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:

To: UC Davis

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
AF-AMST 18	Intro Caribbean Studies		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:

Cultural Anthropology	(5)	ANTHR 1	Cultural Anthropology	(3)
Princ of Microecon	(4)	ECON 1B	Principles of	(3)
			Microeconomics	
Princ of Macroecon	(4)	ECON 1A	Principles of	(3)
			Macroeconomics	
Intro Sociology	(5)	SOCIO 1A	Introduction to	(3)
			Sociology	
Amer Natl Govt	(4)	POLSC 1	American Government and	(3)
			Institutions	
Intro Comp Politics	(4)	POLSC 2	Introduction to	(3)
			Comparative Politics	
General Psychology	(4)	PSYCH 1	Introduction to	(3)
			Psychology	
	Princ of Microecon Princ of Macroecon Intro Sociology Amer Natl Govt Intro Comp Politics	Princ of Microecon (4) Princ of Macroecon (4) Intro Sociology (5) Amer Natl Govt (4) Intro Comp Politics (4)	Princ of Microecon (4) ECON 1B Princ of Macroecon (4) ECON 1A Intro Sociology (5) SOCIO 1A Amer Natl Govt (4) POLSC 1 Intro Comp Politics (4) POLSC 2	Princ of Microecon (4) ECON 1B Principles of Microeconomics Princ of Macroecon (4) ECON 1A Principles of Macroeconomics Intro Sociology (5) SOCIO 1A Introduction to Sociology Amer Natl Govt (4) POLSC 1 American Government and Institutions Intro Comp Politics (4) POLSC 2 Introduction to Comparative Politics General Psychology (4) PSYCH 1 Introduction to

ONE COURSE FROM THE FOLLOWING:

CHICANO 10	Intro to Chic Std	(4) HIST 31 Mexican-American	(3)
		History	
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	s (4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
A A STD 1	Hist Exp Asian Am	(4)	HIST 34 Asian Pacific American (3) History
A A STD 2	Contemp Issues of Asian	n (4)	! -
WOM STD 50		(4)	SOCIO 27 Gender in Contemporary (3) Society
	TWO COURSES	FROM '	THE FOLLOWING:
III CTODY 1 E A	Africa to 1900	(4)	NO COURSE ARTICULATED
		. ,	NO COURSE ARTICULATED
	U.S. History		HIST 17A History of the United (3)
HISTORI I/A	o.s. miscory	(1)	States
HISTORY 17B	U.S. History	(4)	HIST 17B History of the United (3) States
	4 OIIARTER IINT	rs Fro	THE FOLLOWING:
	1 gomine on	ID INO	a in rollowing.
AF-AMST 16	African Verbal Arts	(4)	NO COMPARABLE COURSE
AF-AMST 51	History Af-Amr Dance	(4)	NO COMPARABLE COURSE
DRAMART 41A	Beg Jazz Dance	(2)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
DRAMART 41B	Inter Jazz Dance	(2)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
DRAMART 44A	Beg Hip Hop Dance	(2-4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
DRAMART 44B	Inter Hip Hop Dance	(2-4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
MUSIC 28	Introduction to African American Music	(4)	NO COMPARABLE COURSE

END OF MAJOR

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

______ (4) | HIST 17A History of the United (3) | States HISTORY 17A U.S. History OR POL SCI 1 Amer Natl Govt (4) POLSC 1 American Government and (3) Institutions

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

		Science
AN SCI 2 Intro Animal Sci	(4)	NO COMPARABLE COURSE
		AH SC 11A Introduction to (2) Livestock Evaluation
		<u>OR</u> AH SC 11B Beginning Livestock (2) Evaluation
		OR
		AH SC 11C Intermediate (2)
		Livestock Evaluation
		<u>OR</u> AH SC 11D Advanced Livestock (2) Evaluation
AN SCI 41 Domestic Ani Prod	(2)	NO COMPARABLE COURSE
ABIOSYT 16 Metal Prop & Fabr	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
ABIOSYT 49 Fld Equip Oper	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
ABIOSYT 52 Field Equip Welding	(2)	NO COURSE ARTICULATED: College has not
		submitted course(s)for articulation
AGRESEC 15 Pop.Envr.World Agri	(4)	NO COURSE ARTICULATED: College has not
nondede 19 Top/Env1/Not14 ng11	(- /	submitted course(s) for articulation
AND		AND
	(4)	ECON 1B Principles of (3) Microeconomics
OR ECON 1B Princ of Macroecon	(4)	OR ECON 1A Principles of (3)
	(-)	Macroeconomics
ENTRIODE 1 Transaction for the first	(2)	INO COMPARADI E COURCE
ENVHORT 1 Intro Envhort/Urb For ENVHORT 6 Intro Environ Plants		
	, ,	Usage - Fall
		<u>OR</u>
		HORT 3 Plant Materials and (3) Usage - Spring
PL SCI 5 Plants Gard, Orch & Land	(2)	
FORMERLY PLANT BIO 1		
	(3)	N R 2 Environmental Science (3)
Environment ENV S&P 10 not open for credit to	stud	ents who have completed ENV S&P 1
ENV TOX 10 Intro Environ		NO COMPARABLE COURSE
Toxicology	(2)	NO COUNCE ADDITION ADDITION ADDITIONS AND AD
Same as: SCI&SOC 10		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PL SCI 1 Agr Nature & Society	(3)	NO COMPARABLE COURSE
PL SCI 2 Bot Physio Cul Plt	(4)	PLANT 10 Principles of Plant (3) Science
PL SCI 15 Intro Sustainable Agriculture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PL SCI 49 Org Crop Prod Prac	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
VIT-ENO 2 Intro to Viticult	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
VIT-ENO 3 Intro Winemaking	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
		WITHOUTH GOURGE
BIOLSCI 2A Intro Biology:Life on		WING COURSES: BIOL 1 Core Biology (4)
Earth	(-)	(2)

BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1 & Core Biology (4) BIOL 2 & General Zoology (5) BIOL 3 General Botany (4)
	Genl Chemistry Genl Chemistry	٠,	CHEM 1A General Chemistry (5) CHEM 1A & General Chemistry (5) CHEM 1B General Chemistry (5)
t) GEOLOGY GEOLOGY 20 SOILSCI 10	1 The Earth California Geology Soils in Our Environment	(2)	GEOL 1A Physical Geology w/Lab (4) NO COMPARABLE COURSE PLANT 14 Soil Science (4)
MATH 16A	Short Calculus	(3)	MATH 13 Survey of Calculus (4)
			MATH 1 Calculus I (5)
MATH 16B	Short Calculus	(3)	MATH 2 Calculus II (4)
	OR		OR
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not
	OR		submitted course(s) for articulation OR
MATH 21A	Calculus	(1)	OK MATH 1 Calculus I (5)
MATH 21A	Calculus		MATH 2 Calculus II (4)
		(1)	(4)
PHYSICS 7A	General Physics	(4)	PHYSC 2A & General Physics (4)
	_		PHYSC 2B General Physics (4)
PHYSICS 7B	General Physics	(4)	PHYSC 2A & General Physics (4)
			PHYSC 2B 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

t) If a student takes GEOL 1A at San Joaquin Delta College, credit will be given for UC Davis's GEOLOGY 1 or 50+50L, 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.

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AMR STD 10 Intro American Studies (4) NO COURSE ARTICULATED: College has not

|submitted course(s) for articulation

ONE COURSE FROM THE FOLLOWING:

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

AF-AMST 10 Af-Am Culture & Soc (4) NO COMPARABLE COUR. A A STD 1 Hist Exp Asian Am (4) HIST 34 Asian Polymer CHICANO 10 Intro to Chic Std (4) HIST 31 Mexican	cific American (3)			
N A STD 1 Intro NA Studies (4) NO COMPARABLE COUR	E			
ONE COURSE FROM THE FOLLOWING:				
ANTHRO 2 Cultural Anthropology (5) ANTHR 1 Cultura SOCIOL 2 Self and Society (4) NO COMPARABLE COUR WOM STD 50 Intro Gender Studies (4) SOCIO 27 Gender Society	E in Contemporary (3)			
ONE COURSE FROM THE FOLLOWING:				
HISTORY 17A U.S. History (4) HIST 17A History States				
HISTORY 17B U.S. History (4) HIST 17B History States				
HISTORY 72A Am Women & Gender (4) NO COMPARABLE COUR. HISTORY 72B Am Women & Gender (4) HIST 27 Women is	History (3)			
ONE COURSE FROM THE FOLLOWING:				
ENGLISH 3 Intro to Lit (4) ENG 1B Written II: A Cr Introduc Literatu	ion to			
ENGLISH 10A Literatures in English (4) ENG 46A Survey I: To 1700 Literatures	f British (3) re I			
II: 1700-1900 Literat	f American (3) re			
<u>OR</u> ENG 46B Survey Literat	f British (3) re II			
ENGLISH 10C Literatures in English (4) ENG 42B Survey III: 1900 to Present Literatures				
FILM ST 1 Intro to Film Studies (4) NO COURSE ARTICULA submitted course(s				

Formerly Humanities 10

END OF MAJOR

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

Special Advising Note:

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

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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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BIOLSCI 2B	Earth Intro Biology: Ecology & Evolution	(5)	
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 2 & General Zoology (5) BIOL 3 General Botany (4)
			CHEM 1A General Chemistry (5) CHEM 1A & General Chemistry (5) CHEM 1B General Chemistry (5)
CHEM 2C G	enl Chemistry	(5)	CHEM 1B General Chemistry (5)
	rganic Chem-Brief rganic Chem-Brief OR	(2) (4)	NO COMPARABLE COURSE NO COMPARABLE COURSE OR
			CHEM 12A Organic Chemistry (5) CHEM 12A & Organic Chemistry (5) CHEM 12B Organic Chemistry (5)
MATH 16A	Short Calculus	(3)	MATH 13
MATH 16B	Short Calculus	(3)	MATH 2 Calculus II (4)
MATH 16C	Short Calculus OR		MATH 2 Calculus II (4) OR
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
			Bubiliteted Codific (B) For all circulation
	OR		OR
MATH 21A	Calculus		MATH 1 Calculus I (5)
MATH 21B	Calculus Calculus	(4)	MATH 1 Calculus I (5) MATH 2 Calculus II (4)
	Calculus Calculus	(4)	MATH 1 Calculus I (5)
MATH 21B MATH 21C	Calculus Calculus Calculus 	(4) (4)	MATH 1
MATH 21B MATH 21C PHYSICS 7A	Calculus Calculus Calculus 	(4) (4) (4)	MATH 1 Calculus I (5) MATH 2 Calculus II (4) MATH 3 Vector Calculus (4) PHYSC 2A & General Physics (4) PHYSC 2B General Physics (4)
MATH 21B MATH 21C PHYSICS 7A PHYSICS 7B	Calculus Calculus Calculus General Physics General Physics	(4) (4) (4) (4)	MATH 1 Calculus I (5) MATH 2 Calculus II (4) MATH 3 Vector Calculus (4) PHYSC 2A & General Physics (4) PHYSC 2B General Physics (4) PHYSC 2A & General Physics (4) PHYSC 2B General Physics (4) PHYSC 2B General Physics (4)
MATH 21B MATH 21C PHYSICS 7A PHYSICS 7B	Calculus Calculus Calculus General Physics	(4) (4) (4) (4)	MATH 1 Calculus I (5) MATH 2 Calculus II (4) MATH 3 Vector Calculus (4) PHYSC 2A & General Physics (4) PHYSC 2B General Physics (4) PHYSC 2A & General Physics (4)
MATH 21B MATH 21C PHYSICS 7A PHYSICS 7B PHYSICS 7C It is highly their commun series before series may be	Calculus Calculus Calculus General Physics General Physics General Physics recommended that students ity college that is equivate transferring. Students we required to take addition	(4) (4) (4) (4) (4) s conalenwho	MATH 1 Calculus I (5) MATH 2 Calculus II (4) MATH 3 Vector Calculus (4) PHYSC 2A & General Physics (4) PHYSC 2B General Physics (4) PHYSC 2A & General Physics (4) PHYSC 2B General Physics (4) PHYSC 2B General Physics (4)
MATH 21B MATH 21C	Calculus Calculus Calculus General Physics General Physics General Physics recommended that students ity college that is equivale transferring. Students we required to take additional college that a Universe transferring to take additional college that a Universe required to meet with a Universe	(4) (4) (4) (4) (4) s conalenwho conal C Da	MATH 1
MATH 21B MATH 21C	Calculus Calculus Calculus Calculus General Physics General Physics recommended that students ity college that is equivale transferring. Students we required to take additionally need to meet with a Universe transferring to the college that is equivalent to take additionally need to meet with a Universe transferring to take additionally need to meet with a Universe transferring to take additionally need to meet with a Universe transferring tra	(4) (4) (4) (4) (4) s conalenwho conal C Da	MATH 1
MATH 21B MATH 21C	Calculus Calculus Calculus General Physics General Physics General Physics recommended that students ity college that is equivale transferring. Students we required to take additionally indeed to meet with a Ucenter of the college	(4) (4) (4) (4) (4) s consalent who conal C Date (4)	MATH 1
MATH 21B MATH 21C	Calculus Calculus Calculus General Physics General Physics General Physics recommended that students ity college that is equivale transferring. Students we required to take additionally indeed to meet with a Uce	(4) (4) (4) (4) (4) s conalen who conal C Da (4)	MATH 1 Calculus I (5) MATH 2 Calculus II (4) MATH 3 Vector Calculus (4) PHYSC 2A & General Physics (4) PHYSC 2B General Physics (4) mplete an entire physics series at 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 MATH 12 Introduction to (4) Probability and Statistics OR PSYCH 2 Statistical Methods for (3) Psychology and Social Science Science Science MATH 12 Science Science MATH 13 Science MATH 14 Science MATH 15 Science MATH 16 Science MATH 17 Science MATH 18 Science MATH 19 MATH 19 Science MATH 19

END OF MAJOR

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

Special Advising Note:

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

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

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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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AN SCI 1	Domest Ani & People	(4)	AH SC 10 Principles of Animal (3)
AN SCI 2	Intro Animal Sci	(4)	NO COMPARABLE COURSE	
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1 Core Biology (4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 2 & General Zoology (4) 5) 4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life		BIOL 2 & General Zoology (5)
	Genl Chemistry Genl Chemistry		CHEM 1A & General Chemistry (5) 5) 5)
	Organic Chem-Brief Organic Chem-Brief		NO COMPARABLE COURSE	
PL SCI 21	Computers in Technology OR	(3)	NO COMPARABLE COURSE OR	
B) ENG CS	15 Intro to Computers	(4)		3)
ECON 1A	Princ of Microecon	(4)	ECON 1B Principles of (Microeconomics	3)
ECON 1B	Princ of Macroecon	(4)	1	3)
MGMT 11A MGMT 11B	Elem Accounting Elem Accounting		BUS 1A Principles of Accounting (BUS 1B Principles of Accounting (
MATH 16A	Short Calculus	(3)	MATH 13 Survey of Calculus (4)

	OR					
		MATH 1 Calculus I (5)				
MATH 16B MATH 16C						
MATH 16C	OR	(3) MATH 2 Calculus II (4) OR				
MATH 17A	Calculus for BioSci					
		submitted course(s) for articulation				
MATH 17B	Calculus for Biosci	(4) NO COURSE ARTICULATED: College has not				
MARII 170	Calculus for BioSci	submitted course(s) for articulation (4) NO COURSE ARTICULATED: College has not				
MATH 17C	Calculus for Bloser	submitted course(s) for articulation				
	OR	OR				
MATH 21A		(4) MATH 1 Calculus I (5)				
MATH 21B		(4) MATH 2 Calculus II (4)				
MATH 21C	Calculus	(4) MATH 3 Vector Calculus (4)				
	AREAS OF	SPECIALIZATION:				
	AQUATIC A	ANIMALS SPECIALIZATION				
AN SCI 18	Intro Aquaculture	(4) NO COMPARABLE COURSE				
	COMPANION	ANIMALS SPECIALIZATION				
AN SCI 42	Intro Comp Ani Bio	(4) NO COMPARABLE COURSE				
	DAIRY SI	PECIALIZATION				
AN SCT 41	Domestic Ani Prod	(2) NO COMPARABLE COURSE				
		(2) NO COURSE ARTICULATED: College has not				
		submitted course(s)for articulation				
	EQUINE S	SPECIALIZATION				
AN SCI 15	Intro Horse Husb	(3) NO COMPARABLE COURSE				
	LIVESTOCE	K SPECIALIZATION				
AN SCT 41	Domestic Ani Prod	(2) NO COMPARABLE COURSE				
		(2) NO COURSE ARTICULATED: College has not				
		submitted course(s)for articulation				
	POULTRY SPECIALIZATION					
AV SCI 11	Intro Poultry Sci	(3) NO COMPARABLE COURSE				
		ECTIVES (12 QUARTER UNITS):				
ACDECEC 10						
		(4) BUS 18A Business Law (3)				
END OF MAJO	DR.					

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.====

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AN SCI 2	Intro Animal Sci	(4)	NO COMPARABLE COURSE	
AN SCI 41	Domestic Ani Prod			
	Domest An Prod Lab		NO COURSE ARTICULATED: College has i	not
			submitted course(s)for articulation	
			· 	
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1 Core Biology	(4)
BIOLSCI 2B	Intro Biology: Ecology	(5)	BIOL 1 & Core Biology	(4)
	& Evolution	(-)	:	(5)
			<u> </u>	(4)
BIOLSCI 2C	Intro Biology:	(5)		(5)
	Biodiversity & the Tree	(-)	BIOL 3 General Botany	(4)
	of Life		·	
CHEM 27	Genl Chemistry	/ E \	CHEM 1A General Chemistry	(5)
				(5)
CHEM ZD	Geni Chemistry	(5)	: ————————————————————————————————————	(5)
			CHEM IB General Chemistry	(3)
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE	
CHEM 8A CHEM 8B	Organic Chem-Brief Organic Chem-Brief		I .	
	-	(4)	NO COMPARABLE COURSE OR	
CHEM 8B CHEM 118A	Organic Chem-Brief OR Org Chem, Hlth & Sci	(4)	NO COMPARABLE COURSE OR	(5)
CHEM 8B CHEM 118A	Organic Chem-Brief OR	(4)	NO COMPARABLE COURSE OR	(5)
CHEM 8B CHEM 118A	Organic Chem-Brief OR Org Chem, Hlth & Sci	(4)	NO COMPARABLE COURSE OR CHEM 12A Organic Chemistry CHEM 12A & Organic Chemistry	
CHEM 8B CHEM 118A	Organic Chem-Brief OR Org Chem, Hlth & Sci Org Chem, Hlth & Sci	(4) (4) (4)	NO COMPARABLE COURSE OR CHEM 12A Organic Chemistry CHEM 12A & Organic Chemistry CHEM 12B Organic Chemistry	(5) (5)
CHEM 8B CHEM 118A CHEM 118B	Organic Chem-Brief OR Org Chem, Hlth & Sci	(4) (4) (4)	NO COMPARABLE COURSE OR CHEM 12A Organic Chemistry CHEM 12A Organic Chemistry CHEM 12B Organic Chemistry	(5)
CHEM 8B CHEM 118A CHEM 118B	Organic Chem-Brief OR Org Chem, Hlth & Sci Org Chem, Hlth & Sci	(4) (4) (4)	NO COMPARABLE COURSE OR CHEM 12A Organic Chemistry CHEM 12A Organic Chemistry CHEM 12B Organic Chemistry MATH 13 Survey of Calculus OR	(5) (5)
CHEM 8B CHEM 118A CHEM 118B	Organic Chem-Brief OR Org Chem, Hlth & Sci Org Chem, Hlth & Sci	(4) (4) (4) 	NO COMPARABLE COURSE OR CHEM 12A Organic Chemistry CHEM 12A Organic Chemistry CHEM 12B Organic Chemistry MATH 13 Survey of Calculus OR MATH 1 Calculus I	(5) (5) (4)
CHEM 8B CHEM 118A CHEM 118B MATH 16A	Organic Chem-Brief OR Org Chem, Hlth & Sci Org Chem, Hlth & Sci Short Calculus	(4) (4) (4) 	NO COMPARABLE COURSE OR CHEM 12A Organic Chemistry CHEM 12A Organic Chemistry CHEM 12B Organic Chemistry MATH 13 Survey of Calculus OR MATH 1 Calculus I	(5) (5) (4)
CHEM 8B CHEM 118A CHEM 118B MATH 16A	Organic Chem-Brief OR Org Chem, Hlth & Sci Org Chem, Hlth & Sci Short Calculus	(4) (4) (4) (3)	NO COMPARABLE COURSE OR CHEM 12A Organic Chemistry CHEM 12B Organic Chemistry CHEM 12B Organic Chemistry MATH 13 Survey of Calculus OR MATH 1 Calculus I MATH 2 Calculus II	(5) (5) (4) (5) (4)
CHEM 8B CHEM 118A CHEM 118B MATH 16A MATH 16B	Organic Chem-Brief OR Org Chem, Hlth & Sci Org Chem, Hlth & Sci Short Calculus Short Calculus OR Calculus for BioSci	(4) (4) (4) (3) (3)	NO COMPARABLE COURSE OR CHEM 12A Organic Chemistry CHEM 12B Organic Chemistry CHEM 12B Organic Chemistry MATH 13 Survey of Calculus OR MATH 1 Calculus I MATH 2 Calculus II OR NO COURSE ARTICULATED: College has a submitted course(s) for articulation	(5) (5) (4) (5) (4)
CHEM 8B CHEM 118A CHEM 118B MATH 16A MATH 16B	Organic Chem-Brief OR Org Chem, Hlth & Sci Org Chem, Hlth & Sci Short Calculus OR	(4) (4) (4) (3) (3)	NO COMPARABLE COURSE OR CHEM 12A Organic Chemistry CHEM 12B Organic Chemistry CHEM 12B Organic Chemistry CHEM 12B Organic Chemistry MATH 13 Survey of Calculus OR MATH 1 Calculus I MATH 2 Calculus II OR NO COURSE ARTICULATED: College has a submitted course(s) for articulation NO COURSE ARTICULATED: College has a submitted course(s)	(5) (5) (4) (5) (4) not not
CHEM 8B CHEM 118A CHEM 118B MATH 16A MATH 16B MATH 17A	Organic Chem-Brief OR Org Chem, Hlth & Sci Org Chem, Hlth & Sci Short Calculus Short Calculus OR Calculus for BioSci Calculus for Biosci	(4) (4) (4) (3) (3)	NO COMPARABLE COURSE OR CHEM 12A Organic Chemistry CHEM 12B Organic Chemistry CHEM 12B Organic Chemistry MATH 13 Survey of Calculus OR MATH 1 Calculus I MATH 2 Calculus II OR NO COURSE ARTICULATED: College has a submitted course(s) for articulation in COURSE ARTICULATED: College has a submitted course(s) for articulation in Submitted course(s) for articulation is submitted course(s) for articulation in Submitted course(s) for articulation is submitted course(s) for articulation in Course (s) for articulation is submitted course(s) for articulation in Course (s) for articulation is submitted course(s) for articulation in Course (s) for articulation is submitted course(s) for articulation in Course (s) for articulation in Cour	(5) (5) (4) (5) (4) not not
CHEM 8B CHEM 118A CHEM 118B MATH 16A MATH 16B MATH 17A MATH 17B	Organic Chem-Brief OR Org Chem, Hlth & Sci Org Chem, Hlth & Sci Short Calculus Short Calculus OR Calculus for BioSci Calculus for Biosci OR	(4) (4) (4) (3) (3) (4) (4)	NO COMPARABLE COURSE OR CHEM 12A Organic Chemistry CHEM 12B Organic Chemistry CHEM 12B Organic Chemistry MATH 13 Survey of Calculus OR MATH 1 Calculus I MATH 2 Calculus II OR NO COURSE ARTICULATED: College has a submitted course(s) for articulation NO COURSE ARTICULATED: College has a submitted course(s) for articulation OR	(5) (5) (4) (5) (4) not not n
CHEM 8B CHEM 118A CHEM 118B MATH 16A MATH 16B MATH 17A MATH 17B MATH 21A	Organic Chem-Brief OR Org Chem, Hlth & Sci Org Chem, Hlth & Sci Short Calculus Short Calculus OR Calculus for BioSci Calculus for Biosci OR Calculus	(4) (4) (4) (3) (3) (4) (4)	NO COMPARABLE COURSE OR CHEM 12A Organic Chemistry CHEM 12B Organic Chemistry CHEM 12B Organic Chemistry CHEM 12B Organic Chemistry MATH 13 Survey of Calculus OR MATH 1 Calculus I MATH 2 Calculus II OR NO COURSE ARTICULATED: College has a submitted course(s) for articulation NO COURSE ARTICULATED: College has a submitted course(s) for articulation OR Submitted Course(s) for articulation OR MATH 1 Calculus I	(5) (5) (4) (5) (4) not not not n
CHEM 8B CHEM 118A CHEM 118B MATH 16A MATH 16B MATH 17A MATH 17B	Organic Chem-Brief OR Org Chem, Hlth & Sci Org Chem, Hlth & Sci Short Calculus Short Calculus OR Calculus for BioSci Calculus for Biosci OR	(4) (4) (4) (3) (3) (4) (4)	NO COMPARABLE COURSE OR CHEM 12A Organic Chemistry CHEM 12B Organic Chemistry CHEM 12B Organic Chemistry MATH 13 Survey of Calculus OR MATH 1 Calculus I MATH 2 Calculus II OR NO COURSE ARTICULATED: College has a submitted course(s) for articulation NO COURSE ARTICULATED: College has a submitted course(s) for articulation OR MATH 1 Calculus I OR MATH 1 Calculus I	(5) (5) (4) (5) (4) not not n

AREAS OF SPECIALIZATION:

AQUATIC ANIMALS

AN SCI 18	Intro Aquaculture	(4) NO COMPARABLE COURSE

AVIAN SCIENCES

END OF MAJO	JK				
AV SCI 11	Intro Poultry Sci	(3) NO COMPARABLE	COURSE		
POULTRY					
AN SCI 42	Intro Comp Ani Bio	(4) NO COMPARABLE	COURSE		
	LABORATO	RY ANIMALS			
	Intro Horse Husb		COURSE		
	EQUINE	SCIENCE			
AN SCI 42	Intro Comp Ani Bio	(4) NO COMPARABLE	COURSE		
COMPANION AND CAPTIVE ANIMALS					
AV SCI 13	Birds,Humans & Env	(3) NO COMPARABLE	COURSE		

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

Special Advising Note:

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Education(GE) Note:

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College Foreign Language Requirement Note:

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

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available f	available from our TAG website.				
	EVOLUTION	IARY	EMPHASIS:		
ANTHRO 1	Human Evol Biol	(4)	ANTHR 2	Biological Anthropology	(3)
ANTHRO 2	Cultural Anthropology	(5)	ANTHR 1	Cultural Anthropology	
ANTHRO 3	Intr to Archaeology	(4)	ANTHR 10		(3)
				Archaeology	
ONE COURSE FROM THE FOLLOWING:					
ANTHRO 15	Human Life Cycle	(5)	FCS 19	Human Development	(3)
			Same as		
ANTHRO 23	Intr World Prehist				
ANTHRO 24	Ancient Crops and People	(4)		ARTICULATED: College has	
ANTHRO 50	Evolution and Human	(1)		course(s) for articulation ARTICULATED: College has	
ANTIRO 50	Nature	(4)		course(s) for articulation	
ANTHRO 54		(4)		ARTICULATED: College has	
		(- /		course(s) for articulation	
	ONE COURSE FRO		 UE EOLIOWI		
	ONE COURSE FRO	JM 1.	HE FOLLOWI	NG:	
ANTHRO 13	Sci Method in Physical	(4)	NO COURSE	ARTICULATED: College has	not
	Anthropology		1	course(s) for articulation	on
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARA	ABLE COURSE	
	Elementary Statistics	(4)	MATH 12		(4)
Same as:	STATIST 13Y			Probability and Statistics	
			OR	Statistics	
			PSYCH 2	Statistical Methods for	(3)
				Psychology and Social	(3)
				Science	
STATIST 32	Gateway to Data Science	(4)	NO COMPARA	ABLE COURSE	
			AL EMPHASI		
ANTHRO 2	Cultural Anthropology		•	Cultural Anthropology	
	TWO COURSES FI				
ANTHRO 1	Human Evol Biol	(4)	ANTHR 2	Biological Anthropology	(3)
ANTHRO 3	Intr to Archaeology		ANTHR 10	Introduction to	
	51	. ,		Archaeology	, ,
ANTHRO 4	Anthro Linguistics	(4)	ANTHR 4	Introduction to	(3)
			ļ	Linguistics	
			Same as	s:	
			OR		
			HUM 4	Introduction to	(3)
			 Same as	Linguistics	
			l Dame a		

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 COMPARA	ABLE COURSE	
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	r articulation
Same as:	SCI&TEC 32				
ANTHRO 34	Cultures of Consumerism	(4)	NO COURSE	ARTICULATED:	College has not
			submitted	course(s) for	r articulation

END OF MAJOR

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

			ANTHR 1 Cultural Anthropology (3) ANTHR 10 Introduction to (3) Archaeology			
BIOLSCI 2A	31	(5)	BIOL 1 Core Biology (4)			
BIOLSCI 2B	Earth Intro Biology: Ecology & Evolution					
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life		BIOL 2 & General Zoology (5) BIOL 3 General Botany (4)			
			CHEM 1A General Chemistry (5) CHEM 1A & General Chemistry (5) CHEM 1B General Chemistry (5)			
	Organic Chem-Brief Organic Chem-Brief OR		NO COMPARABLE COURSE NO COMPARABLE COURSE OR			
	Org Chem, Hlth & Sci		CHEM 12A Organic Chemistry (5) CHEM 12A & Organic Chemistry (5) CHEM 12B Organic Chemistry (5)			
MATH 16A	Short Calculus	(3)	MATH 13 Survey of Calculus (4)			
			MATH 1 Calculus I (5)			
MATH 16B	Short Calculus		MATH 2 Calculus II (4)			
MATH 16C	Short Calculus OR	(3)	MATH 2 Calculus II (4) OR			
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation			
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation			
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation			
MATH 21A	OR Calculus	(1)	OR MATH 1 Calculus I (5)			
MATH 21A MATH 21B	Calculus		MATH 1 Calculus I (5) MATH 2 Calculus II (4)			
MATH 21C	Calculus		MATH 3 Vector Calculus (4)			
	ONE COURSE FROM THE FOLLOWING:					
ANTHRO 13	Sci Method in Physical Anthropology	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation			
	Intro Social Rsch		NO COMPARABLE COURSE			
	Elementary Statistics STATIST 13Y	(4)	Probability and Statistics			
			OR PSYCH 2 Statistical Methods for (3) Psychology and Social Science			
STATIST 32	Gateway to Data Science	(4)	I			

END OF MAJOR

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

Special Advising Note:

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

Recommended Language Preparation Note:

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

<u>Catalog</u> for additional information about the Foreign Language and Area

Requirements, College of Letters and Science.

