	(4)
			OI	2		
			ENGWR		Honors College Composition and Literature	(3)
	teratures in English To 1700	(4)	 ENGLT 	310		(3)
d) ENGLISH 10B	Literatures in English II:	(4)	ENGLT OF		English Literature II	(3)
	1700-1900		ENGLT	320	American Literature	(3)
d) ENGLISH 10C	Literatures in	(4)	!		English Literature II	(3)
	English III: 1900 to Present		<u>O</u> E ENGLT 	_	American Literature II	(3)
FILM ST 1 Intr	o to Film Studies	(4)	!)	Introduction to Film	(3)
			<u>OR</u> TA 312	2	History of Film	(3)

Formerly Humanities 10

END OF MAJOR

d) If a student takes ENGLT 311 at American River 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 <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.

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

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 $\underline{\text{General Catalog}}$. 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 400 Principles of Biology (5) Earth Intro Biology: (5) BIOL 400 $\underline{\mathbf{e}}$ Principles of Biology (5) g) BIOLSCI 2B Ecology & Evolution BIOL 410 & Principles of Botany BIOL 420 Principles of Zoology (5) OR BIOL 415 Introduction to (5) Biology: Biodiversity, Evolution, and Ecology g) BIOLSCI 2C Intro Biology: (5) BIOL 410 & Principles of Botany (5) Biodiversity & the BIOL 420 Principles of Zoology (5)

	Tree of Life		<u>O</u> 1 BIOL 	_	Introduction to Biology: Biodiversity, Evolution, and Ecology	(5)
CHEM 2A CHEM 2B	Genl Chemistry Genl Chemistry	(5)	CHEM	400 <u>&</u> 401	General Chemistry General Chemistry General Chemistry	(5) (5) (5)
CHEM 2C	Genl Chemistry	(5)	Снем 	401 	General Chemistry	(5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM	423	Organic Chemistry - Short Survey	(5)
CHEM 8B	Organic Chem-Brief OR	(4)	CHEM	423	Organic Chemistry - Short Survey OR	(5)
CHEM 118A	Org Chem, Hlth & Sci			420	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci		CHEM CHEM 	420 <u>&</u> 421	Organic Chemistry Organic Chemistry	(5) (5)
MATH 16A	Short Calculus		!	400	Calculus I	(5)
MATH 16B MATH 16C	Short Calculus Short Calculus		MATH MATH	401	Calculus II Calculus II	(5) (5)
MAIII 10C	OR	(3)		101	OR	(3)
MATH 17A	Calculus for BioSci	(4)	MATH	355	Calculus for Biology and Medicine I	(4)
MATH 17B	Calculus for Biosci	(4)	 MATH 	356	Calculus for Biology and Medicine II	(4)
MATH 17C	Calculus for BioSci	(4)	MATH	356	Calculus for Biology	(4)
	OR				and Medicine II OR	
MATH 21A	Calculus		MATH		Calculus I	(5)
MATH 21B MATH 21C	Calculus Calculus		MATH MATH		Calculus II	(5)
MATH ZIC	Calculus 	(4)		402 	Calculus III	(5)
PHYSICS 7A	General Physics	(4)	:	350 <u>&</u> 360	General Physics General Physics	(4) (4)
PHYSICS 7B	General Physics		PHYS	350 <u>&</u>	General Physics	(4)
PHYSICS 7C	General Physics			360 s	General Physics General Physics	(4) (4)
PHISICS /C	General Physics	(4)			General Physics	(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					
STATIST 13	Elementary Statistics	(4)	 PSYC	 330	Introductory	(3)
	STATIST 13Y	. ,			Statistics for the	. ,
			 OI	R	Behavioral Sciences	
			STAT		Introduction to Probability and Statistics	(4)
AN BIOL 50A	A Animal Biol Lab	(2)	NO C	OMPARAE	LE COURSE	
AN BIOL 50E	B Animal Biology	(3)	NO CO	OMPARAE	BLE COURSE	
AN BIOL 500	C Animal Biology	(3)	NO C	OMPARAE	BLE COURSE	

g) Students at American River College may take either all of BIOL 400 AND 410 AND 420 OR they may take BIOL 415 to receive credit for BIOLSCI 2B and BIOLSCI 2C at UC Davis,

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

Special Advising Note:

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

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

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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:

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

	Domest Ani & People Intro Animal Sci	1) NO COMPARABLE COURSE 1) NO COMPARABLE COURSE	
BIOLSCI 2A	Intro Biology:Life on Earth	5) BIOL 400 Principles of	Biology (5)
g) BIOLSCI	2B Intro Biology: Ecology & Evolution	BIOL 400 & Principles of 1 BIOL 410 & Principles of 1 BIOL 420 Principles of 1 OR	Botany (5)
		BIOL 415 Introduction to Biology: Biodic Evolution, and Ecology	versity,
g) BIOLSCI	2C Intro Biology: Biodiversity & the Tree of Life	5) BIOL 410 & Principles of BIOL 420 Principles of BOR	-
	1100 01 1110	BIOL 415 Introduction to Biology: Biodic Evolution, and Ecology	versity,
	Genl Chemistry Genl Chemistry	5) CHEM 400 General Chemis 5) CHEM 400 & General Chemis CHEM 401 General Chemis	try (5)
CHEM 8A	Organic Chem-Brief	2) CHEM 423 Organic Chemis Short Survey	try - (5)
CHEM 8B	Organic Chem-Brief	1) CHEM 423 Organic Chemis Short Survey	try - (5)
PL SCI 21	Computers in Technology OR	3) NO COMPARABLE COURSE OR	
B) ENG CS	~	4) CISC 310 Introduction to Computer Inform	

ハいいいいせん 10	Business Law	(4)	IBUS 3	3 4 U	Business Law	(3)
ACDECTS 10	RESTRICTED E					()
	Intro Poultry Sci		•		ABLE COURSE	
	POULTR	Y SPECI				
			submi	Ltted	ABLE COURSE ARTICULATED: College has course(s)for articulatio	not
	LIVESTO		IALIZA	ATION	·	
	Intro Horse Husb		NO CO)MPAR <i>P</i>	ABLE COURSE	
		SPECIA				
AN SCI 41L	Domestic Ani Prod Domest An Prod Lab	(2)	NO CO	OURSE Ltted	ABLE COURSE ARTICULATED: College has course(s)for articulatio	not
	DAIRY S	SPECIAL	IZATIO	ON .		
AN SCI 42	Intro Comp Ani Bio	(4)	NO CC)MPAR <i>P</i>	ABLE COURSE	
	COMPANIO					
AN COT 10	Intro Aquaculture					
	AREAS OF				ATION	
			MAIH		carcurus III	
MATH 21A MATH 21B MATH 21C	Calculus	(4)	МАТН	401		(5)
MATH 21A	OR Calculus	(4)	 МЛТЦ	400	and Medicine II OR Calculus I	(5
MATH 17C	Calculus for BioSci	(4)	MATH	356	51	(4)
MATH 17B	Calculus for Biosci	(4)	MATH	356	51	(4)
MATH 17A	OR Calculus for BioSci	(4)	 MATH	355		(4
MATH 16B MATH 16C	Short Calculus Short Calculus	(3)	MATH		Calculus II Calculus II	(5 (5
MATH 16A	Short Calculus	(3)	MATH	400	Calculus I	(5
MGMT 11B	Elem Accounting Elem Accounting	(4)		311	Financial Accounting Managerial Accounting	(4
			 		Macroeconomics	
		(4)			Microeconomics	(3)
 FCON 17	Princ of Microecon	(4)	 Iecon	304	Principles of	(3

- g) Students at American River College may take either all of BIOL 400 AND 410 AND 420 OR they may take BIOL 415 to receive credit for BIOLSCI 2B and BIOLSCI 2C at UC Davis,
- B) UCD ENG CS 15 not intended for Computer Science or Computer Science Engineering majors. Only two units of credit allowed to students who have completed PLT SCI 21.

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

Special Advising Note:

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

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

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

AN SCI 1 AN SCI 2 AN SCI 41 AN SCI 41L	Domest Ani & People Intro Animal Sci Domestic Ani Prod Domest An Prod Lab	(4) (2)		LE COURSE	
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	 BIOL 400	Principles of Biology	(5)
g) BIOLSCI		(5)	BIOL 400 & BIOL 410 & BIOL 420 OR	Principles of Biology Principles of Botany Principles of Zoology	(5) (5) (5)
			<u>OK</u> BIOL 415 	Introduction to Biology: Biodiversity, Evolution, and Ecology	(5)
g) BIOLSCI	2C Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 410 & BIOL 420 OR		(5) (5)
	TICE OF BITE		<u>5k</u> BIOL 415 	Introduction to Biology: Biodiversity, Evolution, and Ecology	(5)
	Genl Chemistry Genl Chemistry		CHEM 400 CHEM 400 & CHEM 401	General Chemistry General Chemistry General Chemistry	(5) (5) (5)
CHEM 8A	Organic Chem-Brief	(2)	 CHEM 423	Organic Chemistry - Short Survey	(5)
CHEM 8B	Organic Chem-Brief OR	(4)	 CHEM 423 	Organic Chemistry - Short Survey OR	(5)
CHEM 118A CHEM 118B	Org Chem, Hlth & Sci Org Chem, Hlth & Sci		CHEM 420 CHEM 420 <u>&</u> CHEM 421	Organic Chemistry Organic Chemistry Organic Chemistry	(5) (5) (5)

MATH 16A			 MATH 400	Calculus I	(5)
МАТН 16В	Short Calculus			Calculus II	(5)
MA COLL 172	OR Calculus for BioSci	(4)	 NA EST 2 F F	OR Calculus for Biology	(4)
MATH 1/A	Calculus for BloSci	(4)	MATH 355	and Medicine I	(4)
MATH 17B	Calculus for Biosci	(4)	 MATH 356		(4)
			į	and Medicine II	
MA TOTAL 0.1 A	OR	(4)		OR	(-)
MATH 21A	Calculus Calculus	(4) (4)	MATH 400 MATH 401	Calculus I Calculus II	(5) (5)
	AREAS O	F SPECI.	ALIZATION:		
			_		
	AQUA	ATIC AN	IMALS		
AN SCI 18	Intro Aquaculture	(4)	NO COMPARA	BLE COURSE	
	AVIA	N SCIEN	CES		
	Birds,Humans & Env				
	COMPANION A	AND CAP	TIVE ANIMAL	ıs	
AN SCI 42	Intro Comp Ani Bio			BLE COURSE	
	EQUI	NE SCIE	NCE		
AN SCI 15	Intro Horse Husb	(3)	NO COMPARA	BLE COURSE	
	LABORA	ATORY A	NIMALS		
AN SCI 42	Intro Comp Ani Bio	(4)	NO COMPARA	BLE COURSE	
	PC	OULTRY			
AV SCI 11	Intro Poultry Sci	(3)	NO COMPARA	BLE COURSE	

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

END OF MAJOR

g) Students at American River College may take either all of BIOL 400 AND 410 AND 420 OR they may take BIOL 415 to receive credit for BIOLSCI 2B and BIOLSCI 2C at UC Davis,

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

Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <u>transfer admission website</u>. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to

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

Transfer Admission Guarantee (TAG) Note:

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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:

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	EVOLUTIO	NARY	EMPH#	ASIS:		
ANTHRO 1	Human Evol Biol	(4)	ANTH	300	Physical Anthropology	(3)
			OF	<u> </u>		
			ANTH	480	Honors Physical	(3)
					Anthropology	
ANTHRO 2	Cultural Anthropology	(5)	ANTH	310	Cultural Anthropology	(3)
			OF	<u>R</u>		
			ANTH	481	Honors Cultural	(3)
					Anthropology	
f) ANTHRO	3 Intr to Archaeology	(4)	ANTH	320	Introduction to	(3)
					Archaeology and World	
					Prehistory	

ONE COURSE FROM THE FOLLOWING:

ANTHRO 15	Human Life Cycle	(5)	PSYC 370	Human Development: A (3)
				Life Span
f) ANTHRO 23	Intr World Prehist	(4)	ANTH 320	Introduction to (3)
				Archaeology and World
			İ	Prehistory
ANTHRO 24	Ancient Crops and People	(4)	NO COURSE	ARTICULATED: College has not
			submitted	course(s) for articulation
ANTHRO 50	Evolution and Human	(4)	NO COURSE	ARTICULATED: College has not

ANTHRO 54	Nature Intro to Primatology	(4)	NO COURSE	course(s)for articulation ARTICULATED: College has course(s)for articulation	not
	ONE COURSE F	ROM T	HE FOLLOWIN		
ANTHRO 13 SOCIOL 46B	Sci Method in Physical Anthropology Intro Social Rsch		submitted	ARTICULATED: College has course(s) for articulati ABLE COURSE	
STATIST 13			PSYC 330		(3)
			<u>OR</u> STAT 300 	Introduction to Probability and Statistics	(4)
STATIST 32	Gateway to Data Science		NO COMPAR <i>i</i> AL EMPHASI :	ABLE COURSE	
ANTHRO 2	Cultural Anthropology		ANTH 310	Cultural Anthropology	(3)
			ANTH 481	Honors Cultural Anthropology	(3)
	TWO COURSES 1	FROM '	THE FOLLOW	ING:	
ANTHRO 1	Human Evol Biol	(4)	ANTH 300	Physical Anthropology	(3)
			ANTH 480	Honors Physical Anthropology	(3)
f) ANTHRO 3	Intr to Archaeology	(4)	ANTH 320 	Introduction to Archaeology and World Prehistory	(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)	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
ANTHRO 32	Drugs, Science and	(4)	NO COURSE	ARTICULATED: College has not
	Culture		submitted	course(s) for articulation
Same as:	SCI&TEC 32			
ANTHRO 34	Cultures of Consumerism	(4)		ARTICULATED: College has not
			submitted	course(s) for articulation
END OF MAJOR	₹			

 ${\rm f}\,{\rm)}$ If a student takes ANTH 320 at American River College, credit will be given for UC Davis's ANTHRO 3 or 23, not both.

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

Special Advising Note:

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

<u>highly recommended</u> 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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			ANTH 480	Honors Physical Anthropology	(3)
ANTHRO 2 Cu	ltural Anthropology	(5)	ANTH 310	Cultural Anthropology	(3)
			ANTH 481	Honors Cultural Anthropology	(3)
f) ANTHRO 3	Intr to Archaeology	(4)	ANTH 320 	Introduction to Archaeology and World Prehistory	(3)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 400 	Principles of Biology	(5)
g) BIOLSCI 2B	Intro Biology:	/ E \	DT01 400 -	n ' ' 1	
	Ecology & Evolution	(3)	BIOL 400 & BIOL 410 & BIOL 420 OR	Principles of Biology Principles of Botany Principles of Zoology	(5) (5) (5)
	Ecology & Evolution	(5)	BIOL 410 &	Principles of Botany	(5)

		Biodiversity & the Tree of Life		BIOL OI		Principles of Zoology	(5)
		Tiee of Hile		<u>or</u> BIOL 	_	Introduction to Biology: Biodiversity, Evolution, and Ecology	(5)
CHEM	2A	Genl Chemistry	(5)	 CHEM	400	General Chemistry	(5)
CHEM		Genl Chemistry		1		General Chemistry	(5)
				CHEM	401	-	(5)
CHEM	8A	Organic Chem-Brief	(2)	 CHEM 	423	Short Survey	(5)
CHEM	8B	Organic Chem-Brief	(4)	CHEM	423	Organic Chemistry -	(5)
		OR				Short Survey OR	
CHEM	118A	Org Chem, Hlth & Sci	(4)	 CHEM	420		(5)
CHEM		Org Chem, Hlth & Sci			420 &		(5)
				CHEM	421	Organic Chemistry	(5)
MATH	 16∆	Short Calculus	(3)	 MATH	 400	Calculus I	(5)
MATH		Short Calculus		MATH		Calculus II	(5)
MATH	16C	Short Calculus		MATH		Calculus II	(5)
		OR		į		OR	
MATH	17A	Calculus for BioSci	(4)	MATH 	355	Calculus for Biology and Medicine I	(4)
MATH	17B	Calculus for Biosci	(4)	MATH	356	Calculus for Biology and Medicine II	(4)
MATH	17C	Calculus for BioSci	(4)	 MATH 	356	Calculus for Biology and Medicine II	(4)
		OR		İ		OR	
MATH		Calculus			400		(5)
MATH	21B	Calculus			401		(5)
MATH	21C	Calculus	(4) 	MATH 	402 	Calculus III	(5)
		ONE COURSE F	ROM T	HE FOI	LLOWIN	IG:	
ANTHE	0 13	Sci Method in Physical	(4)	INO CO	אווספד	ARTICULATED: College has	not
111111	.0 13	Anthropology	(1)			course(s) for articulati	
SOCIO	L 46B	Intro Social Rsch	(5)			ABLE COURSE	
	ST 13	Elementary Statistics	(4)	PSYC	330	Introductory	(3)
Sa	ame as:	STATIST 13Y				Statistics for the Behavioral Sciences	
				<u>01</u> STAT	_	Introduction to	(1)
				SIAT	300	Probability and Statistics	(4)
STATI	ST 32	Gateway to Data Science	(4)	NO CO	OMPARA	ABLE COURSE	

END OF MAJOR

- ${\tt f}$) If a student takes ANTH 320 at American River College, credit will be given for UC Davis's ANTHRO 3 or 23, not both.
- g) Students at American River College may take either all of BIOL 400 AND 410 AND 420 OR they may take BIOL 415 to receive credit for BIOLSCI 2B and BIOLSCI 2C at UC Davis,

====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

<u>highly recommended</u> 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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Recommended Language Preparation Note:

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

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MATH 21A Calculus (4) | MATH 400 Calculus I (5)

MATH ZIA	Calculus	(4)	MATH 4	ŧUU	Calculus	1	(5)
MATH 21B	Calculus	(4)	MATH 4	101	Calculus	II	(5)
MATH 21C	Calculus	(4)	MATH 4	102	Calculus	III	(5)
MATH 21D	Vector Analysis	(4)	MATH 4	102	Calculus	III	(5)
MATH 22B	Differntl Equations	(3)	МАТН 4	120	Different	ial Equati	ons (4)
MATH 22AL	Lin Alg Comp Lab	(1)	NO COU	JRSE	ARTICULATED	: College	has not
			submit	ted	course(s)fo	r articula	tion

or equivalent basic knowledge of MATLAB. BOTH OF THE FOLLOWING COURSES:

MATH 22A	Linear Algebra	(3)	MATH	410	Introduction to Linear (3)
			ĺ		Algebra
	AND		İ		AND
MATH 108	Intro Abstract Math	(4)	This	course	must be taken at UC Davis

OR SELECT THE FOLLOWING 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).

Formerly ENG CS 10

ENG CS 32A Intro to Programming(4) NO COURSE ARTICULATED: College has not |submitted course(s) for articulation

ENGIN 6 Engr Prob Solving (4) NO COMPARABLE COURSE

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

STUDENTS W	VILL NEED TO CHOOSE ON	E OF	THE E	FOLLOW	ING TWO-COURSE SEQUENCES	:
	ntro Biology:Life on	(5)	BIOL	400	Principles of Biology	(5)
g) BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL	400 <u>&</u> 410 <u>&</u> 420	1 31	(5) (5) (5)
			<u>OF</u> BIOL 	_	Introduction to Biology: Biodiversity, Evolution, and Ecology	(5)
	OR			400	OR	>
	Chemistry	/	CHEM		General Chemistry	(5)
CHEM 2B Genl	Chemistry	(5)	!	400 <u>&</u>	-	(5)
			CHEM	401	General Chemistry	(5)
	OR				OR	
ECON 1A Princ	of Microecon	(4)	ECON 	304	Principles of Microeconomics	(3)
ECON 1B Princ	of Macroecon	(4)	ECON	302	Principles of	(3)
	OR		j I		Macroeconomics OR	
PHYSICS 9A Cl	assical Physics	(5)	PHYS	410	Mechanics of Solids and Fluids	(5)
PHYSICS 9B Cl	assical Physics	(5)	PHYS	431	Heat, Waves, Light and Modern Physics	(4)
	OR		ĺ		OR	
STATIST 32 Gate	eway to Data Science	(4)	NO CO	OMPARA	BLE COURSE	
	applied Stats for Bio Sci	(4)	This	cours	e must be taken at UC Dav	vis

OR

OTHER APPROVED APPLIED PREPARATORY COURSES

END OF MAJOR

g) Students at American River College may take either all of BIOL 400 AND 410 AND 420 OR they may take BIOL 415 to receive credit for BIOLSCI 2B and BIOLSCI 2C at UC Davis,

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

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

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

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

avallable I	rom our TAG website.				
PHYSICS 9A	Classical Physics	(5)	•	Mechanics of Solids and Fluids	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS 431		(4)
PHYSICS 9C	Classical Physics	(5)			(4)
PHYSICS 9D	Modern Physics OR	(4)	NO COMPARAB	_	
PHYSICS 9HA		(5)	NO COMPARAB		
PHYSICS 9HB			NO COMPARAB		
PHYSICS 9HC			NO COMPARAB		
	Honors Physics				
	Honors Physics		NO COMPARAB		
MATH 21A	Calculus			Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 401	Calculus II	(5)
MATH 21C	Calculus Vector Analysis Linear Algebra	(4)	MATH 402	Calculus III Calculus III Introduction to Linear	(5)
MATH 21D	Vector Analysis	(4)	MATH 402	Calculus III	(5)
MATH 22A	Linear Algebra	(3)	MATH 410		(3)
	7166 7	(2)		Algebra	(4)
MATH 22B	Differntl Equations	(3)	MATH 420	Differential Equations	(4)
	ATMOSPHERIC PH	YSIC	S CONCENTRAT	ION	
PHYSICS 40	Intr Physics Computation				
	CUEMICAL DU		S CONCENTRAT		
спем эл					(5)
	Genl Chemistry	(5)	CHEM 400 &	General Chemistry General Chemistry General Chemistry	(5)
CHER ZD	deni enemisery	(3)	CHEM 401	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 401	General Chemistry	(5)
	Intr Physics Computation				(3)
	COMPUTATIONAL	PHY	SICS CONCENT	RATION	
ENG CS 36A	Programming	(4)	CISP 300	Algorithm	(3)
Formerly	ENG CS 30			Design/Problem Solving	
			OR OR		
			CISP 360	Introduction to	(4)
			05	Structured Programming	
			<u>OR</u>		<i>(</i> - <i>)</i>
			CISP 480	Honors Introduction to	(5)
			 	Structured	
EMG GG 3CD	Object Oniont - J Berry	(4)	 atap 400	Programming	(1)
ENG CS 36B	_	(4)	CISP 400	Object Oriented	(4)
rormerly	ENG CS 40		l OB	Programming with C++	
			<u>OR</u> CISP 401	Object Oriented	(4)
			CIDE ANT	Programming with Java	(+)
			1	rrogramming with bava	

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GEOPHYSICS CONCENTRATION

PHYSICS 40 Intr Physics Computation (4) NO COURSE ARTICULATED

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

 	 	 (- / - · ·	 	

	PH	HYSICAL ELECTRO	NICS	CONCEN	ITRATION	
ENGIN 17	Circuits I	(4)	ENGR	R 401	Introduction to	(4)
			ĺ		Electrical Circuits	
			İ		and Devices	
PHYSICS 40	Intr Physics Co	computation (4)	NO C	COURSE	ARTICULATED	
PHYSICS 80	Experimental Te	echniques (4)	NO C	COURSE	ARTICULATED	
			İ			
	PHYS	SICAL OCEANOGRA	PHY C	CONCENT	RATION	
PHYSICS 40	Intr Physics Co	omputation (4)	NO C	COURSE	ARTICULATED	

END OF MAJOR

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

Special Advising Note:

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Transfer Admission Guarantee (TAG) Note:

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

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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

	FOUR COURSES F	ROM '	THE FOLLOW	 ING:	
ARTHI 1A	Ancient Mediterranean Art	(4)	ARTH 302		(3)
				the Middle Ages	
			<u>OR</u>		
			ARTH 322	-	(3)
				Non-Western World	
ARTHI 1B	Mediev&Renaiss Art	(4)	ARTH 308	Renaissance Tradition	(3)
				in Art	
ARTHI 1C	Baroque to Modern Art	(4)	ARTH 310	Modern Art	(3)
			<u>OR</u>		
			ARTH 334		(3)
			ļ	Contemporary Art	
ARTHI 1D				ABLE COURSE	
ARTHI 1E		(4)	ARTH 333	Introduction to	(3)
	Architecture	(4)		Islamic Art	
	Visual Culture		•	ABLE COURSE	
ARTHI 25	Understanding	(4)	NO COMPARA	ABLE COURSE	
	Architecture		 		
	ONE ART STU	DIO (COURSE FROM	M:	
a) ART 2	Beginning Drawing	(4)	ART 300	Drawing and Composition	(3)
1,	3 3 3	` ,		I	(- /
ART 5	Beginning Sculpture	(4)	ART 372	Sculpture	(3)
			OR	_	
			ART 373		(3)
ART 7	Beginning Painting	(4)	ART 327	Painting I	(3)
ART 8	Beginning Ceramic Sculpture	(4)	ART 390	Ceramics	(3)
			OR		
				Intermediate Ceramics	(3)
ART 9				Basic Art Photography	(3)
ART 11	Beginning Printmaking		1	ABLE COURSE	
ART 12	Beginning Video	(4)	1	ARTICULATED: College has	
			!	course(s) for articulation	
ART 24	Intro Experimental Video	(4)	NO COURSE	ARTICULATED: College has	not

END OF MAJOR

 ${
m q})$ If a student takes ART 300 at American River College, credit will be given for UC Davis's ART 2 or DESIGN 14, not both.

|submitted course(s) for articulation

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

Special Advising Note:

and Film

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

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

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

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

information.

Transfer students pursuing this major 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.

	FOUR COURSES FI	ROM '	THE F	OLLOW	ING:	
q) ART 2	Beginning Drawing	(4)	ART	300	Drawing and Composition	(3)
ART 5	Beginning Sculpture	(4)	ART	372 OR	Sculpture	(3)
			ART	373	Intermediate Sculpture	(3)
ART 7	Beginning Painting	(4)	ART	327	Painting I	(3)
ART 8	Beginning Ceramic Sculpture	(4)	ART	390 DR	Ceramics	(3)
				391	Intermediate Ceramics	(3)
ART 9	Beginning Photography	(4)	ARTE	ЭН 300	Basic Art Photography	. ,
ART 11	Beginning Printmaking		!		ABLE COURSE	. ,
ART 12	Beginning Video	(4)	NO C	COURSE	ARTICULATED: College has	not
			subm	nitted	course(s) for articulation	on
	TWO LECTURE COURSES CHO	OSEN	FROM	I THE E	FOLLOWING:	
ART 24	Intro Experimental Video	(4)	NO C	COURSE	ARTICULATED: College has	not
	and Film		subm	nitted	<pre>course(s) for articulatio</pre>	on
ART 30	Contemp Vis Culture	(4)	NO C	COMPARA	ABLE COURSE	
ARTHI 1A	Ancient Mediterranean Art	(4)	ARTH	I 302	Art: Stone Age through	(3)
					the Middle Ages	
			· -	<u>DR</u>		
			ARTE	H 322	Art History of the Non-Western World	(3)
ARTHI 1B	Mediev&Renaiss Art	(4)	 ARTH	308 H	Renaissance Tradition in Art	(3)
ARTHI 1C	Baroque to Modern Art	(4)	!	1 310	Modern Art	(3)
			! -	<u>DR</u> I 334	International	(3)
					Contemporary Art	
ARTHI 1D	Arts of Asia	(4)	NO C	COMPARA	ABLE COURSE	

ARTHI 1E	Islamic Art &	(4)	ART	'H 333 II	ntroduction	to	(3)
	Architecture			I	slamic Art		
ARTHI 5	Visual Culture	(4)	NO	COMPARABLE	COURSE		
ARTHI 25	Understanding	(4)	NO	COMPARABLE	COURSE		
	Architecture		ĺ				
END OF MAJ	or .		•				

 $\mathbf{q})$ If a student takes ART 300 at American River College, credit will be given for UC Davis's ART 2 or DESIGN 14, not both.

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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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				Asian/Pacific Americans
A A STD	2	Contemp Issues of Asian Americans	(4)	HIST 325 History of (3) Asian/Pacific Americans
A A STD	3	Social & Psychological Perspectives of Asian Americans	(4)	!
A A STD	4	Asian Amer Cultural		 NO COURSE ARTICULATED: College has not submitted course(s) for articulation
		AT LEAST TWO COURSES FF	ROM '	THE FOLLOWING:
AF-AMST	10	Af-Am Culture & Soc	(4)	NO COMPARABLE COURSE
AF-AMST	12	Intro Afro Studies		
AF-AMST	15	Intro Afro Amer Hum		
AF-AMST		African Verbal Arts	(4)	NO COMPARABLE COURSE
AF-AMST				NO COMPARABLE COURSE
AF-AMST	18	Intro Caribbean Studies	(4)	NO COURSE ARTICULATED: College has not
_				submitted course(s) for articulation
AF-AMST		Blk Images Pop Cult		
AF-AMST		History Af-Amr Dance		
AF-AMST		Afr Tradit Relig		
AF-AMST				NO COMPARABLE COURSE
AMR STD		Science and American Culture		
AMR STD		2	(4)	NO COMPARABLE COURSE
AMR STD				NO COMPARABLE COURSE
AMR STD		Tech in Amr Lives	(4)	NO COMPARABLE COURSE
AMR STD				NO COURSE ARTICULATED: College has not
AMK SID	10	Intro American Studies	(+)	submitted course(s) for articulation
AMR STD	21	Objects & Everyday Life	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AMR STD	25		(4)	NO COURSE ARTICULATED: College has not
AMR STD	30	Culture Amr Images Pop Cult	(4)	submitted course(s) for articulation SOC 350
		5 1	. ,	Culture
AMR STD			(4)	NO COURSE ARTICULATED: College has not
Same	as:	FD S&T 55		submitted course(s) for articulation
AMR STD	59	Music and American Culture	(4)	NO COURSE ARTICULATED: College has not submitted courses for articulation
CHICANO	10	Intro to Chic Std	(4)	NO COURSE ARTICULATED: College has not
			, ,	submitted course(s) for articulation
CHICANO	21	Hlth Care Issues	(4)	NO COURSE ARTICULATED: College has not
a a	2.0		(4)	submitted course(s) for articulation
CHICANO	30	US Poli & Chicanos	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHICANO	40	Comparative Health	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHICANO	50	Chicano Culture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHICANO	60	Chicana and Chicano	(4)	NO COURSE ARTICULATED: College has not
		Representn in Cinema	. ,	submitted course(s) for articulation
CHICANO	65	New Latin American	(4)	NO COURSE ARTICULATED: College has not
CHICANO	70	Cinema Survey Chic Art	(4)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not
ATT = 0 =		2	/ A \	submitted course(s) for articulation
CHICANO	13	Art Expr Silk Scr	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
N A STD	1	Intro NA Studies	(4)	NO COMPARABLE COURSE
N A STD		Intro NA Literature		ENGLT 338 Native American (3)
., ., ., .,	5	IIIII III IIIII III	(- /	Literature (3)

N A STD 7	Indig & Minority Langs	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
N A STD 10	NA Experience	(4)	NO COMPARABLE COURSE
N A STD 12	Native Amer/Indigenous		NO COURSE ARTICULATED: College has not
	Film	(- /	submitted course(s)for articulation
N A STD 32	NA Music & Dance	(4)	NO COMPARABLE COURSE
N A STD 33	Intro NA Art	٠,	NO COMPARABLE COURSE
N A STD 33	NA Art Workshop		NO COMPARABLE COURSE
	Cult Repr of Gndr	٠,	NO COURSE ARTICULATED: College has not
WOM STD 20	cuit kepi oi Gilai	(4)	-
	a 1 - a1 1 1 a'	(4)	submitted course(s) for articulation
WOM STD 25	Gender & Global Cinema	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
WOM STD 50	Intro Gender Studies	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
WOM STD 60	Feminist Critiques	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
WOM STD 70	Sexual:Thry&Hist	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
AT I	EAST TWO COURSES FROM THE	FOL	LOWING METHODS COURSES:
ANTHRO 13	Sci Method in Physical	(4)	NO COURSE ARTICULATED: College has not
	Anthropology		submitted course(s) for articulation
ARTHI 5 V	isual Culture	(4)	NO COMPARABLE COURSE
	Art Appreciation	. ,	ARTH 300 Introduction to Art (3)
	ontemp Vis Culture	٠,	NO COMPARABLE COURSE
CHICANO 23	Qualitative Research		NO COURSE ARTICULATED: College has not
CIIICANO 23	Methods	(1)	submitted course(s) for articulation
ENGLISH 42	Approaches to Reading	(1)	NO COMPARABLE COURSE
	Critical Reasoning		PHIL 320 Logic and Critical (3)
PHILOS 5	Critical Reasoning	(4)	
N. N. CEED. 4.C		(4)	Reasoning
N A STD 46	Orientation to Research	(4)	NO COMPARABLE COURSE
	in NAS		
POL SCI 51	Scientific Study of	(4)	NO COURSE ARTICULATED: College has not
	Politics		submitted course(s) for articulation
PSYCH 41	Research Methods	(4)	PSYC 335 Research Methods in (3)
			Psychology
SOCIOL 46A	Intro Social Rsch	(4)	NO COMPARABLE COURSE
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE
STATIST 13	Elementary Statistics	(4)	PSYC 330 Introductory (3)
Same as:	STATIST 13Y		Statistics for the
			Behavioral Sciences
			OR
			STAT 300 Introduction to (4)
			Probability and
			Statistics

END OF MAJOR

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

Special Advising Note:

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

PL SCI 2	Bot Physio Cul	Plt (4)	NO C	OMPARAE	BLE COURSE	
CHEM 2A CHEM 2B	Genl Chemistry Genl Chemistry	(5) (5)	CHEM	400 400 <u>&</u> 401	General Chemistry	(5) (5) (5)
	Programming y ENG CS 30	(4)	CISP OI		Algorithm Design/Problem Solving	(3)
			CISP	360	Introduction to Structured Programming	(4)
			CISP 	_	Honors Introduction to Structured Programming	(5)

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 Algebra	(3)
MATH 22B	Differntl Equations	(3)	MATH	420	Differential Equations	(4)
ATM SCI 60	Intro to Atmospheric Science	(4)	NO C	OMPARAB	LE COURSE	
PHYSICS 9A	Classical Physics	(5)	PHYS 	410	Mechanics of Solids and Fluids	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS	431	Heat, Waves, Light and Modern Physics	(4)
PHYSICS 9C	Classical Physics	(5)	PHYS	421	Electricity and Magnetism	(4)
	Elementary Statistics STATIST 13Y	(4)	PSYC		Introductory Statistics for the Behavioral Sciences	(3)
			<u>01</u> STAT 		Introduction to Probability and Statistics	(4)

PREPARATION FOR GRADUATION:

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

Special Advising Note:

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

For information concerning satisfaction of UC Davis GE requirements, please go

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

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

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

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

END OF MAJOR

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

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

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

Organic Chemistry series cited on ASSIST for your major* Physics 7A/B/C or the physics series cited on ASSIST

for your intended College of Biological Sciences major (especially useful for Neurobiology, Physiology and Behavior majors).

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

BIOLSCI 2A		ntro Biology:Life on arth	(5)	BIOL	400		Principles of Biology	(5)
g) BIOLSCI			(5)	BIOL BIOL BIOL	410 420	&	Principles of Biology Principles of Botany Principles of Zoology	(5)
				BIOL	415		<pre>Introduction to Biology: Biodiversity, Evolution, and Ecology</pre>	(5)
g) BIOLSCI	2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL BIOL OI	420	_	Principles of Botany Principles of Zoology	(5) (5)
				BIOL 	415		Introduction to Biology: Biodiversity, Evolution, and Ecology	(5)
CHEM 2A CHEM 2B		Chemistry Chemistry		 CHEM CHEM			General Chemistry General Chemistry	(5) (5)

CHEM 2C	Genl Chemistry	(5)	CHEM CHEM		General Chemistry General Chemistry	(5) (5)
CITEM OAII	OR	/ F \			OR	
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CHEM 2BH	Honors Genl Chemistry	(5)	NO CO	OURSE	ARTICULATED: College has course(s) for articulati	not
CHEM 2CH	Honors Genl Chemistry	(5)	NO CO	OURSE	ARTICULATED: College has course(s) for articulati	not
MATH 17A	Calculus for BioSci	(4)	MATH 	355	Calculus for Biology and Medicine I	(4)
MATH 17B	Calculus for Biosci	(4)	 MATH 	356	Calculus for Biology and Medicine II	(4)
MATH 17C	Calculus for BioSci	(4)	MATH	356	Calculus for Biology and Medicine II	(4)
01	OR			400	OR	\
MATH 21A	Calculus		MATH		Calculus I	(5)
MATH 21B	Calculus	(4)	MATH	401 	Calculus II	(5)
PHYSICS 7A	General Physics	(4)	PHYS	350 8	& General Physics	(4)
	-		PHYS	-	General Physics	(4)
PHYSICS 7B	General Physics	(4)	PHYS	350	& General Physics	(4)
			PHYS		General Physics	(4)
PHYSICS 7C	General Physics	(4)		350 <u>8</u>	General Physics General Physics	(4) (4)
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END OF MAJOR

g) Students at American River College may take either all of BIOL 400 AND 410 AND 420 OR they may take BIOL 415 to receive credit for BIOLSCI 2B and BIOLSCI 2C at UC Davis,

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

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

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

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

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

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

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

Applicants to majors in the College of Biological Sciences apply to the major,

without reference to A.B. or B.S. degrees, which are chosen after enrollment at UC Davis. All majors currently offered in the College of Biological Sciences

are selective for purposes of admission; therefore, <u>in order to be considered</u> <u>for admission in this selective major</u>, 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.