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

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

MATH 21A Calculus (4) MATH 1 Calculus I (5)
MATH 21B Calculus (4) MATH 2 Calculus II (4)
MATH 21C Calculus (4) MATH 3 Vector Calculus (4)
MATH 21D Vector Analysis (4) MATH 3 Vector Calculus (4)
MATH 22B Differntl Equations (3) MATH 4 Differential Equations (4)
MATH 22AL Lin Alg Comp Lab (1) NO COURSE ARTICULATED: College has not submitted course(s) for articulation

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

MATH 22A	Linear Algebra	(3) MATH 5 Linear Algebra (3)
	AND	AND
MATH 108	Intro Abstract Math	(4) This course must be taken at UC Davis

OR SELECT THE FOLLOWING COURSE:

MATH 67	Modern Linear Algebra	(4)	NO COURSE	ARTICULATED:	College has not
			submitted	course(s) for	r articulation

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

ENG CS 32A Intro to Programming(4) NO COMPARABLE COURSE Formerly ENG CS 10 |
ENGIN 6 Engr Prob Solving (4) NO COMPARABLE COURSE

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

STUDENTS WILL NEED TO CHOOSE ON	E OF	THE FOLLOWING TWO-COURSE SEQUENCES:	
BIOLSCI 2A Intro Biology:Life on	(5)	BIOL 1 Core Biology	(4)
Earth			
BIOLSCI 2B Intro Biology: Ecology	(5)	BIOL 1 & Core Biology	(4)
& Evolution		BIOL 2 & General Zoology	(5)
		BIOL 3 General Botany	(4)
OR		OR	
CHEM 2A Genl Chemistry	(5)	CHEM 1A General Chemistry	(5)
CHEM 2B Genl Chemistry	(5)	!	(5)
		<u>-</u>	(5)
OR		OR	
ECON 1A Princ of Microecon	(4)	I ±	(3)
		Microeconomics	
ECON 1B Princ of Macroecon	(4)	-	(3)
		Macroeconomics	
OR		OR	
PHYSICS 9A Classical Physics	(5)	PHYSC 4A Principles of Physics:	(4)
		Mechanics	
PHYSICS 9B Classical Physics	(5)	PHYSC 4B Principles of Physics:	(4)
		Waves, Sound, and	
		Thermodynamics	
OR		OR	
STATIST 32 Gateway to Data Science		NO COMPARABLE COURSE	
	(4)	This course must be taken at UC Dav	is
Sci			

OR

OTHER APPROVED APPLIED PREPARATORY COURSES

END OF MAJOR

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

Special Advising Note:

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

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

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

Special Advising Note for future applicants:*

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

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

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

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

*Information for future applicants is subject to change

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

PHYSICS 9A	Classical Physics	(5) PHYSC 4A	Principles of Physics: (4)
			Mechanics
PHYSICS 9B	Classical Physics	(5) PHYSC 4B	Principles of Physics: (4)
			Waves, Sound, and
			Thermodynamics
PHYSICS 9C	Classical Physics	(5) PHYSC 4C	Principles of Physics: (4)

				 	Electricity and Magnetism	
PHYSICS 9D	Modern Phys	sics	(4)	NO COMPARA	ABLE COURSE OR	
PHYSICS 9HA		ysics	(5)		ARTICULATED: College has course(s) for articulati	
PHYSICS 9HB	Honors Phy	ysics	(5)	NO COURSE	ARTICULATED: College has course(s) for articulatio	not
PHYSICS 9HC	Honors Phy	ysics	(5)	NO COURSE	ARTICULATED: College has course(s) for articulati	not
PHYSICS 9HD	Honors Phy	ysics	(5)	NO COURSE	ARTICULATED: College has course(s) for articulati	not
PHYSICS 9HE	Honors Phy	ysics	(5)	NO COURSE	ARTICULATED: College has course(s) for articulati	not
MATH 21A	Calculus		(4)	MATH 1	Calculus I	(5)
MATH 21B	Calculus		(4)	MATH 2	Calculus II	(4)
MATH 21C	Calculus		(4)	MATH 3	Vector Calculus	(4)
MATH 21D	Vector Analys	sis	(4)	MATH 3	Vector Calculus	(4)
MATH 22A	Linear Algebi	ra	(3)	MATH 5	Linear Algebra	(3)
					Differential Equations	
DIMATA 40		IMOSPHERIC PHY				
PHYSICS 40	Intr Physics	Computation	(4)	NO COURSE	ARTICULATED	
		CHEMICAL PHY				
CHEM 2A	Genl Chemistry	Y	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	У	(5)	CHEM 1A &	General Chemistry	(5)
	•	•			General Chemistry	(5)
CHEM 2C (Genl Chemistry	V	(5)		General Chemistry	
		Computation				(5)
		COMPUTATIONAL				
	Programming ENG CS 30		(4)	CSP 26A <u>OR</u>	JAVA Programming C++ Programming I	(3)
	Object-Orient	ted Program	(4)		C++ Programming II	(3)
_			_	•		
		_	_	_	er science courses unity college students,	
					any topic or language	
deficie	ncies.					
				NCENTRATION	_	
PHYSICS 40	Intr Physics	Computation	(4)	NO COURSE	ARTICULATED	
		MATERIALS SO	EN	CE CONCENT	RATION	
		Computation		•	ARTICULATED	
		PHYSICAL ELEC				
ENGIN 17	Circuits I				Engineering Circuit	(4)
				j	Analysis	•
		Computation				
PHYSICS 80	Experimental	Techniques (4)	NO COURSE	ARTICULATED	
	PI	HYSICAL OCEANO	GRA:	PHY CONCENT	TRATION	
PHYSICS 40		Computation				

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

		FOUR COURSES FF	OM '	THE FOLLOWI	ING:
ARTHI	1A	Ancient Mediterranean Art	(4)	ART 1A	Art History: Europe from (3)
					Prehistory to 1400
ARTHI	1B	Mediev&Renaiss Art	(4)	NO COMPARA	ABLE COURSE
ARTHI	1C	Baroque to Modern Art	(4)	ART 1B	<pre>Art History: Europe from (3)</pre>
					the Fifteenth to the
					Twentieth Century
ARTHI	1D	Arts of Asia	(4)	NO COMPARA	ABLE COURSE
ARTHI	1E	Islamic Art &	(4)	1	ARTICULATED: College has not
		Architecture		submitted	course(s) for articulation
ARTHI	5	Visual Culture	(4)	NO COURSE	ARTICULATED: College has not
				submitted	course(s) for articulation

ONE ART STUDIO COURSE FROM:

ART	2	Beginning Drawing	(4)	ART 33A	Beginning Drawing	(3)
				OR		
				ART 33B	Intermediate Drawing	(3)
ART	5	Beginning Sculpture	(4)	ART 20A &	Sculpture I	(3)
				ART 20B	Sculpture II	(3)
ART	7	Beginning Painting	(4)	NO COMPARA	BLE COURSE	
ART	8	Beginning Ceramic Sculpture	(4)	NO COMPARA	BLE COURSE	
ART	9	Beginning Photography	(4)	NO COMPARA	BLE COURSE	
ART	11	Beginning Printmaking	(4)	ART 40A	Printmaking I	(3)
ART	12	Beginning Video	(4)	NO COURSE	ARTICULATED: College has	not
				submitted	course(s) for articulati	on
ART	24	Intro Experimental Video	(4)	NO COURSE	ARTICULATED: College has	not
		and Film		submitted	course(s) for articulati	on
				•		

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

FOUR COURSES FROM THE FOLLOWING:					
ART 2	Beginning Drawing	(4)	ART 33A Beginning Drawing (3)		
			OR OR		
			ART 33B		
ART 5	Beginning Sculpture	(4)	ART 20A $\underline{\&}$ Sculpture I (3)		
			ART 20B Sculpture II (3)		
ART 7	Beginning Painting		NO COMPARABLE COURSE		
ART 8	Beginning Ceramic Sculpture	, ,	NO COMPARABLE COURSE		
ART 9	Beginning Photography	. ,	NO COMPARABLE COURSE		
ART 11	Beginning Printmaking		ART 40A Printmaking I (3)		
ART 12	Beginning Video	(4)	NO COURSE ARTICULATED: College has not		
			submitted course(s) for articulation		
	TWO LECTURE COURSES CHO				
ART 24	Intro Experimental Video	(4)	NO COURSE ARTICULATED: College has not		
	and Film		submitted course(s) for articulation		
ART 30	Contemp Vis Culture	(4)	NO COURSE ARTICULATED: College has not		
			submitted course(s) for articulation		
ARTHI 1A	Ancient Mediterranean Art	(4)	į		
			Prehistory to 1400		
ARTHI 1B	Mediev&Renaiss Art	, ,	NO COMPARABLE COURSE		
ARTHI 1C	Baroque to Modern Art	(4)	ART 1B Art History: Europe from (3)		
			the Fifteenth to the		
			Twentieth Century		
ARTHI 1D	Arts of Asia	(4)	NO COMPARABLE COURSE		
ARTHI 1E	Islamic Art &	(4)	NO COURSE ARTICULATED: College has not		
	Architecture		submitted course(s) for articulation		
ARTHI 5	Visual Culture	(4)	NO COURSE ARTICULATED: College has not		
			submitted course(s) for articulation		
ARTHI 25	Understanding	(4)	NO COMPARABLE COURSE		
	Architecture				
END OF M	A TOD				

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

Education(GE) Note:

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

A	A	STD	1	Hist Exp Asian Am	(4)	HIST 34 	Asian Pacific American (3) History
Α	Α	STD	2	Contemp Issues of Asian	(4)	NO COMPARA	ABLE COURSE
				Americans		j	
Α	Α	STD	3	Social & Psychological	(4)	NO COURSE	ARTICULATED: College has not
				Perspectives of Asian		submitted	course(s) for articulation
				Americans		j	
Α	Α	STD	4	Asian Amer Cultural	(4)	NO COURSE	ARTICULATED: College has not
				Studies		submitted	course(s) for articulation
						'	

AT LEAST TWO COURSES FROM THE FOLLOWING:

AF-AMST	10	Af-Am Culture & Soc	(4)	NO COMPARABLE COURSE
AF-AMST	12	Intro Afro Studies	(4)	NO COMPARABLE COURSE
AF-AMST	15	Intro Afro Amer Hum	(4)	NO COMPARABLE COURSE
AF-AMST	16	African Verbal Arts	(4)	NO COMPARABLE COURSE
AF-AMST	17	Women in Africa	(4)	NO COMPARABLE COURSE
AF-AMST	18	Intro Caribbean Studies	(4)	NO COURSE ARTICULATED: College has not
				submitted course(s) for articulation
AF-AMST	50	Blk Images Pop Cult	(4)	NO COMPARABLE COURSE
AF-AMST	51	History Af-Amr Dance	(4)	NO COMPARABLE COURSE
AF-AMST	52	Afr Tradit Relig	(4)	NO COMPARABLE COURSE
AF-AMST	80	Black Politics	(4)	NO COMPARABLE COURSE
AMR STD	1A	Science and American	(4)	NO COMPARABLE COURSE
		Culture		
AMR STD	1B	Relig in Am Lives	(4)	NO COMPARABLE COURSE
AMR STD	1C	American Lives	(4)	NO COMPARABLE COURSE
AMR STD	1E	Nat&Cult Amr	(4)	NO COMPARABLE COURSE
AMR STD	5	Tech in Amr Lives	(4)	NO COMPARABLE COURSE
AMR STD	10	Intro American Studies	(4)	NO COURSE ARTICULATED: College has not
				submitted course(s) for articulation
AMR STD	21	Objects & Everyday Life	(4)	NO COURSE ARTICULATED: College has not
				submitted course(s) for articulation
AMR STD	25	U.S. as Business	(4)	NO COURSE ARTICULATED: College has not
		Culture		submitted course(s) for articulation
				•

AMR STD 3	3 1	. ,	NO COMPARABLE COURSE
AMR STD 5		(4)	NO COURSE ARTICULATED: College has not
	s: FD S&T 55		submitted course(s) for articulation
AMR STD 5		(4)	NO COURSE ARTICULATED: College has not
	Culture		submitted courses for articulation
CHICANO 1	O Intro to Chic Std	(4)	HIST 31 Mexican-American (3)
			History
CHICANO 2		(4)	NO COMPARABLE COURSE
CHICANO 3	O US Poli & Chicanos	(4)	NO COMPARABLE COURSE
CHICANO 4	O Comparative Health	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
CHICANO 5		(4)	NO COMPARABLE COURSE
CHICANO 6		(4)	NO COMPARABLE COURSE
	Representn in Cinema		
CHICANO 6	5 New Latin American	(4)	NO COURSE ARTICULATED: College has not
	Cinema		submitted course(s) for articulation
CHICANO 7	2	(4)	NO COMPARABLE COURSE
CHICANO 7	3 Art Expr Silk Scr	(4)	NO COMPARABLE COURSE
N A STD 1	Intro NA Studies	(4)	NO COMPARABLE COURSE
N A STD 5	Intro NA Literature	(4)	NO COMPARABLE COURSE
N A STD 7	Indig & Minority Langs	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s)for articulation
N A STD 1		(4)	NO COMPARABLE COURSE
N A STD 1	2 Native Amer/Indigenous	(4)	NO COURSE ARTICULATED: College has not
	Film		submitted course(s)for articulation
N A STD 3	2 NA Music & Dance	(4)	NO COMPARABLE COURSE
N A STD 3	3 Intro NA Art	(4)	NO COMPARABLE COURSE
N A STD 3	4 NA Art Workshop		NO COMPARABLE COURSE
WOM STD 2	O Cult Repr of Gndr	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
WOM STD 2	5 Gender & Global Cinema	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
WOM STD 5	O Intro Gender Studies	(4)	SOCIO 27 Gender in Contemporary (3)
			Society
WOM STD 6	O Feminist Critiques	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
WOM STD 7	O Sexual:Thry&Hist	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
A	T LEAST 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	Visual Culture	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
ART 10 F	ine Art Appreciation	(4)	NO COMPARABLE COURSE
ART 30	Contemp Vis Culture	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
CHICANO 2	3 Qualitative Research	(4)	NO COURSE ARTICULATED: College has not
	Methods		submitted course(s) for articulation
ENGLISH 4	2 Approaches to Reading	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
c) PHILOS	5 Critical Reasoning	(4)	PHILO 30 Introductory Logic (3)
N A STD 4	6 Orientation to Research	(4)	NO COMPARABLE COURSE
	in NAS		
POL SCI 5	1 Scientific Study of	(4)	NO COURSE ARTICULATED: College has not
	Politics		submitted course(s) for articulation
PSYCH 41	Research Methods	(4)	PSYCH 4 Introduction to (3)
			Research Methods in
			Psychology
SOCIOL 46	A Intro Social Rsch		NO COMPARABLE COURSE
SOCIOL 46		(5)	NO COMPARABLE COURSE
STATIST 1		(4)	MATH 12 Introduction to (4)
Same a	s: STATIST 13Y		Probability and
			Statistics

Statistical Methods for (3) Psychology and Social Science

END OF MAJOR

c) Students who complete PHILO 30 at San Joaquin Delta College will receive credit at UC Davis for PHILOS 5 or 12, not both

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

Special Advising Note:

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

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

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

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

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

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

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

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

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

PL SCI 2	Bot Physio Cul Plt	(4) PLANT 10 	Principles of Plant Science	(3)
CHEM 2A CHEM 2B	Genl Chemistry Genl Chemistry	(5) CHEM 1A (5) CHEM 1A & CHEM 1B	General Chemistry General Chemistry General Chemistry	(5) (5) (5)
	Programming y ENG CS 30	(4) CSP 26A <u>OR</u>	JAVA Programming	(3)
		CSP 31A	C++ Programming I	(3)

or a course selected with advisor's approval

MATH 21A	Calculus	(4)	MATH 1	L	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 2	2	Calculus II	(4)
MATH 21C	Calculus	(4)	MATH 3	3	Vector Calculus	(4)
MATH 21D	Vector Analysis	(4)	іматн з	3	Vector Calculus	(4)
MATH 22A	Linear Algebra	(3)	MATH 5	5	Linear Algebra	(3)
MATH 22B	Differntl Equations	, ,	MATH 4		Differential Equations	(4)
ATM SCI 60	Intro to Atmospheric Science	(4)	NO COM	IPARA	ABLE COURSE	
PHYSICS 9A	Classical Physics	(5)	 PHYSC 	4A	Principles of Physics: Mechanics	(4)
PHYSICS 9B	Classical Physics	(5)	PHYSC	4B	Principles of Physics: Waves, Sound, and Thermodynamics	(4)
PHYSICS 9C	Classical Physics	(5)	PHYSC	4C	Principles of Physics: Electricity and Magnetism	(4)

STATIST 13 Elementary Statistics (4) | MATH 12 Introduction to (4) | Same as: STATIST 13Y | Probability and Statistics | OR | PSYCH 2 Statistical Methods for (3) | Psychology and Social Science

PREPARATION FOR GRADUATION:

ENGIN 6 Engr Prob Solving (4) NO COMPARABLE COURSE

END OF MAJOR

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

Special Advising Note:

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

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

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

In addition to completing preparatory courses for the major, students must also

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

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

END OF MAJOR

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

Special Advising Note:

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

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

(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:

available from our TAG website.						
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1 Core Biology (4)			
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1 & Core Biology (4) BIOL 2 & General Zoology (5)			
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life		BIOL 3 General Botany (4) BIOL 2 & General Zoology (5) BIOL 3 General Botany (4)			
	enl Chemistry enl Chemistry		CHEM 1A General Chemistry (5) CHEM 1A & General Chemistry (5)			
CHEM 2C G	enl Chemistry OR	(5)	CHEM 1B General Chemistry (5) CHEM 1B General Chemistry (5) OR			
CHEM 2BH	Honors Genl Chemistry Honors Genl Chemistry Honors Genl Chemistry	(5)	NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE			
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation			
	Calculus for Biosci		NO COURSE ARTICULATED: College has not submitted course(s) for articulation			
MATH 17C	Calculus for BioSci OR	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation OR			
MATH 21A	Calculus	(4)	MATH 1 Calculus I (5)			
	Calculus		MATH 2 Calculus II (4)			
PHYSICS 7A	General Physics	(4)	PHYSC 2A & General Physics (4) PHYSC 2B General Physics (4)			
PHYSICS 7B	General Physics	(4)	PHYSC 2A & General Physics (4) PHYSC 2B General Physics (4) General Physics (4)			
PHYSICS 7C	General Physics	(4)	PHYSC 2A & General Physics (4) PHYSC 2B General Physics (4)			
their commun series befor series may b	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 9A	OR Classical Physics	(5)	OR PHYSC 4A Principles of Physics: (4)			
PHYSICS 9B	Classical Physics	(5)	Mechanics PHYSC 4B Principles of Physics: (4) Waves, Sound, and			
PHYSICS 9C	Classical Physics	(5)	Thermodynamics PHYSC 4C Principles of Physics: (4) Electricity and Magnetism			
CHEM 118A	Org Chem, Hlth & Sci		CHEM 12A Organic Chemistry (5)			
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 12A & Organic Chemistry (5)			
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 12B Organic Chemistry (5) CHEM 12B Organic Chemistry (5)			
	OR	,	OR			
CHEM 128A	Organic Chemistry		CHEM 12A Organic Chemistry (5)			
CHEM 128B	Organic Chemistry	(3)	CHEM 12A & Organic Chemistry (5)			
G11711 100 7		,	CHEM 12B Organic Chemistry (5)			
CHEM 128C	Organic Chemistry		CHEM 12B Organic Chemistry (5)			
CHEM 129A	Organic Chem Lab	(\(\(\)	CHEM 12A Organic Chemistry (5)			

Organic Chem Lab (2) CHEM 12A & Organic Chemistry (5)

CHEM 12B Organic Chemistry

RECOMMENDED:

MATH 21C Calculus (4) \mid MATH 3 Vector Calculus (4)

END OF MAJOR

CHEM 129B

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

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

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

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

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

Transfer students must also meet UC transfer admission requirements. UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. See the <u>UC Transfer</u>

Admission webpage. In order to receive priority consideration it is strongly

recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

BIOLSCI 2A Intro Biology: Life on (5) BIOL 1 Core Biology (4)

Earth

BIOLSCI 2B Intro Biology: Ecology (5) BIOL 1 Core Biology (4)

& Evolution BIOL 2 General Zoology (5)

BIOL 3 General Botany (4)

BIOLSCI 2C Intro Biology: (5) BIOL 2 General Zoology (5)

BIOL 3 General Zoology (5)

BIOL 3 General Zoology (5)

BIOL 3 General Botany (4)

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

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

CHEM 1B General Chemistry (5)

CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE
	OR		OR
CHEM 118A	- J ,		
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 12A $\underline{\&}$ Organic Chemistry (5)
			CHEM 12B Organic Chemistry (5)
	Org Chem, Hlth & Sci	(4)	CHEM 12B Organic Chemistry (5)
	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
	OR		OR
MATH 21A	Calculus	(4)	MATH 1 Calculus I (5)
MATH 21B	Calculus	(4)	MATH 2 Calculus II (4)
PHYSICS 1A	Principles Physics	(3)	
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE
	OR		OR
PHYSICS 7A	General Physics	(4)	PHYSC 2A & General Physics (4)
			PHYSC 2B General Physics (4)
PHYSICS 7B	General Physics	(4)	PHYSC 2A & General Physics (4)
			PHYSC 2B General Physics (4)
PHYSICS 7C	General Physics	(4)	PHYSC 2A & General Physics (4)
			PHYSC 2B General Physics (4)

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

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RECOMMENDED COURSES FOR THIS MAJOR:

CHEM 2C	Genl Chemistry	(5) CHEM 1B	General Chemistry	(5)
MATH 17C	Calculus for BioSci		ARTICULATED: College course(s) for articu	
MATH 21C	OR Calculus	 (4) MATH 3	OR Vector Calculus	(4)

END OF MAJOR

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

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

Transfer students must earn an overall transfer GPA of 2.80 or higher to be

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1 Core Biology (4)
BIOLSCI 2B	Intro Biology: Ecology	(5)	 BIOL 1 <u>&</u> Core Biology (4)
	& Evolution		BIOL 2 $\overline{\&}$ General Zoology (5)
			BIOL 3 General Botany (4)
BIOLSCI 2C	Intro Biology:	(5)	BIOL 2 & General Zoology (5)
	Biodiversity & the Tree	(0)	BIOL 3 General Botany (4)
	of Life		General Botany (1)
CHEM 2A Gen	l Chemistry	(5)	CHEM 1A General Chemistry (5)
	nl Chemistry		CHEM 1A & General Chemistry (5)
	1		
CHEM 2C Gen	nl Chemistry	(5)	CHEM 1B General Chemistry (5) CHEM 1B General Chemistry (5)
CHEM ZC GCI		())	CHERT ID General enemities (3)
CHEM 8A Orc	ganic Chem-Brief	(2)	NO COMPARABLE COURSE
-	ganic Chem-Brief	, ,	NO COMPARABLE COURSE
CHEM OB OLG	OR	(+)	OR
CHEM 118A C	Org Chem, Hlth & Sci	(1)	OK CHEM 12A Organic Chemistry (5)
CHEM 118B C	org Chem, Hlth & Sci	(4)	CHEM 12A & Organic Chemistry (5)
			CHEM 12B Organic Chemistry (5)
CHEM 118C C	org Chem, Hlth & Sci	(4)	CHEM 12B Organic Chemistry (5)
MATH 17A Ca	alculus for BioSci	(4)	NO COURSE ARTICULATED: College has not
		(4)	submitted course(s) for articulation
MATH 17B Ca	alculus for Biosci	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
MATH 17C Ca	alculus for BioSci	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
	OR		OR
	alculus	(4)	MATH 1 Calculus I (5)
MATH 21B Ca	alculus	(4)	MATH 2 Calculus II (4)
PHYSICS 7A	General Physics	(4)	PHYSC 2A & General Physics (4)
IIIIDICD /A	deneral inysies	(1)	PHYSC 2B General Physics (4)
DIIVCTAC 7D	Conomol Dhreatas	(1)	
PHYSICS 7B	General Physics	(4)	PHYSC 2A & General Physics (4)
D			PHYSC 2B General Physics (4)
PHYSICS 7C	General Physics	(4)	PHYSC 2A & General Physics (4)
			PHYSC 2B General Physics (4)
			mplete an entire physics series at
			t to the entire UC Davis Physics 7A/B/C
series before	transferring. Students w	vho t	transfer without completing an entire

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:

(4) MATH 3 Vector Calculus

(4)

MATH 21C Calculus END OF MAJOR

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

College of Engineering applicants to fall 2019 should view the majors guide

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

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

Special Advising Note:

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

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

END OF MAJOR

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

Special Advising Note:

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete

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

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

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

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

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

BIOLSCI 2A Intro Biology: Life on (5) | BIOL 1 Core Biology (4)
Earth

BIOLSCI 2B Intro Biology: Ecology (5) | BIOL 1 & Core Biology (4)
& Evolution | BIOL 2 & General Zoology (5)
| BIOL 3 General Botany (4)

BIOLSCI 2C Intro Biology: (5) | BIOL 2 & General Zoology (5)
| Biodiversity & the Tree | BIOL 3 General Botany (4)
| of Life

BIOTECH 1Y	Introduction to Biotechnology	(4)	NO COURSE ARTICULATED: College has : submitted course(s) for articulation	
CHEM 2A	Genl Chemistry	(5)	CHEM 1A General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)		(5)
			·	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B General Chemistry	(5)
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE	
CHEM 8B	Organic Chem-Brief OR	(4)	NO COMPARABLE COURSE OR	
CHEM 118A	Org Chem, Hlth & Sci			(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)		(5)
GHEM 110G	Ores Cham III the C Cai	(1)		(5)
CHEM 118C	Org Chem, Hlth & Sci OR	(4)	CHEM 12B Organic Chemistry OR	(5)
CHEM 128A	Organic Chemistry			(5)
CHEM 128B	Organic Chemistry	(3)	· · · · · · · · · · · · · · · · · · ·	(5)
				(5)
CHEM 128C	Organic Chemistry			(5)
CHEM 129A	Organic Chem Lab	(<u>Z</u>)	CHEM 12A Organic Chemistry	(5)
MATH 16A	Short Calculus	(3)	MATH 13 Survey of Calculus OR	(4)
			MATH 1 Calculus I	(5)
MATH 16B	Short Calculus OR	(3)	MATH 2 Calculus II OR	(4)
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has:	
MATH 17B	Calculus for Biosci	(1)	submitted course(s) for articulation NO COURSE ARTICULATED: College has	
MAIH 1/B	Calculus for Bloser	(4)	submitted course(s) for articulation	
	OR		OR	
MATH 21A	Calculus			(5)
MATH 21B	Calculus	(4)	MATH 2 Calculus II	(4)
PHYSICS 7A	General Physics	(4)		(4)
				(4)
PHYSICS 7B	General Physics	(4)	·	(4)
their comm series bef series may	unity college that is equivore transferring. Students be required to take additi	valen who onal	PHYSC 2B General Physics mplete an entire physics series at t to the entire UC Davis Physics 7A/2 transfer without completing an entire physics courses upon arrival at UC vis advisor before continuing with	
EMC CC 20			FORMATICS OPTION: CS 55 Discrete Structures for	(2)
EING CD ZU	C BCI/DISCIECE Macil	(+)	Computer Science	(3)
ENG CS 36A	Programming	(4)		(3)
	y ENG CS 30	` - /	<u>OR</u>	/
			CSP 31A C++ Programming I	
	RESTRICTED ELECTIVES FO	R BI	OINFORMATICS OPTION:	
	Object-Oriented Program			(3)
	y ENG CS 40 Data Structures	(1)	CCD 26B Data Structures with	121
	y ENG CS 60	(4)	CSP 26B Data Structures with Java	(3)
	Machine Dependent Prog	(4)	1	(3)
		,	Programming	-

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1 Core Biology (4)
BIOLSCI 2B	Intro Biology: Ecology	(5)	 BIOL 1 & Core Biology (4
DIOLECT LD	& Evolution	(3)	BIOL 2 & General Zoology (5)
			BIOL 3 General Botany (4)
BIOLSCI 2C	Intro Biology:	(5)	BIOL 2 & General Zoology (5
	Biodiversity & the Tree of Life		BIOL 3 General Botany (4)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A General Chemistry (5
CHEM 2B	Genl Chemistry	(5)	CHEM 1A & General Chemistry (5)
			CHEM 1B General Chemistry (5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B General Chemistry (5)
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE
	OR		OR
CHEM 118A	Org Chem, Hlth & Sci		CHEM 12A Organic Chemistry (5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 12A & Organic Chemistry (5)
			CHEM 12B Organic Chemistry (5 CHEM 12B Organic Chemistry (5
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 12B Organic Chemistry (5
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 17B	Calculus for Biosci	(1)	NO COURSE ARTICULATED: College has not
MAIN 1/b	Calculus for Bloser	(+)	submitted course(s) for articulation
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not
MAIII 17C	carcaras for brober	(1)	submitted course(s) for articulation
	OR		OR
MATH 21A	Calculus	(4)	MATH 1 Calculus I (5)
MATH 21B		(4)	MATH 2 Calculus II (4
			·
PHYSICS 7A	General Physics	(4)	PHYSC 2A & General Physics (4)
			PHYSC 2B General Physics (4)
PHYSICS 7B	General Physics	(4)	PHYSC 2A & General Physics (4)
			PHYSC 2B General Physics (4)
PHYSICS 7C	General Physics	(4)	PHYSC 2A & General Physics (4)
	1 1		PHYSC 2B 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 21C Calculus (4) | MATH 3 Vector Calculus (4)

END OF MAJOR

====Chemical Engineering B.S.====

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

Special Advising Note:

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

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

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

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

IGETC: Transfer students should place highest priority on completing all

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

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

CHEM 2A CHEM 2B	Genl Chemistry Genl Chemistry		CHEM 1A & General Chemistry ((5) (5) (5)
CHEM 2C	Genl Chemistry OR	(5)	·	(5)
	Honors Genl Chemistry Honors Genl Chemistry Honors Genl Chemistry	(5)	NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE	
PHYSICS 9A	Classical Physics	(5)	PHYSC 4A Principles of Physics: (Mechanics	(4)
PHYSICS 9B	Classical Physics	(5)	PHYSC 4B Principles of Physics: (Waves, Sound, and Thermodynamics	(4)
PHYSICS 9C	Classical Physics	(5)	·	(4)
PHYSICS 9D	Modern Physics	(4)	NO COMPARABLE COURSE	
MATH 21A MATH 21B MATH 21C MATH 21D MATH 22A MATH 22AL	Calculus	(4) (4) (4) (3) (1)	MATH 2 Calculus II (MATH 3 Vector Calculus (MATH 3 Vector Calculus (
CHEM 128A CHEM 128B	Organic Chemistry Organic Chemistry	(3)	CHEM 12A & Organic Chemistry (CHEM 12B Organic Chemistry ((5) (5) (5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 12A Organic Chemistry ((5)

END OF MAJOR

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

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is https://doi.org/10.1001/journal.com/ that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation

and significantly reduces time to degree.

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

Transfer students pursuing this major 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.

CHEM CHEM		Genl Chemistry Genl Chemistry	(5) (5)) CHEM 1A General Chemistry (5) CHEM 1A General Chemistry (5 CHEM 1B General Chemistry (5)
CHEM	2C	Genl Chemistry OR	(5)	_	•
CHEM CHEM CHEM	2BH	Honors Genl Chemistry Honors Genl Chemistry Honors Genl Chemistry	(5)) NO COMPARABLE COURSE	
PHYSI	 CS 7A	General Physics	(4)) PHYSC 2A & General Physics (4 PHYSC 2B General Physics (4	′
PHYSI	CS 7B	General Physics	(4)	· · · · · · · · · · · · · · · · · · ·	•
PHYSI	CS 7C	General Physics	(4)	PHYSC 2B General Physics (4) PHYSC 2A & General Physics (4 PHYSC 2B 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.

12								
		OI	-				OR	
PHYSI	CS 9A	Classic	cal Physics	(5)	PHYSO 	C 4A	Principles of Phy Mechanics	ysics: (4)
PHYSI	CS 9B	Classic	cal Physics	(5)	PHYSO 	C 4B	Principles of Phy Waves, Sound, and Thermodynamics	
PHYSI	CS 9C	Classio	cal Physics	(5)	PHYS(C 4C	Principles of Phy Electricity and Magnetism	ysics: (4)
MATH	16A	Short Cal	lculus	(3)	MATH OI	<u> </u>	Survey of Calculua	, ,
					1		Calculus I	(5)
MATH		Short Cal					Calculus II	(4)
MATH	16C	Short Cal		(3)	MATH 	2	Calculus II OR	(4)
MATH	17A	Calculus	for BioSci	(4)	NO CO	DURSE	ARTICULATED: Colleg	ge has not
					submi	itted	course(s) for artic	culation
MATH	17B	Calculus	for Biosci	(4)	NO CO	DURSE	ARTICULATED: Colleg	ge has not
					submi	itted	course(s) for artic	culation
MATH	17C	Calculus	for BioSci	(4)			ARTICULATED: Colleg	
					submi	itted	course(s) for artic	culation
		OI	₹.				OR	
MATH		Calculus					Calculus I	(5)
MATH		Calculus					Calculus II	(4)
MATH	21C	Calculus		(4)	MATH 	3 	Vector Calculus	(4)
CHEM	128A	Organic	Chemistry	(3)	CHEM	12A	Organic Chemistry	y (5)
CHEM	128B	Organic	Chemistry	(3)	CHEM	12A	$oldsymbol{\underline{\epsilon}}$ Organic Chemistry	y (5)
					CHEM	12B	Organic Chemistr	y (5)
CHEM	128C	Organic	Chemistry	(3)	CHEM	12B	Organic Chemistr	y (5)
CHEM	129A	Organic	Chem Lab	(2)	CHEM	12A	Organic Chemistr	y (5)
CHEM	129B	Organic	Chem Lab	(2)	CHEM	12A	& Organic Chemistr	y (5)
					CHEM	12B	Organic Chemistry	y (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 $\underline{\text{highly recommended}}$ 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

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

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

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

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

CHEM 2A	Genl Chemistry	(5) CHEM 1A General Chemistry (5
CHEM 2B	Genl Chemistry	(5) CHEM 1A & General Chemistry (5
		CHEM 1B General Chemistry (5
CHEM 2C	Genl Chemistry	(5) CHEM 1B General Chemistry (5
	OR	OR
CHEM 2AH	Honors Genl Chemistry	(5) NO COMPARABLE COURSE
CHEM 2BH	Honors Genl Chemistry	(5) NO COMPARABLE COURSE
CHEM 2CH	Honors Genl Chemistry	(5) NO COMPARABLE COURSE
PHYSICS 9A	Classical Physics	(5) PHYSC 4A Principles of Physics: (4
	a1 ! 1 =1 !	Mechanics
PHYSICS 9B	Classical Physics	(5) PHYSC 4B Principles of Physics: (4
		Waves, Sound, and
DIIIIATAA OA		Thermodynamics
PHYSICS 9C	Classical Physics	(5) PHYSC 4C Principles of Physics: (4
		Electricity and
		Magnetism
MATH 21A	Calculus	(4) MATH 1 Calculus I (5
MATH 21B	Calculus	(4) MATH 2 Calculus II (4
MATH 21C	Calculus	(4) MATH 3 Vector Calculus (4
MATH 21D	Vector Analysis	(4) MATH 3 Vector Calculus (4
MATH 22A	Linear Algebra	(3) MATH 5 Linear Algebra (3
MATH 22AL	Lin Alg Comp Lab	(1) NO COURSE ARTICULATED: College has no
		submitted course(s)for articulation
MATH 22B	Differntl Equations	(3) MATH 4 Differential Equations (4
CHEM 128A	Organic Chemistry	(3) CHEM 12A Organic Chemistry (5
CHEM 128B	Organic Chemistry	(3) CHEM 12A $\underline{\mathbf{a}}$ Organic Chemistry (5)
		CHEM 12B Organic Chemistry (5
CHEM 128C	Organic Chemistry	(3) CHEM 12B Organic Chemistry (5
CHEM 129A	Organic Chem Lab	(2) CHEM 12A Organic Chemistry (5
CHEM 129B	Organic Chem Lab	(2) CHEM 12A $\underline{\&}$ Organic Chemistry (5
		CHEM 12B Organic Chemistry (5
CHEM 129C	Organic Chem Lab	(2) CHEM 12B Organic Chemistry (5

RECOMMENDED COURSES:

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 $\frac{\text{highly recommended}}{\text{preparing well for}}$ 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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______ CHEM 2A Genl Chemistry
CHEM 2B Genl Chemistry (5) CHEM 1A General Chemistry
(5) CHEM 1A & General Chemistry CHEM 1B General Chemistry (5) CHEM 2C Genl Chemistry (5) CHEM 1B General Chemistry (5) OR CHEM 2AH Honors Genl Chemistry (5) NO COMPARABLE COURSE CHEM 2BH Honors Genl Chemistry
CHEM 2CH Honors Genl Chemistry (5) NO COMPARABLE COURSE (5) NO COMPARABLE COURSE PHYSICS 7A General Physics (4)|PHYSC 2A & General Physics (4) PHYSC 2B General Physics PHYSICS 7B General Physics (4) PHYSC 2A $\underline{\&}$ General Physics PHYSC 2B General Physics (4)PHYSICS 7C General Physics (4) PHYSC 2A & General Physics (4)PHYSC 2B General Physics (4) It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

physics.	OR		OR
PHYSICS 9A	Classical Physics	(5)	I -
PHYSICS 9B	Classical Physics	(5)	PHYSC 4B Principles of Physics: (4) Waves, Sound, and
PHYSICS 9C	Classical Physics	(5)	Thermodynamics PHYSC 4C Principles of Physics: (4) Electricity and Magnetism
MATH 16A	Short Calculus	(3)	MATH 13 Survey of Calculus (4)
			MATH 1 Calculus I (5)
MATH 16B	Short Calculus		MATH 2 Calculus II (4)
MATH 16C	Short Calculus OR	(3)	MATH 2 Calculus II (4) OR
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not
		, ,	submitted course(s) for articulation
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not
MATH 17C	Calculus for BioSci	(1)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not
MAIH 1/C	Calculus for Bloser	(4)	submitted course(s) for articulation
	OR		OR
MATH 21A			MATH 1 Calculus I (5)
MATH 21B MATH 21C		(4)	MATH 2 Calculus II (4) MATH 3 Vector Calculus (4)
MATH ZIC			
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1 Core Biology (4)
	Elementary Statistics STATIST 13Y	(4)	
	OR		PSYCH 2 Statistical Methods for (3) Psychology and Social Science
STATIST 32	Gateway to Data Science	(4)	OR NO COMPARABLE COURSE
CHEM 118A	Org Chem, Hlth & Sci		CHEM 12A Organic Chemistry (5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 12A & Organic Chemistry (5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 12B Organic Chemistry (5) CHEM 12B Organic Chemistry (5)
CHEM 110C	OR	(1	OR
CHEM 128A	Organic Chemistry		CHEM 12A Organic Chemistry (5)
CHEM 128B	Organic Chemistry	(3)	CHEM 12A & Organic Chemistry (5)
CHEM 128C	Organic Chemistry	121	CHEM 12B Organic Chemistry (5) CHEM 12B Organic Chemistry (5)
CHEM 129A	Organic Chem Lab		CHEM 12B Organic Chemistry (5)
CHEM 129B	Organic Chem Lab		CHEM 12A & Organic Chemistry (5)
			CHEM 12B 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 $\frac{\text{highly recommended}}{\text{Preparing well for}}$ that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

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

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CHEM 2A Genl Chemistry
CHEM 2B Genl Chemistry (5) CHEM 1A General Chemistry (5) (5) CHEM 1A & General Chemistry CHEM 1B General Chemistry (5) CHEM 1B General Chemistry (5) CHEM 2C Genl Chemistry OR OR CHEM 2AH Honors Genl Chemistry (5) NO COMPARABLE COURSE CHEM 2BH Honors Genl Chemistry (5) NO COMPARABLE COURSE CHEM 2CH Honors Genl Chemistry (5) NO COMPARABLE COURSE ______ PHYSICS 7A General Physics (4) | PHYSC 2A & General Physics PHYSC 2B General Physics (4) PHYSICS 7B General Physics (4) PHYSC 2A & General Physics (4)PHYSC 2B General Physics
(4) PHYSC 2A & General Physics PHYSICS 7C General Physics (4)PHYSC 2B 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.			ı	
PHYSICS 9A	OR	/ E \	 PHYSC 4A	OR
PHISICS 9A	Classical Physics	(5)	PHYSC 4A 	Principles of Physics: (4) Mechanics
PHYSICS 9B	Classical Physics	(5)	PHYSC 4B 	Principles of Physics: (4) Waves, Sound, and Thermodynamics
PHYSICS 9C	Classical Physics	(5)	 PHYSC 4C 	Principles of Physics: (4) Electricity and Magnetism
MATH 16A	Short Calculus	(3)	MATH 13 <u>OR</u> MATH 1	Survey of Calculus (4) Calculus I (5)
MATH 16B	Short Calculus	(3)		Calculus II (4)
MATH 16C	Short Calculus OR			Calculus II (4)
MATH 17A	Calculus for BioSci	(4)		ARTICULATED: College has not course(s) for articulation
MATH 17B	Calculus for Biosci	(4)	NO COURSE	ARTICULATED: College has not
MATH 17C	Calculus for BioSci	(1)	!	<pre>course(s) for articulation ARTICULATED: College has not</pre>
MAIH 17C		(4)		course(s) for articulation
MATH 21A	OR Calculus	(4)	 Matu 1	OR Calculus I (5)
MATH 21B	Calculus	(4)	MATH 2	Calculus II (4)
MATH 21C	Calculus	(4)	MATH 3	Calculus I (5) Calculus II (4) Vector Calculus (4)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	 BIOL 1 	Core Biology (4)
ENV TOX 20	Introduction to Forensic Science	(3)		ARTICULATED: College has not course(s) for articulation
	Elementary Statistics STATIST 13Y	(4)		Introduction to (4) Probability and Statistics
	OR		<u>OR</u> PSYCH 2 	Statistical Methods for (3) Psychology and Social Science OR
STATIST 32	Gateway to Data Science	(4)	 NO COMPARA	_
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 12A	Organic Chemistry (5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 12A	
CHEM 118C	Org Chem, Hlth & Sci OR	(4)	CHEM 12B	_
CHEM 128A	Organic Chemistry	(3)	 CHEM 12A	
CHEM 128B	Organic Chemistry		CHEM 12A	
-	<u> </u>	/	CHEM 12B	Organic Chemistry (5)
CHEM 128C	Organic Chemistry	(3)	CHEM 12B	Organic Chemistry (5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 12A	Organic Chemistry (5)
CHEM 129B	Organic Chem Lab	(2)	CHEM 12A & CHEM 12B	Organic Chemistry (5) Organic Chemistry (5)

END OF MAJOR

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

Transfer students are strongly advised to complete as many preparatory courses

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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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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CHICANO 10	Intro to Chic Std	(4) HIST 31 Mexican-American (3) History
CHICANO 50	Chicano Culture	(4) NO COMPARABLE COURSE
CHICANO 21	Hlth Care Issues OR	(4) NO COMPARABLE COURSE OR
CHICANO 40	Comparative Health	(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation

ONE COURSE FROM THE FOLLOWING:

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

CHICANO 73	Art Expr Silk Scr	(4) NO COMPARABLE COURSE
SPANISH 1 SPANISH 2	Elementary Spanish Elementary Spanish	(5) SPAN 1 Elementary Spanish I (5) (5) SPAN 1 & Elementary Spanish I (5)
		SPAN 2 Elementary Spanish II (5)
SPANISH 3	Elementary Spanish	(5) SPAN 2 Elementary Spanish II (5)
	OR	OR
SPANISH 28	Inter Conversation	(2) NO COMPARABLE COURSE
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 <u>transfer admission website</u>. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

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Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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 1	LO	Intro to Chic Std	(4)	HIST 31 	Mexican-American (3) History			
CHICANO 5	50	Chicano Culture	(4)	I	2			
CHICANO 2	21	Hlth Care Issues OR	(4)	NO COMPARA	ABLE COURSE OR			
CHICANO 4	10	Comparative Health	(4)		ARTICULATED: College has not course(s) for articulation			
ONE COURSE FROM THE FOLLOWING:								
CHICANO 6	50	Chicana and Chicano Representn in Cinema	(4)	NO COMPARA	ABLE COURSE			
CHICANO 6	55		(4)	•	ARTICULATED: College has not course(s) for articulation			
CHICANO 7	70		(4)	Į.				
		Art Expr Silk Scr						
		ONE COURSE FE	OM T	HE FOLLOWIN				
CHICANO 2		Qualitative Research		NO COURSE	ARTICULATED: College has not			
			(4)	NO COURSE submitted PSYCH 4	ARTICULATED: College has not course(s) for articulation Introduction to (3) Research Methods in			
PSYCH 41	R	Qualitative Research Methods	(4)	NO COURSE submitted PSYCH 4	ARTICULATED: College has not course(s) for articulation Introduction to (3) Research Methods in Psychology			
PSYCH 41 SOCIOL 46	R(5A	Qualitative Research Methods esearch Methods	(4)	NO COURSE submitted PSYCH 4 NO COMPARA	ARTICULATED: College has not course(s) for articulation Introduction to (3) Research Methods in Psychology ABLE COURSE			
PSYCH 41 SOCIOL 46	F6A L :	Qualitative Research Methods esearch Methods Intro Social Rsch	(4) (4) (4) (5) (5)	NO COURSE submitted PSYCH 4 NO COMPARA SPAN 1 SPAN 1 &	ARTICULATED: College has not course(s) for articulation Introduction to (3) Research Methods in Psychology ABLE COURSE Elementary Spanish I (5) Elementary Spanish I (5) Elementary Spanish II (5)			
PSYCH 41 SOCIOL 46 SPANISH 1 SPANISH 2 SPANISH 3	R65A	Qualitative Research Methods esearch Methods Intro Social Rsch Elementary Spanish Elementary Spanish Elementary Spanish OR	(4) (4) (4) (5) (5)	NO COURSE submitted PSYCH 4 NO COMPARA SPAN 1 SPAN 1 &	ARTICULATED: College has not course(s) for articulation Introduction to (3) Research Methods in Psychology ABLE COURSE Elementary Spanish I (5) Elementary Spanish I (5)			
PSYCH 41 SOCIOL 46 SPANISH 1 SPANISH 2 SPANISH 3	R65A L : 22 :	Qualitative Research Methods Esearch Methods Intro Social Rsch Elementary Spanish Elementary Spanish OR Inter Conversation	(4) (4) (4) (5) (5) (5)	NO COURSE submitted PSYCH 4 NO COMPARA SPAN 1 & SPAN 2 SPAN 2 SPAN 2 NO COMPARA	ARTICULATED: College has not course(s) for articulation Introduction to (3) Research Methods in Psychology ABLE COURSE Elementary Spanish I (5) Elementary Spanish I (5) Elementary Spanish II (5) Elementary Spanish II (5) ABLE COURSE			
PSYCH 41 SOCIOL 46 SPANISH 1 SPANISH 2 SPANISH 3	R65A L : : : : : : : : : : : : : : : : : : :	Qualitative Research Methods Esearch Methods Intro Social Rsch Elementary Spanish Elementary Spanish CR Inter Conversation	(4) (4) (4) (5) (5) (5) (2) (5)	NO COURSE submitted PSYCH 4 NO COMPARA SPAN 1 & SPAN 2 SPAN 2 SPAN 2 NO COMPARA NO COMPARA	ARTICULATED: College has not course(s) for articulation Introduction to (3) Research Methods in Psychology ABLE COURSE Elementary Spanish I (5) Elementary Spanish I (5) Elementary Spanish II (5) Elementary Spanish II (5) ABLE COURSE ABLE COURSE			

====Chinese 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.

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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
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	e	(5) CH	IN 1		Elementary Chinese (5)
x)	CHINESE	2	Elem Chinese	9	(5) CH	IN 1	. &	Elementary Chinese (5)
						СН	IN 2	_	Elementary Chinese (5)
x)	CHINESE	3	Elem Chinese	Э	(5) CH	IN 2		Elementary Chinese (5)
x)	CHINESE	4	Inter Chines	se	(5) CH	IN 3		Intermediate Chinese (5)
x)	CHINESE	5	Inter Chines	se	(5) CH	IN 3	&	Intermediate Chinese (5)
						СН	IN 4	_	Intermediate Chinese (5)
x)	CHINESE	6	Inter Chines	se	(5) CH	IN 4	:	Intermediate Chinese (5)
			OR			İ			OR
x)	CHINESE	1BL	Accl Wrtn	Chinese	I (5) NO	COM	[PA]	ARABLE COURSE
x)	CHINESE	2BL	Accl Wrtn	Chinese	(5) NO	COM	[PA]	ARABLE COURSE
			II			ĺ			
x)	CHINESE	3BL	Accl Wrtn	Chinese	(5) NO	COM	[PA]	ARABLE COURSE
			III			İ			
			OR			ĺ			OR
x)	CHINESE	1CN	Mand/Cant	Spkrs I	(5) NO	COM	[PA]	ARABLE COURSE
x)	CHINESE	2CN	Mand/Cant	Spkrs I	I (5) NO	COM	[PA]	ARABLE COURSE
x)	CHINESE	3CN	Mand/Cant	Spkrs I	II (5) NO	COM	[PA]	ARABLE COURSE

RECOMMENDED COURSES FOR THIS MAJOR:

CHINESE 10	Modern Lit (in Engl)	(4) NO COMPARABLE COURSE	
CHINESE 11	Gt Bks China (Engl)	(4) NO COMPARABLE COURSE	
CHINESE 50	Intro to Literature	(4) NO COMPARABLE COURSE	
Same as:	JPNESE 50		
COMPLIT 14	Intro Poetry	(3) NO COMPARABLE COURSE	
JPNESE 10	Masterworks in English	(4) NO COMPARABLE COURSE	
LINGUIS 1	Intro Linguistics	(4) HUM 4 Introduction to	(3)

HISTORY 9A East Asian Civ

(4) NO COMPARABLE 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.

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

Same as: ENG CS 12 | submitted course(s) for articulation

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

Select two of the following courses:

CINE&TS	40A	Media History I	(4)	NO COURSE	ARTICULATED:	College has not
Same	as:	SCI&TEC 40A		submitted	course(s)for	articulation
CINE&TS	40B	Media History 2	(4)	NO COURSE	ARTICULATED:	College has not
Same	as:	SCI&TEC 40B		submitted	course(s)for	articulation
CINE&TS	41A	Cinema Hist 1895-1945	(4)	NO COURSE	ARTICULATED:	College has not
				submitted	course(s)for	articulation
CINE&TS	41B	Cinema Hist 1945 to	(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)	NO COURSE submitted	ARTICULATED: College has not course(s) for articulation
Former	ly Humanities 10			
TCULST 1	Intro Technocultural	(4)	NO COURSE	ARTICULATED: College has not
	Studies			course(s) for articulation
TCULST 5	Media Archaeology	(4)	NO COURSE	ARTICULATED: College has not
			submitted	course(s) for articulation

END OF MAJOR

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

Special Advising Note:

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

Transfer applicants must also complete all lower-division courses required for

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

LATIN 1 Elementary Latin (5) NO COMPARABLE COURSE
LATIN 2 Elementary Latin (5) NO COMPARABLE COURSE
LATIN 3 Intermediate Latin (5) NO COMPARABLE COURSE
OR OR
GREEK 1 Elem Greek (5) NO COMPARABLE COURSE

GREEK 2 Elem Greek (5) NO COMPARABLE COURSE
GREEK 3 Intermediate Greek (5) NO COMPARABLE COURSE
(5) NO COMPARABLE COURSE

TWO COURSES FROM THE FOLLOWING:

CLASSIC 1	N East/Early Gr	(4) NO COMPARABLE COURSE
CLASSIC 2	Anc Gr & Near East	(4) NO COMPARABLE COURSE
CLASSIC 3	Rome & The Mediter	(4) NO COMPARABLE COURSE

ONE ADDITIONAL COURSE SELECTED FROM:

ARTHI 1A	Ancie	nt Mediterranean Art	(4)	ART		Art History: Prehistory to		from	(3)
CLASSIC 1	. N Ea	st/Early Gr	(4)	NO C	COMPARA	ABLE COURSE			
CLASSIC 2	2 Anc	Gr & Near East	(4)	NO C	COMPARA	ABLE COURSE			
CLASSIC 3	Rome	& The Mediter	(4)	NO C	COMPARA	ABLE COURSE			
CLASSIC 4	l Late	Antiquity	(4)	NO C	COURSE	ARTICULATED:	College	has	not
				subm	nitted	course(s)for	articul	ation	1
CLASSIC 1	.0 Gr,	Roman,N East Myth	(3)	NO C	COMPARA	ABLE COURSE			
CLASSIC 1	.5 Wom	en & Gender in	(4)	NO C	COMPARA	ABLE COURSE			
	Cla	ssical Antiquity							
CLASSIC 2	20 Pom	peii AD 79	(4)	NO C	COMPARA	ABLE COURSE			
CLASSIC 2	25 Cla	ssical America	(4)	NO C	COURSE	ARTICULATED:	College	has	not
				subm	nitted	course(s)for	articul	ation	1
CLASSIC 3	80 Wor	d Roots	(3)	NO C	COURSE	ARTICULATED:	College	has	not
				subm	nitted	course(s)for	articul	ation	1
CLASSIC 3	31 Tec	hnical Word Roots	(3)	ио с	COURSE	ARTICULATED:	College	has	not
				subm	nitted	course(s)for	articul	ation	1
CLASSIC 4	lO Eco	nomy in Ancient Med	(4)	ио с	COURSE	ARTICULATED:	College	has	not
				subm	nitted	course(s)for	articul	ation	1
CLASSIC 5	0 And	ient Science	(4)	ио с	COMPARA	ABLE COURSE			
Same a	as: SCI&T	EC 50							
COMPLIT 1	. Majo	r Books-Ancient	(4)	ио с	COMPARA	ABLE COURSE			
	Worl								
PHILOS 21	. Phil C	lassics: Ancient	(4)	ио с	COMPARA	ABLE COURSE			
REL STD 2			(4)	ио с	COMPARA	ABLE COURSE			
REL STD 4	lo New	Testament	(4)	ио с	COMPARA	ABLE COURSE			

END OF MAJOR

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

College Foreign Language Requirement Note:

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

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

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

LATIN 1	Elementary Latin	(5)	NO COMPARABLE COURSE
LATIN 2	Elementary Latin	(5)	NO COMPARABLE COURSE
LATIN 3	Intermediate Latin	(5)	NO COMPARABLE COURSE
	AND	į	AND
GREEK 1	Elem Greek	(5)	NO COMPARABLE COURSE
GREEK 2	Elem Greek	(5)	NO COMPARABLE COURSE
GREEK 3	Intermediate Greek	(5)	NO COMPARABLE COURSE
		<u>-</u>	
CLASSIC 1	N East/Early Gr	(4)	NO COMPARABLE COURSE
	OR	į	OR
CLASSIC 2	Anc Gr & Near East	(4)	NO COMPARABLE COURSE
	OR	į	OR
CLASSIC 3	Rome & The Mediter	(4)	NO COMPARABLE COURSE
CLASSIC 4	Late Antiquity	(4)	NO COURSE ARTICULATED: College has not
		į	submitted course(s)for articulation

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

Intergermental Conoral Education Transfer Curriculum (ICEEC) / IC Davis Conoral

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

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

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

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

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

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

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

Advanced Discount (AD) and International Description (ID) Eveningtion Note:

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

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

ENGLISH 3 Intro to Lit (4) ENG 1B W

(4) ENG 1B Written Communications (3)
II: A Critical
Introduction to
Literature

OR UWRITING 1 Expository Writing	(4)	OR ENG 1A Reading and Composition (3)
COMUNCN 1 Intro Public Spkg	(4)	COM ST 1A Public Speaking (3)
BIOLSCI 2A Intro Biology:Life on Earth	(5)	BIOL 1 Core Biology (4	.)
BIOLSCI 2B Intro Biology: Ecology & Evolution	(5)	BIOL 1 & Core Biology (4 BIOL 2 & General Zoology (5 BIOL 3 General Botany (4	(
CHEM 2A Genl Chemistry CHEM 2B Genl Chemistry CHEM 2C Genl Chemistry CHEM 8A Organic Chem-Brief CHEM 8B Organic Chem-Brief	(5) (5) (2)		i)
ECON 1A Princ of Microecon OR ECON 1B Princ of Macroecon		ECON 1B Principles of (3 Microeconomics OR ECON 1A Principles of (3 Macroeconomics	
PSYCH 1 General Psychology	(4)	PSYCH 1 Introduction to (3 Psychology	
SOCIOL 1 Intro Sociology OR	(5)	SOCIO 1A Introduction to (3 Sociology OR)
SOCIOL 3 Social Problems	(4)	SOCIO 1B Problems of a Changing (3 Society)
OR ANTHRO 2 Cultural Anthropology	(5)	OR ANTHR 1 Cultural Anthropology (3)
STATIST 13 Elementary Statistics Same as: STATIST 13Y	(4)	MATH 12 Introduction to (4 Probability and Statistics OR	:)
		DK PSYCH 2 Statistical Methods for (3 Psychology and Social Science)

END OF MAJOR

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

Special Advising Note:

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

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

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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	Intro Linguistics	(4)	1	Linguistics	3)
COG SCI 1 In	tro Cognitive Science OR	(4)	 NO COURSE 	ARTICULATED OR	
PHILOS 10	Intro Cognitive Science	(4)	!	ARTICULATED: College has n course(s) for articulation	ot
PHILOS 12 PHILOS 13G	Intro to Symbol Logic Minds, Brains Comp w/Disc		NO COURSE	Introductory Logic (ARTICULATED:College has no course(s)for articulation	-
PSYCH 1 G	eneral Psychology	(4)	PSYCH 1 	Introduction to (Psychology	3)
PSYCH 41	Research Methods	(4)	PSYCH 4 	Introduction to (Research Methods in Psychology	3)
	Elementary Statistics STATIST 13Y	(4)	 MATH 12 OR	Introduction to (Probability and Statistics	4)
			PSYCH 2	Statistical Methods for (Psychology and Social Science	3)

END OF MAJOR

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

Emphasis 1: Computational			
ENG CS 20 C Sci/Discrete Math	(4)	CS 55 Discrete Structures for (3	
		Computer Science	
ENG CS 32A Intro to Programming(4)		NO COMPARABLE COURSE	
Formerly ENG CS 10			
OR		OR	
ENG CS 36A Programming	(4)	CSP 26A JAVA Programming (3	
Formerly ENG CS 30		<u>OR</u>	
		CSP 31A C++ Programming I (3	
ENG CS 34 UNIX & C++	(5)	NO COURSE ARTICULATED	
OR		OR	
ENG CS 36B Object-Oriented Program	(4)	CSP 31B C++ Programming II (3	
Formerly ENG CS 40			
ENG CS 50 Machine Dependent Prog	(4)	CSP 25 Assembly Language (3	
		Programming	
ENG CS 32B Intro to Data Structures	(4)		
OR		OR	
ENG CS 36C Data Structures	(4)	CSP 26B Data Structures with (3	
Formerly ENG CS 60		Java	
LINGUIS 1 Intro Linguistics	(4)	HUM 4 Introduction to (3	
		Linguistics	