______ BIOLSCI 2A Intro Biology:Life on (5) BIOL 400 Principles of Biology (5) Earth g) BIOLSCI 2B Intro Biology: (5) BIOL 400 $\underline{\mathbf{e}}$ Principles of Biology (5) Ecology & Evolution | BIOL 410 $\underline{\&}$ Principles of Botany (5) BIOL 420 Principles of Zoology (5) OR BIOL 415 Introduction to (5) Biology: Biodiversity, Evolution, and Ecology g) BIOLSCI 2C Intro Biology: (5) BIOL 410 & Principles of Botany (5) Biodiversity & the BIOL 420 Principles of Zoology (5) Tree of Life OR BIOL 415 Introduction to Biology: Biodiversity, Evolution, and Ecology .-----CHEM 2A Genl Chemistry (5) CHEM 400 General Chemistry (5) CHEM 2B Genl Chemistry (5) CHEM 400 & General Chemistry (5) (5) CHEM 400 & General Chemistry (5) CHEM 401 General Chemistry (5)

CHEM 8A	Organic Chem-Brief	(2)	CHEM	423		Organic Chemistry - Short Survey	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM	423		Organic Chemistry - Short Survey	(5)
	OR					OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM	420		Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM	420	&	Organic Chemistry	(5)
			CHEM	421		Organic Chemistry	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM	421		Organic Chemistry	(5)
			' 				
MATH 17A	Calculus for BioSci	(4)	MATH	355		Calculus for Biology	(4)
		,	İ			and Medicine I	` ,
MATH 17B	Calculus for Biosci	(4)	MATH	356		Calculus for Biology	(4)
1111111 1 7 1	edicards for Broser	(- /	1	330		carcarab for brotogy	(- /
			I			and Medicine II	
	OR		 			and Medicine II	
матн 21а	OR Calculus	(4)	 мати	400		OR	(5)
MATH 21A	Calculus	. ,	 MATH			OR Calculus I	(5)
MATH 21A MATH 21B		. ,	 MATH MATH			OR	(5)
MATH 21B	Calculus Calculus	(4)	MATH	401		OR Calculus I Calculus II	(5)
MATH 21BPHYSICS 1A	Calculus Calculus Principles Physics	(4)	MATH PHYS	401 350		OR Calculus I Calculus II General Physics	(5)
MATH 21B	Calculus Calculus Principles Physics Principles Physics	(4)	MATH	401 350		OR Calculus I Calculus II General Physics General Physics	(5)
MATH 21BPHYSICS 1A PHYSICS 1B	Calculus Calculus Principles Physics Principles Physics OR	(4)	MATH PHYS PHYS 	401 350 360		OR Calculus I Calculus II General Physics General Physics OR	(5)
MATH 21BPHYSICS 1A	Calculus Calculus Principles Physics Principles Physics OR	(4)	MATH PHYS PHYS	401 350 360 350	<u>&</u>	OR Calculus I Calculus II General Physics General Physics OR General Physics	(5) (4) (4) (4)
MATH 21B	Calculus Calculus Principles Physics Principles Physics OR General Physics	(4) (3) (3) (3)	MATH PHYS PHYS PHYS	401 350 360 350 360	<u>&</u>	OR Calculus I Calculus II General Physics General Physics OR General Physics General Physics	(5) (4) (4) (4) (4)
MATH 21BPHYSICS 1A PHYSICS 1B	Calculus Calculus Principles Physics Principles Physics OR	(4) (3) (3) (3)	MATH PHYS PHYS PHYS PHYS	401 350 360 350 360 360 350	 <u>&</u>	OR Calculus I Calculus II General Physics General Physics OR General Physics General Physics General Physics General Physics	(5) (4) (4) (4) (4) (4)
MATH 21B	Calculus Calculus Principles Physics Principles Physics OR General Physics General Physics	(4) (3) (3) (4)	MATH PHYS PHYS PHYS PHYS PHYS	401 350 360 350 360 350 360 360	<u>&</u>	OR Calculus I Calculus II General Physics General Physics OR General Physics General Physics General Physics General Physics General Physics	(5) (4) (4) (4) (4) (4) (4) (4)
MATH 21B	Calculus Calculus Principles Physics Principles Physics OR General Physics	(4) (3) (3) (4)	MATH PHYS PHYS PHYS PHYS PHYS PHYS	401 350 360 350 360 350 360 350	<u>&</u>	OR Calculus I Calculus II General Physics General Physics OR General Physics General Physics General Physics General Physics General Physics General Physics General Physics	(5) (4) (4) (4) (4) (4) (4) (4)
MATH 21B	Calculus Calculus Principles Physics Principles Physics OR General Physics General Physics	(4) (3) (3) (4)	MATH PHYS PHYS PHYS PHYS PHYS	401 350 360 350 360 350 360 350	<u>&</u>	OR Calculus I Calculus II General Physics General Physics OR General Physics General Physics General Physics General Physics General Physics	(5) (4) (4) (4) (4) (4) (4) (4)

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

RECOMMENDED COURSES FOR THIS MAJOR:

CHEM 2C	Genl Chemistry	(5) CHEM 401	General Chemistry	(5)
MATH 17C	Calculus for BioSci	(4) MATH 356	Calculus for Biology and Medicine II	(4)
MATH 21C	OR Calculus	 (4) MATH 402	OR Calculus III	(5)

END OF MAJOR

g) Students at American River College may take either all of BIOL 400 AND 410 AND 420 OR they may take BIOL 415 to receive credit for BIOLSCI 2B and BIOLSCI 2C at UC Davis,

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

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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	from our TAG Website.						
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	 BIOL 	400		Principles of Biology	(5)
g) BIOLSCI		(5)	BIOL BIOL BIOL OF	410 420		Principles of Biology Principles of Botany Principles of Zoology	(5) (5) (5)
			<u>51</u> BIOL 	_		Introduction to Biology: Biodiversity, Evolution, and Ecology	(5)
g) BIOLSCI	2C Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL BIOL OF	420	<u>&</u>	Principles of Botany Principles of Zoology	(5) (5)
			BIOL	_		Introduction to Biology: Biodiversity, Evolution, and Ecology	(5)
CHEM 2A CHEM 2B	Genl Chemistry Genl Chemistry		CHEM CHEM	400		General Chemistry General Chemistry General Chemistry	(5) (5) (5)
CHEM 2C	Genl Chemistry	(5)	CHEM			General Chemistry	(5)
CHEM 8A	Organic Chem-Brief	(2)	 CHEM 	423		Organic Chemistry - Short Survey	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM	423		Organic Chemistry - Short Survey	(5)
GIITIN 1107	OR	(1)		400		OR	(-)
CHEM 118A CHEM 118B	Org Chem, Hlth & Sci Org Chem, Hlth & Sci		CHEM CHEM CHEM	420	_	Organic Chemistry Organic Chemistry Organic Chemistry	(5) (5) (5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM			Organic Chemistry	(5)
MATH 17A	Calculus for BioSci	(4)	 MATH 	355		Calculus for Biology and Medicine I	(4)
MATH 17B	Calculus for Biosci	(4)	MATH	356		Calculus for Biology and Medicine II	(4)
MATH 17C	Calculus for BioSci	(4)	 MATH 	356		Calculus for Biology and Medicine II	(4)
	OR		İ			OR	
MATH 21A	Calculus		MATH			Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 	401		Calculus II	(5)
PHYSICS 7A	General Physics	(4)	PHYS PHYS		<u>&</u>	General Physics General Physics	(4) (4)
PHYSICS 7B	General Physics	(4)	PHYS PHYS	350	<u>&</u>	General Physics General Physics	(4)
PHYSICS 7C	General Physics	(4)	PHYS PHYS	350	<u>&</u>	General Physics General Physics General Physics	(4) (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

RECOMMENDED COURSES FOR THIS MAJOR:

MATH 21C Calculus END OF MAJOR

(4) | MATH 402 Calculus III

(5

g) Students at American River College may take either all of BIOL 400 AND 410 AND 420 OR they may take BIOL 415 to receive credit for BIOLSCI 2B and BIOLSCI 2C at UC Davis,

====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 damission 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/

Special Advising Note:

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

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

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

In addition to completing preparatory courses for the major, students must also meet UC transfer admission requirements by the close of spring term for fall enrollment at UC Davis. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment. See the UC Davis transfer admission website for details. IGETC: Transfer students should place highest priority on completing all requirements for their chosen engineering major. By completing the Intersegmental General Education Transfer Curriculum(IGETC)however, the General Education (GE) requirement at UC Davis will be totally satisfied for all UC Davis GE requirements that may be met with lower-division courses. Completing IGETC is not required, nor does it improve the likelihood you will be admitted. See additional GE information below.

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

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

It is also <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 U<u>C Transfer Admission website</u>. 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	51	(5)	BIOL	400		Principles of Biology	(5)
g) BIOLSCI	Earth 2B Intro Biology: Ecology & Evolution	(5)	 BIOL BIOL	410 420		Principles of Biology Principles of Botany Principles of Zoology	(5) (5) (5)
g) BIOLSCI	2C Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL BIOL BIOL OI	415 410 420		Introduction to Biology: Biodiversity, Evolution, and Ecology Principles of Botany Principles of Zoology	(5) (5) (5)
			BIOL 	415		Introduction to Biology: Biodiversity, Evolution, and Ecology	(5)
BIOTECH 1Y	Introduction to Biotechnology	(4)				RTICULATED: College has ourse(s) for articulation	
CHEM 2A CHEM 2B	Genl Chemistry Genl Chemistry	(5)	CHEM	400 401	_	General Chemistry General Chemistry General Chemistry	(5) (5) (5)
CHEM 2C	Genl Chemistry	(5)	СНЕМ 	401 		General Chemistry	(5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM	423		Organic Chemistry - Short Survey	(5)
CHEM 8B	Organic Chem-Brief OR	(4)	CHEM	423		Organic Chemistry - Short Survey OR	(5)
CHEM 118A CHEM 118B	Org Chem, Hlth & Sci Org Chem, Hlth & Sci	(4)	CHEM CHEM CHEM	420 421	<u>&</u>	Organic Chemistry Organic Chemistry Organic Chemistry	(5) (5) (5)
CHEM 118C	Org Chem, Hlth & Sci OR	(4)	CHEM	421		Organic Chemistry OR	(5)
CHEM 128A CHEM 128B	Organic Chemistry Organic Chemistry		CHEM CHEM CHEM	420	<u>&</u>	Organic Chemistry Organic Chemistry Organic Chemistry	(5) (5) (5)
CHEM 128C CHEM 129A	Organic Chemistry Organic Chem Lab		CHEM	421		Organic Chemistry Organic Chemistry	(5)
MATH 16A MATH 16B	Short Calculus Short Calculus		 MATH MATH			Calculus I Calculus II	(5) (5)
MATH 17A	OR Calculus for BioSci	(4)	 MATH	355		OR Calculus for Biology	(4)

MATH 17B	Calculus for Biosci OR	(4)	 MATH 	356	and Medicine I Calculus for Biology and Medicine II OR	(4)
MATH 21A MATH 21B	Calculus Calculus	. ,	MATH MATH		Calculus I Calculus II	(5) (5)
PHYSICS 7A	General Physics	(4)	 PHYS PHYS	350 <u>8</u> 360		(4) (4)
PHYSICS 7B	General Physics	(4)	PHYS PHYS	350 <u>8</u> 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.

	COURSEWORK FOR	BIOIN	FORMA:	rics	OPTION:	
ENG CS 20	C Sci/Discrete Math	(4)	CISP	440	Discrete Structures for Computer Science	(3)
	Programming ENG CS 30	(4)	CISP	300	<u>-</u>	(3)
			OI	<u>ર</u>		
			CISP	360	Introduction to	(4)
					Structured Programming	
			OI	<u> </u>		
			CISP	480	Honors Introduction to	(5)
					Structured	
					Programming	
	RESTRICTED ELECTIVES F	OR BI	OINFO	RMATI	CS OPTION:	
ENG CS 36B	Object-Oriented Program	(4)	CISP	400	Object Oriented	(4)
	ENG CS 40	, ,			Programming with C++	,
2			OI	3		
			CISP	401	Object Oriented	(4)
			İ		Programming with Java	. ,
ENG CS 36C	Data Structures	(4)	CISP	430		(4)
	ENG CS 60	. ,				. ,
-	Machine Dependent Prog	(4)	CISP	310	Assembly Language Programming for	(4)

END OF MAJOR

q) Students at American River College may take either all of BIOL 400 AND 410 AND 420 OR they may take BIOL 415 to receive credit for BIOLSCI 2B and BIOLSCI 2C at UC Davis,

Microcomputers

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

Special Advising Note:

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

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

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

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

It is also <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.

avallable	Tom our TAG website.						
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	 BIOL 	400		Principles of Biology	(5)
g) BIOLSCI			BIOL BIOL BIOL	410 420		Principles of Biology Principles of Botany Principles of Zoology	(5) (5) (5)
g) BIOLSCI	Biodiversity & the	(5)	BIOL BIOL BIOL	415	_	Introduction to Biology: Biodiversity, Evolution, and Ecology Principles of Botany Principles of Zoology	(5) (5) (5)
	Tree of Life		OE BIOL 	_		Introduction to Biology: Biodiversity, Evolution, and Ecology	(5)
CHEM 2A CHEM 2B	Genl Chemistry Genl Chemistry	(5)		400	_	General Chemistry General Chemistry	(5) (5)
CHEM 2C	Genl Chemistry		CHEM CHEM			General Chemistry General Chemistry	(5) (5)
CHEM 8A	Organic Chem-Brief	(2)	 CHEM 	423		Organic Chemistry - Short Survey	(5)
CHEM 8B	Organic Chem-Brief OR	(4)	CHEM	423		Organic Chemistry - Short Survey OR	(5)
CHEM 118A CHEM 118B	Org Chem, Hlth & Sci Org Chem, Hlth & Sci		 CHEM CHEM CHEM	420		Organic Chemistry Organic Chemistry Organic Chemistry	(5) (5) (5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	СНЕМ	421		Organic Chemistry	(5)
MATH 17A	Calculus for BioSci	(4)	 MATH 	355		Calculus for Biology and Medicine I	(4)
MATH 17B	Calculus for Biosci	(4)	MATH	356		Calculus for Biology and Medicine II	(4)
MATH 17C	Calculus for BioSci	(4)	MATH	356		Calculus for Biology and Medicine II	(4)
	OR					OR	
MATH 21A MATH 21B	Calculus Calculus	` '	MATH MATH			Calculus I Calculus II	(5) (5)
PHYSICS 7A	General Physics	(4)	 PHYS PHYS		<u>&</u>	General Physics General Physics	(4) (4)
PHYSICS 7B	General Physics	(4)		350	_	General Physics General Physics	(4) (4)
PHYSICS 7C	General Physics	(4)		350	&	General Physics General Physics	(4) (4)
It is high	ly recommended that students	3 COI					(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.

(4) MATH 402 Calculus III (5

END OF MAJOR

g) Students at American River College may take either all of BIOL 400 AND 410 AND 420 OR they may take BIOL 415 to receive credit for BIOLSCI 2B and BIOLSCI 2C at UC Davis,

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

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 400 General Chemistry (5) CHEM 400 & General Chemistry (5) CHEM 401 General Chemistry (5)
CHEM 2C	Genl Chemistry OR	(5)	CHEM 401 General Chemistry (5) OR
CHEM 2AH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHEM 2BH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHEM 2CH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PHYSICS 9A	Classical Physics	(5)	PHYS 410 Mechanics of Solids (5) and Fluids
PHYSICS 9B	Classical Physics	(5)	PHYS 431 Heat, Waves, Light and (4) Modern Physics
PHYSICS 9C	Classical Physics	(5)	PHYS 421 Electricity and (4) Magnetism
PHYSICS 9D	Modern Physics	(4)	NO COMPARABLE COURSE
MATH 21A	Calculus		MATH 400 Calculus I (5)
MATH 21B	Calculus	(4)	MATH 401 Calculus II (5)
MATH 21C	Calculus		MATH 402 Calculus III (5)
MATH 21D	Vector Analysis		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 COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 22B	Differntl Equations	(3)	MATH 420 Differential Equations (4)
CHEM 128A	5 1		CHEM 420 Organic Chemistry (5)
CHEM 128B	Organic Chemistry		CHEM 420 & Organic Chemistry (5) CHEM 421 Organic Chemistry (5)
CHEM 129A	Organic Chem Lab		CHEM 420 Organic Chemistry (5)

END OF MAJOR

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

CHEM	2A	Genl Chemistry	(5)	CHEM 400	General Chemistry (5)
CHEM	2B	Genl Chemistry	(5)	CHEM 400 8	\mathbf{k} General Chemistry (5)
				CHEM 401	General Chemistry (5)
CHEM	2C	Genl Chemistry	(5)	CHEM 401	General Chemistry (5)
		OR			OR
CHEM	2AH	Honors Genl Chemistry	(5)	NO COURSE	ARTICULATED: College has not
				submitted	course(s) for articulation
CHEM	2BH	Honors Genl Chemistry	(5)	NO COURSE	ARTICULATED: College has not
				submitted	course(s) for articulation
CHEM	2CH	Honors Genl Chemistry	(5)	NO COURSE	ARTICULATED: College has not
				submitted	course(s) for articulation

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

		OI	3					OR	
PHYSI	CS 9A	Classic	cal Physics	(5)	PHYS	410		Mechanics of Solids and Fluids	(5)
PHYSI	CS 9B	Classic	cal Physics	(5)	PHYS	431		Heat, Waves, Light and Modern Physics	(4)
PHYSI	CS 9C	Classic	cal Physics	(5)	PHYS	421		Electricity and Magnetism	(4)
MATH	16A	Short Cal	lculus	(3)	MATH	400		Calculus I	(5)
MATH	16B	Short Cal	lculus	(3)	MATH	401		Calculus II	(5)
MATH	16C	Short Cal		(3)	MATH	401		Calculus II OR	(5)
MATH	17A	Calculus	for BioSci	(4)	MATH	355		Calculus for Biology and Medicine I	(4)
MATH	17B	Calculus	for Biosci	(4)	MATH	356		Calculus for Biology and Medicine II	(4)
MATH	17C	Calculus	for BioSci	(4)	MATH	356		Calculus for Biology and Medicine II	(4)
		OI	ર		İ			OR	
MATH	21A	Calculus		(4)	MATH	400		Calculus I	(5)
MATH	21B	Calculus			MATH			Calculus II	(5)
MATH	21C	Calculus		(4)	MATH 	402		Calculus III	(5)
CHEM	128A	Organic	Chemistry	(3)	CHEM	420		Organic Chemistry	(5)
CHEM	128B	Organic	Chemistry	(3)	CHEM	420	<u>&</u>	Organic Chemistry	(5)
					CHEM			Organic Chemistry	(5)
CHEM		_	Chemistry		CHEM			Organic Chemistry	(5)
CHEM			Chem Lab		CHEM			Organic Chemistry	(5)
CHEM	129B	Organic	Chem Lab	(2)	CHEM		_	Organic Chemistry	(5)
					CHEM 	421 		Organic Chemistry	(5)

END OF MAJOR

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

Special Advising Note:

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

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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 Chemistry	(5)	CHEM 400 General Chemistry (5
CHEM	2B	Genl Chemistry		CHEM 400 & General Chemistry (5
				CHEM 401 General Chemistry (5
CHEM	2C	Genl Chemistry	(5)	CHEM 401 General Chemistry (5
		OR		OR
CHEM	2AH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has no
				submitted course(s) for articulation
CHEM	2BH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has no
	0 ====			submitted course(s) for articulation
CHEM	2CH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has no
				submitted course(s) for articulation
PHYSI	CS 9A	Classical Physics	(5)	PHYS 410 Mechanics of Solids (5
		-	. ,	and Fluids
PHYS1	CS 9B	Classical Physics	(5)	PHYS 431 Heat, Waves, Light and (4
				Modern Physics
PHYSI	CS 9C	Classical Physics	(5)	PHYS 421 Electricity and (4
				Magnetism
MATH	21 A	Calculus	(4)	MATH 400 Calculus I (5
MATH		Calculus		MATH 401 Calculus II (5
MATH		Calculus		MATH 402 Calculus III (5
MATH		Vector Analysis		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 COURSE ARTICULATED: College has no
				submitted course(s)for articulation
MATH	22B	Differntl Equations	(3)	MATH 420 Differential Equations (4
CHEM	128A	Organic Chemistry	(3)	CHEM 420 Organic Chemistry (5
CHEM		Organic Chemistry		CHEM 420 & Organic Chemistry (5
		. J	(-)	CHEM 421 Organic Chemistry (5
CHEM	128C	Organic Chemistry	(3)	CHEM 421 Organic Chemistry (5
CHEM	129A	Organic Chem Lab		CHEM 420 Organic Chemistry (5
CHEM	129B	Organic Chem Lab	(2)	CHEM 420 & Organic Chemistry (5
				CHEM 421 Organic Chemistry (5
CHEM	129C	Organic Chem Lab	(2)	CHEM 421 Organic Chemistry (5

RECOMMENDED COURSES:

PHYSICS 9D Modern Physics (4) NO COMPARABLE COURSE

END OF MAJOR

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

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is <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 Davis 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 Chemistry (5) CHEM 400 General Chemistry CHEM 2B Genl Chemistry (5) CHEM 400 & General Chemistry (5) | CHEM 401 | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemistry | General Chemi (5) CHEM 2C Genl Chemistry OR OR CHEM 2AH Honors Genl Chemistry (5) NO COURSE ARTICULATED: College has not |submitted course(s) for articulation CHEM 2BH Honors Genl Chemistry (5) NO COURSE ARTICULATED: College has not |submitted course(s) for articulation CHEM 2CH Honors Genl Chemistry (5) NO COURSE ARTICULATED: College has not

PHYSICS 7A	General Physics	(4) PH	YS 350	<u>&</u>	General E	Physics	(4)
		PH	YS 360		General E	Physics	(4)
PHYSICS 7B	General Physics	(4) PH	YS 350	<u>&</u>	General E	Physics	(4)
		PH	YS 360		General E	Physics	(4)
PHYSICS 7C	General Physics	(4) PH	YS 350	<u>&</u>	General E	Physics	(4)
		PH	YS 360	_	General E	Physics	(4)

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

physics.						
	OR				OR	
PHYSICS 9A	Classical Physics	(5)	PHYS	410	Mechanics of Solids and Fluids	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS	431	Heat, Waves, Light and Modern Physics	(4)
PHYSICS 9C	Classical Physics	(5)	PHYS	421		(4)
MATH 16A	Short Calculus		MATH		Calculus I	(5)
MATH 16B	Short Calculus		MATH		Calculus II	(5)
MATH 16C	Short Calculus OR	(3)	MATH 	401	Calculus II OR	(5)
MATH 17A	Calculus for BioSci	(4)	MATH 	355	Calculus for Biology and Medicine I	(4)
MATH 17B	Calculus for Biosci	(4)	MATH	356	Calculus for Biology and Medicine II	(4)
MATH 17C	Calculus for BioSci	(4)	MATH	356	Calculus for Biology and Medicine II	(4)
	OR				OR	
MATH 21A	Calculus	(4)	MATH	400	Calculus I	(5)
MATH 21B					Calculus II	(5)
MATH 21C					Calculus III	(5)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 	400	Principles of Biology	(5)
STATIST 13 Same as:	Elementary Statistics STATIST 13Y	(4)	PSYC OH		Introductory Statistics for the Behavioral Sciences	(3)
	OR		<u>91</u> STAT 		Introduction to Probability and Statistics OR	(4)
STATIST 32	Gateway to Data Science	(4)	NO CO	OMPARAB	_	
CHEM 118A	Org Chem, Hlth & Sci	(4)		420	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci					(5)
CIIIII IIOD	org chem, men a ber	(1)	CHEM		Organic Chemistry	(5)
CHEM 118C	Org Chem, Hlth & Sci OR	(4)	CHEM		Organic Chemistry OR	(5)
CHEM 128A	Organic Chemistry	(3)	CHEM	420	Organic Chemistry	(5)
CHEM 128B	Organic Chemistry			420 &	Organic Chemistry	(5)
	J	/	CHEM		Organic Chemistry	(5)
CHEM 128C	Organic Chemistry	(3)	CHEM		Organic Chemistry	(5)
CHEM 129A	Organic Chem Lab			420	Organic Chemistry	(5)
CHEM 129B	Organic Chem Lab				Organic Chemistry	(5)
-		. ,		421	Organic Chemistry	(5)

====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 Education(GE) Note:

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

(5) CHEM 400 General Chemistry (5)
(5) CHEM 400 & General Chemistry (5)
CHEM 401 General Chemistry (5)
(5) CHEM 401 General Chemistry (5)
OR
(5) NO COURSE ARTICULATED: College has not
submitted course(s) for articulation
(5) NO COURSE ARTICULATED: College has not
submitted course(s) for articulation
(5) NO COURSE ARTICULATED: College has not
submitted course(s) for articulation
(4) PHYS 350 & General Physics (4)
PHYS 360 General Physics (4)
(4) PHYS 350 & General Physics (4)
PHYS 360 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.	will need to meet with a	ос ва			5	
phy bicb.	OR		I		OR	
PHYSICS 9A	Classical Physics	(5)	PHYS	410	-	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS	431		(4)
PHYSICS 9C	Classical Physics	(5)	PHYS	421		(4)
MATH 16A	Short Calculus	(3)	MATH	400	Calculus I	(5)
MATH 16B					Calculus II	(5)
MATH 16C	Short Calculus OR	(3)	MATH	401	Calculus II OR	(5)
MATH 17A	Calculus for BioSci	(4)	MATH 	355	Calculus for Biology and Medicine I	(4)
MATH 17B	Calculus for Biosci	(4)	MATH	356	Calculus for Biology and Medicine II	(4)
MATH 17C	Calculus for BioSci OR	(4)	MATH	356	Calculus for Biology and Medicine II OR	(4)
MATH 21A	_	(4)	I MATH	400	Calculus I	(5)
MATH 21B					Calculus II	(5)
MATH 21C					Calculus III	(5)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL	400	Principles of Biology	(5)
			1			
	Introduction to Forensic Science		subm	OURSE A	course(s) for articulation	not on
STATIST 13	Introduction to Forensic Science Elementary Statistics STATIST 13Y		subm: PSYC 	OURSE A itted o 330	ARTICULATED: College has course(s) for articulation	not on
STATIST 13	Forensic Science Elementary Statistics STATIST 13Y		subm: PSYC 	OURSE A itted o 330	ARTICULATED: College has course(s) for articulation in the Behavioral Sciences Introduction to Probability and Statistics	not on
STATIST 13 Same as:	Forensic Science Elementary Statistics	(4)	subm: PSYC <u>OI</u> STAT	OURSE A itted of 330	ARTICULATED: College has course(s) for articulation in the Behavioral Sciences Introduction to Probability and Statistics OR	not on (3)
STATIST 13 Same as:	Forensic Science Elementary Statistics STATIST 13Y OR Gateway to Data Science	(4)	subm: PSYC <u>OI</u> STAT	OURSE A itted (330 Street	ARTICULATED: College has course(s) for articulation introductory Statistics for the Behavioral Sciences Introduction to Probability and Statistics OR BLE COURSE	not on (3)
STATIST 13 Same as: STATIST 32	Forensic Science Elementary Statistics STATIST 13Y OR	(4)	subm: PSYC OI STAT NO CO	OURSE A itted (330 Street	ARTICULATED: College has course(s) for articulation in the Behavioral Sciences Introduction to Probability and Statistics OR	not on (3)
STATIST 13 Same as: STATIST 32 CHEM 118A	Forensic Science Elementary Statistics STATIST 13Y OR Gateway to Data Science Org Chem, Hlth & Sci	(4)	subm: PSYC OI STAT NO CO	OURSE A itted (ARTICULATED: College has course(s) for articulation introductory Statistics for the Behavioral Sciences Introduction to Probability and Statistics OR BLE COURSE Organic Chemistry Organic Chemistry Organic Chemistry	not on (3)
STATIST 13 Same as: STATIST 32 CHEM 118A	Forensic Science Elementary Statistics STATIST 13Y OR Gateway to Data Science Org Chem, Hlth & Sci	(4) (4) (4) (4)	Subm:	OURSE 2 itted (330) R 300 OMPARAM 420 420 421	ARTICULATED: College has course(s) for articulation and statistics for the Probability and Statistics OR BLE COURSE Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry	not on (3) (4)
STATIST 13 Same as: STATIST 32 CHEM 118A CHEM 118B CHEM 118C	Forensic Science Elementary Statistics STATIST 13Y OR Gateway to Data Science Org Chem, Hlth & Sci Org Chem, Hlth & Sci Org Chem, Hlth & Sci Org Chem, Hlth & Sci Org Chem, Hlth & Sci	(4) (4) (4) (4)	Subm:	OURSE A itted (ARTICULATED: College has course(s) for articulation articulation to Probability and Statistics OR BLE COURSE Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry	not on (3)
STATIST 13 Same as: STATIST 32 CHEM 118A CHEM 118B CHEM 118C CHEM 128A	Forensic Science Elementary Statistics STATIST 13Y OR Gateway to Data Science Org Chem, Hlth & Sci Org Chem, Hlth & Sci Org Chem, Hlth & Sci Org Chem, Hlth & Sci Org Chem, Hlth & Sci Org Chem, Hlth & Sci OR Organic Chemistry	(4) (4) (4) (4) (4)	Subm: PSYC OI STAT NO CO CHEM CHEM CHEM CHEM CHEM CHEM CHEM	OURSE A itted (ARTICULATED: College has course(s) for articulations of the Behavioral Sciences Introduction to Probability and Statistics OR BLE COURSE Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry	not on (3) (4) (5) (5) (5)
STATIST 13 Same as: STATIST 32 CHEM 118A CHEM 118B CHEM 118C	Forensic Science Elementary Statistics STATIST 13Y OR Gateway to Data Science Org Chem, Hlth & Sci Org Chem, Hlth & Sci Org Chem, Hlth & Sci Org Chem, Hlth & Sci Org Chem, Hlth & Sci	(4) (4) (4) (4) (4)	Subm: PSYC OI STAT NO CO CHEM CHEM CHEM CHEM CHEM	OURSE A itted of 330 R 300 OMPARAM 420 420 421 421 420 420 8	ARTICULATED: College has course(s) for articulation and statistics for the Probability and Statistics OR BLE COURSE Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry OR Organic Chemistry OR Organic Chemistry	not on (3) (4) (5) (5) (5) (5)
STATIST 13 Same as: STATIST 32 CHEM 118A CHEM 118B CHEM 118C CHEM 128A CHEM 128B	Forensic Science Elementary Statistics STATIST 13Y OR Gateway to Data Science Org Chem, Hlth & Sci Org Chem, Hlth & Sci Org Chem, Hlth & Sci Org Chem, Hlth & Sci OR Organic Chemistry Organic Chemistry	(4) (4) (4) (4) (4) (3) (3)	Subm:	OURSE A itted of 330 R 300 OMPARAM 420 420 421 420 420 421 420 421	ARTICULATED: College has course(s) for articulation introductory Statistics for the Behavioral Sciences Introduction to Probability and Statistics OR BLE COURSE Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry	not on (3) (4) (5) (5) (5) (5) (5)
STATIST 13 Same as: STATIST 32	Forensic Science Elementary Statistics STATIST 13Y OR Gateway to Data Science Org Chem, Hlth & Sci Org Chem, Hlth & Sci Org Chem, Hlth & Sci OR Organic Chemistry Organic Chemistry Organic Chemistry	(4) (4) (4) (4) (4) (3) (3)	Subm: PSYC OI STAT NO CO CHEM	OURSE A itted of 330 R 300 OMPARAM 420 420 421 420 420 421 420 421 421	ARTICULATED: College has course(s) for articulation and statistics for the Behavioral Sciences Introduction to Probability and Statistics OR BLE COURSE Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry	not on (3) (4) (5) (5) (5) (5) (5) (5) (5)
STATIST 13 Same as: STATIST 32	Forensic Science Elementary Statistics STATIST 13Y OR Gateway to Data Science Org Chem, Hlth & Sci Org Chem, Hlth & Sci Org Chem, Hlth & Sci OR Organic Chemistry Organic Chemistry Organic Chemistry Organic Chem Lab	(4) (4) (4) (4) (4) (3) (3) (3) (2)	Subm: PSYC OI STAT NO CO CHEM	OURSE A itted (1) 330 R 300 OMPARAM 420 & 421 421 421 421 421 420	ARTICULATED: College has course(s) for articulation and statistics for the Behavioral Sciences Introduction to Probability and Statistics OR BLE COURSE Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry	not on (3) (4) (5) (5) (5) (5) (5) (5) (5) (5) (5)
STATIST 13 Same as: STATIST 32	Forensic Science Elementary Statistics STATIST 13Y OR Gateway to Data Science Org Chem, Hlth & Sci Org Chem, Hlth & Sci Org Chem, Hlth & Sci OR Organic Chemistry Organic Chemistry Organic Chemistry	(4) (4) (4) (4) (4) (3) (3) (3) (2)	Subm: PSYC OI STAT NO CO CHEM	OURSE A itted of 330 R 300 OMPARAMA 420 420 421 421 420 421 421 420 420 8	ARTICULATED: College has course(s) for articulation and statistics for the Behavioral Sciences Introduction to Probability and Statistics OR BLE COURSE Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry	not on (3) (4) (5) (5) (5) (5) (5) (5) (5)

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

CHICANO	10	Intro to Chic Std	(4)		ARTICULATED: College has not course(s) for articulation
CHICANO	50	Chicano Culture	(4)	NO COURSE	ARTICULATED: College has not course(s) for articulation
CHICANO	21	Hlth Care Issues	(4)		ARTICULATED: College has not course(s) for articulation
		OR			OR
CHICANO	40	Comparative Health	(4)		ARTICULATED: College has not course(s) for articulation

CHICANO 60	Chicana and Chicano Representn in Cinema	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHICANO 65	New Latin American Cinema	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHICANO 70	Survey Chic Art	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHICANO 73	Art Expr Silk Scr	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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	Inter Conversation	(2)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
SPANISH 31	Int Span Nat Spk I	(5)	NO COMPARABLE COURSE
SPANISH 32	Int Span Nat Spk II	(5)	NO COMPARABLE COURSE
END OF MAJOR			•

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

College Foreign Language Requirement Note:

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

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)		ARTICULATED: College has not course(s) for articulation
CHICANO	50	Chicano Culture	(4)	NO COURSE	ARTICULATED: College has not course(s) for articulation
CHICANO	21	Hlth Care Issues	(4)		ARTICULATED: College has not course(s) for articulation
		OR			OR
CHICANO	40	Comparative Health	(4)		ARTICULATED: College has not course(s) for articulation

ONE COURSE FROM THE FOLLOWING:

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

ONE COURSE FROM THE FOLLOWING:

CHICANO 23	Qualitative Research Methods	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PSYCH 41	Research Methods	(4)	PSYC 335 Research Methods in (3) Psychology
SOCIOL 46A	Intro Social Rsch	(4)	NO COMPARABLE COURSE
SPANISH 1	Elementary Spanish	(5)	SPAN 401
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	Inter Conversation	(2)	NO COURSE ARTICULATED: College has not
			submitted course(s)for articulation
SPANISH 31	Int Span Nat Spk I	(5)	NO COMPARABLE COURSE
SPANISH 32	Int Span Nat Spk II	(5)	NO COMPARABLE COURSE
END OF MAJO	R		

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

Special Advising Note:

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

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

Chinese Placement Examination Note:

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See http://llc.ucdavis.edu/foreign-language-placement-exams and check with your

UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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

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

x) CHINESE 1 Elem Chinese (5) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (5) NO COURSE ARTICULATED: College has not x) CHINESE 2 Elem Chinese |submitted course(s) for articulation x) CHINESE 3 Elem Chinese (5) NO COMPARABLE COURSE x) CHINESE 4 Inter Chinese (5) NO COMPARABLE COURSE x) CHINESE 5 Inter Chinese (5) NO COMPARABLE COURSE Inter Chinese x) CHINESE 6 (5) NO COMPARABLE COURSE OR x) CHINESE 1BL Accl Wrtn Chinese I (5) NO COMPARABLE COURSE x) CHINESE 2BL Accl Wrtn Chinese (5) NO COMPARABLE COURSE ΙI Accl Wrtn Chinese (5) NO COMPARABLE COURSE x) CHINESE 3BL III x) CHINESE 1CN Mand/Cant Spkrs I (5) NO COMPARABLE COURSE

x) CHINESE 2 x) CHINESE 3		II (5) NO COMPARABLE COURSE III (5) NO COMPARABLE COURSE	
	RECOMMENDED	COURSES FOR THIS MAJOR:	
	Modern Lit (in Engl) Gt Bks China (Engl) Intro to Literature	(4) NO COMPARABLE COURSE (4) NO COMPARABLE COURSE (4) NO COMPARABLE COURSE	
	JPNESE 50 Intro Poetry	(3) NO COMPARABLE COURSE	

|HIST 365 Asian Civilization (3)

(4)|HIST 364 & Asian Civilization

JPNESE 10 Masterworks in English (4) NO COMPARABLE COURSE LINGUIS 1 Intro Linguistics (4) NO COMPARABLE COURSE

END OF MAJOR

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

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

Special Advising Note:

HISTORY 9A East Asian Civ

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

		Media Computation ENG CS 12			College has not articulation
CINE&TS	20	Filmmaking Foundations	(5)	ARTICULATED: course(s)for	

Select two of the following courses:

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

Select two of the following courses:

FILM ST 1	Intro to Film Studies	(4)	TA 310	Introduction to Film	(3)
			<u>OR</u> TA 312	History of Film	(3)
Former	ly Humanities 10			-	, ,
TCULST 1		(4)		ARTICULATED: College has	
	Studies		submitted	<pre>course(s) for articulation</pre>	on
TCULST 5	Media Archaeology	(4)		ARTICULATED: College has	
			submitted	course(s) for articulation	on

END OF MAJOR

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

Special Advising Note:

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

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

END OF MAJOR

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

LATIN 2 LATIN 3	Intermediate Latin		NO COMPARABLE COURSE NO COMPARABLE COURSE		
GREEK 2	Elem Greek	(5)	OR NO COMPARABLE COURSE NO COMPARABLE COURSE		
GREEK 3	Intermediate Greek	(5)	NO COMPARABLE COURSE		
	TWO COURSES FI	ROM '	THE FOLLOWING:		
CLASSIC 1	N East/Early Gr	(4)	NO COMPARABLE COURSE		
	Anc Gr & Near East	(4)	NO COMPARABLE COURSE		
CLASSIC 3	Rome & The Mediter	(4)	NO COMPARABLE COURSE		
CLASSIC 4	Late Antiquity	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ONE ADDITIONAL COURSE SELECTED FROM:					
ADDIT 1A	Anniant Maditananan Ant	(1)	ADMIT 202 Aut. Ghana Ana thuanah (2)		
ARTHI IA	Ancient Mediterranean Art	(4)	ARTH 302 Art: Stone Age through (3) the Middle Ages		
			OR		
			ARTH 322 Art History of the (3) Non-Western World		
CLASSIC 1			NO COMPARABLE COURSE		
CLASSIC 2	Anc Gr & Near East		1		
CLASSIC 3					
CLASSIC 4	Late Antiquity	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
CLASSIC 10	Gr,Roman,N East Myth	(3)	NO COMPARABLE COURSE		
CLASSIC 15	Women & Gender in		NO COMPARABLE COURSE		
	Classical Antiquity				
CLASSIC 20	±	(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		
CT T CCT C 40	Daniel de Desident Mad	(1)	submitted course(s)for articulation		
CLASSIC 40	Economy in Ancient Med	(4)	NO COURSE ARTICULATED: College has not		
CLASSIC 50	Ancient Science	(1)	submitted course(s)for articulation NO COMPARABLE COURSE		
	: SCI&TEC 50	(+)	NO COMPARABLE COURSE		
COMPLIT 1	Major Books-Ancient	(4)	ENGLT 340 World Literature I (3)		
COMPLIT	World	(1)	ENGLI 540 WOLLD LICELAUDE 1 (5)		
PHILOS 21	Phil Classics: Ancient	(4)	PHIL 330 History of Classical (3)		
DEL CED 01	mb a Dibla	/ A \	Philosophy		
REL STD 21	The Bible	(4)	HUM 360 Introduction to the Old (3)		
			Testament (The Hebrew		
REL STD 40	New Testament	(1)	Bible) HUM 365 Introduction to the New (3)		
KEL SID 40	MEM TESCAMETIC	(=)	Testament		

END OF MAJOR

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

______ LATIN 1 Elementary Latin (5) NO COMPARABLE COURSE
LATIN 2 Elementary Latin (5) NO COMPARABLE COURSE
LATIN 3 Intermediate Latin (5) NO COMPARABLE COURSE GREEK 1 Elem Greek
GREEK 2 Elem Greek (5) NO COMPARABLE COURSE (5) NO COMPARABLE COURSE GREEK 2 FIGHT GIVEN (5) NO COMPARABLE COURSE (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: College has not |submitted course(s)for articulation ______

END OF MAJOR

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

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

Transfer Admission Guarantee (TAG) Note:

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

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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.