506 0.5		Same	as:	
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MATH 17A					
	Calculus for BioSci	(4)	!	ARTICULATED: College has no course(s) for articulation	
MATH 17B	Calculus for Biosci OR	(4)	NO COURSE	ARTICULATED: College has no course(s) for articulation OR	ot
MATH 21A	Calculus	(1)	 	•	E \
MATH 21B	Calculus Calculus		!		5) 4)
MATH 22A	Linear Algebra	(3)	MATH 5	Linear Algebra (3)
MATH 22AL	Lin Alg Comp Lab			ARTICULATED: College has no	
	J -			course(s)for articulation	
COG SCI 1 I	ntro Cognitive Science OR	(4)	NO COURSE 	ARTICULATED OR	
PHILOS 10	Intro Cognitive Science	(4)	NO COURSE	ARTICULATED: College has no	ot
		,	!	course(s)for articulation	
PHILOS 12	Intro to Symbol Logic	(4)	 PHTLO 30	Introductory Logic (3)
PHILOS 13G	Minds, Brains Comp			ARTICULATED: College has no	,
	w/Disc	(- /		course(s)for articulation	
PSYCH 1	General Psychology	(4)	PSYCH 1	•	3)
				Psychology	٠,
PSYCH 41	Research Methods	(4)	PSYCH 4		3)
				Research Methods in	
			 	Psychology	
STATIST 13	Elementary Statistics	(4)	MATH 12	Introduction to (4)
	STATIST 13Y	, ,		Probability and	,
			j	Statistics	
			<u>OR</u>		
			PSYCH 2 	Statistical Methods for (Psychology and Social Science	3)
	Fmphagi	 = 2•	Neuroscie		
BIOLSCI 2A	Intro Biology:Life on				4)
	Earth		j		
BIOLSCI 2B	Intro Biology: Ecology		1		
		(5)			4)
	& Evolution		BIOL 2 &	General Zoology (4) 5)
	& Evolution		BIOL 2 & BIOL 3	General Zoology (General Botany (5) 4)
BIOLSCI 2C	& Evolution Intro Biology:	(5)	BIOL 2 & BIOL 3 BIOL 2 &	General Zoology (General Botany (General Zoology (5) 4) 5)
BIOLSCI 2C	& Evolution Intro Biology: Biodiversity & the Tree	(5)	BIOL 2 & BIOL 3 BIOL 2 &	General Zoology (General Botany (General Zoology (5) 4)
	& Evolution Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 2 & SE BIOL 3 BIOL 2 & SE BIOL 3	General Zoology (General Botany (General Zoology (General Botany (5) 4) 5) 4)
	& Evolution Intro Biology: Biodiversity & the Tree of Life	(5) (4)	BIOL 2 & BIOL 3 BIOL 2 & BIOL 3 BIOL 3	General Zoology (General Botany (General Zoology (General Botany (General Botany (5) 4) 5) 4)
	& Evolution Intro Biology: Biodiversity & the Tree of Life	(5) (4)	BIOL 2 & BIOL 3 BIOL 2 & BIOL 3 BIOL 3	General Zoology (General Botany (General Zoology (General Botany (Introduction to (Linguistics	5) 4) 5) 4)
LINGUIS 1	& Evolution Intro Biology: Biodiversity & the Tree of Life Intro Linguistics	(5) (4)	BIOL 2 & BIOL 3 BIOL 2 & BIOL 3 BIOL 3 BIOL 3 BIOL 3 BIOL 3 BIOL 3 BIOL 3 BIOL BIOL BIOL BIOL BIOL BIOL BIOL BIOL	General Zoology (General Botany (General Zoology (General Botany (General Botany (Introduction to (Linguistics S:	5) 4) 5) 4) 3)
LINGUIS 1	& Evolution Intro Biology: Biodiversity & the Tree of Life Intro Linguistics	(5)	BIOL 2 & BIOL 3 BIOL 2 & BIOL 3	General Zoology (General Botany (General Zoology (General Botany (General Botany (Introduction to (Linguistics S:	5) 4) 5) 4) 3)
LINGUIS 1	& Evolution Intro Biology: Biodiversity & the Tree of Life Intro Linguistics	(5)	BIOL 2 & BIOL 3 BIOL 2 & BIOL 3	General Zoology (General Botany (General Zoology (General Botany (Introduction to (Linguistics S: ARTICULATED: College has no	5) 4) 5) 4) 3)
LINGUIS 1 MATH 17A	& Evolution Intro Biology: Biodiversity & the Tree of Life Intro Linguistics	(5) (4)	BIOL 2 & BIOL 3 BIOL 2 & BIOL 3 BIOL 3 BIOL 3 BIOL 3 BIOL 3 BIOL 3 BIOL 3 BIOL 3 BIOL BIOL BIOL BIOL BIOL BIOL BIOL BIOL	General Zoology (General Botany (General Zoology (General Botany (General Botany (Introduction to (Linguistics S: ARTICULATED: College has no course(s) for articulation ARTICULATED: College has no course (s)	5) 4) 5) 4) 3) ot
LINGUIS 1 MATH 17A MATH 17B	& Evolution Intro Biology: Biodiversity & the Tree of Life Intro Linguistics Calculus for BioSci Calculus for Biosci	(5) (4) (4) (4)	BIOL 2 & BIOL 3 BIOL 2 & BIOL 3 BIOL	General Zoology (General Botany (General Zoology (General Botany (General Botany (Introduction to (Linguistics S: ARTICULATED: College has not course(s) for articulation articulation course(s) for articulation course(s) for articulation	5) 4) 5) 4) 3) ot
LINGUIS 1 MATH 17A MATH 17B	& Evolution Intro Biology: Biodiversity & the Tree of Life Intro Linguistics Calculus for BioSci	(5) (4) (4) (4)	BIOL 2 & BIOL 3 BIOL 2 & BIOL 3 BIOL	General Zoology (General Botany (General Zoology (General Zoology (General Botany (Introduction to (Linguistics (S: ARTICULATED: College has not course(s) for articulation ARTICULATED: College has not course(s) for articulation ARTICULATED: College has not course(s) for articulation ARTICULATED: College has not course(s) for articulation ARTICULATED: College has not course(s) for articulation articulation College has not course(s) for articulation articulation College has not course(s) for articulation articulation College has not course(s) for articulation articulation College has not course(s) for articulation articulation College has not course(s) for articulation articulation College has not course(s) for articulation articulation course(s) for articulation articulation course(s) for articulation articulation course(s) for articulation articulation course(s) for articulation articulation articulation course(s) for articulation articulation articulation course(s) for articulation articulation articulation course(s) for articulation articulation articulation course(s) for articulation articulation articulation articulation course(s) for articulation articulation articulation articulation articulation articulation course(s) for articulation articula	5) 4) 5) 4) 3) ot ot
LINGUIS 1 MATH 17A MATH 17B	& Evolution Intro Biology: Biodiversity & the Tree of Life Intro Linguistics Calculus for BioSci Calculus for BioSci Calculus for BioSci	(5) (4) (4) (4)	BIOL 2 & BIOL 3 BIOL 2 & BIOL 3 BIOL	General Zoology (General Botany (General Zoology (General Zoology (General Botany (Introduction to (Linguistics (S: ARTICULATED: College has not course(s) for articulation articulation ARTICULATED: College has not course(s) for articulation ARTICULATED: College has not course(s) for articulation articulation articulation course(s) for articulation course(s) for articulation	5) 4) 5) 4) 3) ot ot
LINGUIS 1 MATH 17A MATH 17B MATH 17C	& Evolution Intro Biology: Biodiversity & the Tree of Life Intro Linguistics Calculus for BioSci Calculus for BioSci Calculus for BioSci OR	(5) (4) (4) (4)	BIOL 2 & BIOL 3 BIOL 2 & BIOL 3 BIOL	General Zoology (General Botany (General Zoology (General Zoology (General Botany (Introduction to (Linguistics (S: ARTICULATED: College has not course(s) for articulation ARTICULATED: College has not course(s) for articulation ARTICULATED: College has not course(s) for articulation COR	5) 4) 5) 4) 3) ot ot
LINGUIS 1 MATH 17A MATH 17B MATH 17C	& Evolution Intro Biology: Biodiversity & the Tree of Life Intro Linguistics Calculus for BioSci Calculus for BioSci Calculus for BioSci OR Calculus	(5) (4) (4) (4)	BIOL 2 & BIOL 3 BIOL 2 & BIOL 3 BIOL	General Zoology (General Botany (General Zoology (General Zoology (General Botany (Introduction to (Linguistics (S: ARTICULATED: College has not course(s) for articulation ARTICULATED: College has not course(s) for articulation ARTICULATED: College has not course(s) for articulation COR	5) 4) 5) 4) 3) ot ot 5)
LINGUIS 1 MATH 17A MATH 17B MATH 17C	& Evolution Intro Biology: Biodiversity & the Tree of Life Intro Linguistics Calculus for BioSci Calculus for BioSci Calculus for BioSci OR Calculus Calculus Calculus	(5) (4) (4) (4) (4) (4) (4)	BIOL 2 & BIOL 3 BIOL 2 & BIOL 3 BIOL	General Zoology (General Botany (General Zoology (General Zoology (General Botany (Introduction to (Linguistics (General Entroduction to (General Entroduction to (General Entroduction to (General Botany (Introduction to (General Entroduction to (General Entroduction to (General Entroduction (General Ent	5) 4) 5) 4) 3) ot ot 5)
LINGUIS 1 MATH 17A MATH 17B MATH 17C MATH 21A MATH 21B MATH 21C	& Evolution Intro Biology: Biodiversity & the Tree of Life Intro Linguistics Calculus for BioSci Calculus for BioSci OR Calculus Calculus Calculus Calculus Calculus Calculus	(5) (4) (4) (4) (4) (4) (4)	BIOL 2 & BIOL 3 BIOL 2 & BIOL 3 BIOL	General Zoology (General Botany (General Zoology (General Botany (General Zoology (General Botany (General Zoology (General Botany (Ge	5) 4) 5) 4) 3) t ot ot 5) 4) 4)

PHILOS 10	OR Intro Cognitive Science	(4)		OR ARTICULATED: College has not course(s)for articulation
PHILOS 13G	Minds, Brains Comp w/Disc	(4)		ARTICULATED:College has not course(s)for articulation
PHYSICS 7A	General Physics	(4)	PHYSC 2A E	General Physics (4) General Physics (4)
PHYSICS 7B	General Physics	(4)	PHYSC 2A	General Physics (4) General Physics (4)
PHYSICS 7C	-	(4)	PHYSC 2A	General Physics (4) General Physics (4)
PHYSICS 9A	OR Classical Physics	(5)	 PHYSC 4A 	OR Principles of Physics: (4) Mechanics
PHYSICS 9B	Classical Physics	(5)	PHYSC 4B	Principles of Physics: (4) Waves, Sound, and Thermodynamics
PHYSICS 9C	Classical Physics	(5)	PHYSC 4C	Principles of Physics: (4) Electricity and Magnetism
PSYCH 1 G	General Psychology	(4)	 PSYCH 1 	Introduction to (3) Psychology
PSYCH 41	Research Methods	(4)	PSYCH 4 	
	Elementary Statistics STATIST 13Y	(4)	MATH 12 OR	Introduction to (4) Probability and Statistics
			<u>OK</u> PSYCH 2 	Statistical Methods for (3) Psychology and Social Science

END OF MAJOR

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

Special Advising Note:

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

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Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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ANTHRO 4	Anthro Linguistics	(4)	ANTHR 4	Linguistics	(3)
			Same	as:	
			OR		
			HUM 4 	Introduction to Linguistics	(3)
			Same	as:	
	OR		İ	OR	
LINGUIS 1	Intro Linguistics	(4)	HUM 4	Introduction to	(3)
	J		j	Linguistics	
			Same	_	
			' 		
COMUNCN 1	Intro Public Spkg	(4)	COM ST	1A Public Speaking	(3)
	OR	,		OR	(- /
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	COM ST	3 Interpersonal	(3)
	1	. ,	İ	Communication	. ,
	OR		İ	OR	
COMUNCN 5	Global English Comm	(4)	NO COURS	SE ARTICULATED:College has r	not
	LINGUIS 5	. ,		ed course(s)for articulation	
	OR		İ	OR	
LINGUIS 5	Global English Comm	(4)	NO COURS	SE ARTICULATED:College has r	not
	COMUNCN 5	. ,		ed course(s)for articulation	
COMUNCN 103	Intro to Communication	(4)	NO COURS	SE ARTICULATED: College has	not
				ed course(s)for articulation	
B) ENG CS	.5 Intro to Computers	(4)	CS 11	Fundamentals of Computer	(3)
	_		j	Science	

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) PHILO 30 Introductory Logic (3)

PSYCH 1	General Psychology	(4)	PSYCH 1 	Introduction to Psychology	(3)
SOCIOL 1	Intro Sociology	(5)	SOCIO 1A 	Introduction to Sociology	(3)
SOCIOL 46B	Intro Social Rsch OR	(5)	NO COMPARA	BLE COURSE OR	
STATIST 13 Same as:	Elementary Statistics STATIST 13Y	(4)	 MATH 12 	Introduction to Probability and Statistics	(4)
			OR PSYCH 2 	Statistical Methods for Psychology and Social Science	(3)

END OF MAJOR

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

====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.

English Composition Requirement for the Bachelor's Degree:

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

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

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

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

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

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

TWO COURSES FROM THE FOLLOWING:

COMUNCN 1 COMPLIT 1	Intro Public Spkg Major Books-Ancient World		
COMPLIT 2	Major Books-Middle Ages to Enlightenment	(4)	NO COMPARABLE COURSE
COMPLIT 3	Major Books-The Modern Crisis	(4)	NO COMPARABLE COURSE
COMPLIT 4	Maj Books:Cont Wrld	(4)	NO COMPARABLE COURSE
ENGLISH 3	Intro to Lit	(4)	ENG 1B Written Communications (3) II: A Critical Introduction to Literature
N A STD 5	Intro NA Literature	(4)	NO COMPARABLE COURSE
UWRITING 1	Expository Writing	(4)	ENG 1A Reading and Composition (3)
	Style in the Essay UWRITING 18	(4)	NO COMPARABLE COURSE
UWRITING 49 Formerly UW	Writing Research Papers RITING 19	(4)	ENG 1D Advanced Composition and (3) Critical Thinking

(4) NO COURSE ARTICULATED: College has not

CM&RGDE 2	Ethnicity Amer Comm	submitted course(s) for articulation (4) SOCIO 33 Social Inequality in (3) the United States
PL SCI 21	Computers in Technology OR	(3) NO COMPARABLE COURSE OR
B) ENG CS 15	Intro to Computers	(4) CS 11 Fundamentals of Computer (3)

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

ECON 1A	Princ of Microecon	(4)	ECON 1B 	Principles of Microeconomics	(3)
	OR			OR	
ECON 1B	Princ of Macroecon	(4)	ECON 1A	Principles of Macroeconomics	(3)
ANTHRO 2	Cultural Anthropology OR	(5)	 ANTHR 1 	Cultural Anthropology OR	(3)
SOCIOL 1	Intro Sociology	(5)	SOCIO 1A 	Introduction to Sociology	(3)
STATIST 13 Same as	Elementary Statistics : STATIST 13Y	(4)	 MATH 12 	Introduction to Probability and Statistics	(4)
			OR		
			PSYCH 2	Statistical Methods for Psychology and Social Science	(3)
	OR			OR	
STATIST 32	Gateway to Data Science OR	(4)	NO COMPARA	ABLE COURSE OR	
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARA	ABLE 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.

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

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

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

College Foreign Language Requirement Note:

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 $\underline{\text{General Catalog}}$. 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)	NO	COMPARABLE	COURSE	
		OR	j			OR	
		*	!			_	
COMPLIT	2	Major Books-Middle Ages to Enlightenment	(4)	NO	COMPARABLE	COURSE	
COMPLIT	2	Major Books-The Modern	 (NTO	COMDADADIE	COUDER	
COMPLII	3	Major books-ine Modern	(4)	MO	COMPARABLE	COOKSE	
		Crisis					
		OR	ĺ			OR	
COMPLIT	4	Maj Books:Cont Wrld	(4)	NO	COMPARABLE	COURSE	
	-	ila, boolib come with	\ - /	0		CCCICDL	

TWO COURSES FROM THE FOLLOWING:

(CANNOT INCLUDE THE TWO REQUIRED COURSES TAKEN FROM THE COMPARATIVE LITERATURE 1-4 SERIES ABOVE):

COMPLIT	1	Major Books-Ancient World	(4)	NO	COMPARABLE	COURSE			
COMPLIT	2	Major Books-Middle Ages to Enlightenment	(4)	NO	COMPARABLE	COURSE			
COMPLIT	3	Major Books-The Modern Crisis	(4)	NO	COMPARABLE	COURSE			
COMPLIT	4	Maj Books:Cont Wrld	(4)	NO	COMPARABLE	COURSE			
COMPLIT	5	Fairy Tales, Fables,	(4)	NO	COMPARABLE	COURSE			
		Parables							
COMPLIT	6	Myths & Legends	(4)	NO	COMPARABLE	COURSE			
COMPLIT	7	Lit:Fant,Supernatl	(4)	NO	COMPARABLE	COURSE			
COMPLIT	8	Utopias Transform	(4)	NO	COMPARABLE	COURSE			
COMPLIT	9	Short Story & Novella	(4)	NO	COMPARABLE	COURSE			
COMPLIT	11	Travel and Modern World	(4)	NO	COURSE ARTI	CULATED:	College	has	not

Same	as:	GERMAN 11		submitted course(s)for articulation
COMPLIT	12	Intro Women Writers	(4)	NO COMPARABLE COURSE
COMPLIT	13	Dramatic Lit	(3)	NO COMPARABLE COURSE
COMPLIT	14	Intro Poetry	(3)	NO COMPARABLE COURSE
COMPLIT	20	Humans & Natural World	(4)	NO COMPARABLE COURSE
COMPLIT	24	Animals in Literature	(4)	NO COURSE ARTICULATED: College has not
				submitted course(s)for articulation
COMPLIT	25	Ethnic Writers	(4)	NO COMPARABLE COURSE
COMPLIT	53A	Lit of East Asia	(4)	NO COMPARABLE COURSE
COMPLIT	53B	Lit of South Asia	(4)	NO COMPARABLE COURSE
COMPLIT	53C	Lit of the Islamic	(4)	NO COURSE ARTICULATED: College has not
		World		submitted course(s) for articulation

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

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

END OF MAJOR

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

Special Advising Note:

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

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

END OF MAJOR

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

Special Advising Note:

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

from year to year.

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

Special Advising Note:

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

END OF MAJOR

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

Special Advising Note:

REQUIREMENTS FOR ADMISSION:

(for 2018-19)

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

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

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

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

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

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

Special Advising Note:

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

MATH 21A	Calculus	(4)	MATI	н 1	Calculus I	(5)
MATH 21B	Calculus	(4)	MATE	H 2	Calculus II	(4)
MATH 21C	Calculus	(4)	MATI	н 3	Vector Calculus	(4)
MATH 22A	Linear Algebra OR	(3)	MATI	Н 5	Linear Algebra OR	(3)
MATH 67	Modern Linear Algebra	(4)	!		ARTICULATED: College has course(s) for articulati	
ENG CS 20	C Sci/Discrete Math	(4)	CS !		Discrete Structures for Computer Science	(3)
ENG CS 36A	Programming	(4)	CSP	26A	JAVA Programming	(3)
	y ENG CS 30	, ,	i d	OR	5 5	, ,
					C++ Programming I	(3)
	Object-Oriented Program y ENG CS 40	(4)	CSP	31B	C++ Programming II	(3)
	Data Structures Y ENG CS 60	(4)	CSP	26B	Data Structures with Java	(3)
ENG CS 50	Machine Dependent Prog	(4)	CSP	25	Assembly Language Programming	(3)

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

	THREE OF THE FOLLOWING COURSES:				
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1 Core Biology (4)	
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 2 & General Zoology (4) 5)	
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree	(5)	BIOL 2 & General Zoology ((4) (5) (4)	
	of Life Genl Chemistry Genl Chemistry	(5) (5)	CHEM 1A & General Chemistry (5) 5) 5)	
CHEM 2C CHEM 2AH CHEM 2BH	Genl Chemistry Honors Genl Chemistry Honors Genl Chemistry	(5) (5) (5)	:	5)	
CHEM 2CH PHYSICS 9A	Honors Genl Chemistry Classical Physics	(5) (5)	NO COMPARABLE COURSE PHYSC 4A Principles of Physics: (Mechanics	4)	
PHYSICS 9B	Classical Physics	(5)	PHYSC 4B Principles of Physics: (Waves, Sound, and Thermodynamics	4)	
PHYSICS 9C	Classical Physics	(5)	PHYSC 4C Principles of Physics: (Electricity and	4)	

END OF MAJOR

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

Magnetism

Special Advising Note:

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

DESIGN	1	Intro to Design	(4)	NO COMPARABLE COURSE
DESIGN	14	Design Drawing OR	(4)	NO COMPARABLE COURSE OR
DESIGN	21	Drafting and Perspective	(4)	NO COMPARABLE COURSE
DESIGN	15	Form & Color AND	(4)	ART 6 Color and Design (3)
DESIGN	16	Graphics & The Computer	(4)	NO COMPARABLE COURSE
DESIGN	40A	Energy, Materials, Design OR	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation OR
DESIGN	40B	Ideologies of Design	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
		OR		OR
DESIGN	40C	Design Aesthetics/Exper	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

TWO COURSES FROM THE FOLLOWING:

Note: Course	s listed twice may be used	d on	ly once for major preparation
ART 12 Be	ginning Video	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
DESIGN 40A	Energy, Materials,	(4)	NO COURSE ARTICULATED: College has not
	Design		submitted course(s) for articulation
DESIGN 40B	Ideologies of Design	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
DESIGN 40C	Design Aesthetics/Exper	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s)for articulation
DESIGN 50	Intro to 3-D Design	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
DESIGN 70	Intro Textile Structure	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
DESIGN 77	Intro to Fashion Design	(4)	NO COMPARABLE COURSE
UWRITING 11	Pop Sci & Technol	(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)	NO COMPARABLE COURSE
Formerly	UWRITING 18		
	OR		OR

Critical Thinking

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

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

ONE COURSE FROM THE FOLLOWING:

ARTHI 1D Arts of Asia (4) NO COMPARABLE COURSE CHINESE 7 Chinese Business Culture (4) NO COURSE ARTICULATED: College has not |submitted course(s)for articulation

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

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

x) CHINESE 1	Elem Chinese	(5) CHIN 1	Elementary Chinese	(5)
x) CHINESE 2	Elem Chinese	(5) CHIN 1 <u>&</u>	Elementary Chinese	(5)
		CHIN 2	Elementary Chinese	(5)
	OR		OR	
y) JPNESE 1	Elem Japanese	(5) JAPAN 1	Elementary Japanese	(5)
y) JPNESE 2	Elem Japanese	(5) JAPAN 1	& Elementary Japanese	(5)
		JAPAN 2	Elementary Japanese	(5)

END OF MAJOR

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

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

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

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

					CHEM	1B	(General (Chemistry	(5)
PHYSICS	1A	Principl	es Physics	(3)	NO COI	MPA	RAB:	LE COURS	Ε	
PHYSICS	1B	Principl	es Physics	(3)	NO CO	MPA	RAB:	LE COURS	E	
		OR						OI	R	
PHYSICS	7A	General	Physics	(4)	PHYSC	2A	&	General	Physics	(4)
					PHYSC	2В	_	General	Physics	(4)
PHYSICS	7B	General	Physics	(4)	PHYSC	2A	&	General	Physics	(4)
					PHYSC	2В	_	General	Physics	(4)
PHYSICS	7C	General	Physics	(4)	PHYSC	2A	<u>&</u>	General	Physics	(4)
					PHYSC	2B	_	General	Physics	(4)

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

MATH 16A	Short Calculus	(3)	MATH 13	Survey of Calculus	(4)
			OR		
			MATH 1	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 2	Calculus II	(4)
	OR		j	OR	
MATH 17A	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has	not
			submitted	course(s) for articulati	.on
MATH 17B	Calculus for Biosci	(4)	NO COURSE	ARTICULATED: College has	not
			submitted	course(s) for articulati	on
	OR			OR	
MATH 21A	Calculus	(4)	MATH 1	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 2	Calculus II	(4)
ENV S&P 1	Env Analysis	(4)	NO COURSE	ARTICULATED: College has	not
			submitted	<pre>course(s) for articulati</pre>	on

PREPARATION FOR GRADUATION:

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

END OF MAJOR

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

Special Advising Note:

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

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

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

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

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

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

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

-Statistics 13

Transfer Admission Guarantee (TAG) Note:

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

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

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

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College Foreign Language Requirement Note:

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

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

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

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

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

	Elementary Statistics STATIST 13Y	s (4)	MATH 12 	Introduction to Probability and Statistics	(4)	
	OR		OR PSYCH 2 	Statistical Methods f Psychology and Social Science OR	, ,	
STATIST 32	Gateway to Data Science	e (4)	NO COMPAR	RABLE COURSE		
MATH 16A	Short Calculus	(3)	 MATH 13 OR	Survey of Calculus	(4)	
				Calculus I	(5)	
MATH 16B	Short Calculus OR	(3)	MATH 2	Calculus II OR	(4)	
MATH 21A	Calculus	(4)	MATH 1	Calculus I	(5)	
MATH 21B	Calculus	(4)	MATH 2	Calculus II	(4)	
STUDENTS CONSIDERING GRADUATE STUDY IN ECONOMICS ARE STRONGLY URGED TO TAKE MATHEMATICS 21A/B/C AND 22A						
MATH 21C	Calculus	(4)	MATH 3	Vector Calculus	(4)	
MATH 22A END OF MAJO	Linear Algebra OR		!	Linear Algebra	(3)	

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

Special Advising Note:

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

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

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

Advanced Discount (AD) and International Descriptions (ID) Eveningtica 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.

ENGLISH 3	Intro to Lit OR	(4)	ENG 	1B	Written Communications II: A Critical Introduction to Literature OR	(3)
UWRITING 1	Expository Writing	(4)	ENG	1A 	Reading and Composition	(3)
ENGLISH 10A	Literatures in English I: To 1700	(4)	ENG 	46A	Survey of British Literature I	(3)
ENGLISH 10B	Literatures in English II: 1700-1900	(4)	į		Survey of American Literature	(3)
			(OR		
			ENG	46B	Survey of British Literature II	(3)
ENGLISH 10C	Literatures in English III: 1900 to Present	(4)	ENG	42B	Survey of American Literature	(3)

ENGLISH 40		NO COURSE ARTICULATED: College has not
		submitted course(s) for articulation
ENGLISH 41		NO COURSE ARTICULATED: College has not
	Media	submitted course(s)for articulation
ENGLISH 43	Intro Topics in Drama (4) 1	NO COURSE ARTICULATED: College has not
	2	submitted course(s) for articulation
ENGLISH 44	Intro Topics in Fiction (4) 1	NO COMPARABLE COURSE
ENGLISH 45	Intro Topics in Poetry (4) 1	NO COMPARABLE COURSE

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 $\underline{\text{General Catalog}}$. 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 1 Core Biology (4)
BIOLSCI 2B		(5)	 BIOL 1 & Core Biology (4)
	& Evolution	(-)	BIOL 2 & General Zoology (5)
	a 2.01461611		BIOL 3 General Botany (4)
BIOLSCI 2C	Intro Biology:	(5)	BIOL 2 & General Zoology (5)
	Biodiversity & the Tree		BIOL 3 General Botany (4)
	of Life		,
CHEM 2A	Genl Chemistry	(5)	CHEM 1A General Chemistry (5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A & General Chemistry (5)
			CHEM 1B General Chemistry (5)
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE
	OR		OR
			CHEM 12A Organic Chemistry (5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 12A $\underline{\&}$ Organic Chemistry (5)
			CHEM 12B Organic Chemistry (5)
MATH 16A	Short Calculus	(3)	MATH 13 Survey of Calculus (4)
			OR OR
			MATH 1 Calculus I (5)
MATH 16B	Short Calculus		MATH 2 Calculus II (4)
MATH 16C	Short Calculus	(3)	MATH 2 Calculus II (4)
	OR		OR
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not
		(4)	submitted course(s) for articulation
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not
	O.D.		submitted course(s) for articulation
	OR		OR

MATH 21A MATH 21B MATH 21C		(4)	MATH 2	Calculus I Calculus II Vector Calculus	(5) (4) (4)
	Principles Physics Principles Physics		!	ABLE COURSE ABLE COURSE	
	Elementary Statistics STATIST 13Y	(4)	MATH 12 OR	Introduction to Probability and Statistics	(4)
			OA PSYCH 2 	Statistical Methods for Psychology and Social Science	(3)
	OR			OR	
STATIST 32	Gateway to Data Science OR	(4)	NO COMPAR <i>I</i> 	ABLE COURSE OR	
PL SCI 21	Computers in Technology	(3)	NO COMPARA	ABLE 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 <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.

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 6	Intro Environ Plants	(4)	HORT 2 Plant Materials and (Usage - Fall	3)
			OR HORT 3 Plant Materials and (Usage - Spring	3)
LND ARC 30	History Environ Design	(4)	NO COURSE ARTICULATED: College has n submitted course(s) for articulation	
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1 Core Biology (4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 2 & General Zoology (4) 5) 4)
PL SCI 2	Bot Physio Cul Plt	(4)	:	3)
	Genl Chemistry Genl Chemistry	(5) (5)	CHEM 1A General Chemistry (CHEM 1A & General Chemistry (CHEM 1B General Chemistry (5)
ENV S&P 1	Env Analysis OR	(4)	NO COURSE ARTICULATED: College has n submitted course(s) for articulation OR	
	Environment		N R 2 Environmental Science (3)
	OR		ents who have completed ENV S&P 1 OR	
	Global Ecosystem ENV SC&M 30		NO COURSE ARTICULATED: College has n submitted course(s) for articulation	
	Principles Physics Principles Physics			
	Computers in Technology	(3)		
матн 16а	Short Calculus	(3)	OR	4)
	OR		OR	5)
	Elementary Statistics STATIST 13Y	(4)	Probability and Statistics	4)
			OR PSYCH 2 Statistical Methods for (Psychology and Social Science	3)
division	e lower division resource social science/humanities ltation with advisor		nce course and one lower se for a minimum of six quarter units	.
	URBAN LANDSCAPE		.	. — —
SCI&SOC 18	GIS & Society	(3)	NO COURSE ARTICULATED: College has n submitted course(s) for articulation	
	RECOMME	NDED	COURSES:	
COMINION 1			COM ST 1A Public Speaking (

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

ASSIST for more information about UC Davis GE.

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

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

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

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

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COMUNCN	1	Intro Public Spkg OR	(4)	COM ST 1A Public Speaking (3)
COMUNCN	3	Intprsnl Com Cmpetnce OR	(4)	COM ST 3 Interpersonal (3) Communication OR
DRAMART	10	Intro To Acting	(4)	1
BIOLSCI	2A	Intro Biology:Life on Earth	(5)	
RTOLCCT	1 0	OR Fyeryday Riology	(4)	OR BIOL 10 Survey of Biology (4)
		everyday biology		
CHEM 2A		Genl Chemistry OR		CHEM 1A General Chemistry (5) OR
CHEM 10		Concept of Chem	(4)	CHEM 10 Exploring Everyday (3) Chemistry
PHYSICS	1A	Principles Physics	(3)	NO COMPARABLE COURSE
BIOLSCI	2В	Intro Biology: Ecology	(5)	·
		& Evolution		BIOL 2 & General Zoology (5)
		OR		BIOL 3 General Botany (4)
CHEM 2B		Genl Chemistry	(5)	CHEM 1A & General Chemistry (5)
				CHEM 1B General Chemistry (5)
PHYSICS	1в	OR Principles Physics	(3)	OR NO COMPARABLE COURSE
		ONE COURSE FR	OM T	HE FOLLOWING:
PL SCI 2	21	Computers in Technology OR .	(3)	NO COMPARABLE COURSE OR

PL SCI ZI	computers in recumorogy	(3)	INO CO	JMPARA	ABLE COURSE	
	OR				OR	
SCI&SOC 18	GIS & Society	(3)	NO CO	OURSE	ARTICULATED: College	has not
			submi	itted	course(s) for articu	lation
ECON 1A	Princ of Microecon	(4)	ECON	1B	Principles of	(3)
			İ		Microeconomics	
ECON 1B	Princ of Macroecon	(4)	ECON	1A	Principles of	(3)
					Macroeconomics	

AN SCI 1	Domest Ani & People	(4)	AH SC 10	Principles of Animal (3) Science
ATM SCI 60	Intro to Atmospheric Science	(4)	NO COMPARA	ABLE COURSE
PL SCI 12	1 The Earth Plants and Society SCI&SOC 12 ANT BIO 12		NO COURSE	Physical Geology w/Lab (4) ARTICULATED: College has not course(s) for articulation
W&F BIO 51	Intro to Conservation Biology	(3)		ARTICULATED: College has not course(s) for articulation
ENV S&P 1	Env Analysis	(4)		ARTICULATED: College has not course(s) for articulation
матн 16а	Short Calculus	(3)	MATH 13 <u>OR</u>	Survey of Calculus (4)
MATH 16B	Short Calculus OR	(3)	!	Calculus I (5) Calculus II (4) OR
MATH 17A	Calculus for BioSci		submitted	ARTICULATED: College has not course(s) for articulation
MATH 17B	Calculus for Biosci OR	(4)	!	ARTICULATED: College has not course(s) for articulation OR
MATH 21A	Calculus	(4)	 MATH 1	Calculus I (5)
MATH 21B	Calculus	(4)	MAIH Z	Calculus II (4)
POL SCI 1	Amer Natl Govt	(4)	POLSC 1 	American Government and (3) Institutions
	Elementary Statistics STATIST 13Y	(4)	 	Introduction to (4) Probability and Statistics
			<u>OR</u> PSYCH 2 	Psychology and Social Science
STATIST 32	OR Gateway to Data Science	(4)	 NO COMPARA	OR Able course
	CT.TMATE	CHA	NGE POLICY	
SCI&SOC 25			NO COURSE	ARTICULATED: College has not course(s) for articulation

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t) If a student takes GEOL 1A at San Joaquin Delta College, credit will be given for UC Davis's GEOLOGY 1 or 50+50L, not both.

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

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

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

strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

avallable from ou	r lag website.		
COMUNCN 1 Intr	o Public Spkg OR	(4)	COM ST 1A Public Speaking (3)
COMUNCN 3 Intp	rsnl Com Cmpetnce	(4)	COM ST 3 Interpersonal (3) Communication
DRAMART 10 Int	OR ro To Acting	(4)	OR NO COMPARABLE COURSE
BIOLSCI 2A Int Ear		(5)	BIOL 1 Core Biology (4)
BIOLSCI 2B Int		(5)	BIOL 1 & Core Biology (4) BIOL 2 & General Zoology (5)
Bio			BIOL 3 General Botany (4) BIOL 2 & General Zoology (5) BIOL 3 General Botany (4)
CHEM 2A Genl C CHEM 2B Genl C	hemistry hemistry	(5) (5)	CHEM 1A General Chemistry (5) CHEM 1A & General Chemistry (5) CHEM 1B General Chemistry (5)
	OR s Genl Chemistry	(5)	OR NO COMPARABLE COURSE NO COMPARABLE COURSE
t) GEOLOGY 1 T	he Earth OR	(4)	GEOL 1A Physical Geology w/Lab (4)
e) GEOLOGY 50 t)	Physical Geology	(3)	GEOL 1A Physical Geology w/Lab (4)
	nciples Physics nciples Physics OR		NO COMPARABLE COURSE NO COMPARABLE COURSE OR
PHYSICS 7A Gen	eral Physics	(4)	PHYSC 2A & General Physics (4)
PHYSICS 7B Gen	eral Physics	(4)	PHYSC 2B General Physics (4) PHYSC 2A & General Physics (4) PHYSC 2B General Physics (4)
PHYSICS 7C Gen	eral Physics	(4)	PHYSC 2B General Physics (4) PHYSC 2A & General Physics (4) PHYSC 2B General Physics (4)
their community c series before tra series may be req Davis, and will n physics.	ollege that is equivants of the state of the state and to take additional to meet with a UC	alen who onal C Da	mplete an entire physics series at 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 1B Principles of (3) Microeconomics
MATH 16A Short	Calculus		MATH 13 Survey of Calculus (4) OR
MATH 16B Short	Calculus OR	(3)	MATH 1 Calculus I (5) MATH 2 Calculus II (4) OR
MATH 17A Calcu	lus for BioSci	(4)	OR NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 17B Calcu	lus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

OR

OR

MATH 21A MATH 21B		(4)	MATH 2	Calculus II	(5) (4)		
	Env Analysis		NO COURSE submitted		not		
	RECOMMENDED COU	RSES					
	Genl Chemistry OR Honors Genl Chemistry			OR	(5)		
	PREPARATION	FOR	GRADUATIO	<u> </u>			
	Elementary Statistics STATIST 13Y	(4)	MATH 12 	Introduction to Probability and Statistics	(4)		
			<u>OR</u> PSYCH 2 	Statistical Methods for Psychology and Social Science	(3)		
	ECOLOGY, BIODIVERSITY,	AND	CONSERVAT	ION TRACK:			
ATM SCI 60	Intro to Atmospheric Science	(4)	NO COMPARA	ABLE COURSE			
CLIMATE CHANGE AND AIR QUALITY TRACK:							
ATM SCI 60	Intro to Atmospheric Science	(4)	NO COMPARA 	ABLE COURSE			
	Watedgued		ENCE TRACK	·			
	Water, Power, Society SCI&SOC 10	(3)		ARTICULATED: College has course(s) for articulation			
GEOLOGY 35	Rivers	(3)	NO COURSE	ARTICULATED: College has	not		
LND ARC 60	Landform Grading Studio		NO COURSE submitted	course(s) for articulation ARTICULATED: College has course(s) for articulation	not on		
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- t) If a student takes GEOL 1A at San Joaquin Delta College, credit will be given for UC Davis's GEOLOGY 1 or 50+50L, not both.
- e) This course is not strictly comparable with UC Davis courses but will fulfill the introductory physical geology requirement for the geology major at UC Davis.

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

^{*}Students majoring in Sustainable Agriculture and Food Systems who plan to

fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

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

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

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BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1 Core Biology 	(4)
BIOLSCI 2B	Intro Biology: Ecology	(5)	BIOL 1 & Core Biology	(4)
	& Evolution	(-)	•	(5)
	d Hvoldelon		·	(4)
DIOLGGI 2G	Tratana Dialamat	/ F \	·	
BIOLSCI 2C	31			(5)
	Biodiversity & the Tree		BIOL 3 General Botany	(4)
	of Life			
CHEM 2A	Genl Chemistry	(5)	CHEM 1A General Chemistry	(5)
	Genl Chemistry			(5)
CIIDN 2D	delli ellemibery	() /		(5)
CITEM OC	Caral Chamiatan	/ F \		
CHEM 2C	Genl Chemistry	(5)		(5)
	OR		OR	
CHEM 2AH	Honors Genl Chemistry		NO COMPARABLE COURSE	
CHEM 2BH	Honors Genl Chemistry		NO COMPARABLE COURSE	
CHEM 2CH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 12A Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci		-	
CHEM IIOB	org chem, Arch & Scr	(4)		(5)
				(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 12B Organic Chemistry	(5)
	OR		OR	
CHEM 128A	Organic Chemistry	(3)	CHEM 12A Organic Chemistry	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 12A & Organic Chemistry	(5)
			•	(5)
CHEM 128C	Organic Chemistry	(3)		(5)
CHEM 129A	Organic Chem Lab			(5)
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has	not
			submitted course(s) for articulatio	n
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has	not
			submitted course(s) for articulatio	
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has	
1111111 170	carcarab for brober	(- /	submitted course(s) for articulatio	
	OR		OR	11
MATH 21A	Calculus	(4)	MATH 1 Calculus I	(5)
MATH 21B	Calculus		MATH 2 Calculus II	(4)
MATH 21B	Calculus			
MAIH ZIC	calculus	(4)	MATH 3 Vector Calculus	(4)
PHYSICS 7A	General Physics	(4)	PHYSC 2A & General Physics	(4)
	4	. ,	PHYSC 2B General Physics	(4)
PHYSICS 7B	General Physics	(A)	PHYSC 2A & General Physics	(4)
INIDICO /B	Concrat thysics	(=)	:	
DIIVOTAA 7A	Conomol Dh	(1)		(4)
PHYSICS 7C	General Physics	(4)	PHYSC 2A & General Physics	(4)
			•	(4)
it ia biabl	is recommended that atudents	7 707	moloto an ontiro physics sorios at	

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

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

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5) BIOL 1 Core Biology	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5) BIOL 1 & Core Biology BIOL 2 & General Zoology BIOL 3 General Botany	(4) (5) (4)
BIOLSCI 20	Intro Biology: Biodiversity & the Tree of Life	(5) BIOL 2 & General Zoology	(5)
CHEM 2A CHEM 2B	Genl Chemistry Genl Chemistry	(5) CHEM 1A General Chemistry (5) CHEM 1A & General Chemistry CHEM 1B General Chemistry	(5) (5) (5)
CHEM 8A CHEM 8B	Organic Chem-Brief Organic Chem-Brief	(2) NO COMPARABLE COURSE (4) NO COMPARABLE COURSE	
MATH 17A	Calculus for BioSci	(4) NO COURSE ARTICULATED: College h	

MATH 17B	Calculus for	Biosci	(4)		ARTICULATED: College has course(s) for articulat	
	OR				OR	01011
MATH 21A	Calculus		(4)	MATH 1	Calculus I	(5)
MATH 21B	Calculus		(4)	MATH 2	Calculus II	(4)
PHYSICS 1A	Principles	Physics	(3)	NO COMPARA	ABLE COURSE	
PHYSICS 1B	Principles	Physics	(3)	NO COMPARA	ABLE COURSE	
		RE	COMME	NDED:		
MATH 17C	Calculus for	BioSci	(4)	!	ARTICULATED: College ha	
				submitted	course(s) for articulat	cion
	OR				OR	
MATH 21C	Calculus		(4)	MATH 3	Vector Calculus	(4)

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====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 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:

BIOLS	CI 2A	<pre>Intro Biology:Life on (5) Earth</pre>	BIOL 1 Core Biology (4)
BIOLS	CI 2B	Intro Biology: Ecology (5)	BIOL 1 & Core Biology (4)
		& Evolution	BIOL 2 & General Zoology (5)
		į	BIOL 3 General Botany (4)
BIOLS	CI 2C	Intro Biology: (5)	BIOL 2 & General Zoology (5)
		Biodiversity & the Tree	BIOL 3 General Botany (4)
		of Life	
CHEM	2A	Genl Chemistry (5)	CHEM 1A General Chemistry (5)
CHEM	2В	- !	CHEM 1A & General Chemistry (5)
		į	CHEM 1B General Chemistry (5)
CHEM	2C	Genl Chemistry (5)	CHEM 1B General Chemistry (5)
CHEM	8A	Organic Chem-Brief (2)	NO COMPARABLE COURSE
CHEM	8B		NO COMPARABLE COURSE
		OR	OR
CHEM	118A	Org Chem, Hlth & Sci (4)	CHEM 12A Organic Chemistry (5)
CHEM	118B	Org Chem, Hlth & Sci (4)	CHEM 12A & Organic Chemistry (5)
			CHEM 12B Organic Chemistry (5)
CHEM	118C	Org Chem, Hlth & Sci (4)	CHEM 12B Organic Chemistry (5)
MATH	17A	Calculus for BioSci (4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

MATH 17B	Calculus for Biosci		NO COURSE ARTICULATED: College h submitted course(s) for articula	ation
MATH 17C	Calculus for BioSci OR	(4)	NO COURSE ARTICULATED: College h submitted course(s) for articula OR	
MATH 21A MATH 21B	Calculus		MATH 1 Calculus I MATH 2 Calculus II	(5) (4)
PHYSICS 7A	General Physics	(4)	PHYSC 2A & General Physics PHYSC 2B General Physics	(4) (4)
PHYSICS 7B	General Physics	(4)	PHYSC 2A & General Physics PHYSC 2B General Physics	(4) (4)
PHYSICS 7C	General Physics	(4)	PHYSC 2A & General Physics PHYSC 2B General Physics	(4)
series befo	ore transferring. Studen be required to take add	nts who litional	to the entire UC Davis Physics transfer without completing an erphysics courses upon arrival at is advisor before continuing with	ntire UC
MATH 21C		RECOMME	IDED: MATH 3 Vector Calculus	(4)
END OF MAJO	DR			
The undergrand Enviror	mental Sciences is susp a available. The minor	Polymer ended fo in Fibe	Science in the College of Agricu or 2018 and 2019 applicants, and and Polymer Science remains ava	TAGs ailable
The undergrand Enviror 2017 TAGs vremain avai	Genl Chemistry raduate major Fiber and mental Sciences has bee vill not be available. Llable to these applican	(5) Polymer n suspen The minuts. Fal	CHEM 1A General Chemistry Science in the College of Agriculated for fall 2017 applicants, and in Fiber and Polymer Science vo. 2017 applicants are encouraged Textile Science option.	ultural nd fall vill
CHEM 2B	Genl Chemistry		CHEM 1A <u>&</u> General Chemistry	
	Genl Chemistry	(5)	CHEM 1B General Chemistry CHEM 1B General Chemistry	(5)
			CS 11 Fundamentals of Compute Science	
	OR		OR	
	Programming ENG CS 30	(4)	CSP 26A JAVA Programming OR	
may not	t be identical to UC Dav cansfer to UC Davis, may	is cour	CSP 31A C++ Programming I e's computer science courses ses. Community college students, o make up any topic or language	
N/ N (T) (T) (1 / 2	Short Calculus	(2)	MATH 13 Survey of Calculus	(4)

MATH 16B Short Calculus

| OR | MATH 1 Calculus I | Calculus II

(5) (4)

MATH 16C	Short Calculus	(3)	MATH 2	C	alculus II	(4)
	OR	,			OR	. ,
MATH 21A	Calculus	(4)	MATH 1	C	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 2	C	Calculus II	(4)
MATH 21C	Calculus	(4)	MATH 3	V	ector Calculus	(4)
PHYSICS 7A	General Physics	(4)	•		General Physics	(4)
DIEVATAA 7D	Company 1 Dhanni an	(1)	PHYSC 2		General Physics General Physics	(4)
PHYSICS 7B	General Physics	(4)	•			(4)
PHYSICS 7C	General Physics	(1)			General Physics General Physics	(4)
PHISICS /C	General Physics	(4)	PHYSC 2			(4)
Tt is highl	ly recommended that student	a aor			-	(4)
	unity college that is equiv					/B/C
	ore transferring. Students					
	be required to take additi					
	will need to meet with a U					
physics.	1200 00 meet with a 0	J Da	~ ~ ~ ~ ~ .	~	concinating with	
	OR				OR	
PHYSICS 9A	* = ·	(5)	PHYSC 4	łΑ	Principles of Physics:	(4)
	<u>, , , , , , , , , , , , , , , , , , , </u>	/			Mechanics	. ,
PHYSICS 9B	Classical Physics	(5)	PHYSC 4	łВ	Principles of Physics:	(4)
	-		j		Waves, Sound, and	•
			j		Thermodynamics	
PHYSICS 9C	Classical Physics	(5)	PHYSC 4	łC	Principles of Physics:	(4)
	-		İ		Electricity and	
			j		Magnetism	
STATIST 13	Elementary Statistics	(4)	MATH 12	2	Introduction to	(4)
Same as:	STATIST 13Y				Probability and	
					Statistics	
			OR			
			PSYCH 2		Statistical Methods for	(3)
					Psychology and Social	
					Science	
TEX&CL 6	Intro Textiles	(1)	 FASHIO	 т б	Textiles	(3)
IEA&CL 0	INCIO TEXCITES	(+)		as:		(3)
				. as.		
TEX&CL 8	Textile Apparel Ind	(4)	NO COM	PARAE	BLE COURSE	
	OR		İ		OR	
		(4)	l === 0 = 1	_		(4)
ENGIN 45	Prop of Mats	(4)	ENGR 4	<u></u>	ingineering Materials	(4)
						_
	PREPARATION	FOR	GRADUA'	:NOI		
				_		
	Organic Chemistry					
CHEM 128B	Organic Chemistry	(3)	CHEM 12	2Α <u>&</u>	Organic Chemistry	(5)
a		, - :	CHEM 12	2B		(5)
CHEM 128C	Organic Chemistry Organic Chem Lab	(3)	CHEM 12	ZB	Organic Chemistry	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 12	2A	Organic Chemistry	(5)
CHEM 129B	Organic Chem Lab	(2)	CHEM 12	<u>&</u> AS	Organic Chemistry	(5)
			•		Organic Chemistry	
	₽₹₽₽₽	'TVF' (COURSES	•		
FCON 17					Dringiples of	(3)
ECON IA	Princ of Microecon	(4)	 ₽CON II	ر	Migroegonomics	(3)
FC∩N 1D	Dring of Magroegon	(<u>/</u>	 FCONT 17	Δ	Dringiples of	(3)
ECON TR	Princ of Macroecon	(4)	I TCON IA	7	Macroeconomics	(3)
	Linear Algebra					(3)
226		() /	1			() /

MATH 22B	Differntl Equations	(3) MATH 4	Differential Equations	(4)
PL SCI 21	Computers in Technology	(3) NO COMPAI	RABLE COURSE	

END OF MAJOR

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

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

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is https://doi.org/10.1001/journal.com/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:

	220 001 1110 002 100.			
COMUNCN 1	Intro Public Spkg	(4)	COM ST 1A Public Speaking (3	3)
MATH 16A	Short Calculus	(3)	MATH 13 Survey of Calculus (4	1)
			MATH 1 Calculus I (5	5)
MATH 16B			MATH 2 Calculus II (4	1)
MATH 16C	Short Calculus	(3)	MATH 2 Calculus II (4	1)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1 Core Biology (4	1)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A General Chemistry (5	5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A & General Chemistry (5	5)
			CHEM 1B General Chemistry (5	
CHEM 2C	Genl Chemistry	(5)	CHEM 1B General Chemistry (5	5)
CHEM 8A	Organic Chem-Brief AND	(2)	NO COMPARABLE COURSE AND	
CHEM 8B	Organic Chem-Brief OR	(4)	NO COMPARABLE COURSE OR	
CHEM 118A	Org Chem, Hlth & Sci AND	(4)	CHEM 12A Organic Chemistry (5	5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 12A & Organic Chemistry (5	5)
			CHEM 12B Organic Chemistry (5	5)
	OR		OR	
CHEM 128A	Organic Chemistry AND	(3)	CHEM 12A Organic Chemistry (5	5)
CHEM 128B	Organic Chemistry	(3)	CHEM 12A & Organic Chemistry (5	5)
			CHEM 12B Organic Chemistry (5	5)
	AND		AND	
CHEM 129A	Organic Chem Lab	(2)	CHEM 12A Organic Chemistry (5	5)
PHYSICS 7A	General Physics	(4)	PHYSC 2A & General Physics (4	1)

			PHYSC	2B	General Pl	hysics	(4)
PHYSICS 7B	General Physics	(4)	PHYSC	2A &	General Pl	hysics	(4)
			PHYSC	2B _	General Pl	hysics	(4)
PHYSICS 7C	General Physics	(4)	PHYSC	2A &	General Pl	hysics	(4)
			PHYSC	2B _	General Pl	hysics	(4)
PHYSC 2B 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.							
FD S&T 50	Intro Food Preservat	ion (3)	NO CON	MPARAI	BLE COURSE		
	Elementary Statisti TATIST 13Y	cs (4)	<u> </u> 	12	Introduction Probability Statistics	y and	(4)
			<u>OR</u> PSYCH 	2		l Methods for and Social	(3)

NUTR 10 Discoveries and Concepts (3) FCS 6 Nutrition

RECOMMENDE	D FOR STUDENTS INTENDING	TO PUR	SUE	GRADUATE	OR PR	OFESSIONAL	STUDIES:
CHEM 118C	Org Chem, Hlth & Sci	(4) C	CHEM	12B (rganic	Chemistry	(5)
	OR				C	R	
CHEM 128C	Organic Chemistry	(3) C	CHEM	12B (rganic	Chemistry	(5)
	AND	j			AN	ID .	
CHEM 129B	Organic Chem Lab	(2) C	CHEM	12A &	rganic	Chemistry	(5)
		C	CHEM	12B (rganic	Chemistry	(5)
	AND				AN	ID .	
CHEM 129C	Organic Chem Lab	(2) C	HEM	12B (rganic	Chemistry	(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 1	Elementary French	(5)
FRENCH 2	Elementary French	(5) FREN 1 <u>&</u>	Elementary French	(5)
		FREN 2	Elementary French	(5)
FRENCH 3	Elementary French	(5) FREN 2	Elementary French	(5)
FRENCH 21	Intermed French	(5) FREN 3	Intermediate French	(5)
FRENCH 22	Intermed French	(5) FREN 3 <u>&</u>	Intermediate French	(5)
		FREN 4	Intermediate French	(5)
FRENCH 23	Intermed French	(5) FREN 4	Intermediate French	(5)

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

END OF MAJOR

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

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

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

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

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

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

WOM STD 50	Intro Gender Studies	(4)	SOCIO 27	Gender in Contemporary (3)
				Society
WOM STD 60	Feminist Critiques	(4)		ARTICULATED: College has not
			submitted	course(s) for articulation
WOM STD 70	Sexual:Thry&Hist	(4)	NO COURSE	ARTICULATED: College has not
			submitted	course(s) for articulation

TWO COURSES FROM THE FOLLOWING:

AF-AMST AF-AMST AMR STD	17		(4)	NO COMPARABLE COURSE NO COMPARABLE COURSE NO COURSE ARTICULATED: College has n submitted course(s) for articulation	
AMR STD	30	Amr Images Pop Cult	(4)	NO COMPARABLE COURSE	
ANTHRO 2		Cultural Anthropology	(5)	ANTHR 1 Cultural Anthropology (3)
ANTHRO 2	0	Comparative Cultures	(4)	NO COMPARABLE COURSE	
ANTHRO 3	0	Sexualities	(4)	NO COURSE ARTICULATED: College has n	ot
	_			submitted course(s)for articulation	٥,
A A STD	Τ	Hist Exp Asian Am	(4)	HIST 34 Asian Pacific American (3)
				History	
A A STD	2	Contemp Issues of Asian Americans	(4)	NO COMPARABLE COURSE 	
CHICANO	10	Intro to Chic Std	(4)	HIST 31 Mexican-American (3)
				History	
CHICANO	21	Hlth Care Issues	(4)	NO COMPARABLE COURSE	
CHICANO	50	Chicano Culture	(4)	NO COMPARABLE COURSE	
COMPLIT	12	Intro Women Writers	(4)	NO COMPARABLE COURSE	
DRAMART	1	Theatre, Performance and Culture	(4)	NO COMPARABLE COURSE	
ENGLISH	2	Intro to Lit	(1)	 ENG 1B	3)
гисптри	3	THELO CO TIL	(+)	LENG ID WITCHEN COMMUNICACIONS (<i>3)</i>

			II: A Critical Introduction to
HISTORY 72A	Am Women & Gender	(1)	Literature NO COMPARABLE COURSE
HISTORY 72A	Am Women & Gender	. ,	1
		, ,	1
HISTORY 85	Nat,Man&Mach/Amer	, ,	NO COMPARABLE COURSE
N A STD 10	NA Experience NA Music & Dance	. ,	NO COMPARABLE COURSE
N A STD 32			NO COMPARABLE COURSE
POL SCI 7	Law & Politics	. ,	NO COMPARABLE COURSE
PSYCH 1	General Psychology	(4)	PSYCH 1 Introduction to (3)
			Psychology
SCI&TEC 1	Intro Sci & Tech Std		NO COMPARABLE COURSE
SCI&TEC 2	Intro History of Science	(4)	
SCI&TEC 20	Sci & Tec Std Methods	. ,	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		
SOCIOL 2	Self and Society	(4)	NO COMPARABLE COURSE
SOCIOL 3	Social Problems	(4)	SOCIO 1B Problems of a Changing (3)
			Society
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)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
TEX&CL 7	Style & Cult Std	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
UWRITING 49	Writing Research Papers	(4)	ENG 1D Advanced Composition and (3)
Formerly U			Critical Thinking
WOM STD 20	Cult Repr of Gndr	(4)	NO COURSE ARTICULATED: College has not
	-	. ,	submitted course(s) for articulation
			 ** The state of th

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 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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BIOLSCI 2A Intro Biology:Life on (5) | BIOL 1 Core Biology (4)

Earth |

BIOLSCI 2B Intro Biology: Ecology (5) | BIOL 1 & Core Biology (4)

& Evolution | BIOL 2 & General Zoology (5)

BIOLSCI 2C Intro Biology: (5) BIOL 2 & General Botany (4)
Biodiversity & the Tree BIOL 3 General Botany (4)

Biodiversity & the Tree | BIOL 3 | General Botany (4) of Life

CHEM 2A	<u> </u>		CHEM 1A General Chemistry (5
CHEM 2B	Geni Chemistry		CHEM 1A $\underline{\mathbf{\epsilon}}$ General Chemistry (5 CHEM 1B General Chemistry (5
CHEM 2C	Genl Chemistry		CHEM 1B General Chemistry (5
	OR	(- /	OR
CHEM 2A	2		
CHEM 2BI			I .
CHEM 2CE	H Honors Genl Chemistry	(5)	NO COMPARABLE COURSE
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE
CHEM 8B		(4)	NO COMPARABLE COURSE
	OR		OR
			CHEM 12A Organic Chemistry (5
CHEM 118	8B Org Chem, Hlth & Sci		CHEM 12A & Organic Chemistry (5
G11EN 11			CHEM 12B Organic Chemistry (5
CHEM II	8C Org Chem, Hlth & Sci	(4)	CHEM 12B Organic Chemistry (5
MATH 17	A Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has no
			submitted course(s) for articulation
MATH 17	B Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has no
10 mm		(4)	submitted course(s) for articulation
MATH 170	C Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has no submitted course(s) for articulation
	OR		Submitted Course(s) for articulation OR
MATH 21	A Calculus	(4)	MATH 1 Calculus I (5
	B Calculus		MATH 2 Calculus II (4
PHYSICS	7A General Physics	(4)	PHYSC 2A & General Physics (4
11110100	, ii deliciai iii, bieb	(- /	PHYSC 2B General Physics (4
PHYSICS	7B General Physics	(4)	PHYSC 2A & General Physics (4
			PHYSC 2B General Physics (4
PHYSICS	7C General Physics		PHYSC 2A & General Physics (4
			PHYSC 2B General Physics (4
T+ ia h-	ighly regemmended that studen	ta aor	mploto an ontiro physics sorios at

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

RECOMMENDED:

MATH 21C Calculus (4) | MATH 3 Vector Calculus (4)

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

GEOLOGY 3	History of Life	(3)	GEOL 	1B	Historical Geology w/Lab	(4)
GEOLOGY 3L	History of Life Lab	(1)	GEOL	1B	Historical Geology w/Lab	(4)
e) GEOLOGY t)	50 Physical Geology	(3)	GEOL	1A	Physical Geology w/Lab	(4)
t) GEOLOGY e)	50L Physical Geol Lab	(2)	GEOL	1A	Physical Geology w/Lab	(4)
GEOLOGY 60	Earth Materials:Intro	(4)	NO CO	MPARA	ABLE COURSE	
MATH 16A	Short Calculus	(3)	MATH OR		Survey of Calculus	(4)
					Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH		Calculus II	(4)
	OR	(5)		_	OR	(- /
MATH 21A	*==	(4)	I MATH	1	Calculus I	(5)
MATH 21B			MATH		Calculus II	(4)
CHEM 2A	Genl Chemistry	(5)	CHEM	1A	General Chemistry	(5)
CHEM 2B	-				General Chemistry	(5)
		(-)	CHEM			(5)
PHYSICS 7A	General Physics	(4)	PHYSC	2A 8	General Physics	(4)
	-		PHYSC	_	_	(4)
PHYSICS 7B	General Physics	(4)	PHYSC	2A 8	General Physics	(4)
	-	. ,	PHYSC	_	_	(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 Statistic STATIST 13Y	cs (4)	MATH 12 	Introduction to Probability and Statistics	(4)
			OR PSYCH 2	Statistical Methods for	(3)
				Psychology and Social Science	(3)
	OR		İ	OR	
STATIST 32	Gateway to Data Science	e (4)	NO COMPA	RABLE COURSE	

END OF MAJOR

- e) This course is not strictly comparable with UC Davis courses but will fulfill the introductory physical geology requirement for the geology major at UC Davis.
- t) If a student takes GEOL 1A at San Joaquin Delta College, credit will be given for UC Davis's GEOLOGY 1 or 50+50L, not both.

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

Special Advising Note:

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

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available from	our TAG website.	

GEOLOGY 3	History of Life	(3)	GEOL 1B 	Historical Geology w/Lab	(4)
GEOLOGY 3L	History of Life Lab	(1)	 GEOL 1B 		(4)
e) GEOLOGY t)	50 Physical Geology	(3)	GEOL 1A	Physical Geology w/Lab	(4)
t) GEOLOGY e)	50L Physical Geol Lab	(2)	GEOL 1A	Physical Geology w/Lab	(4)
GEOLOGY 60	Earth Materials:Intro	(4)	NO COMPA	RABLE COURSE	
			!		
GEOLOGY 62	Optical Mineralogy	(Z) 	!	E ARTICULATED: College has d course(s) for articulation	
MATH 21A	Calculus	(4)	MATH 1	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 2	Calculus II	(4)
MATH 21C	Calculus	(4)	MATH 3	Vector Calculus	(4)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A	& General Chemistry	(5)
	-		CHEM 1B	General Chemistry	(5)

SELECT ONE OF THE FOLLOWING THREE OPTIONS:

GENERAL GEOLOGY OPTION:

CHEM 2C	Genl Chemistry	(5)	CHEM :	1в	General	Chemistry	(5)
STATIST 32	Gateway to Data Science	(4)	NO COI	MPAF	RABLE COURS	E	
PHYSICS 7A	General Physics	(4)	PHYSC	2A	& General	Physics	(4)
			PHYSC	2в	General	Physics	(4)
PHYSICS 7B	General Physics	(4)	PHYSC	2A	& General	Physics	(4)
			PHYSC	2в	General	Physics	(4)
PHYSICS 7C	General Physics	(4)	PHYSC	2A	& General	Physics	(4)
			PHYSC	2B	General	Physics	(4)

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11							
		OR					OR
PHYSICS	9A	Classical	Physics	(5)	PHYSC	4A	Principles of Physics: (4) Mechanics
PHYSICS	9B	Classical	Physics	(5)	PHYSC 	4B	Principles of Physics: (4) Waves, Sound, and Thermodynamics
PHYSICS	9C	Classical	Physics	(5)	PHYSC	4C	Principles of Physics: (4) Electricity and Magnetism

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

GEOCHEMISTRY/PETROLOGY OPTION:

STATIST 32	Gateway to Data Science	(4)	NO COMPARA	ABLE COURSE	
MATH 21D	Vector Analysis	(4)	MATH 3	Vector Calculus	(4)
PHYSICS 9A	Classical Physics	(5)	PHYSC 4A 	Principles of Physics: Mechanics	(4)
PHYSICS 9B	Classical Physics	(5)	PHYSC 4B	Principles of Physics: Waves, Sound, and Thermodynamics	(4)

QUANTITATIVE/GEOPHYSICS OPTION:

MATH 21D	Vector Analysis	(4) M	ATH 3	Vector Calculus	(4)
MATH 22A	Linear Algebra	(3) M	ATH 5	Linear Algebra	(3)
PHYSICS 9A	Classical Physics	(5) P	HYSC 4A	Principles of Physics:	(4)
				Mechanics	
PHYSICS 9B	Classical Physics	(5) P	HYSC 4B	Principles of Physics:	(4)
				Waves, Sound, and	
		İ		Thermodynamics	
PHYSICS 9C	Classical Physics	(5) P	HYSC 4C	Principles of Physics:	(4)
				Electricity and	
		İ		Magnetism	

END OF MAJOR

- e) This course is not strictly comparable with UC Davis courses but will fulfill the introductory physical geology requirement for the geology major at UC Davis.
- t) If a student takes GEOL 1A at San Joaquin Delta College, credit will be given for UC Davis's GEOLOGY 1 or 50+50L, not both.