ENGLISH 3	Intro to Lit	(4)	ENGWR 301 	College Composition and Literature	(3)
			OR ENGWR 303 OR	Argumentative Writing and Critical Thinking Through Literature	(4)
	OR		ENGWR 481	Honors College Composition and Literature OR	(3)
UWRITING 1	Expository Writing	(4)	ENGWR 300	College Composition	(3)
			<u>OR</u> ENGWR 480 	Honors College Composition	(3)
COMUNCN 1	Intro Public Spkg	(4)	SPEECH 301	Public Speaking	(3)
			<u>OR</u> SPEECH 302	Persuasive Speech	(3)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 400	Principles of Biology	(5)
g) BIOLSCI			BIOL 400 & BIOL 410 & BIOL 420 OR		(5) (5) (5)
			BIOL 415	Introduction to Biology: Biodiversity, Evolution, and Ecology	(5)
CHEM 2A	Genl Chemistry		 СНЕМ 400	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 400 &	-	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 401 CHEM 401	General Chemistry General Chemistry	(5) (5)
CHEM 8A	Organic Chem-Brief		CHEM 423	Organic Chemistry - Short Survey	(5)
CHEM 8B	Organic Chem-Brief	(4)	 CHEM 423 	Organic Chemistry - Short Survey	(5)
ECON 1A	Princ of Microecon OR	(4)	ECON 304 	Principles of Microeconomics OR	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 302	Principles of Macroeconomics	(3)
PSYCH 1	General Psychology	(4)	 PSYC 300	General Principles	(3)

			<u>OR</u> PSYC 480 	Honors General Principles	(3)
SOCIOL 1	Intro Sociology	(5)	SOC 300 OR	Introductory Sociology	(3)
	07		SOC 480	Introductory Sociology - Honors OR	(3)
SOCIOL 3	OR Social Problems OR	(4)	 soc 301 	Social Problems OR	(3)
ANTHRO 2	Cultural Anthropology	(5)	ANTH 310	Cultural Anthropology	(3)
			<u>OR</u> ANTH 481 	Honors Cultural Anthropology	(3)
STATIST 13 Same as		(4)	PSYC 330	Introductory Statistics for the Behavioral Sciences	(3)
			<u>OR</u> STAT 300 	Introduction to Probability and Statistics	(4)

END OF MAJOR

g) Students at American River College may take either all of BIOL 400 AND 410 AND 420 OR they may take BIOL 415 to receive credit for BIOLSCI 2B and BIOLSCI 2C at UC Davis,

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

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

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

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

LINGUIS 1 I	ntro Linguistics	(4)	NO CC	MPARA	ABLE COURSE	
COG SCI 1 Intr	o Cognitive Science	(4)	NO CC	URSE		
D::::: 0.0 1.0 T	OR	(1)			OR	
PHILOS 10 I	ntro Cognitive Science	(4)			ARTICULATED: College has	
		,	!		course(s) for articulation	
PHILOS 12 I	ntro to Symbol Logic	(4)			Symbolic Logic	(3)
			:		s: MATH 320	
			OR	_		
			:		Symbolic Logic	(3)
					s: PHIL 324	
		(4)			ARTICULATED: College has r	
	w/Disc		submi	tted	course(s) for articulation	ı
PSYCH 1 Gen	eral Psychology	(4)	PSYC	300	General Principles	(3)
			OR	_		
			PSYC	480	Honors General	(3)
					Principles	
PSYCH 41 Re	search Methods	(4)	PSYC	335	Research Methods in	(3)
					Psychology	
STATIST 13	Elementary Statistics	(4)	PSYC	330	Introductory	(3)
Same as: ST	ATIST 13Y				Statistics for the	
			ĺ		Behavioral Sciences	
			OR	2		
			STAT	300	Introduction to	(4)
			j		Probability and	
			İ		Statistics	
			' 			

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

Emphasis 1: Computational ENG CS 20 C Sci/Discrete Math (4) CISP 440 Discrete Structures for Computer Science ENG CS 32A Intro to Programming(4) | NO COURSE ARTICULATED: College has not Formerly ENG CS 10 |submitted course(s) for articulation OR (4) CISP 300 Algorithm ENG CS 36A Programming (3) Formerly ENG CS 30 Design/Problem Solving OR CISP 360 Introduction to Structured Programming OR CISP 480 Honors Introduction to (5) Structured Programming ENG CS 34 UNIX & C++ (5) NO COURSE ARTICULATED ENG CS 36B Object-Oriented Program (4) CISP 400 Object Oriented (4) Formerly ENG CS 40 Programming with C++ CISP 401 Object Oriented (4) Programming with Java ENG CS 50 Machine Dependent Proq (4) CISP 310 Assembly Language (4)Programming for Microcomputers ENG CS 32B Intro to Data Structures (4) OR OR ENG CS 36C Data Structures (4) CISP 430 Data Structures (4) Formerly ENG CS 60 ______ LINGUIS 1 Intro Linguistics (4) NO COMPARABLE COURSE ______ MATH 17A Calculus for BioSci (4) | MATH 355 Calculus for Biology (4)

МАТН 17В	Calculus for Biosci	(4)	and Medicine II	ology (4)
MATH 21A MATH 21B		(4) (4)	MATH 400 Calculus I MATH 401 Calculus II	(5) (5)
MATH 22A	Linear Algebra	(3)	MATH 410 Introduction to	Linear (3)
MATH 22AL	Lin Alg Comp Lab		Algebra NO COURSE ARTICULATED: Colle submitted course(s)for artic	
COG SCI 1 I	intro Cognitive Science	(4)		
PHILOS 10	OR Intro Cognitive Science	(4)	OR NO COURSE ARTICULATED: Collowsubmitted course(s)for artic	
PHILOS 12	Intro to Symbol Logic	(4)	PHIL 324 Symbolic Logic Same as: MATH 320 OR MATH 320 Symbolic Logic	
PHILOS 13G	Minds, Brains Comp w/Disc	(4)	Same as: PHIL 324 NO COURSE ARTICULATED:Collegenshitted course(s)for artic	ge has not
PSYCH 1	General Psychology	(4)	PSYC 300 General Princip	les (3)
			PSYC 480 Honors General Principles	(3)
PSYCH 41	Research Methods	(4)	PSYC 335 Research Method: Psychology	s in (3)
	Elementary Statistics STATIST 13Y	(4)	PSYC 330 Introductory Statistics for Behavioral Science	the
			STAT 300 Introduction to Probability and Statistics	` '
	Emphasi	s 2:	Neuroscience	
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 400 Principles of B	iology (5)
g) BIOLSCI	2B Intro Biology: Ecology & Evolution	(5)	BIOL 400 & Principles of B BIOL 410 Principles of B BIOL 420 Principles of Z	otany (5)
			OR BIOL 415 Introduction to Biology: Biodive Evolution, and Ecology	· · /
g) BIOLSCI	2C Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 410 & Principles of BOUL 420 Principles of ZOOR	
	TICS OF HITE		BIOL 415 Introduction to Biology: Biodive Evolution, and Ecology	
LINGUIS 1	Intro Linguistics	(4)	NO COMPARABLE COURSE	-
MATH 17A	Calculus for BioSci	(4)	MATH 355 Calculus for Bio and Medicine I	ology (4)

MATH 17B	Calculus for Biosci	(4)	MATH 356	Calculus for Biology	(4)
MATH 17C	Calculus for BioSci	(4)	 MATH 356 	and Medicine II Calculus for Biology and Medicine II	(4)
MATH 21A MATH 21B MATH 21C	OR Calculus Calculus Calculus	(4)		OR Calculus I Calculus II Calculus III	(5) (5) (5)
COG SCI 1 I	ntro Cognitive Science OR	(4)	NO COURSE AI	RTICULATED OR	
PHILOS 10		(4)	I .	RTICULATED: College has ourse(s)for articulation	
PHILOS 13G	Minds, Brains Comp w/Disc	(4)		RTICULATED:College has rourse(s)for articulation	
PHYSICS 7A	General Physics		PHYS 350 & PHYS 360	General Physics General Physics	(4) (4)
PHYSICS 7B	General Physics		PHYS 350 &	General Physics	(4)
PHYSICS 7C	General Physics	(4)		General Physics General Physics	(4) (4)
	-	, ,	PHYS 360	General Physics	(4)
PHYSICS 9A	OR Classical Physics	(5)	 PHYS 410 	OR Mechanics of Solids and Fluids	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS 431	Heat, Waves, Light and Modern Physics	(4)
PHYSICS 9C	Classical Physics	(5)	 PHYS 421 	Electricity and Magnetism	(4)
PSYCH 1	General Psychology	(4)	PSYC 300 OR	General Principles	(3)
			PSYC 480	Honors General Principles	(3)
PSYCH 41	Research Methods	(4)	PSYC 335	Research Methods in Psychology	(3)
STATIST 13 Same as:	Elementary Statistics STATIST 13Y	(4)	PSYC 330 	Introductory Statistics for the Behavioral Sciences	(3)
			<u>OR</u> STAT 300 	Introduction to Probability and Statistics	(4)

END OF MAJOR

g) Students at American River College may take either all of BIOL 400 AND 410 AND 420 OR they may take BIOL 415 to receive credit for BIOLSCI 2B and BIOLSCI 2C at UC Davis,

====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.

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

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

ANTHRO 4	Anthro Linguistics	(4)	ANTH 341 	Introduction to Linguistics	(3)
	OR			OR	
LINGUIS 1	Intro Linguistics	(4)	NO COMPARA	ABLE COURSE	
COMUNCN 1	Intro Public Spkg	(4)	SPEECH 301 <u>OR</u>	Public Speaking	(3)
	OR			Persuasive Speech OR	(3)
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	 SPEECH 321 	Interpersonal Communication	(3)
	OR		İ	OR	
	Global English Comm LINGUIS 5	(4)	!	ARTICULATED: College has course(s) for articulation	
banic ab	OR		Babiliteeca	OR	J11
LINGUIS 5	Global English Comm	(4)	NO COURSE		not
Same as:	COMUNCN 5		submitted	course(s)for articulation	on
COMUNCN 10Y	Intro to Communication	(4)		ARTICULATED: College has course(s)for articulation	
B) ENG CS 1	5 Intro to Computers	(4)	 CISC 310	Introduction to	(3)

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

	OR			OR	
PHILOS 12	Intro to Symbol Logic	(4)	!	Symbolic Logic MATH 320	(3)
			!	Symbolic Logic PHIL 324	(3)
PSYCH 1	General Psychology	(4)	PSYC 300	General Principles	(3)
			PSYC 480	Honors General Principles	(3)
SOCIOL 1	Intro Sociology	(5)	SOC 300	Introductory Sociology	(3)
			! —	Introductory Sociology - Honors	(3)
SOCIOL 46B	Intro Social Rsch OR	(5)	NO COMPARAE	LE COURSE OR	
STATIST 13 Same as:	Elementary Statistics STATIST 13Y	(4)	PSYC 330	Introductory Statistics for the Behavioral Sciences	(3)
			<u>OR</u> STAT 300 	Introduction to Probability and Statistics	(4)

END OF MAJOR

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

TWO COURSES FROM THE FOLLOWING:

	e I (3)
World COMPLIT 2 Major Books-Middle Ages (4) ENGLT 340 & World Literatur to Enlightenment ENGLT 341 World Literatur	
COMPLIT 3 Major Books-The Modern (4) ENGLT 341 World Literatur Crisis	e II (3)
COMPLIT 4 Maj Books:Cont Wrld (4) NO COURSE ARTICULATED: Colle submitted course(s) for arti	
ENGLISH 3 Intro to Lit (4) ENGWR 301 College Composi and Literature OR	tion (3)
ENGWR 303 Argumentative W and Critical Thinking Throug Literature OR	
ENGWR 481 Honors College Composition and Literature	(3)
N A STD 5 Intro NA Literature (4) ENGLT 338 Native American Literature	(3)
UWRITING 1 Expository Writing (4) ENGWR 300 College Composi OR	tion (3)
ENGWR 480 Honors College Composition	(3)
UWRITING 48 Style in the Essay (4) ENGWR 302 Advanced Compos Formerly UWRITING 18 and Critical Th OR	
ENGWR 482 Honors Advanced Composition and Critical Thinki	
UWRITING 49 Writing Research Papers (4) NO COMPARABLE COURSE Formerly UWRITING 19	
CM&RGDE 1 The Community (4) NO COMPARABLE COURSE CM&RGDE 2 Ethnicity Amer Comm (4) NO COMPARABLE COURSE	
PL SCI 21 Computers in Technology (3) NO COMPARABLE COURSE OR OR	
B) ENG CS 15 Intro to Computers (4) CISC 310 Introduction to Computer Informa Science	(3) tion

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 30	4 Principles of Microeconomics	(3)
	OR		OR	
ECON 1B	Princ of Macroecon	(4) ECON 30	2 Principles of	(3)
		İ	Macroeconomics	
ANTHRO 2	Cultural Anthropology	(5) ANTH 31	0 Cultural Anthropology	(3)
		OR		
		ANTH 48	1 Honors Cultural	(3)
		İ	Anthropology	
	OR	İ	OR	
SOCIOL 1	Intro Sociology	(5) SOC 300	Introductory Sociology	(3)
		<u>OR</u>		

	5	SOC 48		roductory Ionors	Sociology (3)
STATIST 13 Elementary Stati Same as: STATIST 13Y	stics (4) I	PSYC 3	St	troductory atistics f havioral S	or the	3)
OR		<u>OR</u> STAT 3	Pr	troduction obability atistics OR	,	4)
STATIST 32 Gateway to Data Sc OR	ience (4) 	10 COM	PARABLE			
SOCIOL 46B Intro Social Rsc	h (5) 1		PARABLE	COURSE		

END OF MAJOR

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

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

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

COMPLIT	1	Major Books-Ancient World	(4)	ENGLT 	340	World Literature I (3)
		OR		1		OR
COMPLIT	2	Major Books-Middle Ages to Enlightenment	(4)	 ENGLT ENGLT		<u>&</u> World Literature I (3)
COMPLIT	3	Major Books-The Modern Crisis	(4)	ENGLT 	341	World Literature II (3)
		OR		1		OR
COMPLIT	4	Maj Books:Cont Wrld	(4)			ARTICULATED: College has not course(s) for articulation

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	(4)	ENGLT 340 World Literature I (3)
COMILITI	World	(1)	World Diccidedic 1 (3)
COMPLIT 2	Major Books-Middle Ages	(4)	ENGLT 340 $\&$ World Literature I (3)
	to Enlightenment		ENGLT 341 World Literature II (3)
COMPLIT 3	Major Books-The Modern Crisis	(4)	ENGLT 341 World Literature II (3)
COMPLIT 4	Maj Books:Cont Wrld	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
COMPLIT 5	Fairy Tales, Fables,	(4)	NO COURSE ARTICULATED: College has not
	Parables		submitted course(s) for articulation
COMPLIT 6	Myths & Legends	(4)	ENGLT 345 Mythologies of the (3) World
COMPLIT 7	Lit:Fant,Supernatl	(4)	ENGLT 392 Science Fiction and (3)
			Fantasy
COMPLIT 8	Utopias Transform	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
COMPLIT 9	Short Story & Novella	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
COMPLIT 11		(4)	NO COURSE ARTICULATED: College has not
Same as:			submitted course(s)for articulation
COMPLIT 12	Intro Women Writers	, ,	NO COMPARABLE COURSE
e) COMPLIT 1	3 Dramatic Lit	(3)	ENGLT 382 Introduction to (3)
			Dramatic Literature
COMPLIT 14	Intro Poetry	. ,	NO COMPARABLE COURSE
COMPLIT 20	Humans & Natural World		NO COMPARABLE COURSE
COMPLIT 24	Animals in Literature	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s)for articulation
COMPLIT 25	Ethnic Writers	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
COMPLIT 53A	Lit of East Asia	, ,	NO COMPARABLE COURSE
COMPLIT 53B	Lit of South Asia	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
COMPLIT 53C	Lit of the Islamic	(4)	NO COURSE ARTICULATED: College has not
	World		submitted course(s) for articulation

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

e) If a student takes ENGLT 382 at American River College, credit will be given at UC Davis for either ENGLISH 43 or COMPLIT 13, not both

====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

Special Advising Note:

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

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

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

In addition to completing preparatory courses for the major, students must also meet UC transfer admission requirements by the close of spring term for fall enrollment at UC Davis. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment. See the UC Davis transfer admission website for details. IGETC: Transfer students should place highest priority on completing all requirements for their chosen engineering major. By completing the Intersegmental General Education Transfer Curriculum(IGETC)however, the General Education (GE) requirement at UC Davis will be totally satisfied for all UC Davis GE requirements that may be met with lower-division courses. Completing IGETC is not required, nor does it improve the likelihood you will be admitted. See additional GE information below.

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

AP and IB examination credit policies are detailed in the UC Davis 2018-2019 General Catalog. Quick reference charts for AP and IB are also

available from our TAG website.

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

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

END OF MAJOR

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

Special Advising Note:

REQUIREMENTS FOR ADMISSION:

(for 2018-19)

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

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

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

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

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

Special Advising Note:

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

Transfer Admission Guarantee (TAG) Note:

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

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

Education(GE) Note:

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

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

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

MATH 21A MATH 21B MATH 21C	Calculus	(4)	MATH	401	Calculus I Calculus II Calculus III	(5) (5) (5)
MATH 22A	Linear Algebra OR	(3)	MATH 	410	Introduction to Linear Algebra	(3)
MATH 67	Modern Linear Algebra	(4)			OR ARTICULATED: College has course(s) for articulation	
ENG CS 20	C Sci/Discrete Math	(4)	 CISP 	440	Discrete Structures for Computer Science	(3)
	Programming ENG CS 30	(4)	CISP	300	Algorithm Design/Problem Solving	(3)
			OI			
			CISP	360	Introduction to Structured Programming	(4)
			OI			
			CISP	480	Honors Introduction to Structured	(5)
					Programming	
	Object-Oriented Program ENG CS 40	(4)	CISP 	400	Object Oriented Programming with C++	(4)
			OI			
			CISP	401	Object Oriented Programming with Java	(4)
	Data Structures ENG CS 60	(4)	CISP	430	Data Structures	(4)
_	Machine Dependent Prog	(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:

	INKEE OF INE	F OLI	LOWING COOK	KOED:
BIOLSCI 2A Intro Bio	ology:Life on	(5)	BIOL 400	Principles of Biology (5)
g) BIOLSCI 2B Intro	Biology: y & Evolution	(5)	BIOL 400 & BIOL 410 & BIOL 420 OR	
			BIOL 415 	Introduction to (5) Biology: Biodiversity, Evolution, and Ecology
g) BIOLSCI 2C Intro	Biology:	(5)	BIOL 410 &	Principles of Botany (5)
Biodiv	ersity & the		BIOL 420	Principles of Zoology (5)
Tree o	of Life		OR	
			BIOL 415	Introduction to (5)
				Biology: Biodiversity,
				Evolution, and
				Ecology
CHEM 2A Genl Chemist	4		CHEM 400	-
CHEM 2B Genl Chemist	ry	(5)		General Chemistry (5)
			CHEM 401	
CHEM 2C Genl Chemist	_			General Chemistry (5)
CHEM 2AH Honors Genl	Chemistry	(5)	•	ARTICULATED: College has not
CHEM ODII	Cla	/ F \	1	course(s) for articulation
CHEM 2BH Honors Genl	Chemistry	(5)		ARTICULATED: College has not course(s) for articulation
CHEM 2CH Honors Genl	Chomiatra	(E)		ARTICULATED: College has not
CHEM 2CH HOHOIS GEHI	CHEMISCLY	(5)	•	course(s) for articulation
PHYSICS 9A Classical	Dhygiga	(5)	PHYS 410	Mechanics of Solids (5)
THIBTED JA CLASSICAL	ITTYSICS	(3)		and Fluids
PHYSICS 9B Classical	Physics	(5)	PHYS 431	Heat, Waves, Light and (4)
	2	(-)		Modern Physics
PHYSICS 9C Classical	Physics	(5)	PHYS 421	Electricity and (4)
			İ	Magnetism
END OF MAJOR				

g) Students at American River College may take either all of BIOL 400 AND 410 AND 420 OR they may take BIOL 415 to receive credit for BIOLSCI 2B and BIOLSCI 2C at UC Davis,

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

Special Advising Note:

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

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

College Foreign Language Requirement Note:

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

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

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

______ Intro to Design DESIGN 1 (4) NO COMPARABLE COURSE ______ q) DESIGN 14 Design Drawing (4) ART 300 Drawing and Composition (3) OR OR DESIGN 21 Drafting and Perspective (4) NO COMPARABLE COURSE ______ (4) ART 320 & Design: Fundamentals DESIGN 15 Form & Color Same as: ARTNM 310 | ART 323 Design: Color Theory (3) AND AND DESIGN 16 Graphics & The Computer (4) NO COMPARABLE COURSE Energy, Materials, DESIGN 40A (4) NO COMPARABLE COURSE Design OR DESIGN 40B Ideologies of Design (4) NO COMPARABLE COURSE OR DESIGN 40C Design Aesthetics/Exper (4) NO COURSE ARTICULATED: College has not |submitted course(s)for articulation

TWO COURSES FROM THE FOLLOWING:

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

ART 12	Beginning Video	(4) NO COURSE ARTICULATED: College has not
		submitted course(s) for articulation
DESIGN 4	40A Energy, Materials, Design	(4) NO COMPARABLE COURSE
DESIGN 4	40B Ideologies of Design	(4) NO COMPARABLE COURSE

DESIGN 40C	Design Aesthetics/Exper	(4)	!	ARTICULATED: College has not course(s) for articulation
DESIGN 50	Intro to 3-D Design	(4)	NO COMPAR.	ABLE COURSE
DESIGN 70	Intro Textile Structure	(4)	1	ARTICULATED: College has not course(s) for articulation
DESIGN 77	Intro to Fashion Design	(4)	NO COMPAR	ABLE COURSE
UWRITING 11	Pop Sci & Technol	(4)	NO COURSE	ARTICULATED: College has not
	Wrtng		submitted	course(s)for articulation
	OR			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	UWRITING 18			and Critical Thinking
			OR	
			ENGWR 482	Honors Advanced (3)
				Composition and
				Critical Thinking
	OR			OR
UWRITING 49	Writing Research Papers	(4)	NO COMPAR	ABLE COURSE
Formerly UW	RITING 19			
END OF MAJOR				

 ${\bf q})$ If a student takes ART 300 at American River College, credit will be given for UC Davis's ART 2 or DESIGN 14, not both.

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

HISTORY 9A	East Asian Civ	(4) HIST 364 <u>&</u>	Asian Civilization	(3)
		HIST 365	Asian Civilization	(3)
HISTORY 9B	East Asian Civ	(4) HIST 364 &	Asian Civilization	(3)
		HIST 365	Asian Civilization	(3)

ONE COURSE FROM THE FOLLOWING:

ARTHI 1D	Arts of Asia	(4)	NO COMPARABLE COURSE
CHINESE 7	Chinese Business Culture	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s)for articulation
CHINESE 10	Modern Lit (in Engl)	(4)	NO COMPARABLE COURSE
CHINESE 11	Gt Bks China (Engl)	(4)	NO COMPARABLE COURSE
COMPLIT 53A	Lit of East Asia	(4)	NO COMPARABLE COURSE
JPNESE 10	Masterworks in English	(4)	NO COMPARABLE COURSE
JPNESE 25	Language & Culture (in	(4)	NO COMPARABLE COURSE
	English)		
JPNESE 50	Intro to Literature	(4)	NO COURSE ARTICULATED: College has not
Same as:	CHINESE 50		submitted course(s) for articulation
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	Elem Chinese	(5)			College has not
x) CHINESE 2	Elem Chinese	(5)	!		r articulation College has not
A) CHINEDE Z	EICM CHINESE	(3)			articulation
	OR			OR	
y) JPNESE 1	Elem Japanese	(5)			College has not
			!		articulation
y) JPNESE 2	Elem Japanese	(5)	NO COMPARAB	BLE COURSE	
END OF MAJOR					

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

====Ecological Management and Restoration B.S.==== Special Advising Note:

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

(5)	 BIOL 	400		Principles of Biology	(5)
(5)	BIOL	410 420	&	Principles of Biology Principles of Botany Principles of Zoology	(5) (5) (5)
	BIOL	415		<pre>Introduction to Biology: Biodiversity, Evolution, and Ecology</pre>	(5)
(5)	BIOL	410	&	Principles of Botany	(5)
	!			Principles of Zoology	(5)
	BIOL	415		Introduction to Biology: Biodiversity, Evolution, and Ecology	(5)
(5)	 CHEM	400		General Chemistry	(5)
	1				(5)
	CHEM	401		General Chemistry	(5)
(3)	 PHYS	350		General Physics	(4)
(3)	PHYS	360		General Physics	(4)
				OR	
(4)	PHYS	350	<u>&</u>	General Physics	(4)
				General Physics	(4)
(4)					(4)
	1			2	(4)
(4)			_		(4)
ta an				-	(4)
	(5) (5) (5) (5) (3) (4) (4) (4)	(5) BIOL BIOL BIOL OI	BIOL 410 BIOL 420 OR BIOL 415 	(5) BIOL 400 & SE BIOL 410 & SE BIOL 420 OR BIOL 415 BIOL 415 BIOL 415 BIOL 415 BIOL 415 GRAPHYS 350 (3) PHYS 350 & PHYS 360 (4) PHYS 350 & PHYS 360 (4) PHYS 350 & PHYS 360 (4) PHYS 350 & PHYS 360 (4) PHYS 350 & PHYS 360 (4) PHYS 350 & PHYS 360 (4) PHYS 350 & PHYS 360 (4) PHYS 350 & PHYS 360 (4) PHYS 350 & PHYS 360 (4) PHYS 350 & PHYS 360 (4) PHYS 350 & PHYS 360 (4) PHYS 350 & PHYS 360 (4) PHYS 350 & PHYS 360 (4) PHYS 350 & PHYS 360 (4) PHYS 350 & PHYS 360 (4) PHYS 350 & PHYS 360 (4) PHYS 350 & PHYS 360 (4) PHYS 350 & PHYS 360 (4) PHYS 350 & PHYS 360 (4) PHYS 360 (4) PHYS 350 & PHYS 360 (4) PHYS 40 (4) PHYS 40 (4) PHYS 40 (4) PHYS 40 (4) PHYS 40 (4) PHYS 40 (4) PHYS 40 (4) PHYS 40 (4) PHYS 40 (4) PHYS 40 (4) PHYS 40 (4) PHYS 40 (4) PHYS 40 (4) PHYS	(5) BIOL 400 & Principles of Biology BIOL 410 & Principles of Botany Principles of Zoology OR BIOL 415 Introduction to Biology: Biodiversity, Evolution, and Ecology Principles of Botany Principles of Botany Principles of Botany Principles of Zoology OR BIOL 410 Principles of Zoology Principles of Zoology OR BIOL 415 Introduction to Biology: Biodiversity, Evolution, and Ecology Ecology OR General Chemistry General Chemistry General Chemistry General Chemistry General Physics

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	400	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH	401	Calculus II	(5)
	OR		ĺ		OR	
MATH 17A	Calculus for BioSci	(4)	MATH	355	Calculus for Biology and Medicine I	(4)
MATH 17B	Calculus for Biosci	(4)	MATH 	356	Calculus for Biology and Medicine II	(4)
	OR				OR	
MATH 21A	Calculus	(4)	MATH	400	Calculus I	(5)

MATH 21B	Calculus	(4) MATH 401	Calculus I	I (5)
ENV S&P 1	Env Analysis	(4) NO COMPARA	BLE COURSE	

PREPARATION FOR GRADUATION:

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

END OF MAJOR

g) Students at American River College may take either all of BIOL 400 AND 410 AND 420 OR they may take BIOL 415 to receive credit for BIOLSCI 2B and BIOLSCI 2C at UC Davis,

====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

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

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

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

College Foreign Language Requirement Note:

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

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

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

ECON 1A	Princ of Microecon	(4)	 ECON	304	Principles of Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON	302	Principles of Macroeconomics	(3)
	Elementary Statistics STATIST 13Y	(4)	PSYC OI		Introductory Statistics for the Behavioral Sciences	(3)
	OR		_	300	Introduction to Probability and Statistics OR	(4)
STATIST 32	Gateway to Data Science	(4)	NO CO	OMPARAB	LE COURSE	
MATH 16A MATH 16B	Short Calculus Short Calculus OR		!		Calculus I Calculus II OR	(5)
MATH 21A MATH 21B	Calculus Calculus	, ,	!		Calculus I Calculus II	(5) (5)

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 Line	ar (3)
			Algebra	

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

Special Advising Note:

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

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

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

College Foreign Language Requirement Note:

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

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

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

ENGLISH 3	Intro to Lit	(4)	ENGWR		College Composition and Literature	(3)
			ENGWR		Argumentative Writing and Critical Thinking Through Literature	(4)
	OR		ENGWR 4	481	Honors College Composition and Literature OR	(3)
UWRITING 1	Expository Writing	(4)	ENGWR :		College Composition	(3)
			ENGWR	480	Honors College Composition	(3)
ENGLISH 10A	Literatures in English I: To 1700	(4)	ENGLT :	310	English Literature I	(3)
d) ENGLISH 1	OB Literatures in English II:	(4)	ENGLT :	_	English Literature II	(3)
	1700-1900		ENGLT :	320	American Literature	(3)
d) ENGLISH 1	OC Literatures in English III: 1900	(4)	ENGLT OR	_	English Literature II	(3)
	to Present		ENGLT	321	American Literature II	(3)

ONE COURSE FROM THE FOLLOWING:

ENGLISH 40	Intro Topics in Lit	(4)		ARTICULATED: College has not course(s) for articulation
ENGLISH 41	Intro Topics Lit & Media	(4)	NO COURSE	ARTICULATED: College has not course(s) for articulation
e) ENGLISH 43	Intro Topics in Drama	(4)	ENGLT 382	Introduction to (3) Dramatic Literature
ENGLISH 44	Intro Topics in Fiction	(4)	ENGLT 300	Introduction to (3) Fiction
ENGLISH 45	Intro Topics in Poetry	(4)	ENGLT 304	Introduction to (3) Poetry

END OF MAJOR

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

e) If a student takes ENGLT 382 at American River College, credit will be given at UC Davis for either ENGLISH 43 or COMPLIT 13, 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 $\frac{\text{highly recommended}}{\text{preparing well for the major helps}}$ students move efficiently toward graduation and significantly reduces time to degree.

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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	400	Principles of Biology	(5)
g) BIOLSCI			BIOL BIOL BIOL	410 8 420	Principles of Botany	(5) (5) (5)
			BIOL	_	Introduction to Biology: Biodiversity, Evolution, and Ecology	(5)
g) BIOLSCI	2C Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL BIOL OF	420	Principles of Botany	(5) (5)
			BIOL 	415	Introduction to Biology: Biodiversity, Evolution, and Ecology	(5)
	Genl Chemistry Genl Chemistry			400 8	General Chemistry	(5) (5) (5)
CHEM 8A	Organic Chem-Brief	(2)	 CHEM 	423	Organic Chemistry - Short Survey	(5)
CHEM 8B	Organic Chem-Brief OR	(4)	CHEM	423		(5)
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM	420		(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	:	_		(5)
			CHEM	421	Organic Chemistry	(5)
MATH 16A	Short Calculus	(3)	 MATH	400	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH	401	Calculus II	(5)
MATH 16C	Short Calculus OR	(3)	MATH 	401	Calculus II OR	(5)
MATH 17A	Calculus for BioSci	(4)	MATH	355	Calculus for Biology and Medicine I	(4)
MATH 17B	Calculus for Biosci	(4)	MATH	356		(4)
MATH 17C	Calculus for BioSci	(4)	MATH 	356		(4)

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 1A Principles	Physics (3)	PHYS	350	General Physics	(4)
PHYSICS 1B Principles	-	PHYS		General Physics	(4)
STATIST 13 Elementary	Statistics (4)	PSYC	330	Introductory	(3)
Same as: STATIST 13Y		İ		Statistics for the	
		İ		Behavioral Sciences	
		01	R		
		STAT	300	Introduction to	(4)
		İ		Probability and	
				Statistics	
OR				OR	
STATIST 32 Gateway to Da	ata Science (4)	NO CO	OMPARABI	LE COURSE	
OR				OR	
PL SCI 21 Computers in	n Technology (3)	NO C	OMPARABI	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 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ are also available from our TAG website.

END OF MAJOR

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

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

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

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

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

ENVHORT 1 Intro Envhort/Urb For ENVHORT 6 Intro Environ Plants			LE COURSE Plant Identification-Fall Selections	(3)
		<u>OR</u> HORT 306 	Plant Identification-Spring Selections	(3)
LND ARC 30 History Environ Design	(4)	NO COMPARABI	LE COURSE	
BIOLSCI 2A Intro Biology:Life on	(5)	BIOL 400	Principles of Biology	(5)
Earth g) BIOLSCI 2B Intro Biology:	(5)	BIOL 400 & BIOL 410 & BIOL 420 OR	Principles of Biology Principles of Botany Principles of Zoology	(5)
		<u>9K</u> BIOL 415 	Introduction to Biology: Biodiversity, Evolution, and Ecology	(5)
PL SCI 2 Bot Physio Cul Plt	(4)	NO COMPARABI	LE COURSE	
CHEM 2A Genl Chemistry CHEM 2B Genl Chemistry	(5)	CHEM 400 <u>&</u> CHEM 401	General Chemistry General Chemistry General Chemistry	(5) (5)
		NO COMPARABI		
ENV S&P 10 Current Issues in Environment	(3)	 NATR 300 	_	(4)
ENV S&P 10 not open for credit to OR	stud	ents who have	-	
ENV S&P 30 Global Ecosystem Same as: ENV SC&M 30	(3)	 NO COMPARABI 	_	
PHYSICS 1A Principles Physics PHYSICS 1B Principles Physics	(3)	PHYS 350 PHYS 360	General Physics General Physics	(4) (4)
PL SCI 21 Computers in Technology	(3)	NO COMPARABI	LE COURSE	
MATH 16A Short Calculus OR	(3)	MATH 400	Calculus I OR	(5)
STATIST 13 Elementary Statistics Same as: STATIST 13Y	(4)	PSYC 330	Introductory Statistics for the Behavioral Sciences	(3)
		STAT 300 	Introduction to Probability and Statistics	(4)
Select one lower division resource	scie	nce course a	nd one lower	

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

IIRBAN LANDSCAPE MANAGEMENT OPTION

			URBAN LANDS	CAPE	MANA	GEMI	ENT OPT	ION				
SCI&SOC 1	8 GIS	8 &	Society		(3)	NO	COURSE	ARTICULATI	ED:	College	has	not
						suk	omitted	course(s)	for	r articu	latio	on

RECOMMENDED COURSES:

COMUNCN	1 I	ntro	Public	Spkg	(4)	SPEECH	301	Public Spe	eaking	(3)
						OR SPEECH	302	Persuasive	. Sneech	(3)

END OF MAJOR

g) Students at American River College may take either all of BIOL 400 AND 410 AND 420 OR they may take BIOL 415 to receive credit for BIOLSCI 2B and BIOLSCI 2C at UC Davis,

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

The College of A&ES English Composition requirement for the Bachelor's degree is an element of the UC Davis General Education (GE) pattern. This GE requirement may be satisfied by completing either two courses emphasizing written expression OR one course emphasizing written expression and one course emphasizing oral expression, with a grade of C- (or P) or better. The following UC Davis lower-division courses are among those that have been approved to satisfy this

requirement: English 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (emphasis in either writing or speaking skills). The English Composition requirement may also be met by achieving a score of 4 or 5 on the Advanced Placement (AP) English examination PLUS completing any previously listed course, EXCEPT English 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

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

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

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

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

COMUNCN	1	Intro Public	Spkg	(4)	!	CH 3	301	Public Speaking	(3)
		OR			SPEEC	<u>H</u> 3	302	Persuasive Speech OR	(3)
COMUNCN	3	Intprsnl Com	Cmpetnce	(4)	SPEEC	:н 3	321	Interpersonal Communication	(3)
		OR						OR	
DRAMART	10	Intro To Ac	ting 	(4)	NO CC	MPA	ARABI	LE COURSE	
BIOLSCI	2A	Intro Biolo Earth	gy:Life on	(5)	BIOL	400)	Principles of Biology	(5)
		OR			¦			OR	
DTOI GGT	1.0		-1	(1)	l I D T O T	210	`	General Biology	(1)
BIOLSCI	ΤU	Everyday Bi	отоду	(4)	')	General Blology	(4)
					OF	_	_		
					BIOL	300) The	e Foundations of Biology	y(3)
CHEM 2A	(Genl Chemistry OR		(5)	 CHEM 	400)	General Chemistry OR	(5)
CHEM 10	(Concept of Che	m 	(4)	NO CC	MPA	ARABI	LE COURSE	
PHYSICS	1A	Principles	Physics	(3)	PHYS	350)	General Physics	(4)
g) BIOLS	SCI 2		ology: & Evolution	(5)	BIOL BIOL BIOL	410 420	<u>&</u>	Principles of Biology Principles of Botany Principles of Zoology	(5)
					BIOL	-	5	Introduction to Biology: Biodiversity, Evolution, and Ecology	(5)

	OR		OR
CHEM 2B		(5)	CHEM 400 & General Chemistry (5) CHEM 401 General Chemistry (5) OR
		(3)	PHYS 360 General Physics (4)
	ONE COURSE FF	ROM T	HE FOLLOWING:
PL SCI 21	Computers in Technology OR	(3)	NO COMPARABLE COURSE OR
SCI&SOC 18			NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ECON 1A	Princ of Microecon	(4)	ECON 304 Principles of (3)
ECON 1B	Princ of Macroecon	(4)	Microeconomics ECON 302 Principles of (3) Macroeconomics
	ONE COURSE FF	ROM T	HE FOLLOWING:
AN SCI 1	Domest Ani & People	(4)	NO COMPARABLE COURSE
ATM SCI 60	Intro to Atmospheric Science	(4)	NO COMPARABLE COURSE
	1 The Earth		GEOL 300 Physical Geology (3)
Same as	Plants and Society : SCI&SOC 12 LANT BIO 12	(4)	NO COMPARABLE COURSE
	Intro to Conservation Biology		BIOL 352 Conservation Biology (3)
ENV S&P 1	Env Analysis	(4)	NO COMPARABLE COURSE
MATH 16A			MATH 400 Calculus I (5)
MATH 16B	Short Calculus OR	(3)	MATH 401 Calculus II (5) OR
MATH 17A		(4)	MATH 355 Calculus for Biology (4) and Medicine I
MATH 17B	Calculus for Biosci OR	(4)	MATH 356 Calculus for Biology (4) and Medicine II OR
MATH 21A		(4)	MATH 400 Calculus I (5)
MATH 21B	Calculus	(4)	MATH 401 Calculus II (5)
POL SCI 1	Amer Natl Govt	(4)	POLS 301 Introduction to (3) Government: United States
			OR
	Elementary Statistics : STATIST 13Y	(4)	Statistics for the Behavioral Sciences
	OR		OR STAT 300 Introduction to (4) Probability and Statistics OR
STATIST 32	Gateway to Data Science	(4)	!
SCI&SOC 25			NGE POLICY AREA: NO COURSE ARTICULATED: College has not

END OF MAJOR

- g) Students at American River College may take either all of BIOL 400 AND 410 AND 420 OR they may take BIOL 415 to receive credit for BIOLSCI 2B and BIOLSCI 2C at UC Davis,
- m) If a student takes GEOL 300 at American River College, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.

====Environmental Science and Management B.S.==== Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

Composition requirement may also be met by achieving a score of 4 or 5 on the Advanced Placement (AP) English examination PLUS completing any previously listed course, EXCEPT English 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

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

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

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

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

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

available from our TAG website.

COMUNCN 1 Intro Public Spkg (4) | SPEECH 301 Public Speaking (3) | OR | SPEECH 302 Persuasive Speech (3) OR OR OR COMUNCN 3 Intprsnl Com Cmpetnce (4) SPEECH 321 Interpersonal (3) Communication OR DRAMART 10 Intro To Acting (4) NO COMPARABLE COURSE ______ BIOLSCI 2A Intro Biology:Life on (5)|BIOL 400 Principles of Biology (5)
Earth g) BIOLSCI 2B Intro Biology: (5) BIOL 400 & Principles of Biology (5) Ecology & Evolution | BIOL 410 & Principles of Botany (5) BIOL 420 Principles of Zoology (5) OR BIOL 415 Introduction to (5) Biology: Biodiversity, Evolution, and Ecology g) BIOLSCI 2C Intro Biology: (5) BIOL 410 & Principles of Botany (5) Biodiversity & the BIOL 420 Principles of Zoology (5) Tree of Life OR | BIOL 415 Introduction to (5) Biology: Biodiversity, Evolution, and Ecology _____ (5) | CHEM 400 General Chemistry (5) | CHEM 400 & General Chemistry (5) | CHEM 401 General Chemistry (5) CHEM 2A Genl Chemistry
CHEM 2B Genl Chemistry OR OR CHEM 2AH Honors Genl Chemistry (5) NO COURSE ARTICULATED: College has not

|submitted course(s) for articulation

CHEM 2BH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has n submitted course(s) for articulation	
m) GEOLOGY	1 The Earth OR	(4)	GEOL 300 Physical Geology (3)
c) GEOLOGY m)	*	(3)	!	3)
PHYSICS 1A	Principles Physics	(3)	PHYS 350 General Physics (4)
PHYSICS 1B	Principles Physics OR	(3)	PHYS 360 General Physics (4)
PHYSICS 7A		(4)	!	4)
			-	4)
PHYSICS 7B	General Physics	(4)	:	4)
PHYSICS 7C	General Physics	(4)	-	4) 4)
711111111111111111111111111111111111111	deneral injures	(- /	:	4)
			mplete an entire physics series at t to the entire UC Davis Physics 7A/B	/C
			transfer without completing an entire	
			physics courses upon arrival at UC vis advisor before continuing with	
ECON 1A	Princ of Microecon	(4)	ECON 304 Principles of (Microeconomics	3)
MATH 16A	Short Calculus	(3)	MATH 400 Calculus I (5)
MATH 16B	Short Calculus OR		,	5)
MATH 17A	Calculus for BioSci	(4)	MATH 355 Calculus for Biology (and Medicine I	4)
MATH 17B	Calculus for Biosci	(4)	and Medicine II	4)
MATH 21 A	OR Calculus	(1)	OR MATH 400 Calculus I (E /
MATH 21A MATH 21B	Calculus		!	5) 5)
ENV S&P 1	Env Analysis	(4)	NO COMPARABLE COURSE	
	RECOMMENDED COU	IRSES	FOR THIS MAJOR:	
CHEM 2C	Genl Chemistry OR	(5)	CHEM 401 General Chemistry (OR	5)
CHEM 2CH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has n submitted course(s) for articulation	
	PREPARATION	I FOR	GRADUATION:	
	Elementary Statistics : STATIST 13Y	(4)	PSYC 330 Introductory (Statistics for the Behavioral Sciences OR	3)
			!	4)
_	ECOLOGY, BIODIVERSITY,	AND	CONSERVATION TRACK:	-

ECOLOGY, BIODIVERSITY, AND CONSERVATION TRACK:

ATM SCI 60 Intro to Atmospheric Science

(4) NO COMPARABLE COURSE

CLIMATE CHANGE AND AIR QUALITY TRACK:

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

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

END OF MAJOR

- g) Students at American River College may take either all of BIOL 400 AND 410 AND 420 OR they may take BIOL 415 to receive credit for BIOLSCI 2B and BIOLSCI 2C at UC Davis,
- m) If a student takes GEOL 300 at American River College, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.
- $_{
 m C})$ This course is not strictly comparable with UC Davis course 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 <a href="https://doi.org/10.1001/journal-normal

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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 Discovery (AD) and Intermediated Description (ID) Exemination Natura

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

BIOL	SCI 2A	Intro Biology:Life on Earth	(5)	 BIOL 	400		Principles of Biology	(5)
g) B:	IOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL BIOL BIOL OI	410 420	&	Principles of Biology Principles of Botany Principles of Zoology	(5) (5) (5)
				BIOL	415		<pre>Introduction to Biology: Biodiversity, Evolution, and Ecology</pre>	(5)
g) B	IOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL BIOL OI	420	_	Principles of Botany Principles of Zoology	(5) (5)
				BIOL 	415		Introduction to Biology: Biodiversity, Evolution, and Ecology	(5)

CHEM	2A	Genl Chemistry	(5)	CHEM 400 General Chemistry (5
CHEM	2B	Genl Chemistry	(5)	CHEM 400 & General Chemistry (5
				CHEM 401 General Chemistry (5
CHEM	2C	Genl Chemistry	(5)	CHEM 401 General Chemistry (5
		OR	. ,	OR
CHEM	2AH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has no
				submitted course(s) for articulation
CHEM	2BH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has no
				submitted course(s) for articulation
CHEM	2CH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has no
				submitted course(s) for articulation
CHEM	118A	Org Chem, Hlth & Sci	(4)	CHEM 420 Organic Chemistry (5
CHEM	118B	Org Chem, Hlth & Sci		CHEM 420 & Organic Chemistry (5
			. ,	CHEM 421 Organic Chemistry (5
CHEM	118C	Org Chem, Hlth & Sci	(4)	CHEM 421 Organic Chemistry (5
		OR	,	OR
CHEM	128A	Organic Chemistry	(3)	CHEM 420 Organic Chemistry (5
CHEM		Organic Chemistry		CHEM 420 & Organic Chemistry (5
		- J 1	(-)	CHEM 421 Organic Chemistry (5
CHEM	128C	Organic Chemistry	(3)	CHEM 421 Organic Chemistry (5
CHEM		Organic Chem Lab		CHEM 420 Organic Chemistry (5
MATH	17A	Calculus for BioSci	(4)	MATH 355 Calculus for Biology (4
				and Medicine I
MATH	17B	Calculus for Biosci	(4)	MATH 356 Calculus for Biology (4
				and Medicine II
MATH	17C	Calculus for BioSci	(4)	MATH 356 Calculus for Biology (4
				and Medicine II
		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
DHYSI	CS 7A	General Physics	(4)	PHYS 350 & General Physics (4
111101	.00 /11	deneral inybies	(-)	PHYS 360 General Physics (4
DHYSI	CS 7B	General Physics	(4)	PHYS 350 & General Physics (4
111101	/ D	ocherar rhybreb	(1)	PHYS 360 General Physics (4
DHVQI	CS 7C	General Physics	(4)	PHYS 350 & General Physics (4)
111101	/ .	Jenerar Impares	(=)	PHYS 360 General Physics (4
				PHIS 300 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

g) Students at American River College may take either all of BIOL 400 AND 410 AND 420 OR they may take BIOL 415 to receive credit for BIOLSCI 2B and BIOLSCI 2C at UC Davis,

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL	400		Principles of Biology	(5)
g) BIOLSCI	2B Intro Biology: Ecology & Evolution	(5)	BIOL BIOL BIOL OF	410 420	&	Principles of Biology Principles of Botany Principles of Zoology	(5) (5) (5)
			BIOL	415		Introduction to Biology: Biodiversity, Evolution, and Ecology	(5)
g) BIOLSCI	2C Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL BIOL OF	420	_	Principles of Botany Principles of Zoology	(5) (5)
	TICC OF HITC		<u>51</u> BIOL 	-		Introduction to Biology: Biodiversity, Evolution, and Ecology	(5)
CHEM 2A CHEM 2B	Genl Chemistry Genl Chemistry	,	CHEM CHEM CHEM	400	<u>&</u>	General Chemistry General Chemistry General Chemistry	(5) (5) (5)
CHEM 8A	Organic Chem-Brief	(2)	 CHEM	423		Organic Chemistry - Short Survey	(5)
CHEM 8B	Organic Chem-Brief	(4)	 СНЕМ 	423		Organic Chemistry - Short Survey	(5)
MATH 17A	Calculus for BioSci	(4)	 MATH	355		Calculus for Biology	(4)

МАТН 17В	Calculus for Biosci	(4) MATH	356	and Medicine II	(4)
MATH 21A	OR Calculus	 (4) MATH	400	OR Calculus I	(5)
MATH 21B	Calculus	(1, MATH		Calculus II	(5)
PHYSICS 1A	Principles Physics	(3) PHYS	350	General Physics	(4)
PHYSICS 1B	Principles Physics	(3) PHYS	360	General Physics	(4)
		RECOMMENDED:			
MATH 17C	Calculus for BioSci	(4) MATH	356	Calculus for Biology and Medicine II	(4)
	OR			OR	
MATH 21C	Calculus	(4) MATH	402	Calculus III	(5)
END OF MAJO	 R				

g) Students at American River College may take either all of BIOL 400 AND 410 AND 420 OR they may take BIOL 415 to receive credit for BIOLSCI 2B and BIOLSCI 2C at UC Davis,

====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:

BI	OLSCI 2A		Intro Biology:Life on Earth	(5)	BIOL	400		Principles of Biology	(5)
g)	BIOLSCI	2B	Intro Biology: Ecology & Evolution	(5)	BIOL BIOL BIOL	410 420	&	Principles of Biology Principles of Botany Principles of Zoology	(5) (5) (5)
					BIOL 	415		<pre>Introduction to Biology: Biodiversity, Evolution, and Ecology</pre>	(5)
g)	BIOLSCI	2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL BIOL OI	420	_	Principles of Botany Principles of Zoology	(5) (5)
					BIOL 	415		Introduction to Biology: Biodiversity, Evolution, and Ecology	(5)

CHEM CHEM		Genl Chemistry Genl Chemistry		CHEM CHEM		æ	General Chemistry General Chemistry	(5) (5)
СППП	20	Gent enemibery	(3)	CHEM		_	General Chemistry	(5)
CHEM	2C	Genl Chemistry	(5)	CHEM			General Chemistry	(5)
CHEM	8A	Organic Chem-Brief	(2)	CHEM 	423		Organic Chemistry - Short Survey	(5)
CHEM	8B	Organic Chem-Brief	(4)	CHEM	423		Organic Chemistry - Short Survey	(5)
CHEN	1107	OR	(4)	 GIIDM	400		OR	(-)
CHEM	118A 118B	Org Chem, Hlth & Sci Org Chem, Hlth & Sci		CHEM CHEM			Organic Chemistry Organic Chemistry	(5) (5)
CITEM	TIOD	org chem, mrem a ber		CHEM			Organic Chemistry	(5)
CHEM	118C	Org Chem, Hlth & Sci		CHEM			Organic Chemistry	(5)
MATH	17A	Calculus for BioSci	(4)	 MATH 	355		Calculus for Biology and Medicine I	(4)
MATH	17B	Calculus for Biosci	(4)	MATH	356		Calculus for Biology and Medicine II	(4)
MATH	17C	Calculus for BioSci	(4)	MATH	356		Calculus for Biology and Medicine II	(4)
		OR		İ			OR	
		Calculus		MATH			Calculus I	(5)
MATH	21B	Calculus	(4)	MATH 	401 		Calculus II	(5)
PHYSI	CS 7A	General Physics	(4)	PHYS			General Physics	(4)
				PHYS			General Physics	(4)
PHYSI	CS 7B	General Physics	(4)			_	General Physics	(4)
DUVCT	CS 7C	Conoral Physics	(1)	PHYS			General Physics	(4)
PHISI	.cs /C	General Physics					General Physics General Physics	(4) (4)
-L 2.	. 1-31-7	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

g) Students at American River College may take either all of BIOL 400 AND 410 AND 420 OR they may take BIOL 415 to receive credit for BIOLSCI 2B and BIOLSCI 2C at UC Davis,

====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 2B Genl	Chemistry Chemistry	(5) CHEM 400 (5) CHEM 400 & CHEM 401	General Chemistry General Chemistry General Chemistry	(5) (5) (5)
CHEM 2C Genl B) ENG CS 15	Chemistry Intro to Computers	(5) CHEM 401 (4) CISC 310	General Chemistry Introduction to Computer Information	(5)

				Science	
OR				OR	
ENG CS 36A Programming	(4)	CISP	300	Algorithm	(3)
Formerly ENG CS 30				Design/Problem Solving	
		OI	<u> </u>		
		CISP	360	Introduction to	(4)
				Structured Programming	
		OI	<u> </u>		
		CISP	480	Honors Introduction to	(5)
				Structured	
				Programming	

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

MATH 16A	Short Calculus	(3)	MATH	400	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH	401	Calculus II	(5)
MATH 16C	Short Calculus	(3)	MATH	401	Calculus II	(5)
	OR		İ		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.

PH/STOD:	OR		I	OR	
PHYSICS 9A	Classical Physics	(5)	 PHYS 410 	Mechanics of Solids (5 and Fluids	5)
PHYSICS 9B	Classical Physics	(5)	 PHYS 431 	Heat, Waves, Light and (4 Modern Physics	4)
PHYSICS 9C	Classical Physics	(5)	PHYS 421 	-	4)
	Elementary Statistics STATIST 13Y	(4)	PSYC 330 OR	Introductory (3 Statistics for the Behavioral Sciences	3)
			<u>OK</u> STAT 300 	Introduction to (4 Probability and Statistics	4)
TEX&CL 6	Intro Textiles	(4)	FASHN 32	20 Textiles (3	3)
TEX&CL 8	Textile Apparel Ind OR	(4)	NO COMPA	ARABLE COURSE OR	
ENGIN 45	Prop of Mats	(4)	ENGR 413 	Properties of (4.5 Materials	5)

PREPARATION FOR GRADUATION:

CHEM 128A CHEM 128B CHEM 128C CHEM 129A CHEM 129B	Organic Chemistry Organic Chemistry Organic Chemistry Organic Chem Lab Organic Chem Lab	(3)	CHEM CHEM CHEM CHEM CHEM CHEM	420 421 421 420 420	<u>&</u> <u>&</u>	Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry	(5) (5) (5) (5) (5) (5)
	ET ECT	· ·	COURSI				
ECON 1A	Princ of Microecon		ECON 			Principles of Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON	302		Principles of Macroeconomics	(3)
MATH 22A	Linear Algebra	(3)	 MATH 	410		Introduction to Linear Algebra	(3)
MATH 22B	Differntl Equations	(3)	MATH	420		Differential Equations	(4)
PL SCI 21	Computers in Technology	(3)	NO C	AGMC	 RAB 	LE COURSE	
ENTD OF 1/1	TOD						

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

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

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is <a href="https://doi.org/10.1001/journal-no.1001

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

Transfer Admission Guarantee (TAG) Note:

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

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Education(GE) Note:

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Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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:

COMUNCN 1	Intro Public Spkg	(4)	<u> </u>	CH 301 OR CH 302	Public Speaking Persuasive Speech	(3)
MATH 16A MATH 16B MATH 16C	Short Calculus Short Calculus Short Calculus	(3)	 MATH MATH MATH	401	Calculus I Calculus II Calculus II	(5) (5) (5)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	 BIOL 	400	Principles of Biology	(5)
CHEM 2A CHEM 2B	Genl Chemistry Genl Chemistry	. ,	CHEM CHEM CHEM	400 <u>&</u>	General Chemistry General Chemistry General Chemistry	(5) (5) (5)

	Genl Chemistry	(5)	CHEM	401	General Chemistry	(5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM 	423	Organic Chemistry - Short Survey	(5)
CHEM 8B	Organic Chem-Brief OR	(4)	CHEM	423	Organic Chemistry - Short Survey OR	(5)
CHEM 118A	Org Chem, Hlth & Sci AND	(4)	CHEM	420	Organic Chemistry AND	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM CHEM	420 <u>&</u>	Organic Chemistry Organic Chemistry	(5)
	OR		CHEM	421	Organic Chemistry OR	(5)
CHEM 128A	Organic Chemistry AND	(3)	CHEM	420	Organic Chemistry AND	(5)
CHEM 128B	Organic Chemistry	(3)		420 <u>&</u>	Organic Chemistry	(5)
	AND		CHEM	421	Organic Chemistry AND	(5)
CHEM 129A	- -	(2)	CHEM	420		(5)
PHYSICS 7A	General Physics	(4)			General Physics	(4)
				360		(4)
PHYSICS 7B	General Physics			350 <u>&</u> 360	General Physics General Physics	(4)
PHYSICS 7C	General Physics				General Physics	(4) (4)
THIBTED 7C	General Thybreb	(1)		360 <u>u</u>		(4)
					tire UC Davis Physics 7	
series bef series may	unity college that is equiore transferring. Students be required to take addit will need to meet with a	who ional	transi phys:	fer wi ics co	thout completing an enti urses upon arrival at UC	ire C
series bef series may Davis, and	ore transferring. Students be required to take addit will need to meet with a	who ional UC Da	transi physi vis ac	er wi ics co dvisor	thout completing an entiurses upon arrival at UC before continuing with	ire C
series bef series may Davis, and physics. 	ore transferring. Students be required to take addit will need to meet with a Intro Food Preservation	who ional UC Da (3)	transi physi vis ac NO CC PSYC	Eer wi ics co dvisor DMPARA 330	thout completing an entiurses upon arrival at UC before continuing with	ire C
series bef series may Davis, and physics. 	ore transferring. Students be required to take addit will need to meet with a Intro Food Preservation Elementary Statistics	who ional UC Da (3)	transi physi vis ac 	Eer wi ics co dvisor OMPARA 330	thout completing an entiurses upon arrival at UC before continuing with BLE COURSE Introductory Statistics for the Behavioral Sciences Introduction to Probability and Statistics	ire (3)
series bef series may Davis, and physics. 	ore transferring. Students be required to take addit will need to meet with a Intro Food Preservation Elementary Statistics	who ional UC Da	transi physi vis ac NO CC PSYC STAT	Eer wiics codvisor DMPARA 330 300	thout completing an entiurses upon arrival at UC before continuing with BLE COURSE Introductory Statistics for the Behavioral Sciences Introduction to Probability and	ire (3)
series bef series may Davis, and physics. 	ore transferring. Students be required to take addit will need to meet with a Intro Food Preservation Elementary Statistics STATIST 13Y	who ional UC Da (3) (4)	transi phys: phys: vis ac NO CC PSYC	Eer wiics codvisor DMPARA 330 300 300	thout completing an entiurses upon arrival at UC before continuing with BLE COURSE Introductory Statistics for the Behavioral Sciences Introduction to Probability and Statistics Nutrition	(3)
series bef series may Davis, and physics. 	ore transferring. Students be required to take addit will need to meet with a Intro Food Preservation Elementary Statistics : STATIST 13Y Discoveries and Concepts	who ional UC Da (3) (4)	transi phys: phys: vis ac NO CC PSYC	Eer wiics codvisor DMPARA 330 300 300	thout completing an entiurses upon arrival at UC before continuing with BLE COURSE Introductory Statistics for the Behavioral Sciences Introduction to Probability and Statistics Nutrition ATE OR PROFESSIONAL STUI	(3)
series bef series may Davis, and physics FD S&T 50 STATIST 13 Same as	ore transferring. Students be required to take addit will need to meet with a Intro Food Preservation Elementary Statistics STATIST 13Y Discoveries and Concepts Org Chem, Hlth & Sci	who ional UC Date (3) (4)	transi phys: vis ac NO CC PSYC	Eer wiics codvisor DMPARA 330 300 300 GRADU	thout completing an entiurses upon arrival at UC before continuing with	(4) (3) (3)
series bef series may Davis, and physics	ore transferring. Students be required to take addit will need to meet with a Intro Food Preservation Elementary Statistics: STATIST 13Y Discoveries and Concepts Org Chem, Hlth & Sci OR Organic Chemistry	who ional UC Date (3) (4) (4) (5)	transi phys: vis ac NO CC PSYC	Eer wiics codvisor OMPARA 330 R 300 GRADU 421	thout completing an entiurses upon arrival at UC before continuing with	(4) (3) (3) (5)

END OF MAJOR

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

Special Advising Note:

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

reduces time to degree.

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 $\underline{\text{General Catalog}}$. 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 Fre	nch (4)
FRENCH 2	Elementary French	(5) FREN 402 Elementary Fre	nch (4)
FRENCH 3	Elementary French	(5) FREN 411 & Intermediate F	rench (4)
		FREN 412 Intermediate F	rench (4)
FRENCH 21	Intermed French	(5) NO COMPARABLE COURSE	
FRENCH 22	Intermed French	(5) NO COMPARABLE COURSE	
FRENCH 23	Intermed French	(5) NO COMPARABLE COURSE	

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

available from our TAG website. ______ (4) NO COURSE ARTICULATED: College has not WOM STD 50 Intro Gender Studies

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

AF-AMST 17	Women in Africa		NO COMPARABLE COURSE
AMR STD 21	Objects & Everyday Life	(4)	NO COURSE ARTICULATED: College has not
AMR STD 30	Amr Images Pop Cult	(4)	submitted course(s) for articulation SOC 350
ANTHRO 2 C	Cultural Anthropology	(5)	Culture ANTH 310 Cultural Anthropology (3)
			OR ANTH 481 Honors Cultural (3)
ANTHRO 20	Comparative Cultures	(4)	Anthropology 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)	HIST 325 History of (3) Asian/Pacific
A A STD 2	Contemp Issues of Asian	(4)	Americans HIST 325 History of (3)
A A DID Z	Americans	(1)	Asian/Pacific
CHICANO 10	Intro to Chic Std	(4)	Americans NO COURSE ARTICULATED: College has not
CHICANO 21	Hlth Care Issues	(1)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not
CHICANO ZI	nich care issues	(4)	submitted course(s) for articulation
CHICANO 50	Chicano Culture	(4)	NO COURSE ARTICULATED: College has not
COMPLIT 12	Intro Women Writers	(4)	submitted course(s) for articulation NO COMPARABLE COURSE
DRAMART 1	Theatre, Performance and Culture	(4)	NO COMPARABLE COURSE
ENGLISH 3	Intro to Lit	(4)	ENGWR 301 College Composition (3) and Literature
			OR
			ENGWR 303 Argumentative Writing (4) and Critical
			Thinking Through
			Literature OR
			ENGWR 481 Honors College (3)
			Composition and
HISTORY 72A	Am Women & Gender	(4)	Literature NO COMPARABLE COURSE
HISTORY 72B	Am Women & Gender	(4)	HIST 330 Women in American (3)
HISTORY 85	Nat,Man&Mach/Amer	(4)	History NO COMPARABLE COURSE
N A STD 10	NA Experience	(4)	NO COMPARABLE COURSE
N A STD 32 POL SCI 7	NA Music & Dance Law & Politics		NO COMPARABLE COURSE POLS 330 Constitutional Rights (3)
		(- /	<u>OR</u>
			POLS 332 Law and Society (3) Same as: BUS 345
			<u>OR</u> BUS 345 Law and Society (3)
			Same as: POLS 332
PSYCH 1 G	General Psychology	(4)	PSYC 300 General Principles (3) OR
			PSYC 480 Honors General (3)
SCI&TEC 1	Intro Sci & Tech Std	(4)	Principles NO COMPARABLE COURSE
SCI&TEC 2 SCI&TEC 20	Intro History of Science Sci & Tec Std Methods	(4)	NO COMPARABLE COURSE
SCI&TEC 32	Drugs, Science and		NO COURSE ARTICULATED: College has not
Como:	Culture ANTHRO 32		submitted course(s) for articulation
	Self and Society	(4)	 NO COMPARABLE COURSE

SOCIOL 3	Social Problems	(4)	SOC 301 Social Problems (3)
SOCIOL 11	Sociology of Labor and	(4)	NO COURSE ARTICULATED: College has not
	Employment		submitted course(s) for articulation
SOCIOL 30A	Multicultural Societies	(3)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
SOCIOL 30B	Multicultural Societies	(3)	1
			submitted course(s) for articulation
TEX&CL 7	Style & Cult Std	(4)	NO COMPARABLE COURSE
UWRITING 49	Writing Research Papers	(4)	NO COMPARABLE COURSE
Formerly U	WRITING 19		
WOM STD 20	Cult Repr of Gndr	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation

END OF MAJOR

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

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

It is also <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:

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 400 Principles of Biology (5)
g) BIOLSCI	2B Intro Biology: Ecology & Evolution	(5)	BIOL 400 & Principles of Biology (5) BIOL 410 & Principles of Botany (5) BIOL 420 Principles of Zoology (5) OR
			BIOL 415 Introduction to (5) Biology: Biodiversity, Evolution, and Ecology
g) BIOLSCI	2C Intro Biology:	(5)	BIOL 410 & Principles of Botany (5)
	Biodiversity & the		BIOL 420 Principles of Zoology (5)
	Tree of Life		OR
			BIOL 415 Introduction to (5) Biology: Biodiversity, Evolution, and Ecology
CHEM 2A	Genl Chemistry	(5)	CHEM 400 General Chemistry (5)
CHEM 2B	Genl Chemistry	/	CHEM 400 & General Chemistry (5)
	1	(-)	CHEM 401 General Chemistry (5)
CHEM 2C	Genl Chemistry	(5)	CHEM 401 General Chemistry (5)
	OR		OR
CHEM 2AH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
CHEM 2BH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
CHEM 2CH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not

			Dabini			ourse(s) for articular	-011
CHEM 8A	Organic Chem-Brief	(2)	 CHEM 	423		Organic Chemistry - Short Survey	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM	423		Organic Chemistry - Short Survey	(5)
	OR					OR	
CHEM 118	A Org Chem, Hlth & Sci	(4)	CHEM	420		Organic Chemistry	(5)
CHEM 118	B Org Chem, Hlth & Sci	(4)	CHEM	420	<u>&</u>	Organic Chemistry	(5)
			CHEM			Organic Chemistry	(5)
CHEM 118	C Org Chem, Hlth & Sci	(4)	CHEM	421		Organic Chemistry	(5)
MATH 17A	Calculus for BioSci	(4)	MATH 	355		Calculus for Biology and Medicine I	(4)
MATH 17B	Calculus for Biosci	(4)	MATH 	356		Calculus for Biology and Medicine II	(4)
MATH 17C	Calculus for BioSci	(4)	MATH 	356		Calculus for Biology and Medicine II	(4)
	OR					OR	
MATH 21A	Calculus		MATH			Calculus I	(5)
MATH 21B	Calculus	(4)	MATH	401		Calculus II	(5)
PHYSICS	7A General Physics	(4)	PHYS	350	<u>&</u>	General Physics	(4)
			PHYS			General Physics	(4)
PHYSICS	7B General Physics	(4)	PHYS		_	General Physics	(4)
			PHYS			General Physics	(4)
PHYSICS	7C General Physics	(4)			_	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.

			RECOMMENDED:				
MATH 2	21C	Calculus	(4) MATH	402	Calculus	III	(5)

END OF MAJOR

g) Students at American River College may take either all of BIOL 400 AND 410 AND 420 OR they may take BIOL 415 to receive credit for BIOLSCI 2B and BIOLSCI 2C at UC Davis,

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

Transfer students pursuing this major 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.

b) GEOLOGY 3 History of Life	(3) GEOL 310 Historical Geology (3
GEOLOGY 3L History of Life Lab	(1) GEOL 311 Historical Geology (1) Laboratory
c) GEOLOGY 50 Physical Geology	(3) GEOL 300 Physical Geology (3)
GEOLOGY 50L Physical Geol Lab	(2) GEOL 301 Physical Geology (1) Laboratory
GEOLOGY 60 Earth Materials:Intro	(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 16A Short Calculus	(3) MATH 400 Calculus I (5
MATH 16B Short Calculus OR	(3) MATH 401 Calculus II (5
MATH 21A Calculus	(4) MATH 400 Calculus I (5
MATH 21B Calculus	(4) MATH 401 Calculus II (5
CHEM 2A Genl Chemistry	(5) CHEM 400 General Chemistry (5
CHEM 2B Genl Chemistry	(5) CHEM 400 $\underline{\&}$ General Chemistry (5)
	CHEM 401 General Chemistry (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

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

series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

STATIST 13 Same as:	Elementary STATIST 13Y	Statistics	(4)	PSYC 330 	Introductory Statistics for the Behavioral Sciences	(3)
				OR		
				STAT 300	Introduction to Probability and	(4)
	OD				Statistics	
	OR				OR	
STATIST 32	Gateway to Da	ata Science	(4)	NO COMPARAB	BLE COURSE	

END OF MAJOR

- b) This course is not strictly comparable with UC Davis courses but will fulfill the history of life requirement for the geology major at UC Davis.
- c) This course is not strictly comparable with UC Davis course but will fulfill the introductory physical geology requirement for the geology major at UC Davis.
- $\mbox{m})$ If a student takes GEOL 300 at American River College, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.

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

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is <a href="https://doi.org/10.1001/journal-no.1001

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

available from our TAG website.

b) GEOLOGY	4	(3) GEOL 310 Historical Geolog	(3)
GEOLOGY 3L	History of Life Lab	(1) GEOL 311 Historical Geolog Laboratory	y (1)
c) GEOLOGY m)	50 Physical Geology	(3) GEOL 300 Physical Geology	(3)
GEOLOGY 50	L Physical Geol Lab	(2) GEOL 301 Physical Geology Laboratory	(1)
GEOLOGY 60	Earth Materials:Intro	(4) NO COURSE ARTICULATED: Collegerate submitted course(s) for articularity	
GEOLOGY 62	Optical Mineralogy	(2) NO COMPARABLE COURSE	
GEOLOGY 62 MATH 21A	Optical Mineralogy Calculus	(2) NO COMPARABLE COURSE (4) MATH 400 Calculus I	(5)
		:	(5) (5)
 MATH 21A	Calculus	(4) MATH 400 Calculus I	. ,
MATH 21A MATH 21B	Calculus Calculus	(4) MATH 400 Calculus I (4) MATH 401 Calculus II	(5) (5)
MATH 21A MATH 21B MATH 21C	Calculus Calculus Calculus	(4) MATH 400 Calculus I (4) MATH 401 Calculus II (4) MATH 402 Calculus III	(5) (5)

SELECT ONE OF THE FOLLOWING THREE OPTIONS:

GENERAL GEOLOGY OPTION:

CHEM 2C		Genl Chemis	stry	(5)	CHEM	401		General	Chemistry	(5)	
STATIST	32	Gateway to	Data Scienc	e (4)	NO CO	OMPAI	RAB	LE COURS	E		
PHYSICS	7A	General	Physics	(4)	PHYS	350	&	General	Physics	(4)	
					PHYS	360		General	Physics	(4)	
PHYSICS	7в	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	Mechanics of Solids and Fluids	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS	431	Heat, Waves, Light and Modern Physics	(4)
PHYSICS 9C	Classical Physics	(5)	PHYS	421	Electricity and Magnetism	(4)

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

GEOCHEMISTRY/PETROLOGY OPTION:

CHEM 2C	Genl Chemistry	(5) CHEM 401	General Chemistry	(5)
STATIST 32	Gateway to Data Science	(4) NO COMPARAI	BLE COURSE	
MATH 21D	Vector Analysis	(4) MATH 402	Calculus III	(5)
PHYSICS 9A	Classical Physics	(5) PHYS 410	Mechanics of Solids	(5)

			and Fluids
PHYSICS 9B	Classical Physics	(5) PHYS 431	Heat, Waves, Light and (4) Modern Physics

QUANTITATIVE/GEOPHYSICS OPTION:

MATH 21D MATH 22A	Vector Analysis Linear Algebra		MATH MATH		Calculus III Introduction to Linear Algebra	(5)
PHYSICS 9A	Classical Physics	(5)	 PHYS 	410	Mechanics of Solids and Fluids	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS	431	Heat, Waves, Light and Modern Physics	(4)
PHYSICS 9C	Classical Physics	(5)	PHYS	421	Electricity and Magnetism	(4)

END OF MAJOR

- b) This course is not strictly comparable with UC Davis courses but will fulfill the history of life requirement for the geology major at UC Davis.
- $_{
 m C})$ This course is not strictly comparable with UC Davis course but will fulfill the introductory physical geology requirement for the geology major at UC Davis.
- m) If a student takes GEOL 300 at American River College, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

GERMAN 1	Elementary German	(5) GER	M 401	Elementary German	(4)
GERMAN 2	Elementary German	(5) GER	M 402	Elementary German	(4)
GERMAN 3	Elementary German	(5) GER	M 411	Intermediate German	(4)
GERMAN 20	Intermediate German	(4) GER	M 412	Intermediate German	(4)
GERMAN 21	Intermediate German	(4) NO	COMPARA	BLE COURSE	
GERMAN 22	Intermediate German	(4) NO	COMPARA	BLE COURSE	

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

Advanced Flacement (AF) and international baccalaureace (IB) Examination Note.

GDISBIO 90	Intro Global Disease Bio	(1)	1	ARTICULATED: College has r course(s) for articulation	not
SCI&SOC 13	Disease and Society	(3)		ARTICULATED:College has no course(s)for articulation	ot
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 400 	Principles of Biology ((5)
g) BIOLSCI 2E	Intro Biology: Ecology & Evolution	(5)	BIOL 400 8 BIOL 410 8 BIOL 420 OR	Principles of Botany ((5) (5) (5)
			BIOL 415	Introduction to (Biology: Biodiversity, Evolution, and Ecology	(5)
g) BIOLSCI 20	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 410 <u>&</u> BIOL 420 <u>OR</u>	-	(5) (5)

		BIOL 	415	E	Biology: Biodiversity, Evolution, and	(5)
Genl Chemistry Genl Chemistry	,	CHEM	400	<u>&</u> (General Chemistry	(5) (5) (5)
Genl Chemistry	(5)	CHEM	401		General Chemistry	(5)
Organic Chem-Brief	(2)	CHEM 	423		_	(5)
Organic Chem-Brief	(4)	CHEM	423		Short Survey	(5)
* = ·	(1)	 OTTEM	420			(5)
· .	. ,	!			_	(5)
J ,	, ,			_	_	(5)
Calculus for BioSci	(4)	 MATH 	355			(4)
Calculus for Biosci	(4)	MATH 	356			(4)
Calculus for BioSci	(4)	MATH	356			(4)
General Physics	(4)	:		_		(4) (4)
General Physics	(4)	1			-	(4)
2 · · · · · · · · · · · · · · · · · · ·	` ,			_		(4)
	Genl Chemistry Genl Chemistry Organic Chem-Brief Organic Chem-Brief OR Org Chem, Hlth & Sci Org Chem, Hlth & Sci Calculus for BioSci Calculus for BioSci Calculus for BioSci Calculus for BioSci	Genl Chemistry (5) Genl Chemistry (5) Organic Chem-Brief (2) Organic Chem-Brief (4) OR OR Org Chem, Hlth & Sci (4) Org Chem, Hlth & Sci (4) Calculus for BioSci (4) Calculus for BioSci (4) Calculus for BioSci (4) General Physics (4)	Genl Chemistry (5) CHEM Genl Chemistry (5) CHEM CHEM Genl Chemistry (5) CHEM Organic Chem-Brief (2) CHEM Organic Chem-Brief (4) CHEM OR OR Org Chem, Hlth & Sci (4) CHEM Org Chem, Hlth & Sci (4) CHEM CHEM Calculus for BioSci (4) MATH Calculus for BioSci (4) MATH Calculus for BioSci (4) MATH Calculus for BioSci (4) MATH General Physics (4) PHYS General Physics (4) PHYS	Genl Chemistry (5) CHEM 400 CHEM 401 Genl Chemistry (5) CHEM 401 Organic Chem-Brief (2) CHEM 423 Organic Chem-Brief (4) CHEM 423 OR	Genl Chemistry (5) CHEM 400 & (5) CHEM 400 & (5) CHEM 401 & (5) CHEM 401 & (5) CHEM 401 & (5) CHEM 401 & (5) CHEM 401 & (5) CHEM 401 & (5) CHEM 401 & (5) CHEM 401 & (5) CHEM 401 & (5) CHEM 423 & (6) CHEM 423 & (7) CHEM 423 & (7) CHEM 423 & (7) CHEM 423 & (7) CHEM 420 & (7) CHEM 421 & (7) CHEM 420 & (7) CH	Biology: Biodiversity, Evolution, and Ecology Genl Chemistry (5) CHEM 400 General Chemistry (CHEM 401 General Che

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

PREPARATION FOR GRADUATION:

STATIST 13 Same as:	Elementary STATIST 13Y	Statistics	(4) PSYC 330	Introductory Statistics for the	(3)
				Behavioral Sciences	
			OR		
			STAT 300 	Introduction to Probability and Statistics	(4)

END OF MAJOR

g) Students at American River College may take either all of BIOL 400 AND 410 AND 420 OR they may take BIOL 415 to receive credit for BIOLSCI 2B and BIOLSCI 2C at UC Davis,

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

Special Advising Note:

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College Foreign Language Requirement Note:

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

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

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

A.AFRICA

HISTORY 15A HISTORY 15B	Africa to 1900 Africa Today	(4) NO COURSE ARTICULATED (4) NO COURSE ARTICULATED			
		B. ASIA			
HISTORY 8	Indian Civilization	(4) NO COMPARABLE COURSE			
HISTORY 9A	East Asian Civ	(4) HIST 364 $\underline{\&}$ Asian Civilization (3)			
		HIST 365 Asian Civilization (3)			
HISTORY 9B	East Asian Civ	(4) HIST 364 $\underline{\mathbf{\epsilon}}$ Asian Civilization (3)			
		HIST 365 Asian Civilization (3)			
C FIDODE					

					Civilization	
				<u>OR</u> HIST 480	History of Western (3)	
	45		(4)		Civilization-Honors	
HISTORY	4B	Western Civ	(4)	HIST 300 	History of Western (3) Civilization	
				<u>OR</u> HIST 480 &	History of Western (3)	
				 	Civilization-Honors	
				HIST 302	History of Western (3) Civilization	
				<u>OR</u>		
				HIST 481 	History of Western (3) Civilization-Honors	
HISTORY	4C	Western Civ	(4)	HIST 302	<u> </u>	
				OR	Civilization	
				HIST 481	History of Western (3) Civilization-Honors	
		D. LATI	N AM	ERICA		
HISTORY	7A	Latin America to 1700	(4)	1	ARTICULATED: College has not course(s) for articulation	
HISTORY	7в	Latin America 1700-1900	(4)	NO COURSE	ARTICULATED: College has not	
HISTORY	7C	Latin America	(4)		<pre>course(s) for articulation ARTICULATED: College has not</pre>	
111210111	, 0	1900-Present	(- /		course(s) for articulation	
		E. MIDD	LE E	AST		
HISTORY	6	Intro to Middle East	(4)		ARTICULATED: College has not course(s) for articulation	
submitted course(s) for articulation						
F. UNITED STATES						
		F. UNI	red :	STATES		
HISTORY	17A			STATES HIST 310 	History of the United (3)	
HISTORY	17A			HIST 310 <u>OR</u>	States	
HISTORY	17A			HIST 310 	-	
			(4)	HIST 310 <u>OR</u>	States History of the United (3) States-Honors History of the United (3)	
		U.S. History	(4)	HIST 310 OR HIST 483 HIST 311 OR	States History of the United (3) States-Honors History of the United (3) States	
		U.S. History	(4)	HIST 310 OR HIST 483 HIST 311	States History of the United (3) States-Honors History of the United (3) States	
HISTORY	17B 18A	U.S. History U.S. History Race in America to 1865	(4)	HIST 310 OR HIST 483 HIST 311 OR HIST 484 NO COURSE	States History of the United (3) States-Honors History of the United (3) States History of the United (3) States-Honors ARTICULATED	
HISTORY HISTORY HISTORY	17B 18A 72A	U.S. History U.S. History	(4) (4) (4) (4)	HIST 310 OR HIST 483 HIST 311 OR HIST 484 NO COURSE	States History of the United (3) States-Honors History of the United (3) States History of the United (3) States-Honors ARTICULATED ABLE COURSE Women in American (3)	
HISTORY HISTORY HISTORY	17B 18A 72A 72B	U.S. History U.S. History Race in America to 1865 Am Women & Gender Am Women & Gender	(4) (4) (4) (4)	HIST 310 OR HIST 483 HIST 311 OR HIST 484 NO COURSE NO COMPARA HIST 330	History of the United (3) States-Honors History of the United (3) States History of the United (3) States-Honors ARTICULATED ABLE COURSE Women in American (3) History	
HISTORY HISTORY HISTORY HISTORY	17B 18A 72A 72B 80	U.S. History U.S. History Race in America to 1865 Am Women & Gender Am Women & Gender US in the Middle East	(4) (4) (4) (4) (2)	HIST 310 OR HIST 483 HIST 311 OR HIST 484 NO COURSE NO COMPARA HIST 330 NO COURSE	History of the United (3) States-Honors History of the United (3) States History of the United (3) States-Honors ARTICULATED ABLE COURSE Women in American (3) History ARTICULATED: College has not course(s) for articulation	
HISTORY HISTORY HISTORY HISTORY	17B 18A 72A 72B 80	U.S. History U.S. History Race in America to 1865 Am Women & Gender Am Women & Gender US in the Middle East Nat, Man&Mach/Amer	(4) (4) (4) (4) (2) (4)	HIST 310 OR HIST 483 HIST 311 OR HIST 484 NO COURSE NO COMPARA HIST 330 NO COURSE submitted NO COMPARA	History of the United (3) States-Honors History of the United (3) States History of the United (3) States-Honors ARTICULATED ABLE COURSE Women in American (3) History ARTICULATED: College has not course(s) for articulation	
HISTORY HISTORY HISTORY HISTORY	17B 18A 72A 72B 80	U.S. History U.S. History Race in America to 1865 Am Women & Gender Am Women & Gender US in the Middle East Nat, Man&Mach/Amer	(4) (4) (4) (4) (2)	HIST 310 OR HIST 483 HIST 311 OR HIST 484 NO COURSE NO COMPARA HIST 330 NO COURSE submitted NO COMPARA	History of the United (3) States-Honors History of the United (3) States History of the United (3) States-Honors ARTICULATED ABLE COURSE Women in American (3) History ARTICULATED: College has not course(s) for articulation	
HISTORY HISTORY HISTORY HISTORY	17B 18A 72A 72B 80 85	U.S. History U.S. History Race in America to 1865 Am Women & Gender Am Women & Gender US in the Middle East Nat, Man&Mach/Amer	(4) (4) (4) (4) (2) (4)	HIST 310 OR HIST 483 HIST 311 OR HIST 484 NO COURSE NO COMPARA HIST 330 NO COURSE Submitted NO COMPARA NO COMPARA NO COMPARA NO COMPARA NO COMPARA NO COMPARA NO COMPARA NO COMPARA NO COMPARA NO COMPARA NO COMPARA NO COMPARA	History of the United (3) States-Honors History of the United (3) States History of the United (3) States-Honors ARTICULATED ABLE COURSE Women in American (3) History ARTICULATED: College has not course(s) for articulation ABLE COURSE ARTICULATED: College has not	
HISTORY HISTORY HISTORY HISTORY HISTORY HISTORY HISTORY	17B 18A 72A 72B 80 85 1 2 I:	U.S. History U.S. History Race in America to 1865 Am Women & Gender Am Women & Gender US in the Middle East Nat, Man&Mach/Amer G. Introduction to History ntro History of Science	(4) (4) (4) (4) (2) (4) (2) (2) (4)	HIST 310 OR HIST 483 HIST 311 OR HIST 484 NO COURSE NO COMPARA HIST 330 NO COURSE submitted NO COMPARA NO COMPARA Submitted NO COURSE submitted NO COURSE submitted NO COURSE	History of the United (3) States-Honors History of the United (3) States History of the United (3) States-Honors ARTICULATED ABLE COURSE Women in American (3) History ARTICULATED: College has not course(s) for articulation ABLE COURSE ARTICULATED: College has not course(s) for articulation ARTICULATED: College has not course(s) for articulation ARTICULATED: College has not course(s) for articulation ARTICULATED	
HISTORY HISTORY HISTORY HISTORY HISTORY HISTORY	17B 18A 72A 72B 80 85 1 2 I:	U.S. History U.S. History Race in America to 1865 Am Women & Gender Am Women & Gender US in the Middle East Nat, Man&Mach/Amer G. Introduction to History ntro History of Science Cities: Survey of World	(4) (4) (4) (4) (2) (4) (2) (2) (4)	HIST 310 OR HIST 483 HIST 311 OR HIST 484 NO COURSE NO COMPARA HIST 330 NO COURSE submitted NO COMPARA NO COMPARA Submitted NO COURSE submitted NO COURSE submitted NO COURSE	History of the United (3) States-Honors History of the United (3) States History of the United (3) States-Honors ARTICULATED ABLE COURSE Women in American (3) History ARTICULATED: College has not course(s) for articulation ABLE COURSE ARTICULATED: College has not course(s) for articulation	
HISTORY HISTORY HISTORY HISTORY HISTORY HISTORY HISTORY HISTORY	17B 18A 72A 72B 80 85 1 2 I:	U.S. History U.S. History Race in America to 1865 Am Women & Gender Am Women & Gender US in the Middle East Nat, Man&Mach/Amer G. Introduction to History ntro History of Science	(4) (4) (4) (4) (2) (4) (2) (4) (2) (4)	HIST 310 OR HIST 483 HIST 484 OR HIST 484 NO COURSE NO COMPARA HIST 330 NO COURSE submitted NO COMPARA NO COMPARA INO COMPARA INO COMPARA INO COURSE SUBmitted INO COURSE SUBmitted INO COURSE INO COMPARA INO COURSE	History of the United (3) States-Honors History of the United (3) States History of the United (3) States-Honors ARTICULATED ABLE COURSE Women in American (3) History ARTICULATED: College has not course(s) for articulation ABLE COURSE ARTICULATED: College has not course(s) for articulation ARTICULATED: College has not course(s) for articulation ARTICULATED: College has not course(s) for articulation ARTICULATED	