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

Special Advising Note:

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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:

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

College Foreign Language Requirement Note:

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GEDMAN 1 Flementary German (5) GEDM 1 Flementary German (5)

GERMAN 1	Elementary German	(5) GERM 1 Elementary German	(5)
GERMAN 2	Elementary German	(5) GERM 1 & Elementary German	(5)
		GERM 2 Elementary German	(5)
GERMAN 3	Elementary German	(5) GERM 2 Elementary German	(5)
GERMAN 20	Intermediate German	(4) GERM 3 & Intermediate German	(5)
		GERM 4 Intermediate German	(5)
GERMAN 21	Intermediate German	(4) NO COMPARABLE COURSE	
GERMAN 22	Intermediate German	(4) NO COMPARABLE COURSE	

END OF MAJOR

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

Special Advising Note:

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Transfer Admission Guarantee (TAG) Note:

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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:

GDISBIO 9	90	Intro Global Disease Bio	(1)		ARTICULATED: College has no course(s) for articulation	not
SCI&SOC 1	L3	Disease and Society	(3)		ARTICULATED:College has no course(s)for articulation	ot
BIOLSCI 2	2A	Intro Biology:Life on Earth	(5)	BIOL 1	Core Biology (4)
BIOLSCI 2	2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1 & BIOL 2 & BIOL 3	General Zoology ((4) (5) (4)
BIOLSCI 2	2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 2 &		5)

	Genl Chemistry Genl Chemistry		CHEM 1A General Chemistry CHEM 1A & General Chemistry	(5) (5)
CHEM 2B	Geni Chemistry	(3)	<u> </u>	(5)
CHEM 2C	Genl Chemistry	(5)	:	(5)
	Organic Chem-Brief		NO COMPARABLE COURSE	
CHEM 8B	Organic Chem-Brief OR	(4)	NO COMPARABLE COURSE OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	!	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	·	(5)
			CHEM 12B Organic Chemistry	(5)
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has submitted course(s) for articulatio	
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has submitted course(s) for articulation	
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has submitted course(s) for articulatio	
PHYSICS 7A	General Physics	(4)	<u> </u>	(4) (4)
PHYSICS 7B	General Physics	(4)	PHYSC 2A & General Physics	(4) (4)

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

PREPARATION FOR GRADUATION:

STATIST	13	Elementary	Statistics	(4)	MATH 12	Introduction to	(4)
Same	as:	STATIST 13Y				Probability and	
						Statistics	
					OR		
					PSYCH 2	Statistical Methods for	(3)
						Psychology and Social	
						Science	

END OF MAJOR

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

Special Advising Note:

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College Foreign Language Requirement Note:

HISTORY 7C Latin America

1900-Present

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

A.AFRICA

		Africa to 1900								
HISTORY	T2B	Africa Today		(4)	NO COURSE	ARTICULATED				
			В. А	SIA						
		Indian Civilizat								
		East Asian Civ								
HISTORY	9B	East Asian Civ		(4)	NO COMPARA	ABLE COURSE				
C. EUROPE										
HISTORY	4A	Western Civ		(4)	NO COMPARA	ABLE COURSE				
		Western Civ		(4)		History of Western Civilization	(3)			
				j		History of Western Civilization	(3)			
HISTORY	4C	Western Civ		(4)	NO COMPARA	ABLE COURSE				
D. LATIN AMERICA										
HISTORY	7A	Latin America t	to 1700	(4)		ARTICULATED: College ha course(s) for articulat				
HISTORY	7В	Latin America 1	1700-1900	(4)		ARTICULATED: College ha course(s) for articulat				

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

E. MIDDLE EAST												
HISTORY	6	Intro to Middle East	(4)	HIST 6C History of the Middle (3) East								
F. UNITED STATES												
HISTORY	17A	U.S. History	(4)	HIST 17A History of the United (3) States								
HISTORY	17B	U.S. History	(4)	HIST 17B History of the United (3) States								
HISTORY	_			I .								
HISTORY				NO COMPARABLE COURSE								
HISTORY				HIST 27 Women in History (3)								
HISTORY	80	US in the Middle East	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation								
HISTORY	85	Nat,Man&Mach/Amer	(4)	NO COMPARABLE COURSE								
	G. WORLD											
HISTORY	1	Introduction to History	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation								
HISTORY	2	Intro History of Science	(4)	NO COURSE ARTICULATED								
HISTORY	3	Cities: Survey of World Cultures	(4)	NO COMPARABLE COURSE								
HISTORY	10A	World History to 1350	(4)	HIST 2A World History to 1600 (3)								
HISTORY	10B	World History	(4)	HIST 2A $\underline{\&}$ World History to 1600 (3)								
		1350-1850		HIST 2B World History since (3) 1600								
HISTORY	10C	World History III	(4)	HIST 2B World History since (3)								
HISTORY	11	Hist Jewish People	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation								
HISTORY	12	Food and History	(4)	NO COURSE ARTICULATED: College has not								
HISTORI		1		submited course(s) for articulation								
		-	(4)	submited course(s)for articulation								
HISTORY	13	Global Sexualities		NO COURSE ARTICULATED								
HISTORY	13 14	-	(4)	· ·								

END OF MAJOR

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

Special Advising 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.

Advanged Diagoment (AD) and International Paggalaureate (ID) Evamination 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.

Select two of the following courses:

ANTHRO 2 C) 2 Cultural Anthropology) 15 Human Life Cycle		ANTHR 1 Cultural Anthropole FCS 19 Human Development Same as:		(3)					
Select one course from:										
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1 	Core Biology	(4)					
BIOLSCI 10	OR Everyday Biology OR	(4)	 BIOL 10 	OR Survey of Biology OR	(4)					
MIC BIO 10				ARTICULATED: College has course(s) for articulati OR						
	Human Brain and Disease		submitted	<pre>course(s) for articulati</pre>						
MOL&CB 10	Intro Human Heredity	(4)	NO COMPARA							
			urse from:							
HISTORY 17A	U.S. History	(4)	HIST 17A 	History of the United States OR	(3)					
HISTORY 17B	OR U.S. History OR	(4)	 HIST 17B 	History of the United States OR	(3)					
HISTORY 72A	Am Women & Gender OR	(4)	 NO COMPAR <i>I</i> 							
HISTORY 72B	Am Women & Gender OR	(4)	 HIST 27 		(3)					
POL SCI 1	Amer Natl Govt	(4)		~	(3)					
	Select two of the	e fo	llowing cou	urses:						
c) PHILOS 5	Critical Reasoning	(4)	PHILO 30	Introductory Logic	(3)					
	Intro to Bioethics		!							
PHILOS 30	Intro Philos of Sci	(4)		ARTICULATED: College has course(s) for articulati						
PHILOS 31	Scientific Reason	(4)			011					
PHILOS 32				ABLE COURSE						
	Intro Philos of Biol		submitted	course(s) for articulati						
NE PH B 10	Elem Human Physio	(3)	BIOL 32	Human Physiology						
	General Psychology			Introduction to Psychology						
	Select one of the									
PSYCH 41	Research Methods			Introduction to Research Methods in Psychology	(3)					
SOCIOL 46A	OR Intro Social Rsch AND	(4)	 NO COMPARA 	OR ABLE COURSE AND						
SOCIOL 46B		(5)	NO COMPARA							
STATIST 10		(4)	NO COMPARA							
STATIST 13		(4)	 MATH 12		(4)					

Same as: STATIST 13Y		Probability and Statistics
	<u>OR</u> PSYCH 2 	Statistical Methods for (3) Psychology and Social Science

END OF MAJOR

c) Students who complete PHILO 30 at San Joaquin Delta College will receive credit at UC Davis for PHILOS 5 or 12, not both

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

Education(GE) Note:

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1 	Core Biology	(4)
BIOLSCI 2B	Intro Biology: Ecology	(5)	· —		(4)
	& Evolution		: —	General Zoology	(5)
			BIOL 3	General Botany	(4)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
PHYSICS 9A	Classical Physics	(5)	PHYSC 4A	Principles of Physics:	(4)
			[Mechanics	
PHYSICS 9B	Classical Physics	(5)	PHYSC 4B	Principles of Physics:	(4)
				Waves, Sound, and	
PHYSICS 9C	Classical Physics	(E)	 PHYSC 4C	Thermodynamics Principles of Physics:	(1)
PHISICS 9C	Classical Physics	(5)		Electricity and	(+)
				Magnetism	
 MATH 21A	 Calculus	(4)	 мастт 1	 Calculus I	
MATH 21A MATH 21B	Calculus		MATH 1 MATH 2	Calculus II	(5) (4)
MATH 21B	Calculus	. ,	MATH 3	Vector Calculus	(4)
MATH 21D	Vector Analysis	. ,	MATH 3	Vector Calculus	(4)
MATH 22A	Linear Algebra	. ,	MATH 5	Linear Algebra	(3)
MATH 22B	Differntl Equations		MATH 4	Differential Equations	(4)
e) GEOLOGY	50 Physical Geology	(3)	 GEOL 1A 	Physical Geology w/Lab	(4)
t) GEOLOGY e)	50L Physical Geol Lab	(2)	GEOL 1A 	Physical Geology w/Lab	(4)

ENGIN 6 Engr Prob Solving
END OF MAJOR

(4) NO COMPARABLE COURSE

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

t) If a student takes GEOL 1A at San Joaquin Delta College, credit will be given for UC Davis's GEOLOGY 1 or 50+50L, not both.

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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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 Intermedianal Regardaments (ID) Eveningtian Notes

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

	Intro Intl Ag Development	(4)	NO COMPARA 	BLE COURSE	
	Bot Physio Cul Plt	(4)		Principles of Plant Science	(3)
	Soils in Our Environment	(3)	 PLANT 14 	Soil Science	(4)
	Princ of Microecon AND	(4)	ECON 1B 	Principles of Microeconomics AND	(3)
ECON 1B	Princ of Macroecon	(4)	İ	Principles of Macroeconomics	(3)
STATIST 13 Elementary Statistics Same as: STATIST 13Y		(4)	_		(4)
	OR		PSYCH 2	Statistical Methods for Psychology and Social Science	(3)
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARA		
MATH 16A	Short Calculus	(3)	MATH 13 <u>OR</u>	Survey of Calculus	(4)
			MATH 1	Calculus I	(5)
CM&RGDE 1	The Community	(4)	!	ARTICULATED: College has course(s) for articulation	

AGRESEC 15	Pop,Envr,World Agri	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
AN SCI 41	Domestic Ani Prod	(2)	NO COMPARABLE COURSE
AN SCI 41L	Domest An Prod Lab	(2)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
CM&RGDE 20	Food Systems	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
NUTR 10	Discoveries and Concepts	(3)	FCS 6 Nutrition (3)
PL SCI 1	Agr Nature & Society	(3)	NO COMPARABLE COURSE
PL SCI 15	Intro Sustainable	(4)	NO COURSE ARTICULATED: College has not
	Agriculture		submitted course(s) for articulation
PL SCI 49	Org Crop Prod Prac	(3)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation

FOREIGN LANGUAGE REQUIREMENT:

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

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

Test will also satisfy this requirement AREAS OF SPECIALIZATION: AGRICULTURAL PRODUCTION OPTION: BIOLSCI 2A Intro Biology:Life on (5) BIOL 1 Core Biology

	Earth	(-,		_	0.10 1101137	(- /
BIOLSCI 2B	Intro Biology: Ecology	(5)	BIOL	1 &	Core Biology	(4)
	& Evolution		BIOL	2 &	General Zoology	(5)
			BIOL	3	General Botany	(4)
CHEM 2A	Genl Chemistry	(5)	CHEM	1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM	1A &	General Chemistry	(5)
			CHEM	1B	General Chemistry	(5)

			CHEM 1	LB	General	Chemistry	(5)
mp.a.							
TRAL	E AND	ECONOMIC	DEAETON	JENT.	OPTION:		

MATH 16B	Short Calculus	(3)	MATH 2	Calculus II	(4)
SOCIOL 1	Intro Sociology	(5)	SOCIO 1A	Introduction to	(3)
				Sociology	
	OR			OR	
ANTHRO 2	Cultural Anthropology	(5)	ANTHR 1	Cultural Anthropology	(3)
AGRESEC 15	Pop Envr World Agri	(4)	NO COURSE	ARTICIILATED: College has	s not

AGRESEC 15	Pop,Envr,World Agri	(4) NO COURSE	ARTICULATED:	College has 1	not
		submitted	course(s) for	r articulation	n

e Biology (4)
e Biology (4)
eral Zoology (5)
eral Botany (4)
'ICULATED: College has not
rse(s) for articulation
1

				RURAL	COMMUNITIES	OPTION:	
COTOT	1	Tn+20	Coaioloarr		/ E \ COG	r	т.

SOCIOL 1	Intro Sociology	(5) SOCIO 1A	Introduction to	(3)
		İ	Sociology	
ANTHRO 2	Cultural Anthropology	(5) ANTHR 1	Cultural Anthropology	(3)

END OF MAJOR

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

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses

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

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

Transfer Admission Guarantee (TAG) Note:

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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.

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

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

ANTHRO 2	Cultural Anthropology OR	(5)	ANTHR 1	Cultural Anthropology OR	(3)
ECON 1A	Princ of Microecon	(4)	ECON 1B	Principles of Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 1A 	Principles of Macroeconomics	(3)
HISTORY 4C	! Western Civ OR	(4)	NO COMPARA	BLE COURSE OR	
HISTORY 10	C World History III	(4)	HIST 2B	World History since 1600	(3)
POL SCI 2	Intro Comp Politics	(4)	POLSC 2 	Introduction to Comparative Politics	(3)

POL SCI	3	Internatl Re	lations	(4)	POLS	SC 5	Internation	al Relati	ons (3	;)
		Data Visua COMUNCN 12Y,						_	has no)t
	SO	CIOL 12Y								
		OR					OR			
		Elementary STATIST 13Y	Statistics	(4)	MATH 	H 12	Introduction Probability Statistics		(4	.)
					0	OR				
					PSYC 	CH 2	Statistical Psychology a Science			;)
		OR			İ		OR			
SOCIOL 4	16B	Intro Socia	l Rsch	(5)	NO C	COMPARA	ABLE COURSE			
POL SCI	51	Scientific Politics	Study of	(4)	!		ARTICULATED: course(s) for	_		·- ›t

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.

		, - \	1
ARABIC 1	Elementary Arabic	(5)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
ARABIC 2	Elem Arabic	(5)	NO COURSE ARTICULATED: College has not
		, - \	submitted course(s) for articulation
ARABIC 3	Elem Arabic	(5)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
ARABIC 21	Intermed Arabic	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
ARABIC 22	Intermed Arabic	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
ARABIC 23	Intermed Arabic	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
	OR		OR
x) CHINESE		, ,	CHIN 1 Elementary Chinese (5)
x) CHINESE	2 Elem Chinese	(5)	CHIN 1 $\underline{\mathbf{\&}}$ Elementary Chinese (5)
			CHIN 2
x) CHINESE			CHIN 2
x) CHINESE			CHIN 3
x) CHINESE	5 Inter Chinese	(5)	CHIN 3 $\underline{\&}$ Intermediate Chinese (5)
			CHIN 4
x) CHINESE		(5)	CHIN 4 Intermediate Chinese (5)
	OR		OR
x) CHINESE	<u> </u>		NO COMPARABLE COURSE
x) CHINESE			NO COMPARABLE COURSE
x) CHINESE	<u>=</u>	(5)	NO COMPARABLE COURSE
	OR		OR
x) CHINESE		(5)	NO COMPARABLE COURSE
x) CHINESE	2BL Accl Wrtn Chinese	(5)	NO COMPARABLE COURSE
	II		
x) CHINESE	3BL Accl Wrtn Chinese	(5)	NO COMPARABLE COURSE
	III		
	OR		OR
FRENCH 1	Elementary French	, ,	FREN 1 Elementary French (5)
FRENCH 2	Elementary French	(5)	FREN 1 $\underline{\&}$ Elementary French (5)
			FREN 2 Elementary French (5)

FRENCH 3	Elementary French	(5)	FREN 2	Elementary French	(5)
FRENCH 3	Intermed French		FREN 3	Intermediate French	(5)
FRENCH 22	Intermed French		FREN 3 &	Intermediate French	(5)
			FREN 4	Intermediate French	(5)
	OR			OR	
GERMAN 1 GERMAN 2	Elementary German		GERM 1	Elementary German	(5)
GERMAN Z	Elementary German	(5)	GERM 1 <u>&</u> GERM 2	Elementary German Elementary German	(5) (5)
GERMAN 3	Elementary German	(5)	GERM 2	Elementary German	(5)
GERMAN 20	Intermediate German	. ,	GERM 3 &	Intermediate German	(5)
		, ,	GERM 4	Intermediate German	(5)
GERMAN 21	Intermediate German OR	(4)	NO COMPARA	ABLE COURSE OR	
HEBREW 1	Elem Hebrew	(5)		ARTICULATED: College has course(s) for articulati	
HEBREW 2	Elem Hebrew	(5)	NO COURSE	ARTICULATED: College has course(s) for articulati	not
HEBREW 3	Elem Hebrew	(5)	NO COURSE	ARTICULATED: College has course(s) for articulati	not
HEBREW 21	Intermed Modern Hebrew I	(4)	NO COURSE	ARTICULATED: College has	not
HEBREW 22	Intermed Modern Hebrew II	(4)		<pre>course(s) for articulati ARTICULATED: College has</pre>	
			!	course(s) for articulati	on
HEBREW 23	Intermed Modern Hebrew III OR	(4)	NO COURSE	ARTICULATED OR	
HIN-URD 1	Elem Hindi/Urdu I	(5)	!	ARTICULATED: College has	
HIN-URD 2	Elem Hindi/Urdu II	(5)	!	<pre>course(s) for articulati ARTICULATED: College has</pre>	
	. , . ,	(-)	!	course(s) for articulati	
HIN-URD 3	Elem Hindi/Urdu III	(5)	!	ARTICULATED: College has course(s) for articulati	
HIN-URD 21	Intermed Hindi/Urdu I	(4)	NO COURSE	ARTICULATED: College has	not
		(1)		course(s) for articulati	
HIN-URD 22	Intermed Hindi/Urdu II	(4)		ARTICULATED: College has course(s) for articulati	
HIN-URD 23	Intermed Hindi/Urdu III	(4)	!	ARTICULATED: College has	
1111 0112 23	inecimed minar, orda iri	(- /		course(s) for articulati	
	OR		İ	OR	
ITALIAN 1	Elementary Italian		ITAL 1	Elementary Italian	(5)
ITALIAN 2	Elementary Italian	(5)	ITAL 1 <u>&</u>	Elementary Italian	(5)
T	T	<i>(</i> - <i>)</i>	ITAL 2	Elementary Italian	(5)
ITALIAN 3	Elementary Italian		ITAL 2	Elementary Italian	(5)
ITALIAN 4 ITALIAN 5	Interm Italian Interm Italian		ITAL 3 ITAL 3 &	Intermediate Italian Intermediate Italian	(5) (5)
TIALIAN 5	inceriii rearran	(1)	ITAL 4	Intermediate Italian	(5)
	OR			OR	(3)
ITALIAN 1	Elementary Italian	(5)	ITAL 1	Elementary Italian	(5)
ITALIAN 2	Elementary Italian	(5)	ITAL 1 <u>&</u>	Elementary Italian	(5)
			ITAL 2	Elementary Italian	(5)
ITALIAN 3	Elementary Italian		ITAL 2	Elementary Italian	(5)
ITALIAN 8A	Italian Convers		!	ABLE COURSE	
ITALIAN 8B	Italian Convers	(3)	INO COMPARA	ABLE COURSE OR	
y) JPNESE 1	OR 1 Elem Japanese	(5)	 JAPAN 1	Elementary Japanese	(5)
y) JPNESE 2	<u>-</u>		JAPAN 1 &		(5)
,, 011.00		, 0 /	JAPAN 2	Elementary Japanese	(5)
y) JPNESE 3	3 Elem Japanese	(5)	JAPAN 2	Elementary Japanese	(5)
y) JPNESE 4			JAPAN 3	Intermediate Japanese	(5)
y) JPNESE !	Inter Japanese	(5)	JAPAN 4	Intermediate Japanese	(5)
y) JPNESE (5 Inter Japanese OR	(5)	NO COMPARA	ABLE COURSE OR	
PORTUG 1	Elementary Portuguese	(5)	NO COURSE	ARTICULATED: College has	not
	,	. ,		course(s) for articulati	

PORTUG 2	Elementary Portuguese	(5)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
PORTUG 3	Elementary Portuguese	(5)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
PORTUG 21	Intermediate Portuguese	(5)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
PORTUG 22	Intermediate Portuguese	(5)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
	OR		OR
RUSSIAN 1	Elementary Russian	(5)	NO COURSE ARTICULATED: College has not
			submitted course(s)for articulation
RUSSIAN 2	Elementary Russian	(5)	NO COMPARABLE COURSE
RUSSIAN 3	Elementary Russian	(5)	NO COMPARABLE COURSE
RUSSIAN 3 RUSSIAN 4	Elementary Russian Intermed Russian	(5) (4)	NO COMPARABLE COURSE NO COMPARABLE COURSE

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

	OR		OR
SPANISH 1	Elementary Spanish	(5)	SPAN 1 Elementary Spanish I (5)
SPANISH 2	Elementary Spanish	(5)	SPAN 1 & Elementary Spanish I (5)
			SPAN 2 Elementary Spanish II (5)
SPANISH 3	Elementary Spanish	(5)	SPAN 2 Elementary Spanish II (5)
SPANISH 21	Intm Spanish	(5)	SPAN 3 Intermediate Spanish I (5)
SPANISH 22	Intm Spanish	(5)	SPAN 4 Intermediate Spanish II (5)
	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

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

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

ITALIAN 1 ITALIAN 2	Elementary Italian Elementary Italian	(5) ITAL 1 (5) ITAL 1 &	Elementary Italian Elementary Italian	(5) (5)
1111111111 2	Diemeneary rearran	ITAL 2	Elementary Italian	(5)
ITALIAN 3	Elementary Italian	(5) ITAL 2	Elementary Italian	(5)
ITALIAN 4	Interm Italian	(4) ITAL 3	Intermediate Italian	(5)
ITALIAN 5	Interm Italian	(4) ITAL 3 <u>&</u>	Intermediate Italian	(5)
		ITAL 4	Intermediate Italian	(5)
ITALIAN 9	Reading Italian	(4) ITAL 4	Intermediate Italian	(5)

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 <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.

Japanese Placement Examination Note:

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

y) JPNESE 1 Elem Japanese (5) JAPAN 1 Elementary Japanese (5) JAPAN 2 Elementary Japanese (5) JAPAN 2 Elementary Japanese (5) JAPAN 2 Elementary Japanese (5) JAPAN 2 Elementary Japanese (5) JAPAN 2 Elementary Japanese (5) JAPAN 3 Intermediate Japanese (5) JAPAN 3 Intermediate Japanese (5) JAPAN 4 Intermediate Japanese (5) JAPAN 4 Intermediate Japanese (5) JAPAN 4 Intermediate Japanese (5) JAPAN 4 Intermediate Japanese (5) JAPAN 4 Intermediate Japanese (5) JAPAN 4 Intermediate Japanese (5)

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)	HUM 4 Introduction to (3)
			Linguistics
			Same as:
HISTORY 9B	East Asian Civ	(4)	NO COMPARABLE COURSE

END OF MAJOR

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

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

Special Advising Note:

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

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

PRE-MAJOR REQUIREMENT:

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

COMUNCN 1	Intro Public Spkg	(4) COM ST 1A	Public Speaking	(3)
ENGLISH 3	Intro to Lit	(4) ENG 1B	Written Communications II: A Critical Introduction to Literature	(3)
	OR	1	OR	

UWRITING 1 Expository Writing OR	(4)	ENG 1A 	Reading and Composition OR	(3)
UWRITING 48 Style in the Essay Formerly UWRITING 18	(4)	NO COMPAR		
OR UWRITING 49 Writing Research Paper Formerly UWRITING 19	rs (4)		OR Advanced Composition and Critical Thinking	(3)
BIOLSCI 2B Intro Biology: Ecolo & Evolution	ogy (5)	BIOL 2 &	General Zoology	(4) (5) (4)
ENVHORT 6 Intro Environ Plants		HORT 2 	Plant Materials and Usage - Fall	(3)
		<u>OR</u> HORT 3 	Plant Materials and Usage - Spring	(3)
ONE COURSI	E FROM T	HE FOLLOWI	NG:	
MATH 16A Short Calculus	(3)	MATH 13	Survey of Calculus	(4)
STATIST 13 Elementary Statistic Same as: STATIST 13Y	cs (4)		Calculus I Introduction to Probability and Statistics	(5) (4)
		<u>OR</u> PSYCH 2 	Statistical Methods for Psychology and Social Science	(3)
ENG CS 32A Intro to Programming(4 Formerly ENG CS 10	4)	NO COMPARA	ABLE COURSE	
ONE COURSI	E FROM T	HE FOLLOWI	NG:	
CHEM 2A Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 10 Concept of Chem	(4)	CHEM 10	Exploring Everyday Chemistry	(3)
PHYSICS 1A Principles Physics PHYSICS 10 Topics, Nonscientists		NO COMPAR PHYSC 10 	ABLE COURSE Introduction to Physics	(4)
t) GEOLOGY 1 The Earth			Physical Geology w/Lab	(4)
SOILSCI 10 Soils in Our Environment	(3)	PLANT 14 	Soil Science	(4)
LND ARC 1 Intro Environ Design	(4)	1	ARTICULATED: College has course(s) for articulation	
LND ARC 2 Place, Culture, Communi	ity (4)	!	ARTICULATED: College has course(s) for articulation	
LND ARC 3 Sustainable Developme		submitted	ARTICULATED: College has course(s) for articulation	
LND ARC 21 Landscape Rep I Formerly Design Visualization	(4)	NO COMPARA 	ABLE COURSE	
LND ARC 23 Landscape Rep II			ARTICULATED	
LND ARC 30 History Environ Desi	ign (4)		ARTICULATED: College has course(s) for articulation	
LND ARC 50 Site Ecology	(4)	NO COURSE	ARTICULATED: College has course(s) for articulation	not
_		NO COURSE submitted	ARTICULATED: College has course(s) for articulation	not on
LND ARC 70 Intro to Spacemaking	(4)		ARTICULATED: College has course(s) for articulation	
			===== = -	_

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

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

END OF MAJOR

t) If a student takes GEOL 1A at San Joaquin Delta College, credit will be given for UC Davis's GEOLOGY 1 or 50+50L, not both.

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

Special Advising Note:

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

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

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College Foreign Language Requirement Note:

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

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

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

LINGUIS 1 Intro Linguistics (4) HUM 4 Introduction to (3)
Linguistics
Same as:

FOREIGN LANGUAGE: One course beyond the 15 quarter unit requirement of the College of Letters and Science, in the same language used to fulfill the college requirement

END OF MAJOR

====Managerial Economics B.S.====

Special Advising Note:

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

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

Special Advising Note for Future Applicants*

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

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

Strive to achieve your highest possible GPA in order to be most competitive. Transfer students must complete courses comparable to the following UC Davis courses with a GPA of at least 2.50 for the course groups. Additionally, transfer applicants must have already achieved the required GPA in any of these courses that have been completed at the time the transfer academic update is submitted. Courses must be taken for a letter grade, with no grade less than C. (Advanced Placement(AP) or International Baccalaureate (IB) Higher Level examinations may satsify UC Davis course equivalents).

- -Mathematics 16A/B or Mathematics 17A/B or Mathematics 21A/B
- -Economics 1A/B
- -Statistics 13

*Information for future applicants is subject to change.

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

COMUNCN 1	Intro Public Spkg OR	(4) COM ST 1A	Public Speaking OR	(3)
COMUNCN 3	Intprsnl Com Cmpetnce	(4) COM ST 3	Interpersonal Communication	(3)
AGRESEC 18	Business Law	(4) BUS 18A	Business Law	(3)
ECON 1A	Princ of Microecon	(4) ECON 1B	Principles of	(3)

ECON 1B	Princ of Macroecon	(4)	 ECON 	1A	Microeconomics Principles of Macroeconomics	(3)
PL SCI 21	Computers in Technology OR	(3)	NO C	OMPARA	BLE COURSE OR	
B) ENG CS	15 Intro to Computers	(4)	CS 1		undamentals of Computer	(3)

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

MGMT 11A	Elem Accounting	(4)	BIIS 1A	Principles of Accounting	(5)
_	Elem Accounting		BUS 1B		
MGMI IIB			BUS IB		(3)
MATH 16A	Short Calculus	(3)	MATH 13	Survey of Calculus	(4)
		(-)	OR		(- /
			MATH 1	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 2	Calculus II	(4)
MATH 16C	Short Calculus	(3)	MATH 2	Calculus II	(4)
	OR		j	OR	
MATH 17A	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has	not
			submitted	<pre>course(s) for articulation</pre>	on
MATH 17B	Calculus for Biosci	(4)	NO COURSE	ARTICULATED: College has	not
			submitted	course(s) for articulation	on
	OR		j	OR	
MATH 21A	Calculus	(4)	MATH 1	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 2	Calculus II	(4)
	Elementary Statistics	(4)	MATH 12	Introduction to	(4)
Same as:	STATIST 13Y			Probability and	
				Statistics	
			OR		
			PSYCH 2	Statistical Methods for	(3)
			j	Psychology and Social	
			İ	Science	
			'		

END OF MAJOR

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

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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 1	Core Biology	(4)
BIOLSCI 2B	Intro Biology: Ecology	(5)	I IBTOT∟1 &	Core Biology	(4)
DIOLDOI 2D	& Evolution	() /		General Zoology	(5)
	a Evolución		BIOL 3	General Botany	(4)
BIOLSCI 2C	Intro Biology:	(5)		General Zoology	(5)
2102201 20	Biodiversity & the Tree		· —	General Botany	(4)
	of Life				(- /
CHEM 2A	Genl Chemistry	(5)	 CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
MATH 16A	Short Calculus	(3)	MATH 13 OR	Survey of Calculus	(4)
				Calculus I	(5)
MATH 16B	Short Calculus	(3)		Calculus II	(4)
MATH 16C	Short Calculus			Calculus II	(4)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has	not
				course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)		ARTICULATED: College has	
			!	course(s) for articulation	
MATH 17C	Calculus for BioSci	(4)		ARTICULATED: College has	
			submitted	course(s) for articulation	on
	OR			OR	
MATH 21A				Calculus I	(5)
MATH 21B				Calculus II	(4)
MATH 21C	Calculus 	(4) 	MATH 3 	Vector Calculus	(4)
PHYSICS 7A	General Physics	(4)		<u>&</u> General Physics	(4)
			PHYSC 2B		(4)
PHYSICS 7B	General Physics	(4)		<u>&</u> General Physics	(4)
				General Physics	(4)
PHYSICS 7C	General Physics	(4)		General Physics	(4)
T	1 1 . 1			General Physics	(4)

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

OR

PHYSICS 9A	Classical Physics	(5)	PHYSC	4A	Principles of Physics: (4) Mechanics
PHYSICS 9B	Classical Physics	(5)	PHYSC	4B	Principles of Physics: (4) Waves, Sound, and Thermodynamics
PHYSICS 9C	Classical Physics	(5)	PHYSC	4C	Principles of Physics: (4) Electricity and Magnetism

STRONGLY RECOMMENDED:

EVOL&EC 12	Life in the Sea	(3)		ARTICULATED: College course(s)for articula	
GEOLOGY 16	The Oceans	(3)	GEOL 16 OR	Oceanography	(3)
			GEOL 16A	Oceanography w/Lab	(4)

END OF MAJOR

====Marine and Coastal Science B.S. (Marine Ecology and Organismal Biology)==== Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

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

Organic Chemistry series cited on ASSIST for your major*
Physics 7A/B/C or the physics series cited on ASSIST
for your intended College of Biological Sciences major (especially

useful for Neurobiology, Physiology and Behavior majors).

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

Transfer students must also meet UC transfer admission requirements. UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. See the <u>UC Transfer</u>

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

BIOLSCI 2A Intro Biology:Life on (5) BIOL 1 Core Biology (4)
Earth

BIOLSCI 2B Intro Biology: Ecology (5) BIOL 1 & Core Biology (4)
& Evolution | BIOL 2 & General Zoology (5)
| BIOL 3 General Botany (4)

BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life		BIOL 2 & General Zoology (5) BIOL 3 General Botany (4)	
CHEM 2A CHEM 2B	Genl Chemistry Genl Chemistry		CHEM 1A General Chemistry (5) CHEM 1A & General Chemistry (5) CHEM 1B General Chemistry (5)	
CHEM 2C	Genl Chemistry AND	(5)	CHEM 1B General Chemistry (5) AND	
CHEM 8A CHEM 8B	Organic Chem-Brief Organic Chem-Brief		NO COMPARABLE COURSE	
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
	OR		OR	
MATH 21A	Calculus		MATH 1 Calculus I (5)	
MATH 21B	Calculus	(4)	MATH 2 Calculus II (4)	
PHYSICS 7A	General Physics	(4)	PHYSC 2A & General Physics (4) PHYSC 2B General Physics (4)	
PHYSICS 7B	General Physics	(4)	PHYSC 2A & General Physics (4)	
PHYSICS 7C	General Physics	(4)	PHYSC 2A & General Physics (4)	
PHYSC 2B 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		(5)	PHYSC 4A Principles of Physics: (4) Mechanics	
PHYSICS 9B	Classical Physics	(5)	PHYSC 4B Principles of Physics: (4) Waves, Sound, and	

STRONGLY RECOMMENDED:

PHYSICS 9C Classical Physics (5) PHYSC 4C Principles of Physics: (4)

Thermodynamics

Electricity and Magnetism

EVOL&EC 12	Life in the Sea	(3)		ARTICULATED: course(s)for		
GEOLOGY 16	The Oceans	(3)	GEOL 16 OR	Oceanograph	ny	(3)
			GEOL 16A	Oceanograpl	ny w/Lab	(4)

END OF MAJOR

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

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

and significantly reduces time to degree.

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

listed course, EXCEPT English 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

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

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

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

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

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

BIOLSCI 2A	Intro Biology:Life on	(5)	BIOL 1	Core Biology	(4)
BIOLSCI 2B	Earth Intro Biology: Ecology	/ E \	 DTOT 1 •	Core Biology	(4)
BIOLISCI ZB	& Evolution	(5)		General Zoology	(5)
	& Evolucion		· -	General Botany	(4)
BIOLSCI 2C	Intro Biology:	(5)			(5)
2102201 20	Biodiversity & the Tree		· —	General Botany	(4)
	of Life			00110201 2000117	(- /
CHEM 2A	Genl Chemistry	(5)	 CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)		General Chemistry	(5)
				-	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
MATH 16A	Short Calculus	(3)	MATH 13	Survey of Calculus	(4)
			OR		
				Calculus I	(5)
MATH 16B	Short Calculus			Calculus II	(4)
MATH 16C	Short Calculus OR	(3)	MATH 2	Calculus II OR	(4)
MATH 17A	Calculus for BioSci	(1)	 MO COURCE	ARTICULATED: College has	not
MAIN I/A	Calculus for Blosef	(+)	1	course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)		ARTICULATED: College has	
1111111 175	carcaras for Broser	(1)	!	course(s) for articulation	
MATH 17C	Calculus for BioSci	(4)	!	ARTICULATED: College has	
		. ,	•	course(s) for articulation	
	OR		İ	OR	
MATH 21A	Calculus	(4)	MATH 1	Calculus I	(5)
MATH 21B	Calculus			Calculus II	(4)
MATH 21C	Calculus	(4)	MATH 3	Vector Calculus	(4)
PHYSICS 7A	General Physics	(4)		& General Physics	
			PHYSC 2B		(4)
PHYSICS 7B	General Physics	(4)		& General Physics	(4)
			PHYSC 2B	General Physics	(4)

PHYSICS 7C	General Physics	(4)	PHYSC	2A &	General	Physics	(4)
			PHYSC	2B	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.

SC 4A Principles of Physics: (4) Mechanics
SC 4B Principles of Physics: (4) Waves, Sound, and Thermodynamics
SC 4C Principles of Physics: (4) Electricity and Magnetism
3C

STRONGLY RECOMMENDED:

EVOL&EC 12	Life in the Sea	(3)	NO COURSE	ARTICULATED: C	ollege has not
		ĺ	${\tt submitted}$	course(s)for a	rticulation
GEOLOGY 16	The Oceans	(3)	GEOL 16	Oceanography	(3)
			OR		
		İ	GEOL 16A	Oceanography	w/Lab (4)

END OF MAJOR

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

BIOLSCI 2A		(5)	BIOL 1	Core Biology	(4)
BIOLSCI 2B	Earth Intro Biology: Ecology	(5)	 DTOT 1 &	Coro Piology	(4)
BIOLISCI ZB	& Evolution	(3)		General Zoology	(5)
	& EVOIUCION		· —		(4)
DIOLEGE 3C	Intro Biology:	/ E \		General Zoology	(5)
BIULSCI ZC	Intro Biology:				
	Biodiversity & the Tree of Life		 BIOL 3	General Bocany	(4)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
MATH 16A	Short Calculus	(3)	MATH 13 OR	Survey of Calculus	(4)
				Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 2	Calculus II	(4)
MATH 16C	Short Calculus	(3)	MATH 2	Calculus II	(4)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has	not
			submitted	course(s) for articulation	on
MATH 17B	Calculus for Biosci	(4)		ARTICULATED: College has	
			!	course(s) for articulation	
MATH 17C	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has	not
			submitted	course(s) for articulation	on
	OR			OR	
MATH 21A			!	Calculus I	(5)
MATH 21B				Calculus II	(4)
MATH 21C	Calculus	(4)	MATH 3	Vector Calculus	(4)
PHYSICS 7A	General Physics	(4)	•	& General Physics	(4)
				General Physics	(4)
PHYSICS 7B	General Physics	(4)		<u>&</u> General Physics	(4)
			!	General Physics	(4)
PHYSICS 7C	General Physics	(4)	PHYSC 2A	<u>&</u> General Physics	(4)

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

	OR				OR
PHYSICS 9A	Classical Physics	(5)	PHYSC	4A	Principles of Physics: (4)
					Mechanics
PHYSICS 9B	Classical Physics	(5)	PHYSC	4B	Principles of Physics: (4)
					Waves, Sound, and
					Thermodynamics
PHYSICS 9C	Classical Physics	(5)	PHYSC	4C	Principles of Physics: (4)
					Electricity and
					Magnetism

STRONGLY RECOMMENDED:

EVOL&EC 1	l2 Lif	fe in the Sea				ARTICULATED: course(s)for		
GEOLOGY 1	16 The	e Oceans	(3)	GEOL 16	.6	Oceanograph	ıy	(3)
				GEOL 16	.6A	Oceanograph	ıy w/Lab	(4)

END OF MAJOR

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

Special Advising Note:

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

Transfer applicants must also complete all lower-division courses required for their specific engineering major as listed below under courses "Required for Admission" with a cumulative GPA of 3.20 or higher for those courses completed

at the time of application and through the transfer academic update filing period. Before submitting a UC application, students must have already achieved a cumulative GPA of 3.20 or higher in required lower-division major coursework completed. If one course from the group is completed at the time the application is submitted, the grade for that one course must be B+ or better. If two or more courses from the group are completed at the time the application is submitted, the GPA for those courses combined must be a 3.20 or higher.

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

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

END OF MAJOR

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

Recommended Language Preparation Note:

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

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

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

MATH 21A	Calculus	(4)	MATH 1	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 2	Calculus II	(4)
MATH 21C	Calculus	(4)	MATH 3	Vector Calculus	(4)
	OR		j	OR	
MATH 17A	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College	has not
			submitted	course(s) for articul	lation
MATH 17B	Calculus for Biosci	(4)	NO COURSE	ARTICULATED: College	has not
			submitted	course(s) for articul	lation
MATH 17C	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College	has not
			submitted	course(s) for articul	lation
MATH 21D	Vector Analysis	(4)	MATH 3	Vector Calculus	(4)
MATH 22B	Differntl Equations	(3)	MATH 4	Differential Equation	ns (4)
MATH 22AL	Lin Alg Comp Lab	(1)	NO COURSE	ARTICULATED: College	has not
			submitted	course(s)for articula	ation

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	$^{\rm OF}$	THE	FOLLOWING	COURSES:

MATH 22A	Linear Algebra	(3) M	ATH 5	Linear	Algebra	(3)
	AND				AND	
MATH 108	Intro Abstract Math	(4) T	his cou	urse must	be taken	at UC Davis

OD GELEGE MUE HOLLOWING GOUDGE.

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 COMPARABLE COURSE
ENGIN 6	Engr Prob Solving	(4) NO COMPARABLE COURSE

END OF MAJOR

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

Recommended Language Preparation Note:

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

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

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

MATH	21A	Calculus	(4)	MATH	1	Calculus I		(5)
MATH	21B	Calculus	(4)	MATH	2	Calculus II		(4)
MATH	21C	Calculus	(4)	MATH	3	Vector Calcul	us	(4)
MATH	21D	Vector Analysis	(4)	MATH	3	Vector Calcul	us	(4)
MATH	22B	Differntl Equations	(3)	MATH	4	Differential	Equations	(4)
MATH	22AL	Lin Alg Comp Lab	(1)	NO CC	URSE	ARTICULATED:	College ha	as not
				submi	tted	course(s)for	articulat:	lon

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).

	BOIR OF	THE FOULDMING	COURSES:		
MATH 22A	Linear Algebra	(3) MATH	5 Linear	Algebra	(3)
	AND			AND	
MATH 108	Intro Abstract Math	(4) This	course must	be taken at	UC Davis

OR SELECT THE FOLLOWING COURSE:

MATH 67	Modern Linear Algebra	(4) NO COURSE ARTICULATED: Co	
	Intro to Programming(4)	NO COMPARABLE COURSE	
	OR	OR	
ENGIN 6	Engr Prob Solving	(4) NO COMPARABLE COURSE	
ECON 1A	Princ of Microecon	(4) ECON 1B Principles of Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4) ECON 1A Principles of Macroeconomics	(3)
STATIST 32	Gateway to Data Science	4) NO COMPARABLE COURSE	

END OF MAJOR

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

Special Advising Note:

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

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

Special Advising Note for future applicants:*

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

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

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

MATH 21A Calculus (4) MATH 1 Calculus I (5)
MATH 21B Calculus (4) MATH 2 Calculus II (4)
MATH 21C Calculus (4) MATH 3 Vector Calculus (4)
MATH 21D Vector Analysis (4) MATH 3 Vector Calculus (4)
MATH 22B Differntl Equations (3) MATH 4 Differential Equations (4)
MATH 22AL Lin Alg Comp Lab (1) NO COURSE ARTICULATED: College has not submitted course(s) for articulation

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

				~~
BOTH	OF	THE	FOLLOWING	COURSES:

MATH 22A	Linear Algebra	(3) MATH 5 Linear	Algebra (3)
	AND		AND
MATH 108	Intro Abstract Math	(4) This course must	be taken at UC Davis

OR SELECT THE FOLLOWING COURSE:

MATH 67 Modern Linear Algebra	(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ENG CS 32A Intro to Programming(4) Formerly ENG CS 10	NO COMPARABLE COURSE
OR ENGIN 6 Engr Prob Solving	OR (4) NO COMPARABLE COURSE

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

12 QUARTER UNITS OF ADDITIONAL NON-MATHEMATICS COURSES CHOSEN FROM NATURAL SCIENCES

END OF MAJOR

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

Special Advising Note:

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

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

Special Advising Note for future applicants:*

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

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

Strive to achieve your highest possible GPA in order to be most competitive. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 3.00 for the selective major course group. It is recommended that candidates have a cumulative GPA of at least 3.00 for the group of courses below that have been completed at the time of application and through the transfer academic update filing period. Whether planning for the general

application or TAG process, courses must be taken for a letter grade, with no grade less than C. (Advanced Placement (AP) or International Baccaulaureate (IB) Higher Level examinations may satisfy UC course equivalents).

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

*Information for future applicants is subject to change

Transfer Admission Guarantee (TAG) Note:

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

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

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

Recommended Language Preparation Note:

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

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	1	Calculus I		(5)
MATH	21B	Calculus	(4)	MATH	2	Calculus II		(4)
MATH	21C	Calculus	(4)	MATH	3	Vector Calcul	lus	(4)
MATH	21D	Vector Analysis	(4)	MATH	3	Vector Calcul	lus	(4)
MATH	22B	Differntl Equations	(3)	MATH	4	Differential	Equations	(4)
MATH	22AL	Lin Alg Comp Lab	(1)	NO CO	URSE	ARTICULATED:	College has	not
				submi	tted	course(s)for	articulation	n

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 5 Linear Algebra	(3)
	AND	AND	
MATH 108	Intro Abstract Math	(4) This course must be taken at UC	Davis

OR SELECT THE FOLLOWING COURSE:

MATH 67 Modern Linear Algebra (4) NO COURSE ARTICULATED: College has not

		submitted course(s) for articulation
	Intro to Programming(4) ly ENG CS 10	NO COMPARABLE COURSE
	OR	OR
ENGIN 6	Engr Prob Solving	(4) NO COMPARABLE COURSE

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

PLAN 1: GENERAL MATHEMATICS PHYSICS 9A Classical Physics (5) PHYSC 4A Principles of Physics: (4) Mechanics PLAN 2: MATHEMATICS FOR SECONDARY TEACHING PHYSICS 7A General Physics (4) PHYSC 2A & General Physics (4) (4) PHYSC 2B General Physics OR OR PHYSICS 9A Classical Physics (5) PHYSC 4A Principles of Physics: (4) Mechanics OR OR STATIST 13 Elementary Statistics (4) | MATH 12 Introduction to (4)Same as: STATIST 13Y Probability and Statistics OR PSYCH 2 Statistical Methods for (3) Psychology and Social Science OR STATIST 32 Gateway to Data Science (4) | NO COMPARABLE COURSE

END OF MAJOR

====Mechanical Engineering B.S.====

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

Special Advising Note:

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

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

END OF MAJOR

====Medieval and Early Modern Studies A.B.==== Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

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MEDV-ST 20A Medieval Culture (5) NO COMPARABLE COURSE MEDV-ST 20B Medieval Culture (5) NO COMPARABLE COURSE THREE COURSES FROM THE FOLLOWING:
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ARTHI	1B	Mediev&Renaiss Art	(4)	NO	COMPARA	ABLE COURSE
ARTHI	1C	Baroque to Modern Art	(4)	ART	7 1B	Art History: Europe from (3)
				ĺ		the Fifteenth to the
				ĺ		Twentieth Century
ARTHI	1E	Islamic Art &	(4)	NO	COURSE	ARTICULATED: College has not

	Architecture		submitted course(s) for articulation
COMPLIT 2	Major Books-Middle Ages	(4)	NO COMPARABLE COURSE
	to Enlightenment		
COMPLIT 102	A Master Authors	(2)	NO COURSE ARTICULATED: College has not
			submitted course(s)for articulation
COMPLIT 10	B Master Authors	(2)	NO COURSE ARTICULATED: College has not
			submitted course(s)for articulation
COMPLIT 100	C Master Authors	(2)	NO COURSE ARTICULATED: College has not
			submitted course(s)for articulation
COMPLIT 101	D Master Authors	(2)	NO COURSE ARTICULATED: College has not
			submitted course(s)for articulation
COMPLIT 10	E Master Authors	(2)	NO COURSE ARTICULATED: College has not
			submitted course(s)for articulation
ENGLISH 102	_	(4)	ENG 46A Survey of British (3)
	I: To 1700		Literature I
GERMAN 48	Myth & Saga	٠,	NO COMPARABLE COURSE
HISTORY 4A		. ,	NO COMPARABLE COURSE
HISTORY 4B	Western Civ	(4)	HIST 4A & History of Western (3) Civilization
			HIST 4B History of Western (3)
			Civilization
HUMAN 1	Humanities Forum	(2)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
HUMAN 9	Don Quixote	(2)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
PHILOS 21	Phil Classics: Ancient	(4)	NO COMPARABLE COURSE
PHILOS 22	Phil Classics: Modern	(4)	NO COMPARABLE COURSE

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

END OF MAJOR

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

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

equivalents:

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

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

College Foreign Language Requirement Note:

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

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1 Core Biology (4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1 & Core Biology (4) BIOL 2 & General Zoology (5) BIOL 3 General Botany (4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life		BIOL 2 & General Zoology (5) BIOL 3 General Botany (4)
	Genl Chemistry Genl Chemistry		CHEM 1A General Chemistry (5) CHEM 1A & General Chemistry (5) CHEM 1B General Chemistry (5)
	Organic Chem-Brief Organic Chem-Brief OR		NO COMPARABLE COURSE NO COMPARABLE COURSE OR
	Org Chem, Hlth & Sci Org Chem, Hlth & Sci		CHEM 12A Organic Chemistry (5) CHEM 12A & Organic Chemistry (5) CHEM 12B Organic Chemistry (5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 12B Organic Chemistry (5)
MATH 17A	Calculus for BioSci		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 17B	Calculus for Biosci OR	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation OR
MATH 21A	_	(4)	MATH 1 Calculus I (5)
MATH 21B			MATH 2 Calculus II (4)
PHYSICS 1A PHYSICS 1B	Principles Physics Principles Physics OR	. ,	NO COMPARABLE COURSE NO COMPARABLE COURSE OR
PHYSICS 7A	General Physics	(4)	PHYSC 2A & General Physics (4) PHYSC 2B General Physics (4)
PHYSICS 7B	General Physics	(4)	PHYSC 2A & General Physics (4) PHYSC 2B General Physics (4)
PHYSICS 7C	General Physics	(4)	PHYSC 2A & General Physics (4) PHYSC 2B 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

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.

Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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 1 Core Biology (4)
BIOLSCI 2B	Intro Biology: Ecology	(5)	BIOL 1 & Core Biology (4)
	& Evolution		BIOL 2 & General Zoology (5)
			BIOL 3 General Botany (4)
BIOLSCI 2C	Intro Biology:	(5)	BIOL 2 & General Zoology (5)
	Biodiversity & the Tree of Life		BIOL 3 General Botany (4)
	OI DITE		
CHEM 2A	Genl Chemistry	(5)	CHEM 1A General Chemistry (5)
	Genl Chemistry	(5)	CHEM 1A & General Chemistry (5)
	-		CHEM 1B General Chemistry (5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1A & General Chemistry (5) CHEM 1B General Chemistry (5) CHEM 1B General Chemistry (5)
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE
	Organic Chem-Brief	٠,	NO COMPARABLE COURSE
	OR	(- /	OR
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 12A Organic Chemistry (5)
CHEM 118B	Org Chem, Hlth & Sci		CHEM 12A & Organic Chemistry (5)
			CHEM 12B Organic Chemistry (5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 12B Organic Chemistry (5)
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not
	070		submitted course(s) for articulation OR
MATH 21A	OR Calculus	(1)	1
MATH 21A		(1)	MATH 1 Calculus I (5) MATH 2 Calculus II (4)
			(1)
PHYSICS 7A	General Physics	(4)	PHYSC 2A & General Physics (4)
			PHYSC 2B General Physics (4)
PHYSICS 7B	General Physics	(4)	PHYSC 2A $\underline{\mathbf{\&}}$ General Physics (4)
			PHYSC 2B General Physics (4)
PHYSICS 7C	General Physics	(4)	PHYSC 2A & General Physics (4)
			PHYSC 2B 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

physic	cs.					
MIC B	IO 91 I	Intro Research	(1) NO) COURS	E ARTICULATED	
			RECOMMEND	ED:		
MATH :	21C	Calculus	(4) MA		Vector Calculus	(4)

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

ARTHI 1E	Islamic Art &	(4)	NO COURSE ARTICULATED: College has not
	Architecture		submitted course(s) for articulation
CLASSIC 1	N East/Early Gr	(4)	NO COMPARABLE COURSE
COMPLIT 53B	Lit of South Asia	(4)	NO COMPARABLE COURSE
COMPLIT 53C	Lit of the Islamic	(4)	NO COURSE ARTICULATED: College has not
	World		submitted course(s) for articulation
REL STD 21	The Bible	(4)	NO COMPARABLE COURSE
REL STD 23	Intro Judaism	(4)	NO COMPARABLE COURSE
REL STD 60	Introduction to Islam	(4)	NO COMPARABLE COURSE
REL STD 65C	The Qur'an and Its	(4)	NO COURSE ARTICULATED: College has not
	Interpretation		submitted course(s) for articulation
REL STD 68	Hinduism	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
Or additiona	al lower-division courses	in a	Middle Eastern or South Asian language

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.

Diagnostic Examination Note:

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

MUSIC 2	A Keyboard	Competence	(2)	NO	COURSE	ARTICULATED: College has not
				suk	omitted	course(s) for articulation
MUSIC 2	B Keyboard	Competence	(2)	NO	COURSE	ARTICULATED: College has not
				suk	omitted	course(s) for articulation
MUSIC 2	C Keyboard	Competence	(2)	NO	COURSE	ARTICULATED: College has not

STUDENTS MAY PASS OUT OF ONE OR MORE QUARTERS OF MUSIC 2A-C THROUGH EXAMINATION

MUSIC 6A	Elementary Theory	(3)	CREDIT TO BE DETERMINED BY UC DAVIS
	1	(- /	MUSIC DEPARTMENT'S PLACEMENT EXAMS.
MUSIC 6B	Elementary Theory	(3)	CREDIT TO BE DETERMINED BY UC DAVIS
110020 02		(5)	MUSIC DEPARTMENT'S PLACEMENT EXAMS.
MUSIC 6C	Elementary Theory	(3)	CREDIT TO BE DETERMINED BY UC DAVIS
MODIC OC	Elementary inedry	(3)	MUSIC DEPARTMENT'S PLACEMENT EXAMS.
			MOSIC DEPARTMENT S PLACEMENT EXAMS.
MUSIC 7A	Intermediate Theory	(3)	CREDIT TO BE DETERMINED BY UC DAVIS
MODIC /A	intermediate inedry	(3)	MUSIC DEPARTMENT'S PLACEMENT EXAMS.
MUSIC 7B	Intermediate Theory	(2)	CREDIT TO BE DETERMINED BY UC DAVIS
MUSIC /B	incermediate ineory	(3)	MUSIC DEPARTMENT'S PLACEMENT EXAMS.
MIIOTO 70	Tratarimodiata Mbaari	(2)	1
MUSIC 7C	Intermediate Theory	(3)	CREDIT TO BE DETERMINED BY UC DAVIS
			MUSIC DEPARTMENT'S PLACEMENT EXAMS.
	Til and March and an old day	(2)	NO COURCE ARETOURABED. Callaga bar was
MUSIC 16A	Elem Musicianship	(2)	NO COURSE ARTICULATED: College has not
	-1 1 1	(0)	submitted course(s) for articulation
MUSIC 16B	Elem Musicianship	(2)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
MUSIC 16C	Elem Musicianship	(2)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
		ONE	OR MORE QUARTERS OF MUSIC 16A-C
	THROUGH EXAMINATION		
MUSIC 17A	Intermediate	(2)	NO COURSE ARTICULATED: College has not
	Musicianship		submitted course(s) for articulation
MUSIC 17B	Intermediate	(2)	NO COURSE ARTICULATED: College has not
	Musicianship		submitted course(s) for articulation
MUSIC 17C	Intermediate	(2)	NO COURSE ARTICULATED: College has not
	Musicianship		submitted course(s) for articulation
	STUDENTS MAY PASS OUT	OF O	NE OR MORE QUARTERS OF MUSIC 17A-C
	THROUGH EXAMINATION		
1) MUSIC 24	A Intro Music History	(3)	MUSIC 2A & Music History from (3)
			Antiquity to 1750
			MUSIC 2B Music History from (3)
			1750 to Present
1) MUSIC 24	B Intro Music History	(3)	MUSIC 2A & Music History from (3)
	-		Antiquity to 1750
			MUSIC 2B Music History from (3)
			1750 to Present
1) MUSIC 24	C Intro Music History	(3)	MUSIC 2A & Music History from (3)
_, 21		()	
			Antiquity to 1750
			Antiquity to 1750 MUSIC 2R Music History from (3)
			Antiquity to 1750 MUSIC 2B Music History from (3) 1750 to Present

END OF MAJOR

1) If a student takes MUSIC 2A and 2B at San Joaquin Delta College, credit will be given for UC Davis's MUSIC 24A+B+C or 10, not both.

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

Special Advising Note:

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

N A STD 1	Intro NA Studies	(4)	NO	COMPARA	ABLE COURSE	
N A STD 10	NA Experience OR	(4)	NO	COMPARA	ABLE COURSE OR	
N A STD 12	Native Amer/Indigenous Film					College has not articulation

ONE OR TWO COURSES FROM:

N	Α	STD	5	Intro NA Literature	(4)	NO COMPARABLE COURSE
N	А	STD	12	Native Amer/Indigenous	(4)	NO COURSE ARTICULATED: College has not
				Film		submitted course(s)for articulation
N	Α	STD	32	NA Music & Dance	(4)	NO COMPARABLE COURSE
N	Α	STD	33	Intro NA Art	(4)	NO COMPARABLE COURSE
N	А	STD	34	NA Art Workshop	(4)	NO COMPARABLE COURSE

ONE OR TWO COURSES FROM:

AF-AMST 12 AF-AMST 52	Intro Afro Studies Afr Tradit Relig	(4)	NO COMPARABLE COURSE NO COMPARABLE COURSE
ANTHRO 2 C	Cultural Anthropology Comparative Cultures		ANTHR 1 Cultural Anthropology (3)
ANTHRO 24	Ancient Crops and People	, ,	NO COURSE ARTICULATED: College has not
11111110 21	iniciano cropa ana reopre	(- /	submitted course(s) for articulation
A A STD 1	Hist Exp Asian Am	(4)	HIST 34 Asian Pacific American (3) History
A A STD 2	Contemp Issues of Asian Americans	(4)	NO COMPARABLE COURSE
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	. ,	HIST 31 Mexican-American (3) History
CHICANO 21	Hlth Care Issues	٠,	NO COMPARABLE COURSE
CHICANO 23	Qualitative Research	(4)	NO COURSE ARTICULATED: College has not
COMPLETE OF	Methods	(1)	submitted course(s) for articulation
COMPLIT 25	Ethnic Writers	٠,	NO COMPARABLE COURSE
CM&RGDE 2	Ethnicity Amer Comm	. ,	SOCIO 33 Social Inequality in (3) the United States
ENV S&P 10	Current Issues in Environment	(3)	N R 2 Environmental Science (3)
ENV S&P 1	.0 not open for credit to s	stude	ents who have completed ENV S&P 1
HISTORY 7A	Latin America to 1700	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
HISTORY 7B	Latin America 1700-1900	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
HISTORY 7C	Latin America	(4)	NO COURSE ARTICULATED: College has not
	1900-Present		submitted course(s) for articulation
HISTORY 17A	U.S. History	(4)	HIST 17A History of the United (3)
			States
LINGUIS 1	Intro Linguistics	(4)	HUM 4 Introduction to (3)
			Linguistics
			Same as:

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.