	1350-1850		Civilizations to 1500 HIST 308 History of World (3) Civilizations, 1500 to Present
HISTORY 10C	World History III	(4)	HIST 308 History of World (3) Civilizations, 1500 to Present
HISTORY 11	Hist Jewish People	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HISTORY 12	Food and History	(4)) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HISTORY 13	Global Sexualities	(4)) NO COURSE ARTICULATED
HISTORY 14	Hist Global Capitalism	(4)) NO COURSE ARTICULATED
HISTORY 20	The Vietnam War	(4)) NO COURSE ARTICULATED
HISTORY 90	Research in History	(4)) NO COURSE ARTICULATED

END OF MAJOR

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

Special Advising Note:

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expression, with a grade of C- (or P) or better. The following UC Davis lower-division courses are among those that have been approved to satisfy this requirement: English 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (emphasis in either writing or speaking skills). The English Composition requirement may also be met by achieving a score of 4 or 5 on the Advanced Placement (AP) English examination PLUS completing any previously listed course, EXCEPT English 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

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

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

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

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

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

Select two of the following courses:

ANTHRO 1	Human Evol Biol	(4)	ANTH OF		Physical Anthropology	(3)
			<u> <u> 01</u> ANTH </u>	_	Honors Physical Anthropology	(3)
ANTHRO 2	Cultural Anthropology	(5)	ANTH OF		Cultural Anthropology	(3)
			ANTH	481	Honors Cultural Anthropology	(3)
ANTHRO 15	Human Life Cycle	(5)	PSYC	370	Human Development: A Life Span	(3)
	Select one course from:					
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL	400	Principles of Biology	(5)
	OR				OR	
BIOLSCI 10	Everyday Biology	(4)	'		General Biology	(4)
			_	<u>)R</u>		
	OR		BIOL	300 T	ne Foundations of Biolog OR	y(3)
	OK .		I		OK .	
MIC BIO 10	Natural History of Infectious Diseases	(3)	BIOL 	342	The New Plagues: New and Ancient Infectious Diseases Threatening	(3)

World Health

	OR Human Brain and Disease		·			
	Intro Human Heredity	(4)	·			
Select one course from:						
HISTORY 17A	U.S. History	(4)	HIST 310 History of the United (3) States			
	0.7		OR HIST 483 History of the United (3) States-Honors			
HISTORY 17E	OR B U.S. History	(4)	OR HIST 311 History of the United (3) States			
	OR		OR			
HISTORY 72A	A Am Women & Gender OR	(4)				
HISTORY 72E	Am Women & Gender OR	(4)	HIST 330 Women in American (3) History OR			
POL SCI 1	Amer Natl Govt	(4)	POLS 301 Introduction to (3) Government: United States			
			OR POLS 481			
	Select two of th	ne fo	llowing courses:			
PHILOS 5	Critical Reasoning		PHIL 320 Logic and Critical (3)			
			Reasoning NO COMPARABLE COURSE			
PHILOS 30	Intro Philos of Sci	(4)	NO COMPARABLE COURSE			
PHILOS 31	Scientific Reason	(4)	NO COMPARABLE COURSE			
PHILOS 32 PHILOS 38	Intro Philos of Biol	(4) (4)	NO COMPARABLE COURSE NO COURSE ARTICULATED: College has not			
			submitted course(s) for articulation			
NE PH B 10		(3)	BIOL 430 & Anatomy and Physiology (5) BIOL 431 Anatomy and Physiology (5)			
PSYCH 1	General Psychology	(4)	PSYC 300 General Principles (3)			
			PSYC 480 Honors General (3) Principles			
	Select one of the		owing options:			
PSYCH 41			PSYC 335 Research Methods in (3) Psychology OR			
SOCIOL 46A		(4)	NO COMPARABLE COURSE AND			
SOCIOL 46B	Intro Social Rsch OR	(5)	NO COMPARABLE COURSE OR			
STATIST 10	Statist Thinking OR	(4)	NO COMPARABLE COURSE OR			
STATIST 13	Elementary Statistics	(4)	PSYC 330 Introductory (3)			

Same as: STATIST 13Y		Statistics for the Behavioral Sciences	
	<u>OR</u> STAT 300 	Introduction to Probability and Statistics	(4)

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 $\frac{\text{highly recommended}}{\text{Preparing well for}}$ 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	400		Principles of Biology	(5)
g) BIOLSCI		(5)	 BIOL BIOL BIOL	410 420	&	Principles of Biology Principles of Botany Principles of Zoology	(5) (5) (5)
			BIOL 	415		Introduction to Biology: Biodiversity, Evolution, and Ecology	(5)
	Genl Chemistry		CHEM			General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM				(5)
a	~] ~] .	<i>(</i> - <i>)</i>				General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5) 	CHEM	40⊥ 		General Chemistry	(5)
PHYSICS 9A	Classical Physics	(5)	PHYS 	410		Mechanics of Solids and Fluids	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS	431		Heat, Waves, Light and Modern Physics	(4)
PHYSICS 9C	Classical Physics	(5)	PHYS	421		Electricity and Magnetism	(4)
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)
MATH 22B	Differntl Equations	(3)	MATH	420		Differential Equations	(4)
c) GEOLOGY m)	50 Physical Geology	(3)	 GEOL 	300		Physical Geology	(3)
GEOLOGY 501	Physical Geol Lab	(2)	GEOL	301		Physical Geology Laboratory	(1)

ENGIN 6 Engr Prob Solving
END OF MAJOR

(4) NO COMPARABLE COURSE

g) Students at American River College may take either all of BIOL 400 AND 410 AND 420 OR they may take BIOL 415 to receive credit for BIOLSCI 2B and BIOLSCI 2C at UC Davis,

- $_{\rm C})$ This course is not strictly comparable with UC Davis course but will fulfill the introductory physical geology requirement for the geology major at UC Davis.
- m) If a student takes GEOL 300 at American River College, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

The College of A&ES English Composition requirement for the Bachelor's degree is an element of the UC Davis General Education (GE) pattern. This GE requirement may be satisfied by completing either two courses emphasizing written expression OR one course emphasizing written expression and one course emphasizing oral expression, with a grade of C- (or P) or better. The following UC Davis lower-division courses are among those that have been approved to satisfy this

requirement: English 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (emphasis in either writing or speaking skills). The English Composition requirement may also be met by achieving a score of 4 or 5 on the Advanced Placement (AP) English examination PLUS completing any previously listed course, EXCEPT English 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

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

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

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

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

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

INT AG 10	Intro Intl Ag Development	(4)			ARTICULATED: College has course(s) for articulation	
PL SCI 2	Bot Physio Cul Plt	(4)	NO	COMPAR <i>A</i>	ABLE COURSE	
SOILSCI 10	Soils in Our Environment	(3)	 HOR 	т 302	Soils, Soil Management, and Plant Nutrition	(3)
ECON 1A	Princ of Microecon	(4)	 ECO 	n 304	Principles of Microeconomics AND	(3)
ECON 1B	Princ of Macroecon	(4)	ECO	N 302	Principles of Macroeconomics	(3)
	Elementary Statistics STATIST 13Y	(4)	<u> </u> 	 C 330 OR	Introductory Statistics for the Behavioral Sciences	(3)
	OR		1	T 300	Introduction to Probability and Statistics OR	(4)
SOCIOL 46B	Intro Social Rsch	(5)	NO	COMPARA	ABLE COURSE	
MATH 16A	Short Calculus	(3)	 MAT	 Н 400	Calculus I	(5)
CM&RGDE 1	The Community	(4)	NO	COMPARA	ABLE COURSE	

AGRESEC 15 AN SCI 41	Pop,Envr,World Agri Domestic Ani Prod		!	ABLE COURSE	
AN SCI 41L	Domest An Prod Lab		!		College has not
				course(s)for	
CM&RGDE 20	Food Systems	(4)			College has not
			submitted	course(s)for	articulation
NUTR 10	Discoveries and Concepts	(3)	NUTRI 300	Nutrition	(3)
PL SCI 1	Agr Nature & Society	(3)	NO COMPAR	ABLE COURSE	
PL SCI 15	Intro Sustainable	(4)	NO COURSE	ARTICULATED:	College has not
	Agriculture		submitted	course(s) for	r articulation
PL SCI 49	Org Crop Prod Prac	(3)	NO COURSE	ARTICULATED:	College has not
			submitted	course(s) for	r articulation

FOREIGN LANGUAGE REQUIREMENT:

Students must complete 15-quarter-unit level in one language or pass the foreign language proficiency examination. See $\frac{\text{http://llc.ucdavis.edu/foreign-language-placement-exams}}{\text{exams}}.$

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

Test will a	ulso satisfy this requirement	nt 		
			CIALIZATION: DUCTION OPTION:	
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 400 Principles of I	Biology (5)
g) BIOLSCI	2B Intro Biology: Ecology & Evolution		BIOL 400 & Principles of BIOL 410 Principles of BIOL 420 Principles of OR	Botany (5)
			BIOL 415 Introduction to Biology: Biodic Evolution, and Ecology	versity,
			CHEM 400 General Chemis	
CHEM 2B	Genl Chemistry	(5)	CHEM 400 & General Chemis	
			CHEM 401 General Chemis	try (5)
	TRADE AND ECONOM	IC D	EVELOPMENT OPTION:	
MATH 16B	Short Calculus	(3)	MATH 401 Calculus II	(5)
SOCIOL 1	Intro Sociology	(5)	SOC 300 Introductory Soc	ciology (3)
	OR		SOC 480 Introductory Society - Honors OR	ciology (3)
ANTHRO 2		(5)	ANTH 310 Cultural Anthro	opology (3)
AGRESEC 15	Pop,Envr,World Agri	(4)	ANTH 481 Honors Cultura Anthropology NO COMPARABLE COURSE	1 (3)
			·	
BIOLSCI 2A			ISSUES OPTION: BIOL 400 Principles of I	Biology (5)
	Earth		_	
g) BIOLSCI			BIOL 400 & Principles of	
	Ecology & Evolution		BIOL 410 $\underline{\mathbf{a}}$ Principles of : BIOL 420 Principles of :	
			BIOL 420 Principles of OR	20010gy (5)
			BIOL 415 Introduction to Biology: Biodi Evolution, and Ecology	versity,
ENV S&P 1	Env Analysis	(4)	NO COMPARABLE COURSE	

RURAL COMMUNITIES OPTION:

SOCIOL 1 Intro Sociology (5) SOC 300 Introductory Sociology (3)

OR
SOC 480 Introductory Sociology (3)

- Honors

ANTHRO 2 Cultural Anthropology (5) ANTH 310 Cultural Anthropology (3)

OR
ANTH 481 Honors Cultural (3)

Anthropology

END OF MAJOR

g) Students at American River College may take either all of BIOL 400 AND 410 AND 420 OR they may take BIOL 415 to receive credit for BIOLSCI 2B and BIOLSCI 2C at UC Davis,

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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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.

ANTHRO 2	Cultural Anthropology	(5)	ANTH OF		Cultural Anthropology	(3)
	0.7		ANTH	_	Honors Cultural Anthropology	(3)
ECON 1A	OR Princ of Microecon	(4)	 ECON 	304	OR Principles of Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 	302	Principles of Macroeconomics	(3)
HISTORY	4C Western Civ	(4)	HIST OH		History of Western Civilization	(3)
	OR		<u>ол</u> ніст 	_	History of Western Civilization-Honors	(3)
HISTORY	-	(4)	HIST 	308	History of World Civilizations, 1500 to Present	(3)
POL SCI	2 Intro Comp Politics	(4)	POLS	302	Introduction to Government: Foreign	(3)
POL SCI	3 Internatl Relations	(4)	POLS 	310		(3)
	12Y Data Visualization as: COMUNCN 12Y, PSYCH 12Y su SOCIOL 12Y OR					not
STATIST Same		(4)	 PSYC OH		Introductory Statistics for the Behavioral Sciences	(3)
	OR		STAT	_	Introduction to Probability and Statistics OR	(4)
SOCIOL 4	6B Intro Social Rsch	(5)	NO CO	OMPARAB	LE COURSE	
POL SCI	51 Scientific Study of Politics	(4)	submi	itted c	RTICULATED: College has	on

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

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

ARABIC 1	Elementary Arabic	(5)	NO CO	URSE	ARTICULATED:	College	has not
			submi	tted	course(s) fo	r articul	lation
ARABIC 2	Elem Arabic	(5)	NO CO	URSE	ARTICULATED:	College	has not

		submitted course(s) for articulation
ARABIC 3 Elem Arabic	(5)	NO COURSE ARTICULATED: College has not
ANADIC 5 BICIII ALADIC	())	submitted course(s) for articulation
ARABIC 21 Intermed Arabic	(4)	NO COURSE ARTICULATED: College has not
		submitted course(s) for articulation
ARABIC 22 Intermed Arabic	(4)	NO COURSE ARTICULATED: College has not
ADADIG 02 Technology Anglis	<i>(</i> 4)	submitted course(s) for articulation
ARABIC 23 Intermed Arabic	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
OR		OR
x) CHINESE 1 Elem Chinese	(5)	NO COURSE ARTICULATED: College has not
		submitted course(s) for articulation
x) CHINESE 2 Elem Chinese	(5)	NO COURSE ARTICULATED: College has not
		submitted course(s) for articulation
x) CHINESE 3 Elem Chinese x) CHINESE 4 Inter Chinese		NO COMPARABLE COURSE
x) CHINESE 4 Inter Chinese x) CHINESE 5 Inter Chinese		NO COMPARABLE COURSE NO COMPARABLE COURSE
x) CHINESE 6 Inter Chinese		NO COMPARABLE COURSE
OR	(3)	OR
	(5)	NO COMPARABLE COURSE
x) CHINESE 2CN Mand/Cant Spkrs II		NO COMPARABLE COURSE
		NO COMPARABLE COURSE
OR		OR
		NO COMPARABLE COURSE
x) CHINESE 2BL Accl Wrtn Chinese	(5)	NO COMPARABLE COURSE
II	/ F \	NO COMPARADI EL COURCE
x) CHINESE 3BL Accl Wrtn Chinese	(5)	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	(5)	FREN 411 & Intermediate French (4)
FRENCH 5 ETEMETICALLY FLETCH	(5)	FREN 411 $\underline{\mathbf{k}}$ Intermediate French (4) FREN 412 Intermediate French (4)
FRENCH 21 Intermed French		: ————————————————————————————————————
FRENCH 21 Intermed French FRENCH 22 Intermed French	(5)	FREN 412 Intermediate French (4) NO COMPARABLE COURSE NO COMPARABLE COURSE
FRENCH 21 Intermed French FRENCH 22 Intermed French OR	(5) (5)	FREN 412 Intermediate French (4) NO COMPARABLE COURSE NO COMPARABLE COURSE OR
FRENCH 21 Intermed French FRENCH 22 Intermed French OR GERMAN 1 Elementary German	(5) (5)	FREN 412 Intermediate French (4) NO COMPARABLE COURSE NO COMPARABLE COURSE OR GERM 401 Elementary German (4)
FRENCH 21 Intermed French FRENCH 22 Intermed French OR GERMAN 1 Elementary German GERMAN 2 Elementary German	(5) (5) (5)	FREN 412 Intermediate French (4) NO COMPARABLE COURSE NO COMPARABLE COURSE OR GERM 401 Elementary German (4) GERM 402 Elementary German (4)
FRENCH 21 Intermed French FRENCH 22 Intermed French OR GERMAN 1 Elementary German GERMAN 2 Elementary German GERMAN 3 Elementary German	(5) (5) (5) (5) (5)	FREN 412 Intermediate French (4) NO COMPARABLE COURSE NO COMPARABLE COURSE OR GERM 401 Elementary German (4) GERM 402 Elementary German (4) GERM 411 Intermediate German (4)
FRENCH 21 Intermed French FRENCH 22 Intermed French OR GERMAN 1 Elementary German GERMAN 2 Elementary German GERMAN 3 Elementary German GERMAN 20 Intermediate German	(5) (5) (5) (5) (5) (4)	FREN 412 Intermediate French (4) NO COMPARABLE COURSE NO COMPARABLE COURSE OR GERM 401 Elementary German (4) GERM 402 Elementary German (4) GERM 411 Intermediate German (4) GERM 412 Intermediate German (4)
FRENCH 21 Intermed French FRENCH 22 Intermed French OR GERMAN 1 Elementary German GERMAN 2 Elementary German GERMAN 3 Elementary German	(5) (5) (5) (5) (5) (4)	FREN 412 Intermediate French (4) NO COMPARABLE COURSE NO COMPARABLE COURSE OR GERM 401 Elementary German (4) GERM 402 Elementary German (4) GERM 411 Intermediate German (4)
FRENCH 21 Intermed French FRENCH 22 Intermed French OR GERMAN 1 Elementary German GERMAN 2 Elementary German GERMAN 3 Elementary German GERMAN 20 Intermediate German GERMAN 21 Intermediate German	(5) (5) (5) (5) (5) (4) (4)	FREN 412 Intermediate French (4) NO COMPARABLE COURSE NO COMPARABLE COURSE OR GERM 401 Elementary German (4) GERM 402 Elementary German (4) GERM 411 Intermediate German (4) GERM 412 Intermediate German (4) NO COMPARABLE COURSE
FRENCH 21 Intermed French FRENCH 22 Intermed French OR GERMAN 1 Elementary German GERMAN 2 Elementary German GERMAN 3 Elementary German GERMAN 20 Intermediate German GERMAN 21 Intermediate German OR HEBREW 1 Elem Hebrew	(5) (5) (5) (5) (4) (4)	FREN 412 Intermediate French (4) NO COMPARABLE COURSE NO COMPARABLE COURSE OR GERM 401 Elementary German (4) GERM 402 Elementary German (4) GERM 411 Intermediate German (4) GERM 412 Intermediate German (4) NO COMPARABLE COURSE OR NO COURSE ARTICULATED: College has not submitted course(s) for articulation
FRENCH 21 Intermed French FRENCH 22 Intermed French OR GERMAN 1 Elementary German GERMAN 2 Elementary German GERMAN 3 Elementary German GERMAN 20 Intermediate German GERMAN 21 Intermediate German OR	(5) (5) (5) (5) (4) (4)	FREN 412 Intermediate French (4) NO COMPARABLE COURSE NO COMPARABLE COURSE OR GERM 401 Elementary German (4) GERM 402 Elementary German (4) GERM 411 Intermediate German (4) GERM 412 Intermediate German (4) NO COMPARABLE COURSE OR NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not
FRENCH 21 Intermed French FRENCH 22 Intermed French OR GERMAN 1 Elementary German GERMAN 2 Elementary German GERMAN 3 Elementary German GERMAN 20 Intermediate German GERMAN 21 Intermediate German OR HEBREW 1 Elem Hebrew HEBREW 2 Elem Hebrew	(5) (5) (5) (5) (4) (4) (5)	FREN 412 Intermediate French (4) NO COMPARABLE COURSE NO COMPARABLE COURSE OR GERM 401 Elementary German (4) GERM 402 Elementary German (4) GERM 411 Intermediate German (4) GERM 412 Intermediate German (4) NO COMPARABLE COURSE OR NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
FRENCH 21 Intermed French FRENCH 22 Intermed French OR GERMAN 1 Elementary German GERMAN 2 Elementary German GERMAN 3 Elementary German GERMAN 20 Intermediate German GERMAN 21 Intermediate German OR HEBREW 1 Elem Hebrew	(5) (5) (5) (5) (4) (4) (5)	FREN 412 Intermediate French (4) NO COMPARABLE COURSE NO COMPARABLE COURSE OR GERM 401 Elementary German (4) GERM 402 Elementary German (4) GERM 411 Intermediate German (4) GERM 412 Intermediate German (4) NO COMPARABLE COURSE OR NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not
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HIN-URD 23	Intermed Hindi/Urdu III	(4)	submitted course(s) for articulation 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	(5)	ITAL 401 & Elementary Italian (4)
			ITAL 402 Elementary Italian (4)
ITALIAN 3	Elementary Italian	(5)	ITAL 402 Elementary Italian (4)
ITALIAN 4	Interm Italian	(4)	ITAL 411 Intermediate Italian (4)
ITALIAN 5	Interm Italian	(4)	ITAL 412
	OR		OR
ITALIAN 1	Elementary Italian	(5)	ITAL 401 Elementary Italian (4)
ITALIAN 2	Elementary Italian	(5)	ITAL 401 & Elementary Italian (4)
			ITAL 402 Elementary Italian (4)
ITALIAN 3	Elementary Italian	(5)	ITAL 402
ITALIAN 8A	Italian Convers	(3)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
ITALIAN 8B	Italian Convers	(3)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
	OR		OR
y) JPNESE 1	Elem Japanese	(5)	NO COURSE ARTICULATED: College has not
			submitted course(s)for articulation
y) JPNESE 2	Elem Japanese	(5)	NO COMPARABLE COURSE
y) JPNESE 3	Elem Japanese	(5)	NO COURSE ARTICULATED: College has not
			submitted course(s)for articulation
y) JPNESE 4	Inter Japanese	(5)	NO COMPARABLE COURSE
y) JPNESE 5	Inter Japanese	(5)	NO COMPARABLE COURSE
y) JPNESE 6	Inter Japanese	(5)	NO COMPARABLE COURSE
	OR		OR
PORTUG 1	Elementary Portuguese	(5)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
PORTUG 2	Elementary Portuguese	(5)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
PORTUG 3	Elementary Portuguese	(5)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
PORTUG 21	Intermediate Portuguese	(5)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
PORTUG 22	Intermediate Portuguese	(5)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
	OR		OR
RUSSIAN 1	Elementary Russian		RUSS 402 Elementary Russian (4)
RUSSIAN 2	Elementary Russian	(5)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
RUSSIAN 3	Elementary Russian		NO COMPARABLE COURSE
RUSSIAN 4	Intermed Russian		NO COMPARABLE COURSE
RUSSIAN 5	Intermed Russian	(4)	NO COMPARABLE COURSE

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

	OR		OR	
SPANISH 1	Elementary Spanish	(5)	SPAN 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)
	OR		OR	
SPANISH 31	Int Span Nat Spk I	(5)	NO COMPARABLE COURSE	
SPANISH 32	Int Span Nat Spk II	(5)	NO COMPARABLE COURSE	
SPANISH 33	Int Span Nat Spk III	(5)	NO COMPARABLE COURSE	

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

END OF MAJOR

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

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

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

______ ITALIAN 1 Elementary Italian (5) | ITAL 401 Elementary Italian ITALIAN 2 Elementary Italian (5) | ITAL 401 $\underline{\mathbf{e}}$ Elementary Italian (4)| ITALIAN 3 | Elementary Italian | (4) | ITALIAN 4 | Interm Italian | (4) | ITALIAN 5 | Interm Italian | (4) | ITALIAN 6 | ITALIAN 9 | Reading Italian | (4) | NO COMPARABLE COURSE | (4) | NO COMPARABLE COURSE | (4) | NO COMPARABLE COURSE | (4) | NO COMPARABLE COURSE | (4) | NO COMPARABLE COURSE | (5) | ITALIAN 6 | ITALIAN 9 | Reading Italian | (4) | NO COMPARABLE COURSE | (5) | ITALIAN 6 | ITALIAN 9 | Reading Italian | (4) | NO COMPARABLE COURSE | (5) | ITALIAN 6 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITALIAN 7 | ITAL

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)	NO COURSE ARTICULATED: College has not
					submitted course(s) for articulation
A)	JPNESE	2	Elem Japanese		NO COMPARABLE COURSE
y)	JPNESE	3	Elem Japanese	(5)	NO COURSE ARTICULATED: College has not
					submitted course(s)for articulation
y)	JPNESE	4	Inter Japanese	(5)	NO COMPARABLE COURSE
y)	JPNESE	5	Inter Japanese	(5)	NO COMPARABLE COURSE
y)	JPNESE	6	Inter Japanese	(5)	NO COMPARABLE COURSE

RECOMMENDED COURSES FOR THIS MAJOR:

JPNESE 10	Masterworks in English	(4)	NO COMPARABLE COURSE
JPNESE 25	Language & Culture (in	(4)	NO COMPARABLE COURSE
	English)		
CHINESE 10	Modern Lit (in Engl)	(4)	NO COMPARABLE COURSE
CHINESE 11	Gt Bks China (Engl)	(4)	NO COMPARABLE COURSE
CHINESE 50	Intro to Literature	(4)	NO COMPARABLE COURSE
Same as:	JPNESE 50		
LINGUIS 1	Intro Linguistics	(4)	NO COMPARABLE COURSE
HISTORY 9B	East Asian Civ	(4)	HIST 364 & Asian Civilization (3)
			HIST 365 Asian Civilization (3)

END OF MAJOR

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

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

Special Advising Note:

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

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 Discount (AD) and Tataurational Description (TD) Taradaction Water

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)	SPEECH 301 OR	Public Speaking	(3)
				Persuasive Speech	(3)
ENGLISH 3	Intro to Lit	(4)	ENGWR 301	College Composition and Literature	(3)
			ENGWR 303	Argumentative Writing and Critical Thinking Through Literature	(4)
	OR		ENGWR 481	Honors College Composition and Literature OR	(3)
UWRITING 1	Expository Writing	(4)	ENGWR 300	College Composition	(3)
	OR		ENGWR 480	Honors College Composition OR	(3)
	Style in the Essay JWRITING 18	(4)	ENGWR 302	Advanced Composition and Critical Thinking	(3)
	OR		ENGWR 482	Honors Advanced Composition and Critical Thinking OR	(3)
UWRITING 49 W	riting Research Papers	(4)	NO COMPARAB: 		
g) BIOLSCI 2E	Intro Biology: Ecology & Evolution		BIOL 410 &	Principles of Biology Principles of Botany Principles of Zoology	(5)
			BIOL 415 	Introduction to Biology: Biodiversity, Evolution, and Ecology	(5)

ENVHORT 6 Intro Environ Plants	(4)	HORT 305 OR	Plant Identification-Fall Selections	(3)	
		<u>OK</u> HORT 306 	Plant Identification-Spring Selections	(3)	
ONE COURSE FRO	M T	HE FOLLOWING	:		
MATH 16A Short Calculus STATIST 13 Elementary Statistics Same as: STATIST 13Y		<u> </u> 	Calculus I Introductory Statistics for the Behavioral Sciences	(5)	
		<u>OR</u> STAT 300 	Introduction to Probability and Statistics	(4)	
ENG CS 32A Intro to Programming(4) Formerly ENG CS 10		•	RTICULATED: College has ourse(s) for articulation		
ONE COURSE FRO	OM T	HE FOLLOWING	:		
PHYSICS 1A Principles Physics PHYSICS 10 Topics, Nonscientists	(4) (3) (4) (4)	NO COMPARABI	General Physics	(5)(4)(3)(3)(3)	
LND ARC 1 Intro Environ Design LND ARC 2 Place, Culture, Community LND ARC 3 Sustainable Development LND ARC 21 Landscape Rep I Formerly Design Visualization	(4)	submitted co			
LND ARC 23 Landscape Rep II LND ARC 30 History Environ Design LND ARC 50 Site Ecology LND ARC 60 Landform Grading Studio LND ARC 70 Intro to Spacemaking	(4) (4) (6)	NO COMPARABI	LE COURSE LE COURSE LE COURSE		
Two courses in Arts and Humanities sel Articulation Agreement TB: Arts and Hu agreement)	ıman	ities (www.As	SSIST.org 16-17		
Two courses in Social Sciences selected from the UC Davis GE/Breadth Articulation Agreement TB: Social Sciences.					
END OF MATOR					

- g) Students at American River College may take either all of BIOL 400 AND 410 AND 420 OR they may take BIOL 415 to receive credit for BIOLSCI 2B and BIOLSCI 2C at UC Davis,
- $\mbox{m})$ If a student takes GEOL 300 at American River College, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.

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:

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______ (4) NO COMPARABLE COURSE LINGUIS 1

Intro 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

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

COMUNCN 1	Intro Public Spkg	(4)	SPEECH 30	1 Public Speaking	(3)
	OR		SPEECH 30	2 Persuasive Speech OR	(3)
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	SPEECH 32	1 Interpersonal Communication	(3)
AGRESEC 18	Business Law	(4)	BUS 340	Business Law	(3)
ECON 1A	Princ of Microecon	(4)	ECON 304	Principles of Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 302		(3)
PL SCI 21	Computers in Technology OR	(3)	 NO COMPAR 	ABLE COURSE OR	
B) ENG CS 1	.5 Intro to Computers	(4)	CISC 310	Introduction to Computer Information Science	(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.

	Elem Accounting Elem Accounting					
MATH 16A	Short Calculus	(3)	MATH	400	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH	401	Calculus II	(5)
MATH 16C		(3)	MATH	401	Calculus II	(5)
	OR		ļ		OR	
MATH 17A	Calculus for BioSci	(4)	MATH	355	Calculus for Biology	(4)
					and Medicine I	
MATH 17B	Calculus for Biosci	(4)	MATH	356	Calculus for Biology	(4)
					and Medicine II	
					and nearethe fr	
	OR				OR	
MATH 21A	*	(4)	 MATH	400	OR	(5)
MATH 21A MATH 21B	Calculus			400 401	OR Calculus I	(5) (5)
MATH 21B	Calculus Calculus	(4)	MATH	401	OR Calculus I Calculus II	(5)
MATH 21B STATIST 13	Calculus Calculus Elementary Statistics	(4)	MATH	401	OR Calculus I Calculus II Introductory	
MATH 21B STATIST 13	Calculus Calculus	(4)	MATH	401	OR Calculus I Calculus II	(5)
MATH 21B STATIST 13	Calculus Calculus Elementary Statistics	(4)	MATH PSYC 	401 330	OR Calculus I Calculus II Introductory Statistics for the	(5)
MATH 21B STATIST 13	Calculus Calculus Elementary Statistics	(4)	MATH PSYC 	401 330	OR Calculus I Calculus II Introductory Statistics for the Behavioral Sciences	(5)
MATH 21B STATIST 13	Calculus Calculus Elementary Statistics	(4)	MATH PSYC 	401 330	OR Calculus I Calculus II Introductory Statistics for the Behavioral Sciences Introduction to	(5)
MATH 21B STATIST 13	Calculus Calculus Elementary Statistics	(4)	MATH PSYC 	401 330	OR Calculus I Calculus II Introductory Statistics for the Behavioral Sciences	(5)

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:

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL	400	Principles of Biology	(5)
g) BIOLSCI		(5)	BTOL	400 &	Principles of Biology	(5)
3, 2102001	Ecology & Evolution			410 &	_	(5)
	regress a regranding		BIOL		Principles of Zoology	
			OI		rringiples or legiogy	(3)
			BIOL	_	Introduction to	(5)
			i		Biology: Biodiversity,	(-)
			i		Evolution, and	
			i		Ecology	
g) BIOLSCI	2C Intro Biology:	(5)	BIOL	410 &		(5)
5,	Biodiversity & the			420		
	Tree of Life		OI		1 31	. ,
			BIOL		Introduction to	(5)
			İ		Biology: Biodiversity,	. ,
			İ		Evolution, and	
			İ		Ecology	
CHEM 2A	Genl Chemistry	(5)	CHEM	400	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM	400 &	General Chemistry	(5)
			CHEM	401	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM	401	General Chemistry	(5)
MATH 16A	Short Calculus	(3)	MATH	400	Calculus I	(5)
MATH 16B	Short Calculus		MATH		Calculus II	(5)
MATH 16C	Short Calculus	(3)	MATH	401	Calculus II	(5)
	OR				OR	
MATH 17A	Calculus for BioSci	(4)	MATH	355	Calculus for Biology	(4)
					and Medicine I	
MATH 17B	Calculus for Biosci	(4)	MATH	356	Calculus for Biology	(4)
					and Medicine II	
MATH 17C	Calculus for BioSci	(4)	MATH	356	Calculus for Biology	(4)
					and Medicine II	
	OR				OR	
MATH 21A	Calculus			400	Calculus I	(5)
MATH 21B	Calculus			401	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH	402	Calculus III	(5)
PHYSICS 7A	General Physics	(4)		250.	Comment Discordance	
PHISICS /A	General Physics	(4)			General Physics	(4)
DIEVATAG 7D	Comment Discoving	(4)			General Physics	(4)
PHYSICS 7B	General Physics	(4)			General Physics	(4)
DIII.	G 1 71 '	(4)			General Physics	(4)
PHYSICS 7C	General Physics	(4)			General Physics	(4)
- · · · · · · · · · · · · · · · · · · ·				360		(4)
	y recommended that student					/D / G
	unity college that is equiv					
	ore transferring. Students					
	be required to take additi					
	will need to meet with a U	ic Da	vis ac	dvisor	before continuing with	
physics.	OR		ı		OD	
DIEVETAC ON	OR	/ E \		410	OR	/ E \
PHYSICS 9A	Classical Physics	(5)	PHYS	410	Mechanics of Solids	(5)
DUVCTOC OD	Classical Physics	/ E \		121	and Fluids	(1)
PHYSICS 9B	Classical Physics	(C)	PHYS	42T	Heat, Waves, Light and	(1)
DIMOTOG CO	Classical Physics	/ F \		101	Modern Physics	(1)
PHYSICS 9C	Classical Physics	(3)	PHYS	4 ∠⊥	Electricity and	(4)
			I 		Magnetism	

EVOL&EC 12	Life in the Sea	(3)	NO COURSE submitted	ARTICULATED: course(s)for	College has not articulation
GEOLOGY 16	The Oceans				College has not rarticulation

END OF MAJOR

g) Students at American River College may take either all of BIOL 400 AND 410 AND 420 OR they may take BIOL 415 to receive credit for BIOLSCI 2B and BIOLSCI 2C at UC Davis,

====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 <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 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.

______ Intro Biology:Life on (5) BIOL 400 Principles of Biology (5) BIOLSCI 2A Earth Intro Biology: g) BIOLSCI 2B (5) BIOL 400 & Principles of Biology (5) BIOL 410 & Principles of Botany Ecology & Evolution BIOL 420 Principles of Zoology (5) OR BIOL 415 Introduction to (5) Biology: Biodiversity, Evolution, and Ecology Intro Biology: (5) BIOL 410 & Principles of Botany (5) Biodiversity & the BIOL 420 Principles of Zoology (5) g) BIOLSCI 2C

CHEM 2A Genl Chemistry (5) CHEM 400 General Chemistry (5) CHEM 2B Genl Chemistry (5) CHEM 401 General Chemistry (5) CHEM 401 General Chemistry (5) CHEM 401 General Chemistry (5) CHEM 401 AND AND AND CHEM 8A Organic Chem-Brief (2) CHEM 423 Organic Chemistry (5) Short Survey CHEM 8B Organic Chem-Brief (4) CHEM 423 Organic Chemistry (5) Short Survey MATH 17A Calculus for BioSci (4) MATH 355 Calculus for Biology (4) and Medicine I MATH 17B Calculus for Biosci (4) MATH 356 Calculus for Biology (4) and Medicine II MATH 17C Calculus for BioSci (4) MATH 356 Calculus for Biology (4) and Medicine II MATH 21A Calculus (4) MATH 400 Calculus I (5) MATH 21B Calculus (4) MATH 401 Calculus I (5) MATH 21B Calculus (4) MATH 401 Calculus I (5) MATH 21B Calculus (4) MATH 401 Calculus I (5) MATH 21B Calculus (4) MATH 401 Calculus I (5) MATH 21B Calculus (4) MATH 401 Calculus I (4) MATH 401 Calculu		<u>OF</u> BIOL 	=		Introduction to Biology: Biodiversity, Evolution, and Ecology	(5)		
CHEM 401 General Chemistry (5) CHEM 401 General Chemistry (5) AND AND AND AND AND CHEM 8A Organic Chem-Brief (2) CHEM 423 Organic Chemistry - (5) Short Survey CHEM 8B Organic Chem-Brief (4) CHEM 423 Organic Chemistry - (5) Short Survey CHEM 8B Organic Chem-Brief (4) CHEM 423 Organic Chemistry - (5) Short Survey CHEM 8B Organic Chem-Brief (4) MATH 355 Calculus for Biology (4) CHEM 423 Organic Chemistry - (5) Short Survey CHEM 8B Organic Chem-Brief (4) MATH 356 Calculus for Biology (4) CHEM 423 Organic Chemistry - (5) Organic Chemistry - (5) Organic Chemistry - (5) Short Survey Organic Chemistry - (5) Org	CHEM 2A	Genl Chemistry	· (5)	 CHEM	400		General Chemistry	(5)
CHEM 2C Genl Chemistry	CHEM 2B	Genl Chemistry	(5)			_	2	
CHEM 8B Organic Chem-Brief (4) CHEM 423 Organic Chemistry - (5) Short Survey MATH 17A Calculus for BioSci (4) MATH 355 Calculus for Biology (4) and Medicine I MATH 17B Calculus for Biosci (4) MATH 356 Calculus for Biology (4) and Medicine II MATH 17C Calculus for BioSci (4) MATH 356 Calculus for Biology (4) and Medicine II OR OR MATH 21A Calculus (4) MATH 400 Calculus I (5) MATH 21B Calculus (4) MATH 401 Calculus I (5) PHYSICS 7A General Physics (4) PHYS 350 General Physics (4) General Physics (4) PHYS 360 General Physics (4) PHYSICS 7B General Physics (4) PHYS 350 General Physics (4) PHYSICS 7C General Physics (4) PHYS 350 General Physics (4)	CHEM 2C	-	(5)	CHEM	401		General Chemistry	
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MATH 17B Calculus for Biosci (4) MATH 356 Calculus for Biology and Medicine II MATH 17C Calculus for BioSci (4) MATH 356 Calculus for Biology and Medicine II 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) PHYSICS 7B General Physics (4) PHYS 350 & General Physics (4) PHYSICS 7C General Physics (4) PHYS 350 & General Physics (4) PHYSICS 7C General Physics (4) PHYS 350 & General Physics (4)	MATH 17	Calculus for BioSci	(4)	 MATH 	355			(4)
MATH 17C Calculus for BioSci OR MATH 21A Calculus Calculus (4) MATH 400 Calculus I (5) MATH 21B Calculus (4) MATH 401 Calculus II (5) PHYSICS 7A General Physics (4) PHYS 360 PHYSICS 7B General Physics (4) PHYS 360 PHYS 360 General Physics (4) PHYS 360 PHYS 360 General Physics (4) PHYS 350 General Physics (4) PHYS 360 General Physics (4) PHYS 360 General Physics (4) PHYS 350 General Physics (4) PHYS 350 General Physics (4) PHYS 350 General Physics (4) PHYS 350 General Physics (4) PHYS 350 General Physics (4) PHYS 350 General Physics (4) PHYS 350 General Physics (4) PHYS 350 General Physics (4) PHYS 350 General Physics (4) PHYS 350 General Physics (4) PHYS 350 General Physics (4) PHYS 350 General Physics (4) PHYS 350 General Physics	MATH 17E	Calculus for Biosci	(4)	 MATH 	356		Calculus for Biology	(4)
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) PHYSICS 7B General Physics (4) PHYS 350 & General Physics (4) PHYSICS 7C General Physics (4) PHYS 350 & General Physics (4) PHYSICS 7C General Physics (4) PHYS 350 & General Physics (4)	MATH 170	Calculus for BioSci	(4)	 MATH 	356		Calculus for Biology	(4)
MATH 21B Calculus (4) MATH 401 Calculus II (5) PHYSICS 7A General Physics (4) PHYS 350 & General Physics General Physics (4) PHYSICS 7B General Physics (4) PHYS 350 & General Physics General Physics (4) PHYSICS 7C General Physics (4) PHYS 350 & General Physics General Physics (4)		OR		! 				
PHYSICS 7A General Physics (4) PHYS 350 & General Physics (4) PHYS 360 General Physics (4) PHYS 360 General Physics (4) PHYS 350 & General Physics (4) PHYS 360 General Physics (4) PHYS 360 General Physics (4) PHYS 350 & General Physics (4) PHYS 350	MATH 21A	Calculus					Calculus I	
PHYSICS 7B 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)	MATH 21E	3 Calculus	(4)	MATH	401		Calculus II	(5)
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)	PHYSICS	7A General Physics	(4)					(4)
PHYSICS 7C General Physics (4) PHYS 360 General Physics (4) PHYS 350 & General Physics (4)							-	
PHYSICS 7C General Physics (4) PHYS 350 & General Physics (4)	PHYSICS	7B General Physics	(4)				-	
	DHVCTCC	7C Canaral Physics	(4)				-	
	THIBICD	7C General Impores	(1)			_		
It is highly recommended that students complete an entire physics series at	It is hi	ghly recommended that studen	ts cor				<u>-</u>	` '
their community college that is equivalent to the entire UC Davis Physics 7A/B/C	their co	ommunity college that is equi-	valen	to t	the e	enti	ire UC Davis Physics 7A,	/B/C
series before transferring. Students who transfer without completing an entire								ce
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			UC Dar	vis ac	dviso	or k	petore continuing with	
physics. OR OR	pnysics.			I			OP	

1 1		OR					OR	
PHYSICS	9A	Classical	Physics	(5)	PHYS	410	Mechanics of Solids and Fluids	(5)
PHYSICS	9B	Classical	Physics	(5)	PHYS	431	Heat, Waves, Light and Modern Physics	(4)
PHYSICS	9C	Classical	Physics	(5)	PHYS	421	Electricity and Magnetism	(4)

STRONGLY RECOMMENDED:

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

END OF MAJOR

g) Students at American River College may take either all of BIOL 400 AND 410 AND 420 OR they may take BIOL 415 to receive credit for BIOLSCI 2B and BIOLSCI 2C at UC Davis,

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.

Advanged Discount (AD) and International Regardaments (ID) Eveningtion Notes

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 2		ntro Biology:Life	on (5)	BIOL	400		Principles of Biology	(5)
g) BIOLSO	I 2B	Intro Biology: Ecology & Evolut			410 420	<u>&</u>	Principles of Biology Principles of Botany Principles of Zoology	(5) (5) (5)
				BIOL 	415		<pre>Introduction to Biology: Biodiversity, Evolution, and Ecology</pre>	(5)
g) BIOLSO	I 2C	Intro Biology: Biodiversity & t Tree of Life		BIOL BIOL OI	420	_	Principles of Botany Principles of Zoology	(5) (5)
				BIOL	415		Introduction to Biology: Biodiversity, Evolution, and Ecology	(5)
CHEM 2A CHEM 2B		Chemistry Chemistry	, ,	 CHEM CHEM	400	_	General Chemistry General Chemistry General Chemistry	(5) (5) (5)
CHEM 2C	Genl	Chemistry	(5)	-			General Chemistry	(5)
MATH 16A MATH 16B MATH 16C	Shor	t Calculus t Calculus t Calculus OR	(3)	MATH MATH MATH MATH	401		Calculus I Calculus II Calculus II	(5) (5) (5)
MATH 17A	Calc	culus for BioSci	(4)	 MATH 	355		Calculus for Biology and Medicine I	(4)

MATH 17B	Calculus f	or Biosci	(4)	MATH 	356		Calculus for Biology and Medicine II	(4)
MATH 17C	Calculus f	or BioSci	(4)	MATH 	356		Calculus for Biology and Medicine II	(4)
	OR			İ			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	<u>&</u>	General Physics	(4)
				PHYS	360		General Physics	(4)
PHYSICS 7B	General	Physics	(4)	PHYS	350	<u>&</u>	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 and Fluids	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS	431	Heat, Waves, Light and Modern Physics	(4)
PHYSICS 9C	Classical Physics	(5)	PHYS	421	Electricity and Magnetism	(4)

STRONGLY RECOMMENDED:

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

END OF MAJOR

g) Students at American River College may take either all of BIOL 400 AND 410 AND 420 OR they may take BIOL 415 to receive credit for BIOLSCI 2B and BIOLSCI 2C at UC Davis,

====Marine and Coastal Science B.S. (Oceans and the Earth System)==== Special Advising Note:

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

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

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.

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

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

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BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 400		Principles of Biology	(5)
g) BIOLSCI 2		(5)	BIOL 400 BIOL 410 BIOL 420	&	Principles of Biology Principles of Botany Principles of Zoology	(5) (5) (5)
			BIOL 415 		<pre>Introduction to Biology: Biodiversity, Evolution, and Ecology</pre>	(5)
g) BIOLSCI 2	C Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 410 BIOL 420 OR	_	Principles of Botany Principles of Zoology	(5) (5)
			BIOL 415 		Introduction to Biology: Biodiversity, Evolution, and Ecology	(5)
	enl Chemistry enl Chemistry		CHEM 400 CHEM 400 CHEM 401		General Chemistry General Chemistry General Chemistry	(5) (5) (5)

CHEM 2C	Genl Chemistry	(5)	CHEM	401	General Chemistry (5)
MATH 16A	Short Calculus	(3)	 MATH	400	Calculus I (5)
MATH 16B	Short Calculus	(3)	MATH	401	Calculus II (5)
MATH 16C	Short Calculus OR	(3)	MATH	401	Calculus II (5) OR
MATH 17A	Calculus for BioSci	(4)	MATH	355	Calculus for Biology (4) and Medicine I
MATH 17B	Calculus for Biosci	(4)	MATH	356	Calculus for Biology (4) and Medicine II
MATH 17C	Calculus for BioSci	(4)	MATH	356	Calculus for Biology (4) and Medicine II
	OR		j		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	<u>&</u> 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	$\underline{\&}$ 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.

	OR				OR	
PHYSICS 9A	Classical	Physics (5)	PHYS	410	Mechanics of Solids and Fluids	(5)
PHYSICS 9B	Classical	Physics (5)	PHYS	431	Heat, Waves, Light and Modern Physics	(4)
PHYSICS 9C	Classical	Physics (5)	PHYS	421	Electricity and Magnetism	(4)

STRONGLY RECOMMENDED:

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

END OF MAJOR

g) Students at American River College may take either all of BIOL 400 AND 410 AND 420 OR they may take BIOL 415 to receive credit for BIOLSCI 2B and BIOLSCI 2C at UC Davis,

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

Special Advising Note:

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

For information concerning satisfaction of UC Davis GE requirements, please go to the For General Education/Breadth section of ASSIST and select any GE area

from the pull-down menu or view the "General Education" section of the 2018-19 UC Davis General Catalog online.

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

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

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

END OF MAJOR

====Mathematical & Scientific Computation B.S.==== Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

Recommended Language Preparation Note:

Bachelor of Science degree candidates are advised, but not required, to satisfy the same language requirement as that for a Bachelor of Arts degree candidate, and to fulfill it in French, German or Russian. View the <u>UC Davis General</u> Catalog for additional information about the Foreign Language and Area

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		j		OR	
MATH	17A	Calculus for BioSci	(4)	MATH	355	Calculus for Biology and Medicine I	(4)
MATH	17B	Calculus for Biosci	(4)	MATH	356	Calculus for Biology and Medicine II	(4)
MATH	17C	Calculus for BioSci	(4)	MATH 	356	Calculus for Biology and Medicine II	(4)
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	DURSE	ARTICULATED: College has	not
				submi	itted	course(s) for articulation	1

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).

ROTH	OF	THE	FOLLOWING	COHRSES.

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:

	OK DEHECT	THE FOLLOWING COOKSE.
MATH 67	Modern Linear Algebra	(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	Intro to Programming(4) ly ENG CS 10	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ENGIN 6	Engr Prob Solving	(4) NO COMPARABLE COURSE

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====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

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

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

or equivalent basic knowledge of MATLAB.

NOTE: Basic knowledge of MATLAB is required for both MATH 67 and 22A. Students can learn it on their own, enroll in Engineering 6, Mechanical Engineering 5 or in the one unit course Mathematics 22AL (may be taken concurrently).						
	BOTH OF THI	FOLLOWING COURSES:				
MATH 22A	Linear Algebra	(3) MATH 410 Introduction to Line Algebra	ear (3)			
	AND	AND				
MATH 108	Intro Abstract Math	(4) This course must be taken at UC	Davis			
MATH 67		THE FOLLOWING COURSE: (4) NO COURSE ARTICULATED: College here are course(s) for articulations.				
	A Intro to Programming(4) rly ENG CS 10 OR	NO COURSE ARTICULATED: College h submitted course(s) for articula OR				
ENGIN 6	Engr Prob Solving	(4) NO COMPARABLE COURSE				
ECON 1A	Princ of Microecon	(4) ECON 304 Principles of Microeconomics	(3)			
ECON 1B	Princ of Macroecon	(4) ECON 302 Principles of Macroeconomics	(3)			

END OF MAJOR

====Mathematics A.B.====

Special Advising Note:

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

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

Special Advising Note for future applicants:*

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

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

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

- -Mathematics 21A/B/C/D
- -Mathematics 22A or Mathematics 67
- -Mathematics 22B

*Information for future applicants is subject to change

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

College Foreign Language Requirement Note:

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

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.

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	Different	ial	Equati	.ons	(4)
MATH	22AL	Lin Alg Comp Lab	(1)	NO CO	URSE	ARTICULATEI): C	ollege	has	not
				submi	itted	course(s)fo	or ai	rticula	utior	ı

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)		ARTICULATED: College has not course(s) for articulation
ENG CS 32A	Intro to $Programming(4)$		NO COURSE	ARTICULATED: College has not
Former	ly ENG CS 10		submitted	course(s) for articulation
	OR			OR
ENGIN 6	Engr Prob Solving	(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.

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

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

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

______ (4) | MATH 400 Calculus I (4) | MATH 401 Calculus II MATH 21A Calculus MATH 21B Calculus MATH 21C Calculus (5) (4)|MATH 402 Calculus III

MATH 21D Vector Analysis (4) MATH 402 Calculus III (5)
MATH 22B Differentl Equations (3) MATH 420 Differential Equations (4)
MATH 22AL Lin Alg Comp Lab (1) NO COURSE ARTICULATED: College has not

|submitted course(s)for articulation or equivalent basic knowledge of MATLAB.

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

BOTH OF THE FOLLOWING COURSES:

MATH 22A Linear Algebra (3) MATH 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 COURSE ARTICULATED: College has not |submitted course(s) for articulation ______

ENG CS 32A Intro to Programming(4) | NO COURSE ARTICULATED: College has not Formerly ENG CS 10 | submitted course(s) for articulation Formerly ENG CS 10 OR

|submitted course(s) for articulation | OR

ENGIN 6 Engr Prob Solving (4) NO COMPARABLE COURSE

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

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====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.

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:

HUMAN 1 Humanities Forum

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

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

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

MEDV-ST 20A			NO COMPARABLE COURSE
MEDV-ST 20B			NO COMPARABLE COURSE
	THREE COURSES	FROM	THE FOLLOWING:
ARTHI 1B	Mediev&Renaiss Art	(4)	ARTH 308 Renaissance Tradition (3)
ARTHI 1C	Baroque to Modern Art	(4)	ARTH 310 Modern Art (3) OR
			ARTH 334 International (3)
ARTHI 1E	Islamic Art & Architecture	(4)	ARTH 333 Introduction to (3) Islamic Art
COMPLIT 2	Major Books-Middle Ages to Enlightenment	(4)	ENGLT 340 & World Literature I (3) ENGLT 341 World Literature II (3)
COMPLIT 10A		(2)	NO COURSE ARTICULATED: College has not
COMPLIT 10B	Master Authors	(2)	NO COURSE ARTICULATED: College has not
COMPLIT 10C	Master Authors	(2)	NO COURSE ARTICULATED: College has not
COMPLIT 10D	Master Authors	(2)	NO COURSE ARTICULATED: College has not
COMPLIT 10E	Master Authors	(2)	NO COURSE ARTICULATED: College has not
ENGLISH 10A	3	(4)	
GERMAN 48	Myth & Saga	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HISTORY 4A	Western Civ	(4)	HIST 300 History of Western (3) Civilization
			OR
			HIST 480 History of Western (3) Civilization-Honors
HISTORY 4B	Western Civ	(4)	HIST 300 History of Western (3) Civilization
			<u>OR</u>
			HIST 480 & History of Western (3) Civilization-Honors
			HIST 302 History of Western (3) Civilization
			OR
			HIST 481 History of Western (3) Civilization-Honors
COMPLIT 2 COMPLIT 10A COMPLIT 10B COMPLIT 10C COMPLIT 10D COMPLIT 10E ENGLISH 10A GERMAN 48 HISTORY 4A	Architecture Major Books-Middle Ages to Enlightenment Master Authors Master Authors Master Authors Master Authors Master Authors Literatures in English I: To 1700 Myth & Saga Western Civ	 (4) (2) (2) (2) (2) (4) (4) 	Islamic Art ENGLT 340 & World Literature I (3 ENGLT 341 World Literature II (3 NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation ENGLT 310 English Literature I (3 NO COURSE ARTICULATED: College has not submitted course(s) for articulation HIST 300 History of Western (3 Civilization OR HIST 480 History of Western (3 Civilization HONO COURSE HIST 300 History of Western (3 Civilization HIST 300 History of Western (3 Civilization OR HIST 480 History of Western (3 Civilization HIST 302 History of Western (3 Civilization HIST 304 History of Western (3 Civilization HIST 305 History of Western (3 Civilization OR HIST 306 History of Western (3 Civilization HIST 307 History of Western (3 Civilization OR HIST 308 History of Western (3 Civilization OR HIST 309 History of Western (3 Civilization OR HIST 481 History of Western (3 Civilization OR HIST 481 History of Western (3 Civilization OR HIST 481 History of Western (3 Civilization OR HIST 481 History of Western (3 Civilization OR HIST 481 History of Western (3 Civilization OR HIST 481 History of Western (3 Civilization OR HIST 481 History of Western (3 Civilization OR HIST 481 HIST

(2) NO COURSE ARTICULATED: College has not

			submitted	course(s) for articulati	.on
HUMAN 9	Don Quixote	(2)	NO COURSE	ARTICULATED: College has	not
			submitted	course(s) for articulati	.on
PHILOS 21	Phil Classics: Ancient	(4)	PHIL 330	History of Classical	(3)
				Philosophy	
PHILOS 22	Phil Classics: Modern	(4)	PHIL 331	History of Modern	(3)
			ĺ	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 UC Transfer Admission webpage. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

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______
BIOLSCI 2A Intro Biology:Life on (5) BIOL 400 Principles of Biology (5)
        Earth
g) BIOLSCI 2B Intro Biology: (5) BIOL 400 & Principles of Biology (5)
           Ecology & Evolution | BIOL 410 & Principles of Botany
                             BIOL 420 Principles of Zoology (5)
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g) BIOLSCI	2C Intro Biology: Biodiversity & the Tree of Life	OR BIOL 415 Introduction to Biology: Biodiversi Evolution, and Ecology Ecology Principles of Botar BIOL 420 Principles of Zoology OR BIOL 415 Introduction to Biology: Biodiversi Evolution, and Ecology	ny (5) ogy (5)
CHEM 2A CHEM 2B	Genl Chemistry Genl Chemistry	(5) CHEM 400 General Chemistry (5) CHEM 400 General Chemistry CHEM 401 General Chemistry	(5) (5) (5)
CHEM 8A	Organic Chem-Brief Organic Chem-Brief OR	(2) CHEM 423 Organic Chemistry - Short Survey (4) CHEM 423 Organic Chemistry - Short Survey OR	
CHEM 118A CHEM 118B	Org Chem, Hlth & Sci Org Chem, Hlth & Sci Org Chem, Hlth & Sci	(4) CHEM 420 Organic Chemistry (4) CHEM 421 Organic Chemistry CHEM 421 Organic Chemistry (4) CHEM 421 Organic Chemistry	(5) (5) (5)
MATH 17A MATH 17B	Calculus for BioSci Calculus for Biosci OR	(4) MATH 355 Calculus for Biolog and Medicine I (4) MATH 356 Calculus for Biolog and Medicine II OR	
MATH 21A MATH 21B	Calculus Calculus	(4) MATH 400 Calculus I (4) MATH 401 Calculus II	(5)
PHYSICS 1A PHYSICS 1B	±	(3) PHYS 350 General Physics (3) PHYS 360 General Physics OR	(4)
PHYSICS 7A PHYSICS 7B	General Physics General Physics	(4) PHYS 350 & General Physics PHYS 360 General Physics (4) PHYS 350 & General Physics	(4) (4) (4)
PHYSICS 7C	General Physics	PHYS 360 General Physics PHYS 350 & General Physics PHYS 360 General Physics General Physics	(4) (4) (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

g) Students at American River College may take either all of BIOL 400 AND 410 AND 420 OR they may take BIOL 415 to receive credit for BIOLSCI 2B and BIOLSCI 2C at UC Davis,

====Microbiology B.S.====

Special Advising Note:

The following majors in the College of the Biological Sciences--biochemistry and molecular biology; biological sciences; cell biology; evolution, ecology, and biodiversity; genetics and genomics; marine and coastal science (marine ecology)

& organismal biology); microbiology; neurobiology, physiology, and behavior; and plant biology--are selective and require preparatory coursework for admission. Any required courses that are offered at your current campus must be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses are not offered at your college, you must complete them after enrolling at UC Davis.

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

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

Education(GE) Note:

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 $\underline{\text{General Catalog}}$. 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	400		Principles of Biology	(5)
g) BIOLSCI		(5)	BIOL BIOL BIOL OI	410 420		Principles of Biology Principles of Botany Principles of Zoology	(5) (5) (5)
			<u>O</u> BIOL 	_		Introduction to Biology: Biodiversity, Evolution, and Ecology	(5)
g) BIOLSCI	51	(5)	BIOL		<u>&</u>	Principles of Botany	(5)
	Biodiversity & the Tree of Life		BIOL OI			Principles of Zoology	(5)
			BIOL	415		Introduction to Biology: Biodiversity, Evolution, and Ecology	(5)
CHEM 2A	Genl Chemistry		СНЕМ			General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM		_	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM			General Chemistry General Chemistry	(5) (5)
	-					-	
CHEM 8A	Organic Chem-Brief	(2)	CHEM	423		Organic Chemistry - Short Survey	(5)
CHEM 8B	Organic Chem-Brief OR	(4)	CHEM 	423		Organic Chemistry - Short Survey OR	(5)
CHEM 118A	Org Chem, Hlth & Sci	(4)	 CHEM	420		Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci		CHEM		<u>&</u>	Organic Chemistry	(5)
			CHEM			Organic Chemistry	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM	421 		Organic Chemistry	(5)
MATH 17A	Calculus for BioSci	(4)	MATH	355		Calculus for Biology and Medicine I	(4)
MATH 17B	Calculus for Biosci	(4)	MATH	356		Calculus for Biology	(4)
MATH 17C	Calculus for BioSci	(4)	 MATH 	356		and Medicine II Calculus for Biology and Medicine II	(4)
MARIT 01a	OR Coloulus	(1)	 M 2 mm	400		OR	(C)
MATH 21A MATH 21B	Calculus Calculus		MATH MATH			Calculus I Calculus II	(5) (5)
PHYSICS 7A			<u>.</u>				
FUIDICD /A	General Physics	(1)	PHYS		<u>«</u>	General Physics General Physics	(4) (4)
PHYSICS 7B	General Physics	(4)	PHYS	350	<u>&</u>	General Physics	(4)
			PHYS	360		General Physics	(4)

PHYSICS 7C General Physics (4) PHYS 350 & General Physics (4)

PHYS 360 General Physics

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

MIC BIO 91 Intro Research (1) NO COURSE ARTICULATED

RECOMMENDED:

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

END OF MAJOR

g) Students at American River College may take either all of BIOL 400 AND 410 AND 420 OR they may take BIOL 415 to receive credit for BIOLSCI 2B and BIOLSCI 2C at UC Davis,

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

<u>General Catalog</u> . Quick reference charts for \overline{AP} and \overline{IB} are also available from our TAG website.						
HISTORY 6 Intro to Middle East	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation				
HISTORY 8 Indian Civilization	(4)	NO COMPARABLE COURSE				
TWO YEARS (OR THE EQUIVALENT)	OF A	RABIC, HEBREW, OR HINDI/URDU:				
ARABIC 1 Elementary Arabic	(5)	NO COURSE ARTICULATED: College has not				
ARABIC 2 Elem Arabic	/ E \	submitted course(s) for articulation				
ARABIC 2 Elem Arabic	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation				
ARABIC 3 Elem Arabic	(5)	NO COURSE ARTICULATED: College has not				
	(-)	submitted course(s) for articulation				
ARABIC 21 Intermed Arabic	(4)	NO COURSE ARTICULATED: College has not				
		submitted course(s) for articulation				
ARABIC 22 Intermed Arabic	(4)	NO COURSE ARTICULATED: College has not				
	(4)	submitted course(s) for articulation				
ARABIC 23 Intermed Arabic	(4)	NO COURSE ARTICULATED: College has not				
OR		submitted course(s) for articulation OR				
HEBREW 1 Elem Hebrew	(5)	NO COURSE ARTICULATED: College has not				
HEBREW I BICH HODICW	(3)	submitted course(s) for articulation				
HEBREW 2 Elem Hebrew	(5)	NO COURSE ARTICULATED: College has not				
		submitted course(s) for articulation				
HEBREW 3 Elem Hebrew	(5)	NO COURSE ARTICULATED: College has not				
		submitted course(s) for articulation				
HEBREW 21 Intermed Modern Hebrew I	(4)	NO COURSE ARTICULATED: College has not				
	(1)	submitted course(s) for articulation				
HEBREW 22 Intermed Modern Hebrew II	(4)	NO COURSE ARTICULATED: College has not				
HEBREW 23 Intermed Modern Hebrew III	(4)	submitted course(s) for articulation				
OR	. (1)	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				
	(4)	submitted course(s) for articulation				
HIN-URD 21 Intermed Hindi/Urdu I	(4)	NO COURSE ARTICULATED: College has not				
HIN-URD 22 Intermed Hindi/Urdu II	(1)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not				
HIN-ORD 22 Incermed Hindi/Ordu II	(+)	submitted course(s) for articulation				
HIN-URD 23 Intermed Hindi/Urdu III	(4)	NO COURSE ARTICULATED: College has not				
11211 0112 20 21100211100 11211027, 01 00 212	(- /	submitted course(s) for articulation				
		ONAL LANGUAGES ACCEPTED WITH PETITION.				
		ELECTIVES:				
ARTHI 1E Islamic Art &	(4)	ARTH 333 Introduction to (3)				
Architecture		Islamic Art				
		NO COMPARABLE COURSE				
COMPLIT 53B Lit of South Asia	(4)	NO COURSE ARTICULATED: College has not				

COMPLIT 53C

Lit of the Islamic

World

|submitted course(s) for articulation

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

REL STD 21	The Bible	(4)	HUM 360 Introduction to the Old (3) Testament (The Hebrew Bible)
REL STD 23	Intro Judaism	(4)	NO COMPARABLE COURSE
REL STD 60	Introduction to Islam	(4)	NO COMPARABLE COURSE
REL STD 65C	The Qur'an and Its	(4)	NO COURSE ARTICULATED: College has not
	Interpretation		submitted course(s) for articulation
REL STD 68	Hinduism	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
Or additional	lower-division courses	in a	Middle Eastern or South Asian language

END OF MAJOR

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

Special Advising Note:

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

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

Diagnostic Examination Note:

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

Advanced F	Placement (AP)and Internati	ional	Baccalaureate (IB) Examination Note:	
			detailed in the UC Davis 2018-19	
	<u>stalog</u> . Quick reference ch from our TAG website.	narts	for AP and B are also	
			MUIVI 340 Beginning Piano (
MUSIC 2B	Keyboard Competence	(2)	MUIVI 340 & Beginning Piano (MUIVI 341 Piano II (
MUSIC 2C	Keyboard Competence	(2)	II.	(2) (2)
	STUDENTS MAY PASS OUT O	OF ONE	OR MORE QUARTERS OF MUSIC 2A-C	
MUSIC 6A	Elementary Theory	(3)	CREDIT TO BE DETERMINED BY UC DAVIS	
			MUSIC DEPARTMENT'S PLACEMENT EXAMS.	
MUSIC 6B	Elementary Theory	(3)	CREDIT TO BE DETERMINED BY UC DAVIS MUSIC DEPARTMENT'S PLACEMENT EXAMS.	
MUSIC 6C	Elementary Theory	(3)	CREDIT TO BE DETERMINED BY UC DAVIS	
			MUSIC DEPARTMENT'S PLACEMENT EXAMS.	
MUSIC 7A	Intermediate Theory	(3)	CREDIT TO BE DETERMINED BY UC DAVIS MUSIC DEPARTMENT'S PLACEMENT EXAMS.	
MUSIC 7B	Intermediate Theory	(3)	CREDIT TO BE DETERMINED BY UC DAVIS	
		(2)	MUSIC DEPARTMENT'S PLACEMENT EXAMS.	
MUSIC 7C	Intermediate Theory	(3)	CREDIT TO BE DETERMINED BY UC DAVIS MUSIC DEPARTMENT'S PLACEMENT EXAMS.	
MUSIC 16A	Elem Musicianship	(2)	NO COURSE ARTICULATED: College has n	 10t
	-1 1	(0)	submitted course(s) for articulation	
MUSIC 16B	Elem Musicianship	(2)	NO COURSE ARTICULATED: College has n submitted course(s) for articulation	
MUSIC 16C	Elem Musicianship	(2)	NO COURSE ARTICULATED: College has n	
	-	, ,	submitted course(s) for articulation	
	STUDENTS MAY PASS OUT O	OF ONE	OR MORE QUARTERS OF MUSIC 16A-C	
MUSIC 17A	Intermediate	(2)	NO COURSE ARTICULATED: College has n	
155	Musicianship	(0)	submitted course(s) for articulation	
MUSIC 17B	Intermediate Musicianship	(2)	NO COURSE ARTICULATED: College has n submitted course(s) for articulation	
MUSIC 17C	Intermediate	(2)	NO COURSE ARTICULATED: College has n	
110010 170	Musicianship	(2)	submitted course(s) for articulation	
	STUDENTS MAY PASS OUT	OF O	NE OR MORE QUARTERS OF MUSIC 17A-C	
MUSIC 24A	Intro Music History	(3)	MUFHL 310 Survey of Music ((3)
_		/	History and	,
			Literature (Greek	
		, = :	Antiquity to 1750)	,
MUSIC 24B	Intro Music History	(3)	·	(3)
			History and Literature (Greek	
			Antiquity to 1750)	
				(3)
			History and	,

History and

Literature (1750 to

MUSIC 24C Intro Music History (3) MUFHL 311 Survey of Music History and

Survey of Music (3)
History and
Literature (1750 to
the present)

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

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) | NO COMPARABLE COURSE

N A STD 10 NA Experience (4) NO COMPARABLE COURSE

information.

N A STD 12	Native Amer/Indigenous	(4)	NO COURSE	ARTICULATED:	College has not
	Film		submitted	course(s)for	articulation

ONTE	$\triangle D$	TTATO	COURSES	EDOM.
ONE	OR	TWO	COURSES	FROM:

N Z	A STD	5	Intro NA Literature	(4)	ENGLT 338 Native American (3)
					Literature
N	A STD	12	Native Amer/Indigenous	(4)	NO COURSE ARTICULATED: College has not
			Film		submitted course(s)for articulation
N Z	A STD	32	NA Music & Dance	(4)	NO COMPARABLE COURSE
N Z	A STD	33	Intro NA Art	(4)	NO COMPARABLE COURSE
N Z	A STD	34	NA Art Workshop	(4)	NO COMPARABLE COURSE

ONE OR TWO COURSES FROM:

AF-AMST 12	Intro Afro Studies		NO COMPARABLE COURSE
AF-AMST 52	Afr Tradit Relig	, ,	NO COMPARABLE COURSE
ANTHRO 2 C	ultural Anthropology	(5)	ANTH 310 Cultural Anthropology (3) OR
			ANTH 481 Honors Cultural (3)
			Anthropology
ANTHRO 20	Comparative Cultures	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s)for articulation
ANTHRO 24	Ancient Crops and People	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
A A STD 1	Hist Exp Asian Am	(4)	HIST 325 History of (3)
			Asian/Pacific
			Americans
A A STD 2	Contemp Issues of Asian	(4)	HIST 325 History of (3)
	Americans		Asian/Pacific
			Americans
A A STD 4	Asian Amer Cultural	(4)	NO COURSE ARTICULATED: College has not
	Studies		submitted course(s) for articulation
CHICANO 10	Intro to Chic Std	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
CHICANO 21	Hlth Care Issues	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
CHICANO 23	Qualitative Research	(4)	NO COURSE ARTICULATED: College has not
	Methods		submitted course(s) for articulation
COMPLIT 25	Ethnic Writers	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
CM&RGDE 2	Ethnicity Amer Comm	(4)	NO COMPARABLE COURSE
ENV S&P 10	Current Issues in	(3)	NATR 300 Introduction to (4)
	Environment		Natural Resource
			Conservation and
			Policy
ENV S&P 1	.0 not open for credit to a	stud	ents who have completed ENV S&P 1

EMA DOCE TO	not open for credit to a	scuae	lencs who have completed Env bar i
HISTORY 7A	Latin America to 1700	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
HISTORY 7B	Latin America 1700-1900	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
HISTORY 7C	Latin America	(4)	NO COURSE ARTICULATED: College has not
	1900-Present		submitted course(s) for articulation
HISTORY 17A	U.S. History	(4)	HIST 310 History of the United (3)
			States
			<u>OR</u>
			HIST 483 History of the United (3)
			States-Honors
TIMOTITO 1	Intro Linguistics	(1)	NO COMPADADIE COIDCE

LINGUIS 1 Intro Linguistics (4) NO COMPARABLE COURSE

END OF MAJOR

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

IMPORTANT ADVISORY FOR FALL 2018 APPLICANTS:

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

END OF MAJOR

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

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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BIOLS	SCI 2A		Intro B Earth	iology:I	ife on	(5)	BIOL	400		Principles of Biology	(5)
g) Bl	IOLSCI	2B		o Biolog ogy & Ev	gy: volution	(5)	BIOL BIOL BIOL	410 420	&	Principles of Biology Principles of Botany Principles of Zoology	(5) (5) (5)
							BIOL 	415		<pre>Introduction to Biology: Biodiversity, Evolution, and Ecology</pre>	(5)
g) B]	IOLSCI	2C	Biod	o Biolog iversity of Life	% the	(5)	BIOL BIOL OI	420	_	Principles of Botany Principles of Zoology	(5) (5)
			1100		-		BIOL 	_		Introduction to Biology: Biodiversity, Evolution, and Ecology	(5)
CHEM CHEM			Chemi Chemi	-			 CHEM CHEM CHEM	400	<u>&</u>	General Chemistry General Chemistry General Chemistry	(5) (5) (5)
CHEM	2C	Genl	Chemi	stry		(5)	CHEM			General Chemistry	(5)
CHEM	8A	Orga	anic Ch	em-Brief	:	(2)	 CHEM 	423		Organic Chemistry - Short Survey	(5)
CHEM	8B	Orga		em-Brief	=	(4)	CHEM	423		Organic Chemistry - Short Survey	(5)
			OR				ļ			OR	
-	118A		_	, Hlth 8			CHEM			Organic Chemistry	(5)
CHEM	118B	Or	rg Chem	, Hlth 8	Sci	(4)	CHEM		_	Organic Chemistry	(5)
CHEM	118C	Or	g Chem	, Hlth 8	Sci	(4)	CHEM CHEM			Organic Chemistry Organic Chemistry	(5) (5)
MATH	17A	Cal	culus	for Bios	Sci	(4)	 MATH 	355		Calculus for Biology and Medicine I	(4)

MATH 17B	Calculus f	for Biosci	(4)	MATH	356		Calculus for Biology and Medicine II	(4)
MATH 17C	Calculus f	for BioSci	(4)	MATH	356		Calculus for Biology and Medicine II	(4)
	OR			İ			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	<u>&</u>	General Physics	(4)
				PHYS	360		General Physics	(4)
PHYSICS 7B	General	Physics	(4)	PHYS	350	<u>&</u>	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.

END OF MAJOR

g) Students at American River College may take either all of BIOL 400 AND 410 AND 420 OR they may take BIOL 415 to receive credit for BIOLSCI 2B and BIOLSCI 2C at UC Davis,

====Nutrition Science B.S.====

Special Advising Note:

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

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:

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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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BIOLSCI 2A	Intro Biology:Life on Earth	(5) BIOL 400	Principles of Biology	(5)
g) BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5) BIOL 400 & & BIOL 410 & OR	Principles of Biology Principles of Botany Principles of Zoology	(5) (5) (5)
		BIOL 415 	<pre>Introduction to Biology: Biodiversity, Evolution, and Ecology</pre>	(5)
g) BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5) BIOL 410 & BIOL 420 OR	Principles of Botany Principles of Zoology	(5) (5)
		BIOL 415 	Introduction to Biology: Biodiversity, Evolution, and Ecology	(5)

						General Chemistry General Chemistry	(5)			
CHEM 2C	Genl Chemistry	(5)	CHEM	401 401	_		(5) (5)			
CHEM 8A	Organic Chem-Brief	(2)	 CHEM 	423		Organic Chemistry - Short Survey	(5)			
CHEM 8B	Organic Chem-Brief	(4)	CHEM	423		Organic Chemistry - Short Survey	(5)			
	OR		İ			OR				
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM	420		Organic Chemistry	(5)			
CHEM 118B							(5)			
	OR	. ,	CHEM		_	Organic Chemistry OR	(5)			
CHEM 128A		(3)	CHEM	420		Organic Chemistry	(5)			
CHEM 128B	Organic Chemistry									
CHEN 120B	organic chemistry		CHEM			Organic Chemistry				
СПЕМ 1207	Organic Chem Lab					Organic Chemistry				
NUTR 10	Discoveries and Concepts	(3)	NUTR] 	. 300 	0 	Nutrition	(3)			
PSYCH 41	Research Methods	(4)	PSYC	335		Research Methods in Psychology	(3)			
	OR		İ			OR				
SOCIOL 46A	Intro Social Rsch	(4)	ио со	MPAI	RABL	E COURSE				
The	The remaining preparatory subject matter is based on which major option you choose:									
	NUTRITIONAL	BIO	LOGY (PTIC	ON:					
ANTHRO 2	Cultural Anthropology					C	(2)			
	carcarar intellioporogy	(5)	ANTH			Cultural Anthropology	(3)			
		(5)	i	<u> </u>		Honors Cultural Anthropology				
	OR		OE ANTH	<u>4</u> 81		Honors Cultural Anthropology OR	(3)			
			OF ANTH	481 300		Honors Cultural Anthropology OR	(3)			
	OR		OE ANTH	300 8		Honors Cultural Anthropology OR	(3)			
	OR General Psychology OR	(4)	OE ANTH PSYC OE	300 481 480		Honors Cultural Anthropology OR General Principles Honors General	(3)			
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PSYCH 1 SOCIOL 1	OR General Psychology OR Intro Sociology OR Social Problems	(4)	OH ANTH PSYC OH PSYC SOC SOC OH PSYC OH PSYC OH PSYC P	300 2 480 300 2 480	I:	Honors Cultural Anthropology OR General Principles Honors General Principles OR ntroductory Sociology ntroductory Sociology Honors OR ocial Problems	(3)(3)(3)(3)(3)			
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PSYCH 1 SOCIOL 1 SOCIOL 3 MATH 16A MATH 16B PHYSICS 1A PHYSICS 1B ANTHRO 2	OR General Psychology OR Intro Sociology OR Social Problems Short Calculus Short Calculus Principles Physics Principles Physics Principles Physics ONUTRITION IN Cultural Anthropology	(4) (5) (4) (3) (3) (3) (3)	OH OH OH OH OH OH OH OH	300 300 480 300 480 301 400 401 350 360 	I I S S OPT	Honors Cultural Anthropology OR General Principles Honors General Principles OR ntroductory Sociology ntroductory Sociology Honors OR ocial Problems	(3) (3) (3) (3) (3) (5) (5) (4) (4) ((3)			

	OR		SOC	480	Introductory Sociology - Honors OR	(3)			
SOCIOL 3	Social Problems	(4)	SOC	301	*=-	(3)			
ECON 1A	Princ of Microecon	(4)	ECON	304	Principles of Microeconomics	(3)			
ECON 1B	Princ of Macroecon	(4)	ECON	302		(3)			
PSYCH 1	General Psychology	(4)	PSYC		General Principles	(3)			
			PSYC		Honors General Principles	(3)			
LOWER-DIVISION ELECTIVES BY AREA FOR THE NUTRITION IN PUBLIC HEALTH OPTION:									
-		_	HE NU	TRITIO	ON IN PUBLIC HEALTH OPTIC)N:			
Agricultur	IVISION ELECTIVES BY AREA al and Health Policy Area Pop,Envr,World Agri	<u>:</u>)N:			
Agricultur AGRESEC 15	al and Health Policy Area Pop,Envr,World Agri	<u>:</u> (4)	NO C			DN:			
Agricultur AGRESEC 15 Cultural D AMR STD 55	al and Health Policy Area Pop,Envr,World Agriiversity and Community Ch	: (4) ange A	NO C rea: NO C	OMPARA		not			
Agricultur AGRESEC 15 Cultural D AMR STD 55 Same as	al and Health Policy Area Pop,Envr,World Agriiversity and Community Ch Food in Amer Culture	: (4) ange A: (4)	NO C rea: NO C	OMPARA OURSE itted	ABLE COURSEARTICULATED: College has	not			
Agricultur AGRESEC 15 Cultural D AMR STD 55 Same as CM&RGDE 2	al and Health Policy Area Pop,Envr,World Agri iversity and Community Ch Food in Amer Culture FD S&T 55 Ethnicity Amer Comm Intro Intl Ag	: (4) ange A (4)	NO C rea: NO C subm NO C	OMPARA OURSE itted OMPARA OURSE	ABLE COURSE ARTICULATED: College has course(s) for articulati ABLE COURSE ARTICULATED: College has	not on not			
Agricultur AGRESEC 15 Cultural D AMR STD 55 Same as CM&RGDE 2	al and Health Policy Area Pop,Envr,World Agri iversity and Community Ch Food in Amer Culture FD S&T 55 Ethnicity Amer Comm	: (4) ange A (4)	NO C rea: NO C subm NO C	OMPARA OURSE itted OMPARA OURSE	ABLE COURSE ARTICULATED: College has course(s) for articulati	not on not			
Agricultur AGRESEC 15 Cultural D AMR STD 55 Same as CM&RGDE 2 INT AG 10	al and Health Policy Area Pop,Envr,World Agri iversity and Community Ch Food in Amer Culture FD S&T 55 Ethnicity Amer Comm Intro Intl Ag	: (4) ange A (4)	NO C rea: NO C subm NO C	OMPARA OURSE itted OMPARA OURSE	ABLE COURSE ARTICULATED: College has course(s) for articulati ABLE COURSE ARTICULATED: College has	not on not			

g) Students at American River College may take either all of BIOL 400 AND 410 AND 420 OR they may take BIOL 415 to receive credit for BIOLSCI 2B and BIOLSCI 2C at UC Davis,

(4) NO COMPARABLE COURSE

(3) NO COMPARABLE COURSE

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

Special Advising Note:

PHILOS 15

SCI&SOC 2

END OF MAJOR

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:*

Intro to Bioethics

Feeding the Planet

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 General Catalog . Quick reference charts for AP and IB are also available from our TAG website.

______ CHEM 2A Genl Chemistry
CHEM 2B Genl Chemistry (5) CHEM 400 General Chemistry

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

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

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

	OR		OR
CHEM 2AH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHEM 2BH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHEM 2CH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PHYSICS 7A	General Physics	(4)	PHYS 350 & General Physics (4)
PHYSICS 7B	General Physics	(4)	PHYS 360 General Physics (4) PHYS 350 & General Physics (4)
PHYSICS 7C	General Physics	(4)	PHYS 360 General Physics (4) PHYS 350 $\underline{\&}$ General Physics (4)
It is highl	v recommended that student	.s coi	PHYS 360 General Physics (4) mplete an entire physics series at
their commu series befo series may	nity college that is equiver re transferring. Students be required to take additi	valen who lonal	t to the entire UC Davis Physics 7A/B/C transfer without completing an entire physics courses upon arrival at UC vis advisor before continuing with
PHYSICS.	OR		OR
PHYSICS 9A	Classical Physics	(5)	PHYS 410 Mechanics of Solids (5) and Fluids
PHYSICS 9B	Classical Physics	(5)	PHYS 431 Heat, Waves, Light and (4) Modern Physics
PHYSICS 9C	Classical Physics	(5)	PHYS 421 Electricity and (4) Magnetism
матн 16а	Short Calculus	(3)	MATH 400 Calculus I (5)
MATH 16B	Short Calculus		MATH 401 Calculus II (5)
MATH 16C	Short Calculus OR	(3)	MATH 401 Calculus II (5) OR
MATH 17A	Calculus for BioSci	(4)	MATH 355 Calculus for Biology (4) and Medicine I
MATH 17B	Calculus for Biosci	(4)	MATH 356 Calculus for Biology (4) and Medicine II
MATH 17C	Calculus for BioSci OR	(4)	MATH 356 Calculus for Biology (4) and Medicine II 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
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 400 Principles of Biology (5)
g) BIOLSCI		(5)	BIOL 400 & Principles of Biology (5)
	Ecology & Evolution		BIOL 410 & Principles of Botany (5) BIOL 420 Principles of Zoology (5)
			<u>OR</u> BIOL 415
			Biology: Biodiversity, Evolution, and Ecology
\ DTOT CC-	OR	/ F \	OR
g) BIOLSCI	2C Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 410 & Principles of Botany (5) BIOL 420 Principles of Zoology (5)
	itee of Pile		<u>OR</u> BIOL 415
			Biology: Biodiversity, Evolution, and Ecology
STATIST 13	Elementary Statistics	(4)	PSYC 330 Introductory (3)

Same as:	STATIST 13Y		OR	Statistics for the Behavioral Sciences	
	OR		STAT 300 	Introduction to Probability and Statistics OR	(4)
STATIST 32	Gateway to Data Science	(4)	NO COMPARAE		
CHEM 118B	,	(4)	CHEM 420 & CHEM 421	Organic Chemistry Organic Chemistry	(5)
CHEM 118C	Org Chem, Hlth & Sci OR	(4)	CHEM 421 	Organic Chemistry OR	(5)
CHEM 128A CHEM 128B	Organic Chemistry	(3)	CHEM 420 CHEM 420 & CHEM 421	Organic Chemistry Organic Chemistry Organic Chemistry	
CHEM 129A CHEM 129B CHEM 129C	Organic Chemistry Organic Chem Lab Organic Chem Lab Organic Chem Lab	(2)	CHEM 421 CHEM 420 CHEM 420 & CHEM 421 CHEM 421	_	(5)

END OF MAJOR

g) Students at American River College may take either all of BIOL 400 AND 410 AND 420 OR they may take BIOL 415 to receive credit for BIOLSCI 2B and BIOLSCI 2C at UC Davis,

====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.

			GENE	RAL I	EMPHASIS:			
PHILOS 12	Intro to	Symbol	Logic	(4)	!	Symbolic Log	gic	(3)
					Same as:	MATH 320		
					OR			
					MATH 320	Symbolic Log	gic	(3)
					Same as:	PHIL 324		

AND ONE COURSE FROM ANY THREE OF THE FOLLOWING AREAS

a. GENERAL PHILOSOPHY

PHILOS 1	Intro to Philos	(4)	PHIL 300 	Introduction to Philosophy	(3)
			<u>OR</u> PHIL 330 	History of Classical Philosophy	(3)
			<u>OR</u> PHIL 331 	History of Modern Philosophy	(3)

b. ANCIENT PHILOSOPHY

PHILOS 21 Phil Classics: Ancient (4) PHIL 330 History of Classical (3) Philosophy

c. <u>EARLY MODERN PHILOSOPHY</u>

PHILOS 22 Phil Classics: Modern (4) PHIL 331 History of Modern (3) Philosophy

d. PHILOSOPHY OF MIND

PHILOS 13G Minds, Brains Comp (4) NO COURSE ARTICULATED: College has not w/Disc submitted course(s) for articulation

e. ETHICS:

PHILOS 14 Eth Soc Prob in Soc (4) PHIL 315 Contemporary Moral (3) Issues

	OD		OD
PHILOS 15	OR Intro to Bioethics OR	(4)	OR NO COMPARABLE COURSE OR
PHILOS 24	Intro to Ethics	(4)	PHIL 310 Introduction to Ethics (3)
	f. PHILOSO	PHY (OF SCIENCE
PHILOS 30	Intro Philos of Sci OR	(4)	:
PHILOS 31	~	(4)	OR NO COMPARABLE COURSE OR
PHILOS 32	Scientific Change OR	(4)	
PHILOS 38		(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	g. PHILOS C	PHY (OF LANGUAGE
PHILOS 17	World		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	PRE- ONE COURSE FR		EMPHASIS
	ONE COURSE P	COM 1	HE FOLLOWING.
PHILOS 14	Eth Soc Prob in Soc	(4)	PHIL 315 Contemporary Moral (3) Issues
	Intro to Bioethics Phil Foundations of Amer		NO COMPARABLE COURSE NO COURSE ARTICULATED: College has not
	Democ		submitted course(s)for articulation
	ALL OF THE F	OLLO	WING COURSES:
PHILOS 5		(4)	PHIL 320 Logic and Critical (3) Reasoning
PHILOS 12	Intro to Symbol Logic		PHIL 324 Symbolic Logic (3) Same as: MATH 320
			OR MATH 320 Symbolic Logic (3) Same as: PHIL 324
		(4)	PHIL 310 Introduction to Ethics (3)
			MPHASIS:
	ONE COURSE FF	ROM T	HE FOLLOWING:
PHILOS 24	Intro to Ethics	(4)	PHIL 310 Introduction to Ethics (3)
PHILOS 30	Intro Philos of Sci	(4)	NO COMPARABLE COURSE
PHILOS 31	Scientific Reason	(4)	NO COMPARABLE COURSE
	Scientific Change		NO COMPARABLE COURSE
	ALL OF THE F	OLLO	WING COURSES:
PHILOS 12	Intro to Symbol Logic	(4)	PHIL 324 Symbolic Logic (3) Same as: MATH 320 OR
			MATH 320 Symbolic Logic (3) Same as: PHIL 324
PHILOS 15	Intro to Bioethics	(4)	NO COMPARABLE COURSE
PHILOS 38	intro Philos of Biol		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
END OF MA			

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 Mechanics of Solids (5)
PHYSICS 9B	Classical Physics	(5)	Heat, Waves, Light and (4) Modern Physics
PHYSICS 9C	Classical Physics	(5)	PHYS 421 Electricity and (4) Magnetism
PHYSICS 9D	Modern Physics OR	(4)) NO COMPARABLE COURSE OR
PHYSICS 9H	A Honors Physics	(5)	NO COMPARABLE COURSE
PHYSICS 9H			
PHYSICS 9H	-		· ·
	-		· ·
PHYSICS 9H	2		!
PHYSICS 9H	E Honors Physics	(5)) NO COMPARABLE COURSE
MATH 21A	Calculus	(4)) MATH 400 Calculus I (5)
MATH 21B) MATH 401 Calculus II (5)
MATH 21C) MATH 402 Calculus III (5)
			:
	Vector Analysis		
MATH 22A	Linear Algebra	(3)) MATH 410 Introduction to Linear (3)
			Algebra
MATH 22B	Differntl Equations	(3)) MATH 420 Differential Equations (4)
PHYSICS 80	Experimental Techniques	(4)	NO COURSE ARTICULATED

END OF MAJOR

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

Special Advising Note:

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

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

Special Advising Note for future applicants:*

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

college, you must complete them after enrolling at UC Davis.

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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	Classica	al Physics	(5)	PH7	/S	410	Mecha and F	nics of luids	Solids	5	(5)
PHYSICS	9В	Classica	al Physics	(5)	ЬНЛ	/S	431	•	Waves, n Physi	_	and	(4)
PHYSICS	9C	Classica	al Physics	(5)	PH7	ZS	421		n Physi ricity			(4)
								Magne	tism			
PHYSICS	9D	Modern F	hysics	(4)	NO	CC)MPARABI	LE COU	RSE			
		OR			ĺ				OR			
PHYSICS	9HA	Honors	Physics	(5)	NO	CC)MPARABI	LE COU	RSE			
PHYSICS	9HB	Honors	Physics	(5)	NO	CC)MPARABI	LE COU	RSE			
PHYSICS	9HC	Honors	Physics	(5)	NO	CC)MPARABI	LE COU	RSE			
PHYSICS	9HD	Honors	Physics	(5)	NO	CC)MPARABI	LE COU	RSE			
PHYSICS	9HE	Honors	Physics	(5)	NO	CC)MPARABI	LE COU	RSE			

^{*}Information for future applicants is subject to change

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 22B	Differntl Equations	(3) MATH 420	Differential Equations	(4)
PHYSICS 40	Intr Physics Computation	(4) NO COURSE A	RTICULATED	
PHYSICS 80	Experimental Techniques	(4) NO COURSE A	RTICULATED	

ASTROPHYSICS EMPHASIS

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

ASTRON 25	Intro to Modern	(4) ASTR 300 &	Introduction to	(3)
	Astronomy & Astrophy	_	Astronomy	
		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 <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 118A/B/C.

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

Education(GE) Note:

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

College Foreign Language Requirement Note:

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

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

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

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

available	from our TAG website.							
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	 BIOL 400 	Principles of Biology	(5)			
g) BIOLSCI	2B Intro Biology: Ecology & Evolution	(5)	BIOL 410 & BIOL 420 OR	Principles of Biology Principles of Botany Principles of Zoology	(5) (5) (5)			
			BIOL 415 	Introduction to Biology: Biodiversity, Evolution, and Ecology	(5)			
g) BIOLSCI	2C Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 410 <u>&</u> BIOL 420 OR	Principles of Botany Principles of Zoology	(5) (5)			
			BIOL 415 	Introduction to Biology: Biodiversity, Evolution, and Ecology	(5)			
CHEM 2A CHEM 2B	Genl Chemistry Genl Chemistry	. ,	CHEM 400 CHEM 400 &	General Chemistry General Chemistry General Chemistry	(5) (5) (5)			
CHEM 8A	Organic Chem-Brief	(2)	CHEM 423	Organic Chemistry - Short Survey	(5)			
CHEM 8B	Organic Chem-Brief	(4)	CHEM 423 	Organic Chemistry - Short Survey	(5)			
STATIST 13 Same as	Elementary Statistics : STATIST 13Y	(4)	PSYC 330 OR	Introductory Statistics for the Behavioral Sciences	(3)			
			STAT 300 	Introduction to Probability and Statistics	(4)			
	RECOMMENDED COURSES:							

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

END OF MAJOR

g) Students at American River College may take either all of BIOL 400 AND 410 AND 420 OR they may take BIOL 415 to receive credit for BIOLSCI 2B and BIOLSCI 2C at UC Davis,

====Plant Biology B.S.====

Special Advising Note:

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

at UC Davis.

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

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

Mathematics 17A/B/C <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 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.

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

avallable l	rom our lag website.					
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL	400	Principles of Biology (5)
g) BIOLSCI	2B Intro Biology:	(5)	BIOL	400 8	Principles of Biology (5)
<i>3</i> ,	Ecology & Evolution	. ,		410 8		5)
	2001031 & 2101401011		BIOL	_		5)
					Principles of Zoology (<i>J</i> /
			OI OI		To be a decemble on the	г\
			BIOL	415	•	5)
			ļ		Biology: Biodiversity,	
					Evolution, and	
					Ecology	
g) BIOLSCI	51	(5)	BIOL			5)
	Biodiversity & the		BIOL	420	Principles of Zoology (5)
	Tree of Life		OI	R		
			BIOL	4 15	Introduction to (5)
			İ		Biology: Biodiversity,	,
			i		Evolution, and	
					Ecology	
			 		Ecology	
CHEM 2A	Genl Chemistry	(5)	CHEM	400	General Chemistry (5)
	Genl Chemistry					5)
CHEM ZB	Geni Chemistry	(3)	!	-	-	
a	a 1 a1	<i>(</i> - <i>)</i>		401	-	5)
CHEM 2C	Genl Chemistry	(5)	CHEM	401	General Chemistry (5)
	Organia Cham Driof	(2)	 CHEM	422	Organia Chamiatar (E /
CHEM 8A	Organic Chem-Brief	(2)	CHEM	423		5)
GIITIN OD	o ' dl p ' c	(4)		400	Short Survey	- \
CHEM 8B	Organic Chem-Brief	(4)	CHEM	423	<u> </u>	5)
	070				Short Survey	
G11704 1103	OR	(4)		400	OR Clarification (- \
CHEM 118A	Org Chem, Hlth & Sci		CHEM			5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM	_		5)
			CHEM			5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM	421	Organic Chemistry (5)
MATH 17A	Calculus for BioSci	(4)	MATH	355		4)
					and Medicine I	
MATH 17B	Calculus for Biosci	(4)	MATH	356	Calculus for Biology (4)
					and Medicine II	
MATH 17C	Calculus for BioSci	(4)	MATH	356	Calculus for Biology (4)
			ĺ		and Medicine 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 8	General Physics (4)
	-		PHYS			4)
PHYSICS 7B	General Physics	(4)	PHYS			4)
	-	. ,		-	`	•

PHYSICS 7C General Physics (4) PHYS 360 General Physics (4) PHYS 350 $\underline{\&}$ General Physics (4)

PHYS 360 General Physics

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

RECOMMENDED COURSES:

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

END OF MAJOR

g) Students at American River College may take either all of BIOL 400 AND 410 AND 420 OR they may take BIOL 415 to receive credit for BIOLSCI 2B and BIOLSCI 2C at UC Davis,

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

Advenged Discovert (AD)and Intermedianal Responses (ID) Everination Notes

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	400	Principles of Biology	(5)
g) BIOLSCI		(5)	BIOL	400 8 410 8 420	Principles of Botany	
			BIOL 	415	Introduction to Biology: Biodiversity, Evolution, and Ecology	(5)
PL SCI 2	Bot Physio Cul Plt	(4)	NO C	OMPAR <i>I</i>	ABLE COURSE	
CHEM 2B	Genl Chemistry Genl Chemistry Genl Chemistry		CHEM CHEM	400 <u>8</u> 401	General Chemistry General Chemistry General Chemistry General Chemistry	(5) (5) (5) (5)
CHEM 8A	Organic Chem-Brief	(2)	 CHEM 	423	Organic Chemistry - Short Survey	(5)

CHEM 8B	Organic Chem-Brief OR	(4)	CHEM 	423		Organic Chemistry - Short Survey OR	(5)
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM	420		Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci		CHEM			Organic Chemistry	(5)
	, , , , , , , , , , , , , , , , , , ,	, ,	CHEM		_	Organic Chemistry	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM			Organic Chemistry	(5)
MATH 16A	Short Calculus	(3)	 MATH	400		 Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH	401		Calculus II	(5)
	OR		j			OR	
MATH 17A	Calculus for BioSci	(4)	MATH	355		Calculus for Biology	(4)
						and Medicine I	
MATH 17B	Calculus for Biosci	(4)	MATH	356		Calculus for Biology	(4)
			 			and Medicine II	
PHYSICS 1A	Principles Physics	(3)	PHYS	350		General Physics	(4)
PHYSICS 1B	Principles Physics	(3)	PHYS	360		General Physics	(4)
	OR					OR	
PHYSICS 7A	General Physics	(4)	PHYS	350	<u>&</u>	General Physics	(4)
			PHYS			General Physics	(4)
PHYSICS 7B	General Physics	(4)	PHYS		_	General Physics	(4)
			PHYS			General Physics	(4)
PHYSICS 7C	General Physics	(4)	:			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.

ABIOSYT 49	Fld Equip Oper	(2)) NO COMPARABLE COURSE
	OR		OR
PL SCI 49	Org Crop Prod Prac		NO COURSE ARTICULATED: College has not submitted course(s) for articulation

COURSES FOR THE CROP PRODUCTION OPTION:

	COURSES FOR I	IND CROI IRODUCTION OF FION.	
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

g) Students at American River College may take either all of BIOL 400 AND 410 AND 420 OR they may take BIOL 415 to receive credit for BIOLSCI 2B and BIOLSCI 2C at UC Davis,

====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 <u>transfer admission website</u>. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

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

THREE COURSES FROM THE FOLLOWING:

DOT GO	IT 0	Tobas Como Dolitica	(1)	l not a	200	To be a decaded as the	(2)
POL SC	1 2	Intro Comp Politics	(4)	POLS	302	Introduction to	(3)
				ļ		Government: Foreign	
POL SC	!I 3	Internatl Relations	(4)	POLS	310	Introduction to	(3)
						International	
				ĺ		Relations	
POL SC	!I 4	Bas Cnpt/Pol Thry	(4)	POLS	320	Introduction to	(3)
				ĺ		Political Theory	
POL SC	!I 5	Probs/Am Pol Sys	(4)	NO CO	OMPARAB!	LE COURSE	
POL SC	!I 7	Law & Politics	(4)	POLS	330	Constitutional Rights	(3)
				OI	<u> </u>		
				POLS	332	Law and Society	(3)
				Sa	ame as:	BUS 345	
				OI	2		
				BUS 3	<u>3</u> 45	Law and Society	(3)
				Sa	ame as:	POLS 332	

POL SCI	51	Scientific Politics	Study of	(4)			ARTICULATED: College has course(s) for articulation	
ONE COURSE FROM THE FOLLOWING:								
	as: C						ARTICULATED: College has s)for articulation	not
		Elementary STATIST 13Y	Statistics	(4)	PSYC 3 	330	Introductory Statistics for the Behavioral Sciences	(3)
STATIST	32 G	ateway to Da	ata Science	(4)	<u>OR</u> STAT 3 NO COM		Introduction to Probability and Statistics ABLE COURSE	(4)

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

Special Advising Note:

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

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

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

		THREE COURSES FR	OM TH	HE FOLLOWING:	
POL SCI	1	Amer Natl Govt	(4)) POLS 301	(3)
				Government: United	(3)
POL SCI	2	Intro Comp Politics	(4)	States-Honors POLS 302	(3
POL SCI	3	Internatl Relations	(4)	!	(3)
POL SCI	4	Bas Cnpt/Pol Thry		POLS 320 Introduction to (Political Theory	(3
		ONE COURSE F	ROM T	THE FOLLOWING:	
		_		nly once for major preparation	, ,
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)		(3
POL SCI	3	Internatl Relations	(4)		(3)
POL SCI		Bas Cnpt/Pol Thry		Political Theory	(3)
POL SCI		Probs/Am Pol Sys Law & Politics		NO COMPARABLE COURSE POLS 330 Constitutional Rights (OR	(3
					(3
				BUS 345 Law and Society (Same as: POLS 332	(3)
POL SCI	11A	America Decides	(4)	NO COURSE ARTICULATED: College has n submitted course(s)for articulation	101
POL SCI	11B	Citizen Lawmaking	(4)) NO COURSE ARTICULATED: College has n submitted course(s) for articulation	10
POL SCI	11C	Politics & Film	(4)) NO COURSE ARTICULATED: College has n submitted course(s) for articulation	101
POL SCI	11D	Political Persuasion	(4)	NO COURSE ARTICULATED: College has n submitted course(s)for articulation	101
POL SCI	12A	Politics & Sports	(4)	NO COURSE ARTICULATED: College has n submitted course(s)for articulation	10
POL SCI	12B	Climate Chg & Politics	(4	•	
	 E1	Scientific Study of	(4)) NO COURSE ARTICULATED: College has n	10
POL SCI	21	Politics	(1)	submitted course(s) for articulation	1

Same as: COMUNCN 12Y, PSYCH 12Y submitted course(s) for articulation SOCIOL 12Y OR OR Elementary Statistics (4) PSYC 330 Introductory

STATIST 13 (3)Same as: STATIST 13Y Statistics for the Behavioral Sciences

> OR STAT 300 Introduction to (4)Probability and Statistics

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

END OF MAJOR

====Psychology A.B.====

Special Advising Note:

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

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

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

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

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

*Students planning for a B.S. degree in psychology with biological emphasis are encouraged to complete Biological Sciences 2A rather than Biological Sciences

10. Also, although only one biological sciences course is required for admission, students interested in pursuing a B.S. degree with biological emphasis are encouraged to complete the recommended courses shown on ASSIST.

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

College Foreign Language Requirement Note:

Transfer students pursuing this major 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.

PSYCH 1 General Psychology (4) | PSYC 300 General Principles (3) | OR | PSYC 480 Honors General (3) | Principles (3) | Principles (3) | Principles (3) | Principles (4) | PSYC 335 Research Methods in (3) | Psychology (3) | Psychology (3) | Same as: STATIST 13 Elementary Statistics (4) | PSYC 330 Introductory (3) | Statistics for the Behavioral Sciences

				STAT 	300	Introduction to Probability and Statistics	(4)
BIOLSCI	2A	Intro Biology:Life on Earth	(5)	BIOL	400	Principles of Biology	(5)

OR A COMBINATION OF

BIOLSCI 10 Everyday Biology (4) BIOL 310 General Biology (4) $\frac{\textbf{OR}}{\textbf{BIOL}}$ BIOL 300 The Foundations of Biology(3)

AND ONE COURSE FROM

ANTHRO 1	Human Evol Biol	(4)	ANTH 300	Physical Anthropology	(3)
			ANTH 480	Honors Physical	(3)
				Anthropology	
	OR			OR	
MOL&CB 10	Intro Human Heredity	(4)	NO COMPARAB	LE 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			•		

END OF MAJOR

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

Special Advising Note:

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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Statistics 13;
One of these two options:
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or

*Biological Sciences 10 and one course from:
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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.

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			PSYC 480	Honors General Principles	(3)
PSYCH 41	Research Methods	(4)	PSYC 335	Research Methods in Psychology	(3)

STATIST 13							
Same as	Elementar: STATIST 13	ry Statistics Y	(4)	PSYC 	330	Introductory Statistics for the Behavioral Sciences	(3)
				<u>OI</u> STAT 	_	Introduction to Probability and Statistics	(4)
MATH 16A	Short Calc	 ulus	(3)	 MATH	400	 Calculus I	(5)
MATH 16B	Short Calcu			MATH		Calculus II	(5)
MATH 17A	OR Calculus fo	or BioSci	(4)	 MATH	355	OR Calculus for Biology	(4)
MATH 17B	Calculus fo	or Biosci	(4)	 MATH	356	and Medicine I Calculus for Biology	(4)
						and Medicine II	
MA CUIT 01 A	OR		(1)		400	OR	(-)
MATH 21A MATH 21B	Calculus Calculus			MATH MATH		Calculus I Calculus II	(5) (5)
MAIH 216			(4)				
PHYSICS 10	Topics,No	onscientists	(4)	PHYS	310	Conceptual Physics OR	(3)
PHYSICS 100	C Physics	of California	(3)			ARTICULATED: College h	
				submi	itted	course(s)for articulat	ion
PHYSICS 7A	OR General 1	Physics	(4)	 puvc	350 \$	OR & General Physics	(4)
THIBICS 7A	ochciai i	LIIYBICB	(1)		360 <u>s</u>		(4)
PHYSICS 7B	General 1	Physics	(4)			General Physics	(4)
		_		PHYS			(4)
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CHEM 118A CHEM 118B	Org Chem, Hlth & Sci Org Chem, Hlth & Sci	. ,	CHEM CHEM CHEM	420		Organic Chemistry Organic Chemistry Organic Chemistry	(5) (5) (5)
	OR					OR	
CHEM 128A	Organic Chemistry	(3)	CHEM	420		Organic Chemistry	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM	420	&	Organic Chemistry	(5)
			CHEM	421	_	Organic Chemistry	(5)

END OF MAJOR

g) Students at American River College may take either all of BIOL 400 AND 410 AND 420 OR they may take BIOL 415 to receive credit for BIOLSCI 2B and BIOLSCI 2C at UC Davis,

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

Special Advising Note:

REQUIREMENTS FOR ADMISSION:

(for 2018-19)

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis transfer admission website. UC Davis requires that students

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

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			PSYC		Honors General Principles	(3)
PSYCH 41	Research Methods	(4)	PSYC	335	Research Methods in Psychology	(3)
STATIST 13 Same as:	Elementary Statistics STATIST 13Y	(4)	PSYC OH		Introductory Statistics for the Behavioral Sciences	(3)
			<u>OI</u> STAT 	_	Introduction to Probability and Statistics	(4)
MATH 21A	Calculus		MATH		Calculus I	(5)
MATH 21B MATH 21C	Calculus Calculus		MATH MATH		Calculus II Calculus III	(5) (5)
	Programming ENG CS 30	(4)	CISP		Algorithm Design/Problem Solving	(3)
			<u>OI</u> CISP OI	360	Introduction to Structured Programming	(4)
			CISP	_	Honors Introduction to	(5)

Structured Programming **OR**

ENG CS 32A Intro to Programming(4)
 Formerly ENG CS 10

OR

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

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 OR	(4)	NO COMPARABLE COURSE OR
CHEM 2A Genl Chemistry CHEM 2B Genl Chemistry OR		CHEM 400 General Chemistry (5) CHEM 400 General Chemistry (5) CHEM 401 General Chemistry (5) OR
CHEM 2AH Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHEM 2BH Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PHYSICS 10 Topics, Nonscientists OR	(4)	PHYS 310 Conceptual Physics (3) OR
PHYSICS 10C Physics of California OR	(3)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation OR
	(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)
series before transferring. Students we series may be required to take additionable. Davis, and will need to meet with a UC physics. BIOLSCI 2A Intro Biology:Life on	nal Da	physics courses upon arrival at UC
Earth	(- ,	
OR A COMBI	NAT	ION OF
BIOLSCI 10 Everyday Biology	(4)	BIOL 310 General Biology (4) OR
		BIOL 300 The Foundations of Biology(3)
AND ONE CO	URS	E FROM
ANTHRO 1 Human Evol Biol	(4)	ANTH 300 Physical Anthropology (3)
		ANTH 480 Honors Physical (3) Anthropology
MOL&CB 10 Intro Human Heredity OR	(4)	OR NO COMPARABLE COURSE OR
NE PH B 10 Elem Human Physio	(3)	BIOL 430 & Anatomy and Physiology (5)
END OF MAJOR		BIOL 431 Anatomy and Physiology (5)

Special Advising Note:

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

ONE COURSE FROM THE FOLLOWING:

REL	STD	1	Survey of Religion	(4)) NO COMPARABLE COURSE	
REL	STD	1A	Pilgrimage	(4)) NO COURSE ARTICULATED: College has no	ρt
					submitted course(s) for articulation	
REL	STD	1B	Death and Afterlife	(4)) NO COURSE ARTICULATED: College has no	ρt
					submitted course(s) for articulation	
REL	STD	1C	Sacrifice	(4)) NO COURSE ARTICULATED: College has no	٥t
					submitted course(s) for articulation	
REL	STD	1D	Conversion	(4)) NO COURSE ARTICULATED: College has no	ρt
					submitted course(s) for articulation	
REL	STD	1E	Fundamentalism	(4)) NO COURSE ARTICULATED: College has no	ρt
					submitted course(s) for articulation	

REL	STD	1F	Religion Today	(4)	!	ARTICULATED: College has not course(s) for articulation
REL	STD	1G	Myth Ritual Symbol	(4)	NO COURSE	ARTICULATED: College has not course(s) for articulation
REL	STD	1H	Sex, Marriage, Divorce	(4)	NO COURSE	ARTICULATED: College has not course(s) for articulation
REL	STD	1J	Music, Voice, Word	(4)	NO COURSE	ARTICULATED: College has not course(s) for articulation
			FOUR COURSES FI			
	STD		Comparative Religion		!	ARTICULATED
	STD		Intro Health Humanities	. ,	I .	ARTICULATED
REL	STD	10	Contemporary Ethical	(2)	!	ARTICULATED: College has not
			Issues		1	course(s) for articulation
REL	STD	10A		(2)		ARTICULATED: College has not
			Issues		1	course(s) for articulation
REL	STD	11	Ethical Eating	(4)	•	ARTICULATED: College has not
					!	course(s)for articulation
REL	STD	12	Emergence Abrahamic	(4)		ARTICULATED: College has not
			Religions		!	course(s)for articulation
REL	STD	21	The Bible	(4)	HUM 360	• • •
						Testament (The Hebrew
						Bible)
REL	STD	23	Intro Judaism	(4)	NO COMPARA	ABLE COURSE
REL	STD	30	South Asian Religions	(4)		ARTICULATED: College has not
					submitted	course(s) for articulation
REL	STD	40	New Testament	(4)	HUM 365 	Introduction to the New (3) Testament
REL	STD	42	Religion and Sci	(4)	NO COURSE	ARTICULATED: College has not
			Fiction	` '		course(s) for articulation
REL	STD	45	Christianity	(4)	1	ARTICULATED: College has not
			-	` '	•	course(s) for articulation
REL	STD	60	Introduction to Islam	(4)	!	ABLE COURSE
REL	STD	65C	The Qur'an and Its	(4)	NO COURSE	ARTICULATED: College has not
			Interpretation			course(s) for articulation
REL	STD	67	Modern Hinduism	(4)		ARTICULATED: College has not
					submitted	course(s)for articulation
REL	STD	68	Hinduism	(4)	NO COURSE	ARTICULATED: College has not
					submitted	course(s) for articulation
REL	STD	69	Intro Hindu Mythology	(4)	NO COURSE	ARTICULATED: College has not
					submitted	course(s)for articulation
REL	STD	70	Religion and Language	(4)	NO COURSE	ARTICULATED: College has not
					submitted	course(s) for articulation
REL	STD	75	Introduction to Chinese Philosophy	(4)	1	ABLE COURSE
RET.	STD	80	Religion, Gender, Sex	(4)	NO COURSE	ARTICULATED: College has not
	212		indicate some	· -/	1 ' 1	() 5

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

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

|submitted course(s) for articulation

Special Advising Note:

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

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

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

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 402 Elementary Russian (4)
RUSSIAN 2	Elementary Russian	(5)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
RUSSIAN 3	Elementary Russian	(5)	NO COMPARABLE COURSE
RUSSIAN 4	Intermed Russian	(4)	NO COMPARABLE COURSE
RUSSIAN 5	Intermed Russian	(4)	NO COMPARABLE COURSE
RUSSIAN 6	Intermed Russian	(4)	NO COMPARABLE COURSE
END OF MAJOR			

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

Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <u>transfer admission website</u>. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

<u>General Catalog</u> . Quick reference charts for $\overline{\text{AP}}$ and $\overline{\text{IB}}$ 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 COURSE ARTICULATED: College has not
			submitted course(s) for articulation
PHILOS 30	Intro Philos of Sci	(4)	NO COMPARABLE COURSE
PHILOS 31	Scientific Reason	(4)	NO COMPARABLE COURSE
PHILOS 32	Scientific Change	(4)	NO COMPARABLE COURSE
SCI&SOC 1	Critical Inquiry into	(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 COURSE ARTICULATED: College has not
	Culture		submitted course(s) for articulation
Same as:	ANTHRO 32		

4 quarter units of lower-division science courses from the Approved Science Electives list. To see the list, click on http://sts.ucdavis.edu/undergraduate/sts-major-requirements

END OF MAJOR

====Sociology A.B.====

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

SOCIOL 1 Intro Sociology (5) SOC 300 Introductory Sociology (3) OR

SOC 480 Introductory Sociology (3)
- Honors

SOCIOL	46A	Intro Social Rsch AND	(4)	NO COMPARABLE COURSE AND
SOCIOL 4	46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE
		ONE COURSE FRO	OM T	HE FOLLOWING:
SOCIOL :	2	Self and Society	(4)	NO COMPARABLE COURSE
SOCIOL :	3	Social Problems	(4)	SOC 301 Social Problems (3)
SOCIOL 4	4	Immigrtn & Opprtnty	(4)	SOC 320 Minorities in America (3)
SOCIOL !		Global Soc Change	(4)	NO COMPARABLE COURSE
SOCIOL :	11	Sociology of Labor and Employment	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
		Popular Culture	(4)	SOC 350 Sociology of Popular (3) Culture
SOCIOL :	30A	Multicultural Societies	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
SOCIOL :	30B	Multicultural Societies	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
		ONE COURSE FRO	OM T	HE FOLLOWING:
ANTHRO :	2	Cultural Anthropology	(5)	ANTH 310
		OR		ANTH 481 Honors Cultural (3) Anthropology OR
ANTHRO :	20	-	(4)	NO COURSE ARTICULATED: College has not
		03.1.5.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0	(- /	submitted course(s)for articulation
		ONE COURSE FRO	OM T	HE FOLLOWING:
HISTORY	4A	Western Civ	(4)	HIST 300 History of Western (3) Civilization OR
				HIST 480 History of Western (3) Civilization-Honors
HISTORY	4B	Western Civ	(4)	HIST 300 History of Western (3) Civilization
				OR HIST 480 & History of Western (3) Civilization-Honors
				HIST 302 History of Western (3) Civilization
				OR .
				HIST 481 History of Western (3) Civilization-Honors
HISTORY	4C	Western Civ	(4)	HIST 302 History of Western (3) Civilization
				OR HIST 481 History of Western (3) Civilization-Honors
HISTORY	6	Intro to Middle East	(4)	NO COURSE ARTICULATED: College has not
HISTORY	7A	Latin America to 1700	(4)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HISTORY	7в	Latin America 1700-1900	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HISTORY	7C	Latin America 1900-Present	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HISTORY	8	Indian Civilization	(4)	NO COMPARABLE COURSE
HISTORY				HIST 364 & Asian Civilization (3) HIST 365 Asian Civilization (3)

HISTORY 9B	East Asian Civ	(4) HIST 364 & Asian Civilization (3) HIST 365 Asian Civilization (3)
HISTORY 10C	World History III	(4) HIST 308 History of World (3) Civilizations, 1500 to
HISTORY 15A	Africa to 1900	Present (4) NO COURSE ARTICULATED
HISTORY 15B	Africa Today	(4) NO COURSE ARTICULATED
HISTORY 17A	U.S. History	(4) HIST 310 History of the United (3)
		States
		OR
		HIST 483 History of the United (3)
		States-Honors
HISTORY 17B	U.S. History	(4) HIST 311 History of the United (3)
		States
		OR OR
		HIST 484 History of the United (3)
		States-Honors

ONE COURSE FROM THE FOLLOWING:

PHILOS 5	Critical Reasoning	(4) PHIL 320	Logic and Critical (3 Reasoning)
PHILOS 14	Eth Soc Prob in Soc	(4) PHIL 315	Contemporary Moral (3 Issues)
PHILOS 24	Intro to Ethics	(4) PHIL 310	Introduction to Ethics (3)

END OF MAJOR

====Sociology A.B. (Comparative Studies and World Development)==== Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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College Foreign Language Requirement Note:

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

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

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SOCIOL 1	Intro Sociology	(5)	SOC 300	Introductory Sociology	(3)
			SOC 480	Introductory Sociology - Honors	(3)
SOCIOL 5	Global Soc Change	(4)	NO COMPARA	ABLE COURSE	
SOCIOL 46A	Intro Social Rsch AND	(4)	NO COMPARA	ABLE COURSE AND	
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARA	ABLE COURSE	
ECON 1B	Princ of Macroecon	(4)	ECON 302 	Principles of Macroeconomics	(3)
ANTHRO 2	Cultural Anthropology	(5)	ANTH 310	Cultural Anthropology	(3)
	OR		ANTH 481	Honors Cultural Anthropology OR	(3)
ANTHRO 20	Comparative Cultures	(4)	1	ARTICULATED: College has course(s) for articulation	
HISTORY 100	C World History III	(4)	HIST 308 	History of World Civilizations, 1500 to Present	(3)
DOI GGT 2	OR	(1)	 DOT G 202	OR	(2)
POL SCI 2	Intro Comp Politics	(4)	POLS 302 	Introduction to Government: Foreign	(3)

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

END OF MAJOR

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

Special Advising Note:

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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.

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

SOCIOL 1	Intro Sociology	(5)	SOC 300	Introductory Sociology	(3)
			SOC 480	Introductory Sociology - Honors	(3)
SOCIOL 3	Social Problems OR	(4)	SOC 301 	Social Problems OR	(3)
SOCIOL 4	Immigrtn & Opprtnty OR	(4)	SOC 320	Minorities in America OR	(3)
SOCIOL 11	Sociology of Labor and Employment	(4)	1	ARTICULATED: College has course(s) for articulati	
SOCIOL 46A	Intro Social Rsch AND	(4)	NO COMPARA:	BLE COURSE AND	
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARA	BLE COURSE	

4 QUARTER UNITS FROM THE FOLLOWING:

ANTHRO	2	Cultural	Anthr	ropology	((5)	ANT	н 310		Cultural <i>P</i>	nthropolo	ogy	(3)
							(OR					
							ANT	H 481		Honors Cul	tural		(3)
										Anthropolo	gy		
ANTHRO	20	Compara	ative	Cultures	s ((4)	NO (COURSE	AR	TICULATED:	College	has	not

POL SCI	1	Amer Natl Govt	(4)	submitted course(s)for articulation POLS 301
				POLS 481 Introduction to (3) Government: United States-Honors
POL SCI	3	Internatl Relations	(4)	POLS 310 Introduction to (3) International Relations
POL SCI	4	Bas Cnpt/Pol Thry	(4)	POLS 320 Introduction to (3) Political Theory
POL SCI	7	Law & Politics	(4)	POLS 330 Constitutional Rights (3)
				POLS 332 Law and Society (3) Same as: BUS 345 OR
				BUS 345 Law and Society (3) Same as: POLS 332
		4 QUARTER UNITS	FRO	M THE FOLLOWING:
HISTORY	4A	Western Civ	(4)	HIST 300 History of Western (3) Civilization
				<u>OR</u> HIST 480 History of Western (3) Civilization-Honors
HISTORY	4B	Western Civ	(4)	HIST 300 History of Western (3) Civilization
				OR HIST 480 & History of Western (3) Civilization-Honors
				HIST 302 History of Western (3) Civilization
				<u>OR</u> HIST 481 History of Western (3) Civilization-Honors
HISTORY	4C	Western Civ	(4)	HIST 302 History of Western (3) Civilization
				OR HIST 481 History of Western (3) Civilization-Honors
HISTORY	6	Intro to Middle East	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HISTORY	7A	Latin America to 1700	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HISTORY	7B	Latin America 1700-1900	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HISTORY	7C	Latin America 1900-Present	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HISTORY	8	Indian Civilization	(4)	NO COMPARABLE COURSE
HISTORY	9A	East Asian Civ		HIST 364 & Asian Civilization (3)
	0=		,	HIST 365 Asian Civilization (3)
HISTORY	9B	East Asian Civ	(4)	HIST 364 & Asian Civilization (3)
HISTORY	10C	World History III	(4)	HIST 365
HISTORY	15A	Africa to 1900	(4)	NO COURSE ARTICULATED
		Africa Today		NO COURSE ARTICULATED
HISTORY	17A	U.S. History	(4)	HIST 310 History of the United (3) States

			OI	2		
			HIST	483	History of the United	(3)
					States-Honors	
HISTORY 17B	U.S. History	(4)	HIST	311	History of the United	(3)
					States	
			OI	<u>ર</u>		
			HIST	484	History of the United	(3)
					States-Honors	
	a ' ' ' 1 p	(4)	 	200		
PHILOS 5	Critical Reasoning	(4)	PHIL	320	Logic and Critical	(3)
	OR		 		Reasoning OR	
DIITI OG 14	*	(1)	 DIITT	215	*==	(2)
PHILOS 14	Eth Soc Prob in Soc	(4)	PHIL	315	Contemporary Moral	(3)
					Issues	
	OR				OR	
PHILOS 24	Intro to Ethics	(4)	PHIL	310	Introduction to Ethics	(3)

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

available f	rom our TAG website.				
SOCIOL 1	Intro Sociology	(5)	SOC 300 OR	Introductory Sociology	(3)
			SOC 480	Introductory Sociology - Honors	(3)
SOCIOL 2	Self and Society OR	(4)	NO COMPARA	BLE COURSE OR	
SOCIOL 3	Social Problems	(4)	SOC 301	Social Problems	(3)
SOCIOL 46A	Intro Social Rsch	(4)	NO COMPARA	BLE COURSE AND	
SOCIOL 46B		(5)	NO COMPARA		
PSYCH 1	General Psychology	(4)	PSYC 300	General Principles	(3)
			PSYC 480	Honors General Principles	(3)
	6-8 QUARTER UNI	rs f	ROM THE FOL	LOWING:	
AF-AMST 10	Af-Am Culture & Soc	(4)	NO COMPARA	BLE COURSE	
AF-AMST 15	Intro Afro Amer Hum	(4)	NO COMPARA	BLE COURSE	
A A STD 1	Hist Exp Asian Am	(4)	HIST 325 	History of Asian/Pacific Americans	(3)
A A STD 2	Contemp Issues of Asian Americans	(4)	HIST 325 	History of Asian/Pacific Americans	(3)
CHICANO 10	Intro to Chic Std	(4)		ARTICULATED: College has course(s) for articulati	
CHICANO 50	Chicano Culture	(4)	NO COURSE	ARTICULATED: College has course(s) for articulati	not
N A STD 1	Intro NA Studies	(4)	NO COMPARA		
N A STD 10	NA Experience		NO COMPARA		
SOCIOL 4	Immigrtn & Opprtnty	. ,	1	Minorities in America	(3)
SOCIOL 11	Sociology of Labor and Employment		NO COURSE	ARTICULATED: College has course(s) for articulati	not
SOCIOL 30A		(3)	NO COURSE	ARTICULATED: College has course(s) for articulati	not
SOCIOL 30B	Multicultural Societies	(3)	NO COURSE	ARTICULATED: College has course(s) for articulati	not

END OF MAJOR

====Sociology-Organizational Studies A.B.====

Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <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 Discount (AD) and Intermediated Description (ID) Examination Natura

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

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

SOCIOL 1	Intro Sociology	(5)	SOC 300 <u>OR</u>	Introductory Sociology (3	
			SOC 480 	<pre>Introductory Sociology (3 - Honors</pre>	})
	AND		ĺ	AND	
SOCIOL 2	Self and Society	(4)	NO COMPARA	BLE COURSE	
SOCIOL 4	Immigrtn & Opprtnty OR	(4)	SOC 320	Minorities in America (3	3)
SOCIOL 5	Global Soc Change	(4)	NO COMPARA	BLE COURSE	
	OR		<u> </u>	OR	
SOCIOL 11	Sociology of Labor and Employment	(4)	!	ARTICULATED: College has no course(s) for articulation)t
SOCIOL 46A		(4)	NO COMPARA		-
	AND			AND	
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARA 	BLE COURSE	
ECON 1A	Princ of Microecon	(4)	ECON 304	-	3)
				Microeconomics	
	AND		!	AND	
ECON 1B	Princ of Macroecon	(4)	ECON 302	Principles of (3 Macroeconomics	})
			I 		

====Spanish A.B.====

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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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.

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 402 Elementary Spanish (4)

SPANISH 22 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 COMPARABLE COURSE

SPANISH 24 Span Comp II (4) NO COMPARABLE COURSE

OR OR

SPANISH 31 Int Span Nat Spk I (5) NO COMPARABLE COURSE

SPANISH 32 Int Span Nat Spk II (5) NO COMPARABLE COURSE

SPANISH 33

It is recommended that transfer students who have successfully completed a two-year sequence at the junior college level comparable to UC Davis Spanish 1 through 22 continue their study at UC Davis by taking Spanish 23. When available at the community college students are encouraged to complete courses comparable to Spanish 23 and 24. Students should consult a Spanish Department advisor at UC Davis upon enrollment.

LINGUIS 1 Intro Linguistics (4) NO COMPARABLE COURSE

END OF MAJOR

====Statistics A.B.====

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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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.

MATH 16A	Short Calculus	(3)	MATH	400	Calculus I		(5)
MATH 16B	Short Calculus	(3)	MATH	401	Calculus II		(5)
MATH 16C	Short Calculus OR	(3)	MATH 	401	Calculus II OR		(5)
MATH 17A	Calculus for BioSci	(4)	MATH	355	Calculus for and Medicine		(4)
MATH 17B	Calculus for Biosci	(4)	MATH	356	Calculus for and Medicine		(4)
MATH 17C	Calculus for BioSci	(4)	MATH	356	Calculus for and Medicine		(4)
	OR		j		OR		
MATH 21A	Calculus	(4)	MATH	400	Calculus I		(5)
MATH 21B		(4)	МАТН	401	Calculus I Calculus II		(5)
MATH 21C		(4)	MATH	402	Calculus III		(5)
MAIN ZIC	carcurus	(1)	1.127111	102	Carcaras III		(3)
MATH 22A	Linear Algebra	(3)	MATH		Introduction Algebra	to Linear	(3)
ENTO GO 202	T						
	Intro to Programming(4) y ENG CS 10 OR				RTICULATED: Co ourse(s) for a	_	
Formerly	y ENG CS 10 OR		submi	itted c	ourse(s) for a	_	n
Formerly ENG CS 36A	y ENG CS 10		submi CISP	itted c	ourse(s) for a	articulatio	
Formerly ENG CS 36A	y ENG CS 10 OR Programming		submi CISP 	300	ourse(s) for a OR Algorithm Design/Proble	articulatio	on (3)
Formerly ENG CS 36A	y ENG CS 10 OR Programming		submi CISP <u>OI</u> CISP	itted co	ourse(s) for a OR Algorithm	articulation em Solving	n
Formerly ENG CS 36A	y ENG CS 10 OR Programming		submi	300 360	ourse(s) for a OR Algorithm Design/Proble Introduction Structured Pr	em Solving to	(3)
Formerly ENG CS 36A	y ENG CS 10 OR Programming ENG CS 30		submi CISP <u>OI</u> CISP	300 360	Ourse(s) for a OR Algorithm Design/Proble Introduction Structured Pr Honors Introd Structured Programming	em Solving to	(3)
Formerly ENG CS 36A Formerly	y ENG CS 10 OR Programming ENG CS 30 OR	(4)	Submi CISP OE CISP CISP	300 <u>2</u> 360 <u>4</u> 80	Ourse(s) for a OR Algorithm Design/Proble Introduction Structured Pr Honors Introd Structured Programming OR	em Solving to cogramming	(3) (4) (5)
Formerly ENG CS 36A Formerly ENG CS 36B	y ENG CS 10 OR Programming ENG CS 30	(4)	Submi CISP OH CISP OH CISP	300 300 360 480	Ourse(s) for a OR Algorithm Design/Proble Introduction Structured Pr Honors Introd Structured Programming OR	em Solving to cogramming duction to	(3)
Formerly ENG CS 36A Formerly ENG CS 36B	OR Programming ENG CS 30 OR OR OBject-Oriented Program	(4)	Submi	300 300 360 480	Ourse(s) for a OR Algorithm Design/Proble Introduction Structured Pr Honors Introd Structured Programming OR Object Orient Programming v	em Solving to cogramming duction to	(3) (4) (5)
Formerly ENG CS 36A Formerly ENG CS 36B	OR Programming ENG CS 30 OR OR OBject-Oriented Program	(4)	Submi CISP OH CISP OH CISP	300 300 360 480	Ourse(s) for a OR Algorithm Design/Proble Introduction Structured Pr Honors Introd Structured Programming OR Object Orient	em Solving to cogramming duction to ced with C++	(3) (4) (5)

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.

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Transfer Admission Guarantee (TAG) Note:

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

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

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

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

MATH 16A	Short Calculus	(3) MATH 4	400 Calculus	I	(5)
MATH 16B	Short Calculus	(3) MATH 4	401 Calculus	II	(5)
MATH 16C	Short Calculus	(3) MATH 4	401 Calculus	II	(5)
	OR	İ	OR		
MATH 17A	Calculus for BioSci	(4) MATH 3	355 Calculus	for Biology	(4)
		j	and Medic	cine I	
MATH 17B	Calculus for Biosci	(4) MATH 3	356 Calculus	for Biology	(4)
		j	and Medic	cine II	
MATH 17C	Calculus for BioSci	(4) MATH 3	356 Calculus	for Biology	(4)
		j	and Medic	cine II	
	OR	j	OR		
MATH 21A	Calculus	(4) MATH 4	400 Calculus	I	(5)
MATH 21B	Calculus	(4) MATH 4	401 Calculus	II	(5)
MATH 21C	Calculus	(4) MATH 4	402 Calculus	III	(5)
		'			

NOTE: THE MATH 21A,B,C SERIES IS RECOMMENDED IF AVAILABLE

MATH 22A	Linear Algebra	(3)	MATH 	410	Introduction to Linear (Algebra	(3)
	Intro to Programming(y ENG CS 10 OR	4)	!		ARTICULATED: College has r course(s) for articulation OR	
	Programming ENG CS 30	(4)	CISP OF		Algorithm (Design/Problem Solving	(3)
			CISP OF		Introduction to (Structured Programming	(4)
			CISP	-	Honors Introduction to (Structured Programming	(5)
	OR Object-Oriented Progr ENG CS 40	am (4)	 CISP 	400	OR Object Oriented (Programming with C++	(4)

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.

AND ONE COURSE FROM

STATIST 12 Discrete Probabil (4) NO COMPARABLE COURSE

STATIST 13 Elementary Statistics (4) PSYC 330 Introductory (3)

Same as: STATIST 13Y Statistics for the
Behavioral Sciences

OR
STAT 300 Introduction to (4)
Probability and
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:

Education(GE) Note:

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

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

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

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

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

available from our TAG website.

MATH 21A MATH 21B MATH 21C	Calculus Calculus Calculus	(4)	MATH MATH MATH	401	Calculus II Calculus III	(5) (5) (5)
MATH 21D MATH 22A	Vector Analysis Linear Algebra	(4)	MATH MATH	402	Calculus III Introduction to Linear Algebra	(5)
	Data Structures ENG CS 60	(4)	 CISP 	430	Data Structures	(4)

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

AND ONE COURSE FROM

3)
1)

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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MATH 21A MATH 21B MATH 21C MATH 21D		(4)	MATH	401 402	Calculus I Calculus II Calculus III Calculus III		(5) (5) (5) (5)
MATH 22A	Linear Algebra OR	(3)	 MATH 	410	Introduction Algebra OR	to Linear	(3)
MATH 67	Modern Linear Algebra	(4)			ARTICULATED: Co		
MATH 25	Advanced Calculus	(4)			ARTICULATED: Co		
	Intro to Programming(4) ly ENG CS 10 OR		!		ARTICULATED: Co course(s) for a OR	_	
	Programming y ENG CS 30	(4)	CISP OR		Algorithm Design/Proble		(3)
			CISP OR		Introduction Structured Pr		(4)
	OR		<u>GR</u> CISP 	i	Honors Introd Structured Programming OR	uction to	(5)
	Object-Oriented Program y ENG CS 40	(4)	CISP OR		Object Orient Programming w		(4)
			CISP		Object Orient Programming w		(4)

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

AND ONE COURSE FROM

STATIST 13 Elementary Statistics (4) PSYC 330 Introductory Same as: STATIST 13Y Statistics for the

		 OF		Behavioral Sciences	
		<u>91</u> STAT 	300	Introduction to Probability and Statistics	(4)
Discrete Probabil Gateway to Data Science	, ,	!		E COURSE E COURSE	

====Statistics B.S. (Statistical Data Science Track)==== Special Advising Note:

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

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

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

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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

ENG CS 32A Intro to Programming(4) Formerly ENG CS 10

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

OR			OR	
ENG CS 36A Programming	(4)	CISP 300	Algorithm	(3)
Formerly ENG CS 30			Design/Problem Solving	
		<u>OR</u>		
		CISP 360	Introduction to	(4)
			Structured Programming	
		OR 400	TT	<i>(</i> - <i>)</i>
		CISP 480	Honors Introduction to Structured	(5)
		 	Programming	
OR			OR	
ENG CS 36B Object-Oriented Program	(4)	CISP 400	Object Oriented	(4)
Formerly ENG CS 40		j	Programming with C++	
		OR		
		CISP 401	Object Oriented	(4)
			Programming with Java	
STATIST 12 Discrete Probabil	(4)	 NO COMPARAE	T.E. COURSE	
OR	(- /		OR	
STATIST 13 Elementary Statistics	(4)	PSYC 330	Introductory	(3)
Same as: STATIST 13Y		j	Statistics for the	
			Behavioral Sciences	
		OR		
		STAT 300	Introduction to	(4)
			Probability and	
OR			Statistics OR	
STATIST 32 Gateway to Data Science	(4)	 NO COMPARAE	*	
STATIST 32 Gateway to Data Science	(1	INO COMPARAE	DIE COURSE	

END OF MAJOR

====Sustainable Agriculture and Food Systems B.S.==== Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

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

COMUNCN 1	Intro Public Spkg	(4)	SPEECH 301	l Public S	peaking	(3)
				2 Persuasi	ve Speech	(3)
PL SCI 15	Intro Sustainable Agriculture	(4)		ARTICULATED: course(s) for	_	
CM&RGDE 20	Food Systems	(4)		ARTICULATED: course(s)for		
PL PATH 40	Edible Mushroom Cult	(2)		ARTICULATED: course(s)for		
	OR			OR		

	Org Crop Prod Prac	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation				
	galage and at the A	 11					
AN SCI 41L	Select one of the in Domest An Prod Lab		NO COURSE ARTICULATED: College has not submitted course(s) for articulation				
AN SCI 49A	Animal Prac/Aquaculture	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation				
AN SCI 49B	Animal Prac/Beef	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation				
AN SCI 49C	Animal Prac/Dairy	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation				
AN SCI 49D	Animal Prac/Goats	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation				
AN SCI 49E	Animal Prac/Horses	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation				
AN SCI 49F	Animal Prac/Lab Animals	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation				
AN SCI 49G	Animal Prac/Meats	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation				
AN SCI 49H	Animal Prac/Poultry	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation				
AN SCI 49I	Animal Prac/Sheep		NO COURSE ARTICULATED: College has not submitted course(s)for articulation				
AN SCI 49J	Animal Prac/Swine	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation				
ABIOSYT 49	Fld Equip Oper OR	(2)	NO COMPARABLE COURSE OR				
ABIOSYT 52	Field Equip Welding	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation				
PLUS CHOOSE ONE OF THE FOLLOWING THREE TRACKS:							
	TRACK I: AGRICUI	LTUR:	E AND ECOLOGY				
MATH 16A MATH 16B	TRACK I: AGRICUI	LTUR :	E AND ECOLOGY MATH 400 Calculus I (5)				
MATH 16B 	TRACK I: AGRICUITE Short Calculus Short Calculus Genl Chemistry Genl Chemistry	(3) (3) (3) (5) (5)	E AND ECOLOGY MATH 400				
MATH 16B	TRACK I: AGRICUI Short Calculus Short Calculus Genl Chemistry Genl Chemistry	(3) (3) (3) (5) (5)	E AND ECOLOGY MATH 400				
MATH 16B	TRACK I: AGRICUI Short Calculus Short Calculus Genl Chemistry Genl Chemistry Principles Physics	(3) (3) (5) (5) (5)	E AND ECOLOGY MATH 400				
MATH 16B	TRACK I: AGRICUI Short Calculus Short Calculus Genl Chemistry Genl Chemistry Principles Physics 2B Intro Biology:	(3) (3) (5) (5) (5)	E AND ECOLOGY MATH 400				
MATH 16B	TRACK I: AGRICUIT Short Calculus Short Calculus Short Calculus Genl Chemistry Genl Chemistry Principles Physics 2B Intro Biology: Ecology & Evolution	(3) (3) (5) (5) (5) (5)	E AND ECOLOGY MATH 400				
MATH 16B	TRACK I: AGRICUIT Short Calculus Short Calculus Short Calculus Genl Chemistry Genl Chemistry Principles Physics 2B Intro Biology: Ecology & Evolution	(3) (3) (5) (5) (5) (5)	E AND ECOLOGY MATH 400 Calculus I (5) MATH 401 Calculus II (5) CHEM 400 General Chemistry (5) CHEM 400 General Chemistry (5) CHEM 401 General Chemistry (5) PHYS 350 General Physics (4) BIOL 400 Principles of Biology (5) BIOL 410 Principles of Botany (5) BIOL 420 Principles of Botany (5) BIOL 415 Introduction to (5) OR BIOL 415 Introduction to (5) Biology: Biodiversity, Evolution, and Ecology NO COMPARABLE COURSE				
MATH 16B	TRACK I: AGRICUITE Short Calculus Short Calculus Genl Chemistry Genl Chemistry Principles Physics 2B Intro Biology: Ecology & Evolution Bot Physio Cul Plt Domest Ani & People OR	(3) (3) (5) (5) (5) (5)	E AND ECOLOGY MATH 400 Calculus I (5) MATH 401 Calculus II (5) CHEM 400 General Chemistry (5) CHEM 400 General Chemistry (5) CHEM 401 General Chemistry (5) PHYS 350 General Chemistry (5) PHYS 350 General Physics (4) BIOL 400 Principles of Biology (5) BIOL 410 Principles of Botany (5) BIOL 420 Principles of Zoology (5) OR BIOL 415 Introduction to (5) Biology: Biodiversity, Evolution, and Ecology NO COMPARABLE COURSE				
MATH 16B	TRACK I: AGRICUI Short Calculus Short Calculus Genl Chemistry Genl Chemistry Principles Physics 2B Intro Biology: Ecology & Evolution Bot Physio Cul Plt Domest Ani & People OR	(3) (3) (5) (5) (5) (5) (5)	E AND ECOLOGY MATH 400 Calculus I (5) MATH 401 Calculus II (5) CHEM 400 General Chemistry (5) CHEM 400 & General Chemistry (5) CHEM 401 General Chemistry (5) CHEM 401 General Chemistry (5) PHYS 350 General Physics (4) BIOL 400 & Principles of Biology (5) BIOL 410 & Principles of Botany (5) BIOL 420 Principles of Zoology (5) OR BIOL 415 Introduction to (5) Biology: Biodiversity, Evolution, and Ecology NO COMPARABLE COURSE OR NO COMPARABLE COURSE OR NO COMPARABLE COURSE OR NO COMPARABLE COURSE OR				

CM&RGDE 1	The Community	(4)	NO COMPARABLE COURSE				
PHILOS 14	Eth Soc Prob in Soc	(4)	PHIL 315 Contempora Issues OR	ry Moral (3)			
PHILOS 15	Intro to Bioethics OR	(4)	I				
	Intro to Ethics		PHIL 310 Introduction				
	Cultural Anthropology						
	OR		! 	tural (3)			
POL SCI 4	Bas Cnpt/Pol Thry OR	(4)	-	on to (3) Theory			
SOCIOL 1	Intro Sociology	(5)		y Sociology (3)			
	OR		· 	y Sociology (3)			
	Social Problems			lems (3)			
TRACK II: FOOD AND SOCIETY							
PHILOS 5	Critical Reasoning OR			Critical (3)			
	Scientific Reason	(4)					
	Eth Soc Prob in Soc	(4)	PHIL 315 Contemporal Issues				
PHILOS 15	OR Intro to Bioethics OR	(4)	OR NO COMPARABLE COURSE OR				
PHILOS 24	Intro to Ethics	(4)	<u> </u>	on to Ethics (3)			
SOCIOL 46B	Intro Social Rsch OR	(5)	NO COMPARABLE COURSE OR				
	Elementary Statistics STATIST 13Y	(4)	PSYC 330 Introducto Statistics Behavioral	for the			
			<u>OR</u> STAT 300 Introducti Probabilit Statistics	y and			
	Genl Chemistry						
BIOLSCI 10	Everyday Biology	(4)	OR				
	Bot Physio Cul Plt						
g) BIOLSCI	2B Intro Biology: Ecology & Evolution		BIOL 400 & Principles BIOL 410 & Principles BIOL 420 Principles OR	of Botany (5)			
			•	on to (5) iodiversity,			

ENV S&P 1	OR Env Analysis	(4)	!	Evolution, and Ecology OR E. COURSE	
	OR Global Ecosystem	, ,	NO COMPARABL	OR	
	ENV SC&M 30 OR			OR	
W&F BIO 10	Wildl Ecol Conserve OR	(4)	!	TICULATED: College has urse(s)for articulatio OR	
W&F BIO 51	Intro to Conservation Biology	(3)	BIOL 352 	Conservation Biology	(3)
FD S&T 1	Food Sci Principles		NO COMPARABL	E COURSE	
SOILSCI 10				Soils, Soil Management, and Plant Nutrition	(3)
ECON 1A	Princ of Microecon	(4)	ECON 304		(3)
POL SCI 4	Bas Cnpt/Pol Thry	(4)	POLS 320		(3)
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 I	ntroductory Sociology	(3)
	OR		SOC 480 I	ntroductory Sociology Honors OR	(3)
SOCIOL 3	Social Problems	(4)	SOC 301 S	ocial Problems	(3)
	The Community Ethnicity Amer Comm		NO COMPARABL		
	TRACK III: ECC	ONOMI	CS AND POLICY		
MATH 16A				Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 401 	Calculus II 	(5)
SOCIOL 46B	Intro Social Rsch OR	(5)	NO COMPARABL	E COURSE OR	
	Elementary Statistics STATIST 13Y	(4)			(3)
				Introduction to Probability and Statistics	(4)
CHEM 2A	Genl Chemistry				
	Everyday Biology			General Biology	
				OR Foundations of Biolog	
	Bot Physio Cul Plt				

g) BIOLSCI	2B	Intro Biology: Ecology & Evolution		BIOL BIOL		&	Principles of Biology Principles of Botany Principles of Zoology	(5)
		OR		BIOI 	415		Introduction to Biology: Biodiversity, Evolution, and Ecology OR	(5)
ENV S&P 1	Env	-	(4)	NO C	OMPA	RABI	JE COURSE OR	
ENV S&P 30 Same as		obal Ecosystem	(3)	NO C	OMPAI	RABI	_	
W&F BIO 10	Wi		(4)				TICULATED: College has ourse(s)for articulation	
W&F BIO 51		-	(3)	 BIOL 			Conservation Biology	(3)
		Sci Principles		NO C				
	So En		(3)	 	302			(3)
ECON 1A		of Microecon			304			
ECON 1B	Princ	of Macroecon	(4)	 ECON 				(3)
POL SCI 4	Bas	Cnpt/Pol Thry	(4)	POLS	320			(3)
ANTHRO 2	Cultu	ral Anthropology	(5)	i	310 R		Cultural Anthropology	(3)
		OR		ANTH	481		Honors Cultural Anthropology OR	(3)
SOCIOL 1	Intr	o Sociology	(5)	<u> 0</u>	300)R		introductory Sociology	
		O.D.		SOC 	480		introductory Sociology Honors	(3)
SOCIOL 3	Soci	OR al Problems	(4)	 soc	301	S	OR Social Problems	(3)
		Community						
		Soc Prob in Soc					Contemporary Moral	
PHILOS 15	Int	OR ro to Bioethics	(4)	NO C	OMPAI	RABI		
PHILOS 24	Int	OR ro to Ethics	(4)	 PHIL 	310		OR Introduction to Ethics	(3)
								_

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g) Students at American River College may take either all of BIOL 400 AND 410 AND 420 OR they may take BIOL 415 to receive credit for BIOLSCI 2B and BIOLSCI 2C at UC Davis,

====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.

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Transfer Admission Guarantee (TAG) Note:

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

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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 U<u>C Transfer Admission website</u>. 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.				
COMUNCN 1 Intro Public Spkg	(4)	SPEECH 301 <u>OR</u>	Public Speaking	(3)
		SPEECH 302	Persuasive Speech	(3)
ENGLISH 3 Intro to Lit	(4)	ENGWR 301	College Composition and Literature	(3)
		ENGWR 303	Argumentative Writing and Critical Thinking Through Literature	(4)
		<u>OR</u> ENGWR 481	Honorg College	(2)
OR		ENGWR 401	Honors College Composition and Literature OR	(3)
UWRITING 1 Expository Writing	(4)	ENGWR 300	College Composition	(3)
OR		ENGWR 480 	Honors College Composition OR	(3)
UWRITING 48 Style in the Essay Formerly UWRITING 18	(4)	ENGWR 302	Advanced Composition and Critical Thinking	(3)
		<u>OR</u> ENGWR 482 	Honors Advanced Composition and Critical Thinking	(3)
OR UWRITING 49 Writing Research Papers	(1)	 NO COMPARABI	OR F COIDSE	
Formerly UWRITING 19	(+)	NO COMPARABI	LE COORSE	
g) BIOLSCI 2B Intro Biology: Ecology & Evolution	(5)	BIOL 400 & BIOL 410 &	Principles of Biology Principles of Botany	(5) (5)
neorogy a hvoration		BIOL 420 OR	Principles of Zoology	(5)
		BIOL 415 	Introduction to Biology: Biodiversity, Evolution, and Ecology	(5)
ALL OF THE FO		WING COURSES		
LND ARC 1 Intro Environ Design	(4)	NO COMPARABI	LE COURSE	
LND ARC 2 Place, Culture, Community LND ARC 3 Sustainable Development		!	LE COURSE RTICULATED: College has ourse(s) for articulation	
LND ARC 21 Landscape Rep I	(4)	HORT 322	Landscape and	(3)

Formerly	Design Visualization	Irrigation Graphics and Design
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 COURS	SE IN A PHYSICAL SCIENCE

END OF MAJOR

g) Students at American River College may take either all of BIOL 400 AND 410 AND 420 OR they may take BIOL 415 to receive credit for BIOLSCI 2B and BIOLSCI 2C at UC Davis,

====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.

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

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

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

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______ PL SCI 21 Computers in Technology (3) NO COMPARABLE COURSE OR B) ENG CS 15 Intro to Computers (4) CISC 310 Introduction to (3) Computer Information Science OR (4) CISP 300 Algorithm ENG CS 36A Programming Formerly ENG CS 30 Design/Problem Solving OR CISP 360 Introduction to Structured Programming OR CISP 480 Honors Introduction to (5) Structured Programming

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

ECON 1B	Princ of Macroecon	(4)	ECON 302 	2 Principles of Macroeconomics	(3)							
4 QUARTER UNITS FROM THE FOLLOWING:												
ANTHRO 2	Cultural Anthropology	(5)	i	Cultural Anthropology	(3)							
	OR		<u>OR</u> ANTH 481 	Honors Cultural Anthropology OR	(3)							
SCI&SOC 1	Critical Inquiry into Contemporary Issues	(4)	NO COMP <i>I</i>	ARABLE COURSE								
	OR			OR	(0)							
ARTHI 1A	Ancient Mediterranean Art	(4)	ARTH 302 OR	Art: Stone Age through the Middle Ages	(3)							
	OR		<u>OK</u> ARTH 322 	2 Art History of the Non-Western World OR	(3)							
ARTHI 1B	Mediev&Renaiss Art OR	(4)	 ARTH 308 		(3)							
ARTHI 1C	Baroque to Modern Art	(4)	 ARTH 31(OR		(3)							
	OR		<u>511</u> ARTH 334 	International Contemporary Art OR	(3)							
ARTHI 1D	*=	(4)	 NO COMP <i>I</i>	ARABLE COURSE								
	ALL OF THE FO	DLLO	WING COUR									
PHYSICS 1A	Principles Physics OR	(3)	PHYS 350 	General Physics OR	(4)							
PHYSICS 10	Topics,Nonscientists	(4)	PHYS 310	O Conceptual Physics	(3)							
PSYCH 1	General Psychology	(4)	PSYC 300	General Principles	(3)							
			PSYC 480 	Honors General Principles	(3)							
SOCIOL 2	Self and Society	(4)	NO COMP	ARABLE COURSE								
	Elementary Statistics STATIST 13Y	(4)	PSYC 330 OR	Introductory Statistics for the Behavioral Sciences	(3)							
			<u>OR</u> STAT 300 	Introduction to Probability and Statistics	(4)							
TEX&CL 7		(4) (4)	NO COMPA	ARABLE COURSE	(3)							
MGMT 11B	Elem Accounting	(4) (4)	ACCT 301	Financial Accounting Managerial Accounting								
				ARABLE COURSE OR								
CHEM 2A	Genl Chemistry	(5)	 CHEM 400	General Chemistry	(5)							
MATH 16A MATH 16B	Short Calculus Short Calculus	(3)	MATH 400 MATH 401		(5) (5)							

RESTRICTED ELECTIVES (12 QUARTER UNITS):

AGRESEC 18	Business Law	(4) BUS 340 Business Law	(3)
DESIGN 77	Intro to Fashion Desi	ign (4) NO COMPARABLE COURSE	
MATH 16C	Short Calculus	(3) MATH 401 Calculus II	(5)
Foreign langunits.	guage units may be used	d to satisfy any or all of the required 12	
END OF MAJO	 R		

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.

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

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

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

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

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

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

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

PL SCI 21 Computers in Technology OR	(3)	NO COMPARAB	BLE COURSE OR	
B) ENG CS 15 Intro to Computers	(4)	CISC 310	Introduction to Computer Information Science	(3)
OR		j	OR	
ENG CS 36A Programming	(4)	CISP 300	Algorithm	(3)
Formerly ENG CS 30		İ	Design/Problem Solving	
		OR		
		CISP 360	Introduction to	(4)
			Structured Programming	
		OR		
		CISP 480	Honors Introduction to	(5)
			Structured	
			Programming	

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

ECON 1B	Princ of Macroecon	(4)	ECON	302	Microeconomics Principles of Macroeconomics	(3)
	4 QUARTER UNITS	FROM	4 THE	FOLLOW:	ING:	
ANTHRO 2	Cultural Anthropology	(5)	ANTH OF		Cultural Anthropology	(3)
	OR		ANTH	_	Honors Cultural Anthropology OR	(3)
SCI&SOC 1	Critical Inquiry into Contemporary Issues	(4)	NO CO)MPARAB]	LE COURSE	
ARTHI 1A	OR Ancient Mediterranean Art	(4)			OR Art: Stone Age through the Middle Ages	(3)
	O.D.		OI ARTH	_	Art History of the Non-Western World	(3)
ARTHI 1B		(4)	ARTH	308	OR Renaissance Tradition in Art	(3)
ARTHI 1C	OR Baroque to Modern Art	(4)			OR Modern Art	(3)
	O.D.		OI ARTH	_	International Contemporary Art	(3)
ARTHI 1D	OR Arts of Asia	(4)	NO CO	OMPARAB!	OR Le course	
	ALL OF THE FO	OLLOV	VING (COURSES		
PHYSICS 1A	Principles Physics OR	(3)	PHYS	350	General Physics OR	(4)
PHYSICS 10	Topics,Nonscientists	(4)	PHYS	310	Conceptual Physics	(3)
PSYCH 1	General Psychology	(4)	PSYC		General Principles	(3)
			PSYC	=	Honors General Principles	(3)
SOCIOL 2	Self and Society	(4)	NO CO	OMPARAB!	LE COURSE	
	Elementary Statistics : STATIST 13Y	(4)			Introductory Statistics for the Behavioral Sciences	(3)
			STAT	_	Introduction to Probability and Statistics	(4)
TEX&CL 6 TEX&CL 7 TEX&CL 8	Style & Cult Std	(4)	NO CO	OMPARAB!	Textiles LE COURSE LE COURSE	(3)
					General Chemistry	
CHEM 2B	Genl Chemistry					(5) (5)
CHEM 8A	Organic Chem-Brief	(2)	 CHEM	423	Organic Chemistry -	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM	423	Short Survey Organic Chemistry - Short Survey	(5)

MATH 16A	Short Calculus	(3)	MATH	400	Calculus I	(5)		
	RESTRICTED ELECTIVES	(16	QUAR	rer u	JNITS):			
AGRESEC 18	Business Law	(4)	BUS 3	340	Business Law	(3)		
CHEM 2C	Genl Chemistry	(5)	CHEM	401	General Chemistry	(5)		
CHEM 128A	Organic Chemistry	(3)	CHEM	420	Organic Chemistry	(5)		
CHEM 128B	Organic Chemistry	(3)	CHEM	420	& Organic Chemistry	(5)		
			CHEM	421	Organic Chemistry	(5)		
CHEM 128C	Organic Chemistry	(3)	CHEM	421	Organic Chemistry	(5)		
DESIGN 77	Intro to Fashion Design	(4)	NO CO	OMPAI	RABLE 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	401	Calculus II	(5)		
MATH 16C	Short Calculus	(3)	MATH	401	Calculus II	(5)		
SOCIOL 25	Popular Culture	(4)	SOC 3	350	Sociology of Popular	(3)		
			İ		Culture			
Foreign language units may be used to satisfy any or all of the required 16								

units.

END OF MAJOR

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

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

Special Advising Note:

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

College Foreign Language Requirement Note:

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

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

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

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

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 350)	Theory and Techniques of Acting 1	(3)
				OR			
				TA 480)	Honors Theory and	(3)
						Techniques of Acting	
DRAMART	40A	Beg Modern Dance	(2)	DANCE	330	Modern Dance I	(1)
DRAMART	40B	Int Modern Dance	(2)	DANCE	332	Modern Dance II	(1)
DRAMART	42A	Beg Ballet	(2)	DANCE	320	Ballet I	(1)
DRAMART	42B	Inter Ballet	(2)	DANCE	321	Ballet II	(1)

ALL OF THE FOLLOWING COURSES:

DRAMART	28	Stagecraft & Management ((4)	NO COURSE	ARTICULATED:	College has not
				${\tt submitted}$	course(s)for	articulation
DRAMART	55	Cont Theatre Dance Perf ((4)	NO COURSE	ARTICULATED:	College has not
				${\tt submitted}$	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
			ĺ	submited of	course(s)for a	articulation
DRAMART	56C	Hist Theatre Dance III ((4)	NO COURSE	ARTICULATED:	College has not
			ĺ	submited of	course(s)for a	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:

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

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

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BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 400 	Principles of Biology	(5)
	OR		į	OR	
PL SCI 2	Bot Physio Cul Plt	(4)	NO COMPARAB	LE COURSE	
CHEM 2A	Genl Chemistry		CHEM 400	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 400 &	General Chemistry	(5)
			CHEM 401	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 401	General Chemistry	(5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM 423	Organic Chemistry -	(5)
				Short Survey	
CHEM 8B	Organic Chem-Brief	(4)	CHEM 423	Organic Chemistry -	(5)
				Short Survey	
DI. SCT 21	Computers in Technology	(3)	 INO COMPARAR	T.F. COTIDSE	

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

OR EQUIVALENT AND advisor APPROVAL

MATH 16A	Short Calculus	(3) MATH 400	Calculus I	(5)
MATH 16B	Short Calculus	(3) MATH 401	Calculus II	(5)
PHYSICS 1A	Principles Physics	(3) PHYS 350	General Physics	(4)

		AND					AND	
PHYSICS	1B	Principles Physics	(3)	PHYS	360		General Physics	(4)
		OR					OR	
PHYSICS	7A	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.

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.====

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Advanced Discount (AD) and Tataurational Description (TD) Taradaction Water

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UWRITING 1	Expository Writing	(4)		College Composition	(3)
	AND		ENGWR 480	Honors College Composition AND	(3)
COMUNCN 1	Intro Public Spkg	(4)	SPEECH 301		(3)
	OR		SPEECH 302	Persuasive Speech OR	(3)
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	SPEECH 321	Interpersonal Communication	(3)
	OR			OR	
DRAMART 10	Intro To Acting	(4)	NO COMPARAB	LE COURSE	
Note: Comple	ting UWP 1 and Communicat		1		
College requ				1 1	
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 400	Principles of Biology	(5)
g) BIOLSCI 2	B Intro Biology:	(5)	BIOL 400 &	Principles of Biology	(5)
	Ecology & Evolution		· —	Principles of Botany	(5)
	31		BIOL 420	Principles of Zoology	
			OR	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(-)
			BIOL 415	Introduction to	(5)
				Biology: Biodiversity, Evolution, and Ecology	(3)
g) BIOLSCI 2	C Intro Biology:	(5)	BIOL 410 &	Principles of Botany	(5)
			· —		

	Biodiversity & the Tree of Life		BIOL OF		Principles of Zoology	(5)
			BIOL	_	Introduction to Biology: Biodiversity, Evolution, and Ecology	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM	400	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM	400 <u>&</u>	General Chemistry	(5)
			!	401	General Chemistry	(5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM	423	Organic Chemistry - Short Survey	(5)
CHEM 8B	Organic Chem-Brief	(4)	 CHEM 	423	Organic Chemistry - Short Survey	(5)
MATH 16A	Short Calculus	(3)	MATH	400	Calculus I	(5)
MATH 16B	Short Calculus		MATH		Calculus II	(5)
PHYSICS 1A PHYSICS 1B	Principles Physics Principles Physics		PHYS PHYS		General Physics General Physics	(4) (4)

ONE COURSE FROM THE FOLLOWING (3-4 QUARTER UNITS):

W&F BIO 10	Wildl Ecol Conserve	(4)	!		ARTICULATED: College halcourse(s)for articulati	
W&F BIO 50	Calif Wild Vertebrates	(3)	NO CO	OURSE	ARTICULATED: College ha	s not
			submi	itted	course(s) for articulat	ion
W&F BIO 51	Intro to Conservation	(3)	BIOL	352	Conservation Biology	(3)
	Biology					
RECO	MMENDED COURSES FOR THE WI	LDLI	FE HEA	ALTH	AREA OF SPECIALIZATION:	
CHEM 2C	Genl Chemistry	(5)	CHEM	401	General Chemistry	(5)
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM	420	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM	420	& Organic Chemistry	(5)
			CHEM	421	Organic Chemistry	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM	421	Organic Chemistry	(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)

END OF MAJOR

g) Students at American River College may take either all of BIOL 400 AND 410 AND 420 OR they may take BIOL 415 to receive credit for BIOLSCI 2B and BIOLSCI 2C at UC Davis,

====Worksheet UGA (ENG)====

IMPORTANT ADVISORY REGARDING THIS WORKSHEET

This worksheet serves as an administrative tool and should not be used to determine specific major preparation for UC Davis College of Engineering majors.

View the "By Major" section of ASSIST to best assess the requirements for your major of interest.

This worksheet provides a listing of lower-division preparatory courses required for certain College of Engineering majors and may be helpful in correlation with review of the College of Engineering Transfer Credit Agreements (engineering grids) available at http://engineering.ucdavis.edu/transfer-credit-agreements/

MATH 21A	Calculus	(4)	MATH	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)
MATH 22B	Differntl Equations	(3)	MATH	420	Differential Equations	(4)
CHEM 2A	Genl Chemistry	(5)	CHEM	400	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM	400 <u>&</u> 401	General Chemistry General Chemistry	(5) (5)
CHEM 2C	Genl Chemistry	(5)	CHEM	401	General Chemistry	(5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM 	423	Organic Chemistry - Short Survey	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 	423	Organic Chemistry - Short Survey	(5)
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM	420	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM CHEM	420 <u>&</u> 421	Organic Chemistry Organic Chemistry	(5) (5)
CHEM 128A	Organic Chemistry	(3)	CHEM	420	Organic Chemistry	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM CHEM	420 <u>&</u> 421	Organic Chemistry Organic Chemistry	(5) (5)
CHEM 129A	Organic Chem Lab	(2)	CHEM	420	Organic Chemistry	(5)
PHYSICS 9A	Classical Physics		PHYS 	410	Mechanics of Solids and Fluids	(5)
	Classical Physics		PHYS 	431	Heat, Waves, Light and Modern Physics	(4)
PHYSICS 9C	Classical Physics		j	421	Electricity and Magnetism	
	Modern Physics					
BIMEDEN 20	Fundamentals of Bioengineering	(4)	NO CC			
	Graphics in Design		ENGR			
ENGIN 6	Engr Prob Solving	(4)	NO CO			
		(4)	ENGR 	401	Introduction to Electrical Circuits and Devices	
ENGIN 35				420	Statics	(3)

ENGIN 45	Prop of Mats	(4)	ENGR 	413	Properties of (A	1.5)
ENG CS 20	C Sci/Discrete Math	(4)	CISP 	440	Discrete Structures for Computer Science	(3)
	Programming ENG CS 30	(4)	CISP		Algorithm Design/Problem Solving	(3)
			<u>O</u>	360	Introduction to Structured Programming	(4)
			<u>01</u> CISP 		Honors Introduction to Structured Programming	(5)
	Object-Oriented Program ENG CS 40	(4)	į		Object Oriented Programming with C++	(4)
			<u>01</u> CISP 		Object Oriented Programming with Java	(4)
ENG CS 50	Machine Dependent Prog	(4)	CISP 	310	Assembly Language Programming for Microcomputers	(4)
	Data Structures ENG CS 60	(4)	CISP 		Data Structures	(4)
ENG BS 1	Biosys Engr Fndts	(4)	NO C			
ENG BS 75	Prop Mat in Bio Sys	(4)	NO C	OMPARAB		
ENG MEC 50	Mfg Processes	(4)	NO C	OMPARAB	LE COURSE	
ENG CHM 51	Material Balances	(4)	NO C	OMPARAB		
ENG CHM 60	Engineering Problem Solv	(4)	NO C	OURSE AI	RTICULATED	
ENG CHM 80	Chem Engr Profession			OMPARAB	LE COURSE	
	Prog & Microcontrollers	(4)		OURSE AI	RTICULATED	
	Expository Writing		:		College Composition	
				R 480	Honors College Composition	(3)
ENGLISH 3	Intro to Lit	(4)	ENGWI	R 301	College Composition and Literature	(3)
			ENGWI	<u>OR</u> R 303	Argumentative Writing and Critical Thinking Through Literature	(4)
				<u>OR</u> R 481	Honors College Composition and Literature	(3)
COMUNCN 1	Intro Public Spkg	(4)	SPEE		Public Speaking	(3)

			<u>OR</u> SPEECH 302	Persuasive Speech	(3)
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	SPEECH 321 	Interpersonal Communication	(3)
BIOLSCI 2A	Intro Biology:Life or Earth	n (5)	BIOL 400 	Principles of Biology	(5)
g) BIOLSCI	2B Intro Biology: Ecology & Evolution			Principles of Biology Principles of Botany Principles of Zoology Introduction to Biology: Biodiversity, Evolution, and Ecology	(5) (5) (5)
g) BIOLSCI	2C Intro Biology: Biodiversity & the Tree of Life		BIOL 410 & BIOL 420 OR BIOL 415	Principles of Botany Principles of Zoology Introduction to Biology: Biodiversity, Evolution, and Ecology	(5) (5) (5)
c) GEOLOGY m)	50 Physical Geology	(3)	GEOL 300 	Physical Geology	(3)
ATM SCI 60	Intro to Atmospheric Science	(4)	NO COMPARAB 	LE COURSE	

END OF MAJOR

- g) Students at American River College may take either all of BIOL 400 AND 410 AND 420 OR they may take BIOL 415 to receive credit for BIOLSCI 2B and BIOLSCI 2C at UC Davis,
- $_{
 m C})$ This course is not strictly comparable with UC Davis course but will fulfill the introductory physical geology requirement for the geology major at UC Davis.
- $\mbox{m})$ If a student takes GEOL 300 at American River College, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.