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 1 Core Biology (4	1)
BIOLSCI 2B	Intro Biology: Ecology	(5)	BIOL 1 & Core Biology (4	4)
2102201 22	& Evolution	(0)	BIOL 2 & General Zoology (5	
			BIOL 3 General Botany (4	
BIOLSCI 2C	Intro Biology:	(5)	BIOL 2 & General Zoology (5	
	Biodiversity & the Tree of Life			
CHEM 2A	Genl Chemistry	(5)	CHEM 1A General Chemistry (5	 5)
CHEM 2B	Genl Chemistry		CHEM 1A & General Chemistry (5	5)
			CHEM 1B General Chemistry (5 CHEM 1B General Chemistry (5	5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B General Chemistry (5	5)
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE	
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE	
	OR		OR	
CHEM 118A	Org Chem, Hlth & Sci		CHEM 12A Organic Chemistry (5	5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 12A & Organic Chemistry (5	
			CHEM 12B Organic Chemistry (5	
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 12B Organic Chemistry (5	5)
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has no	
4			submitted course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has no)t
MARII 170	Calaulua fan DiaGai	(1)	submitted course(s) for articulation	
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has no submitted course(s) for articulation	
	OR		OR	
MATH 21A	Calculus	(4)	MATH 1 Calculus I (5	5)
MATH 21B	Calculus	(4)	I control of the cont	4)
DIVETOR 7A	Conoral Physics	(1)	DIVIGE OF CONTROL Physics	 1 \
PRISICS /A	General Physics	(4)	PHYSC 2A & General Physics (4 PHYSC 2B General Physics (4	±) 4)
PHYSICS 7B	General Physics	(4)	PHYSC 2A & General Physics (4	,
11110100 / D	Scherar Thybres	(1)	:	1) 1)
PHYSICS 7C	General Physics	(4)	·	4)
-	4	. /	· _	4)
THE SEC 18 SEC. 18 3				-

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

END OF MAJOR

====Nutrition Science B.S.====

Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For

details see the UC Davis $\underline{\text{transfer admission website}}$. 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.

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

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

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

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

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

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

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

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

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

The	remaining preparatory subje		nattor is based on which	
SOCIOL 46A	Intro Social Rsch	(4)	NO COMPARABLE COURSE	
PSYCH 41	Research Methods OR	(4)	PSYCH 4 Introduction to Research Methods in Psychology OR	(3)
	Discoveries and Concepts			(3)
CHEM 129A	Organic Chem Lab	(2)	CHEM 12A Organic Chemistry	(5)
C111111 120D	organic chemipery	(3)	CHEM 12B Organic Chemistry	(5)
CHEM 128A CHEM 128B	Organic Chemistry Organic Chemistry		CHEM 12A Organic Chemistry CHEM 12A & Organic Chemistry	(5) (5)
105	OR		CHEM 12B Organic Chemistry OR	
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 12A & Organic Chemistry	(5)
	Org Chem, Hlth & Sci		CHEM 12A Organic Chemistry	(5)
CHEM 8A CHEM 8B	Organic Chem-Brief Organic Chem-Brief OR			
	Genl Chemistry		CHEM 1B General Chemistry	(5)
CHEM OC	Carl Charleston	/ - \	CHEM 1B General Chemistry	
	Genl Chemistry Genl Chemistry		CHEM 1A General Chemistry CHEM 1A & General Chemistry	
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 2 & General Zoology BIOL 3 General Botany	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1 & Core Biology BIOL 2 & General Zoology BIOL 3 General Botany	(4) (5) (4)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	Core protogy	(4)

The remaining preparatory subject matter is based on which major option you choose:

NUTRITIONAL BIOLOGY OPTION:

ANTHRO 2	Cultural Anthropology OR	(5)	ANTHR 1	Cultural Anthropology OR	(3)
PSYCH 1	General Psychology	(4)	PSYCH 1	_	(3)
	OR	į		OR	
SOCIOL 1	Intro Sociology	(5)	SOCIO 1A	Introduction to Sociology	(3)
	OR			OR	
SOCIOL 3	Social Problems	(4) 5	SOCIO 1B	Problems of a Changing Society	(3)
MATH 16A	Short Calculus	1 (E) 	 MATH 13 OR	Survey of Calculus	(4)
		1	мат <u>н</u> 1	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 2	Calculus II	(4)
PHYSICS 1A		!		RABLE COURSE	

NUTRITION IN PUBLIC HEALTH OPTION:

ANTHRO 2	Cultural Anthropology OR	(5) ANTHR 1 	Cultural Anthropology (3 OR)
SOCIOL 1	Intro Sociology	(5) SOCIO 1A	Introduction to (3 Sociology)
SOCIOL 3	OR Social Problems	 (4) SOCIO 1B	OR Problems of a Changing (3	٠,
SOCIOL 3	SOCIAL PLODIEMS	(4) 50010 16	Society	,
ECON 1A	Princ of Microecon	(4) ECON 1B	Principles of (3)
			Microeconomics	
ECON 1B	Princ of Macroecon	(4) ECON 1A	Principles of (3)
		 	Macroeconomics	_
PSYCH 1	General Psychology	(4) PSYCH 1	Introduction to (3 Psychology)
		 		_

LOWER-DIVISION ELECTIVES BY AREA FOR THE NUTRITION IN PUBLIC HEALTH OPTION:

Agricultural and Health Policy Area:

AGRESEC 15 Pop, Envr, World Agri

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

Cultural Diversity and Community Change Area:

AMR STD 55	Food in Amer Culture	(4)	NO COURSE ARTICULATED: College has not
Same as:	FD S&T 55		submitted course(s) for articulation
CM&RGDE 2	Ethnicity Amer Comm	(4)	SOCIO 33 Social Inequality in (3)
			the United States
INT AG 10	Intro Intl Ag Development	(4)	NO COMPARABLE COURSE

Natural and Applied Sciences Area:

CM&RGDE 20 Food Systems

- (4) NO COURSE ARTICULATED: College has not |submitted course(s)for articulation
- PHILOS 15 Intro to Bioethics (4) NO COMPARABLE COURSE SCI&SOC 2 Feeding the Planet (3) NO COMPARABLE COURSE

END OF MAJOR

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

Special Advising Note:

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

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

Special Advising Note for future applicants:*

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

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

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

- -Chemistry 2A/B/C or Chemistry 2AH/BH/CH
- -Chemistry 118 A/B/C or Chemistry 128A/B/C, 129A/B/C
- -Mathematics 21A/B/C/D
- -Mathematics 16A/B/C or Mathematics 17A/B/C or Mathematics 21A/B/C

We strongly recommend that you complete courses comparable to the following UC Davis courses with C or better grades before matriculating to UC Davis. Completion of these courses will help you move more efficiently toward graduation:

- -Physics 7A/B/C or Physics 9A/B/C
- -Biological Sciences 2A
- -Biological Sciences 2B or 2C
- -Statistics 13 or 32

*Information for future applicants is subject to change

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

CHEM 2A Genl Chemistry (5) CHEM 1A General Chemistry (5) CHEM 2B Genl Chemistry (5) CHEM 1A $\underline{\mathbf{e}}$ General Chemistry (5)

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

	OR		OR
CHEM 2AH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE
	Honors Genl Chemistry		NO COMPARABLE COURSE
HEM 2CH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE
HYSICS 7A	General Physics	(4)	PHYSC 2A & General Physics (4)
			PHYSC 2B General Physics (4)
HYSICS 7B	General Physics	(4)	PHYSC 2A $\underline{\&}$ General Physics (4)
			PHYSC 2B General Physics (4)
HYSICS 7C	General Physics	(4)	PHYSC 2A $\&$ General Physics (4)
			PHYSC 2B General Physics (4)
heir commuseries befo series may bavis, and	nity college that is equiv re transferring. Students be required to take additi	alent who to onal	mplete an entire physics series at 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
hysics.	O.D.		A.D.
TIVETEE OA	OR	/ E \	OR Duyse 4 Principles of Physics: (4)
HYSICS 9A	Classical Physics	(5)	PHYSC 4A Principles of Physics: (4) Mechanics
PHYSICS 9B	Classical Physics	(5)	PHYSC 4B Principles of Physics: (4) Waves, Sound, and Thermodynamics
PHYSICS 9C	Classical Physics	(5)	PHYSC 4C Principles of Physics: (4) Electricity and Magnetism
 MATH 16A	Short Calculus	·	MATH 13 Survey of Calculus (4)
IAIN IOA	Short Carculus	(3)	OR
			MATH 1 Calculus I (5)
ATH 16B	Short Calculus	(3)	MATH 2 Calculus II (4)
ATH 16C	Short Calculus	(3)	MATH 2 Calculus II (4)
	OR		OR
IATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
IATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not
	07		submitted course(s) for articulation
יא חודו מו	OR	(1)	OR
ATH 21A		(1)	MATH 1 Calculus I (5) MATH 2 Calculus II (4)
ATH 21B	Calculus	(1)	MATH 2 Calculus II (4) MATH 3 Vector Calculus (4)
ATH 21C			MAIH 3 VECTOR CARCURUS (4)
	Intro Biology:Life on		
SIOLSCI 2B	Earth	(E \	 BIOL 1 & Core Biology (4)
TOTOCT 7R	& Evolution	(3)	BIOL 2 & General Zoology (4)
	α Ενυταίτομ		BIOL 2 $\underline{\alpha}$ General Zoology (5) BIOL 3 General Botany (4)
	OR		BIOL 3 General Botany (4)
STOLSCT 2C		(5)	BIOL 2 & General Zoology (5)
TOBSET ZE	Biodiversity & the Tree	(3)	BIOL 3 General Botany (4)
	of Life		
	Elementary Statistics STATIST 13Y	(4)	MATH 12 Introduction to (4) Probability and Statistics
	OR		PSYCH 2 Statistical Methods for (3) Psychology and Social Science OR
יים ייס דיים מייי	Gateway to Data Science	(4)	·
1A1101 32	Galeway to Data Science	(±)	INO COMPARADLE COURSE

						_
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM	12A	Organic Chemistry (5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM	12A 8	Organic Chemistry (5)
			CHEM	12B	Organic Chemistry (5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM	12B	Organic Chemistry (5)
	OR				OR	
CHEM 128A	Organic Chemistry	(3)	CHEM	12A	Organic Chemistry (5)
CHEM 128B	Organic Chemistry	(3)	CHEM	12A 8	$\mathbf{\underline{k}}$ Organic Chemistry (5)
			CHEM	12B	Organic Chemistry (5)
CHEM 128C	Organic Chemistry	(3)	CHEM	12B	Organic Chemistry (5)
CHEM 129A	Organic Chem Lab	(2)	CHEM	12A	Organic Chemistry (5)
CHEM 129B	Organic Chem Lab	(2)	CHEM	12A 8	$\mathbf{\underline{k}}$ Organic Chemistry (5)
			CHEM	12B	Organic Chemistry (5)
CHEM 129C	Organic Chem Lab	(2)	CHEM	12B	Organic Chemistry (5)

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

General Cata		s are detailed in the UC Davis 2018-19 arts for $\overline{\text{AP}}$ and $\overline{\text{IB}}$ are also
	GENE	ERAL EMPHASIS:
PHILOS 12		(4) PHILO 30 Introductory Logic (3)
AN	D ONE COURSE FROM ANY THE	REE OF THE FOLLOWING AREAS
	a. <u>GENE</u> F	RAL PHILOSOPHY
PHILOS 1	Intro to Philos	(4) PHILO 6 Introduction to (3) Philosophy
	b. ANC	ENT PHILOSOPHY
PHILOS 21 P	hil Classics: Ancient	(4) NO COMPARABLE COURSE
	c. EARLY N	MODERN PHILOSOPHY
PHILOS 22 P	hil Classics: Modern	(4) NO COMPARABLE COURSE
	d. PHILO	DSOPHY OF MIND
PHILOS 13G	Minds, Brains Comp w/Disc	(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	e.	ETHICS:
d) PHILOS 14	Eth Soc Prob in Soc OR	(4) PHILO 40 Ethics (3) OR
PHILOS 15	OR	(4) NO COMPARABLE COURSE OR
PHILOS 24	Intro to Ethics	(4) PHILO 40 Ethics (3)
	f. PHILOSO	OPHY OF SCIENCE
PHILOS 30	Intro Philos of Sci	(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PHILOS 31	OR Scientific Reason	OR (4) NO COMPARABLE COURSE OR
PHILOS 32	OR Scientific Change OR	(4) NO COMPARABLE COURSE OR
PHILOS 38	Intro Philos of Biol	(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	g. PHILOS	OPHY OF LANGUAGE
PHILOS 17	Language, Thought & World	(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
		-LAW EMPHASIS ROM THE FOLLOWING:
d) PHILOS 14	Eth Soc Prob in Soc	(4) PHILO 40 Ethics (3)
PHILOS 15	Intro to Bioethics	(4) NO COMPARABLE COURSE

PHILOS 16	Phil Foundations of Amer Democ	(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation	-				
	ALL OF THE FOLLOWING COURSES:						
c) PHILOS 5	Critical Reasoning	(4) PHILO 30 Introductory Logic (3))				
PHILOS 12	Intro to Symbol Logic	(4) PHILO 30 Introductory Logic (3))				
PHILOS 24	Intro to Ethics	(4) PHILO 40 Ethics (3))				
	 DDR-MR	ED EMPHASIS:	-				
		OM THE FOLLOWING:					
PHILOS 24	Intro to Ethics	(4) PHILO 40 Ethics (3))				
PHILOS 30	Intro Philos of Sci	(4) NO COURSE ARTICULATED: College has not	_				
		submitted course(s) for articulation					
	Scientific Reason						
PHILOS 32	Scientific Change	(4) NO COMPARABLE COURSE					
ALL OF THE FOLLOWING COURSES:							
PHILOS 12	Intro to Symbol Logic	(4) PHILO 30 Introductory Logic (3))				
PHILOS 15	Intro to Bioethics	(4) NO COMPARABLE COURSE					
PHILOS 38	Intro Philos of Biol	(4) NO COURSE ARTICULATED: College has not	-				
		submitted course(s) for articulation					
			_				

END OF MAJOR

- d) Students who complete PHILO 40 at San Joaquin Delta College will receive credit at UC Davis for PHILOS 14 or 24, not both
- c) Students who complete PHILO 30 at San Joaquin Delta College will receive credit at UC Davis for PHILOS 5 or 12, not both

====Physics A.B.====

Special Advising Note:

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

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

Special Advising Note for future applicants:*

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

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

Strive to achieve your highest possible GPA in order to be most competitive. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 3.00 for the selective major course group. It is recommended that candidates have a cumulative GPA of at least 3.00 for the group of courses below that have been completed at the time of application and through the transfer academic update filing period. Whether planning for the general

application or TAG process, courses must be taken for a letter grade, with no grade less than C. (Advanced Placement (AP) or International Baccaulaureate (IB) Higher Level examinations may satisfy UC course equivalents).

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

*Information for future applicants is subject to change

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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PHYSICS	9A	Classical Physics	(5)	PHYSC 4A 	Principles of Physics: (4) Mechanics
PHYSICS	9B	Classical Physics	(5)	PHYSC 4B	Principles of Physics: (4) Waves, Sound, and
PHYSICS	9C	Classical Physics	(5)	 PHYSC 4C 	Thermodynamics Principles of Physics: (4) Electricity and Magnetism
PHYSICS	9D	Modern Physics OR	(4)	 NO COMPARA 	ABLE COURSE OR
PHYSICS	9на	Honors Physics	(5)	l .	ARTICULATED: College has not course(s) for articulation
PHYSICS	9НВ	Honors Physics	(5)	!	ARTICULATED: College has not course(s) for articulation
PHYSICS	9HC	Honors Physics	(5)	!	ARTICULATED: College has not course(s) for articulation
PHYSICS	9HD	Honors Physics	(5)		ARTICULATED: College has not

PHYSICS 9HE	Honors Physics	(5)	NO COURSE	course(s) for articulate ARTICULATED: College has course(s) for articulate	s not
MATH 21A	Calculus	(4)	MATH 1	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 2	Calculus II	(4)
MATH 21C	Calculus	(4)	MATH 3	Vector Calculus	(4)
MATH 21D	Vector Analysis	(4)	MATH 3	Vector Calculus	(4)
MATH 22A	Linear Algebra	(3)	MATH 5	Linear Algebra	(3)
MATH 22B	Differntl Equations	(3)	MATH 4	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 highly recommended that students complete a calculus-based physics series, a calculus series through linear algebra and differential equations, and a formal course in C programming before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree. As a result, students who expect to graduate in two years will need the recommended courses upon entry.

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

Special Advising Note for future applicants:*

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

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

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

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

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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)	PHYSC 4A 	Principles of Physics: Mechanics	(4)
PHYSICS 9B	Classical Physics	(5)	PHYSC 4B	Principles of Physics: Waves, Sound, and Thermodynamics	(4)
PHYSICS 9C	Classical Physics	(5)	 PHYSC 4C 	-	(4)
PHYSICS 9D	Modern Physics	(1)	INO COMDAD:	ABLE COURSE	
PHISICS 9D	OR	(4)	INO COMPARA	OR	
DIIIIATAA OIII	~	(-)	NO GOTTD OF		
PHYSICS 9HA	Honors Physics	(5)	1	ARTICULATED: College has	
			1	course(s) for articulati	
PHYSICS 9HB	Honors Physics	(5)	1	ARTICULATED: College has	
			!	course(s)for articulation	
PHYSICS 9HC	Honors Physics	(5)	NO COURSE	ARTICULATED: College has	not
			submitted	course(s) for articulati	.on
PHYSICS 9HD	Honors Physics	(5)	NO COURSE	ARTICULATED: College has	not
			submitted	course(s) for articulati	.on
PHYSICS 9HE	Honors Physics	(5)	NO COURSE	ARTICULATED: College has	not
			submitted	course(s) for articulati	.on
MATH 21A		(4)	 матн 1	 Calculus I	(5)
MATH 21B	Calculus		I	Calculus II	(4)
MATH 21C	Calculus	, ,	I	Vector Calculus	(4)
MATH 21D	Vector Analysis		1	Vector Calculus	(4)
MATH 21D	Linear Algebra		1	Linear Algebra	(3)
	2		1	2	
MATH 22B	Differntl Equations	(3)	MATH 4 	Differential Equations	(4)
PHYSICS 40	Intr Physics Computation	(4)	NO COURSE	ARTICULATED	
PHYSICS 80	Experimental Techniques				
		. ,		•	

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

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

END OF MAJOR

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

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

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

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See http://llc.ucdavis.edu/foreign-language-placement-exams and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 $\underline{\text{General Catalog}}$. 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 1 | Core Biology (4) |

BIOLSCI 2B Intro Biology: Ecology (5) | BIOL 1 | & Core Biology (4) |

& Evolution | BIOL 2 | General Zoology (5) |

BIOLSCI 2C Intro Biology: (5) | BIOL 2 | General Botany (4) |

BIOLSCI 2C Intro Biology: (5) | BIOL 2 | General Zoology (5) |

BIOL 3 | General Botany (4) |

BIOL 3 | General Botany (4) |

CHEM 2A | Genl Chemistry (5) | CHEM 1A | General Chemistry (5) |

CHEM 2B | Genl Chemistry (5) | CHEM 1A | General Chemistry (5) |

CHEM 2B | General Chemistry (5) | CHEM 1B | General Chemistry (5) |

CHEM 1B | General Chemistry (5) |

CHEM 1B | General Chemistry (5) |

CHEM 1B | General Chemistry (5) |

CHEM 1B | General Chemistry (5) |

CHEM 1B | General Chemistry (5) |

CHEM 1B | General Chemistry (5) |

CHEM 1B | General Chemistry (5) |

CHEM 1B | General Chemistry (5) |

CHEM 1B | CORE Biology (4) |

CHEM 2B | General Chemistry (5) |

CHEM 2B | General Chemistry (5) |

CHEM 1B | General Chemistry (5) |

CHEM 2B | CHEM 1B | General Chemistry (5) |

CHEM 2B | CHEM 1B | CHEM 1B |

CHEM 2B | CORE Biology (4) |

CHEM 2B | CORE Biology (4) |

CHEM 2B | CORE Biology (4) |

CHEM 2B | CORE Biology (4) |

CHEM 2B | CORE Biology (4) |

CHEM 2B | CORE Biology (5) |

CHEM 2B | CORE Biology (4) |

CHEM 2B | CORE Biology (5) |

CHEM 2B | CORE Biology (4) |

CHEM 2B | CORE Biology (4) |

CHEM 2B | CORE Biology (5) |

CHEM 2B | CORE Biology (4) |

CHEM 2B | CORE Biology (4) |

CHEM 2B | CORE Biology (4) |

CHEM 2B | CORE Biology (4) |

CHEM 2B | CORE Biology (4) |

CHEM 2B | CORE Biology (4) |

CHEM 2B | CORE Biology (4) |

CHEM 2B | CORE Biology (4) |

CHEM 2B | CORE Biology (4) |

CHEM 2B | CORE Biology (4) |

CHEM 2B | CORE Biology (4) |

CHEM 2B | CORE Biology (4) |

CHEM 2B | CORE Biology (4) |

CHEM 2B | CORE Biology (4) |

CHEM 2B | CORE Biology (4) |

CHEM 2B | CORE Biology (4) |

CHEM 2B | CORE Biology (4) |

CHEM 2B | CORE Biology (4) |

CHEM 2B | CORE Biology (4) |

CHEM 2B | CORE Biology (4) |

CHEM 2B | CORE Biology (4) |

CHEM 2B | CORE Biol

CHEM 8A Organic Chem-Brief CHEM 8B Organic Chem-Brief	(2) NO COMPARABLE COURSE (4) NO COMPARABLE COURSE	
STATIST 13 Elementary Statistics Same as: STATIST 13Y	(4) MATH 12 Introduction Probability Statistics OR	' ' '
	: -	Methods for (3) and Social

RECOMMENDED COURSES:

CHEM 2C Genl Chemistry (5) | CHEM 1B General Chemistry (5)

END OF MAJOR

====Plant Biology B.S.====

Special Advising Note:

The following majors in the College of the Biological Sciences--biochemistry and molecular biology; biological sciences; cell biology; evolution, ecology, and biodiversity; genetics and genomics; marine and coastal science (marine ecology & organismal biology); microbiology; neurobiology, physiology, and behavior; and plant biology--are selective and require preparatory coursework for admission. Any required courses that are offered at your current campus must be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses are not offered at your college, you must complete them after enrolling at UC Davis.

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REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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Mathematics 17A/B/C or 21A/B Chemistry 2A/B/C Biological Sciences 2A/B/C

It is also <u>strongly recommended</u> that transfer students complete courses comparable to the following UC Davis courses. Completion of these courses will help you move more efficiently toward graduation. Courses should be taken for a letter grade, with no grade less than C:

Organic Chemistry series cited on ASSIST for your major* Physics 7A/B/C or the physics series cited on ASSIST for your intended College of Biological Sciences major (especially useful for Neurobiology, Physiology and Behavior majors).

* Students planning for the major biochemistry and molecular biology should

complete Organic Chemistry 118A/B/C rather than 8A/B. Students planning for the major marine and coastal science (marine ecology & organismal biology) should complete Organic Chemistry 8A/B; however, students may substitute Chemistry 118A/B/C.

Transfer students must also meet UC transfer admission requirements. UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. See the UC Transfer
Admission webpage. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

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Intersegmental General Education Transfer Curriculum (IGETC)/ HC Davis General

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis 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 2	A Intro Biology:Life on Earth	(5)	BIOL 1 Core Biology	(4)
BIOLSCI 2		(5)	BIOL 1 & Core Biology BIOL 2 & General Zoology BIOL 3 General Botany	(4) (5) (4)
BIOLSCI 2	C Intro Biology: Biodiversity & the Tree of Life		BIOL 2 & General Zoology BIOL 3 General Botany	(5)
CHEM 2A CHEM 2B	Genl Chemistry Genl Chemistry Genl Chemistry	(5)	CHEM 1A General Chemistry CHEM 1A & General Chemistry CHEM 1B General Chemistry CHEM 1B General Chemistry	y (5) y (5)
CHEM 8A CHEM 8B		(2)	NO COMPARABLE COURSE NO COMPARABLE COURSE OR	
CHEM 118A		(4)	CHEM 12A Organic Chemist:	ry (5)

CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 12A & Organic Chemistry (5 CHEM 12B Organic Chemistry (5	•
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 12B Organic Chemistry (5	,
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has no submitted course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has no submitted course(s) for articulation	ot
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has no submitted course(s) for articulation	ot
	OR		OR	
MATH 21A		(4)	OR MATH 1 Calculus I (5	5)
MATH 21A MATH 21B	Calculus	, ,	ļ	,
	Calculus Calculus	(4)	MATH 1 Calculus I (5	1)
MATH 21B	Calculus Calculus	(4)	MATH 1 Calculus I (5 MATH 2 Calculus II (4	1) 1)
MATH 21B	Calculus Calculus	(4)	MATH 1 Calculus I (5 MATH 2 Calculus II (4 	1) 1)
MATH 21B PHYSICS 7A	Calculus Calculus General Physics	(4)	MATH 1 Calculus I (5 MATH 2 Calculus II (4 PHYSC 2A & General Physics (4 PHYSC 2B Genera	1) 1) 1)
MATH 21B PHYSICS 7A	Calculus Calculus General Physics	(4)	MATH 1	1) 1) 1) 1)

It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

RECOMMENDED COURSES:

BIOLSCI 20Q	Modeling in Biology	(2) NO COURSE	ARTICULATED: College	has not
		submitted	course(s) for articul	lation
MATH 21C	Calculus	(4) MATH 3	Vector Calculus	(4)

END OF MAJOR

====Plant Sciences B.S.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is $\frac{\text{highly recommended}}{\text{Preparing well for the major helps}}$ students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. See the UC Transfer Admission website for details. UC Davis requires that students complete the minimum transfer admission requirement by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College of Agricultural and Environmental Sciences (A&ES) General Education (GE) English Composition Requirement for the Bachelor's Degree:

The College of A&ES English Composition requirement for the Bachelor's degree is an element of the UC Davis General Education (GE) pattern. This GE requirement may be satisfied by completing either two courses emphasizing written expression OR one course emphasizing written expression and one course emphasizing oral expression, with a grade of C- (or P) or better. The following UC Davis lower-division courses are among those that have been approved to satisfy this requirement: English 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (emphasis in either writing or speaking skills). The English Composition requirement may also be met by achieving a score of 4 or 5 on the Advanced Placement (AP) English examination PLUS completing any previously listed course, EXCEPT English 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC transfer students who have successfully completed the IGETC lower-division coursework are exempt from all GE requirements that may be met with lower-division courses. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer admission. See the UC Transfer Admission website. The courses used for the A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

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BIOLSCI 2A	Intro Biology:Life on Earth	(5) BIOL 1	Core Biology	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	· —	Core Biology General Zoology General Botany	(4) (5) (4)
PL SCI 2	Bot Physio Cul Plt	(4) PLANT 10	Principles of Plant Science	(3)

CHEM 2A	Genl Chemistry	(5)	CHEM 1A General Chemistry (5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A & General Chemistry (5)
			CHEM 1B General Chemistry (5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B General Chemistry (5)
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE
CHEM 8B	Organic Chem-Brief		NO COMPARABLE COURSE
011211 02	OR	(- /	OR
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 12A Organic Chemistry (5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 12A & Organic Chemistry (5)
			CHEM 12B Organic Chemistry (5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 12B Organic Chemistry (5)
MATH 16A	Short Calculus	(3)	MATH 13 Survey of Calculus (4)
MAIH IOA	SHOLE CALCULUS	(3)	OR
			MATH 1 Calculus I (5)
MATH 16B	Short Calculus	(3)	MATH 2 Calculus II (4)
	OR		OR
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not
MARIE 100		(1)	submitted course(s) for articulation
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
			submitted course(s) for articulation
PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE
PHYSICS 1B			NO COMPARABLE COURSE
	OR		OR
PHYSICS 7A	General Physics	(4)	PHYSC 2A $\underline{\&}$ General Physics (4)
			PHYSC 2B General Physics (4)
PHYSICS 7B	General Physics	(4)	PHYSC 2A & General Physics (4)
DITTIOT GG GG	G 1 71 '	(1)	PHYSC 2B General Physics (4)
PHYSICS 7C	General Physics	(4)	PHYSC 2A & General Physics (4)
Tt ia biab	ly recommended that student	g go:	PHYSC 2B General Physics (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
physics.			_
ABIOSYT 49	Fld Equip Oper	(2)	NO COURSE ARTICULATED: College has not
	O.D.		submitted course(s)for articulation
DI GGT 40	OR	(2)	OR
PL SCI 49	Org Crop Prod Prac	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
			Submitted Course(s) for articulation
	COURSES FOR THE	CROP	PRODUCTION OPTION:
ECON 1A	Princ of Microecon	(4)	ECON 1B Principles of (3)
			Microeconomics
	OR		OR
AGRESEC 15	Pop,Envr,World Agri	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
END OF MAJ	UK		

====Political Science - Public Service A.B.==== Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis transfer admission website. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

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College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See http://llc.ucdavis.edu/foreign-language-placement-exams and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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POL SCI 1 Amer Natl Govt (4) | POLSC 1 American Government and (3) | Institutions

THREE COURSES FROM THE FOLLOWING:

POL SCI	2	Intro Comp Politics	(4)	POLSC 2 	Introduction to Comparative Politics	(3)
POL SCI	3	Internatl Relations	(4)	POLSC 5	International Relations	(3)
POL SCI	4	Bas Cnpt/Pol Thry	(4)	POLSC 3	Introduction to	(3)
					Political Theory	
POL SCI	5	Probs/Am Pol Sys	(4)	NO COMPARA	BLE COURSE	
POL SCI	7	Law & Politics	(4)	NO COMPARA	BLE COURSE	
POL SCI	51	Scientific Study of Politics	(4)		ARTICULATED: College has course(s) for articulation	

ONE COURSE FROM THE FOLLOWING:

POL SCI 12Y Data Visualization (4) NO COURSE ARTICULATED: College has not Same as: COMUNCN 12Y, PSYCH 12Y submitted course(s) for articulation

SOCIOL 12Y

STATIST 13 Elementary Statistics (4) MATH 12 Introduction to (4)

Same as: STATIST 13Y Probability and
Statistics

OR

PSYCH 2 Statistical Methods for (3)

Psychology and Social

Science

STATIST 32 Gateway to Data Science (4) NO COMPARABLE COURSE

END OF MAJOR

====Political Science A.B.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis transfer admission website. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

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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.

POL SCI 1	Amer Natl Govt	(4)	POLSC 1
POL SCI 2	Intro Comp Politics	(4)	POLSC 2
POL SCI 3	Internatl Relations	(4)	POLSC 5 International Relations (3)
POL SCI 4	Bas Cnpt/Pol Thry		POLSC 3 Introduction to (3)
			Political Theory
	ONE COURSE F	ROM T	HE FOLLOWING:
	_		ly once for major preparation
POL SCI 1	Amer Natl Govt	(4)	POLSC 1 American Government and (3) Institutions
POL SCI 2	Intro Comp Politics	(4)	POLSC 2 Introduction to (3)
			Comparative Politics
POL SCI 3	Internatl Relations	(4)	POLSC 5 International Relations (3)
POL SCI 4	Bas Cnpt/Pol Thry	(4)	POLSC 3 Introduction to (3)
			Political Theory
POL SCI 5	Probs/Am Pol Sys		NO COMPARABLE COURSE
POL SCI 7	Law & Politics	(4)	NO COMPARABLE COURSE
POL SCI 11A	America Decides	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s)for articulation
POL SCI 11B	Citizen Lawmaking	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
POL SCI 11C	Politics & Film	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s)for articulation
POL SCI 11D	Political Persuasion	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s)for articulation
POL SCI 12A	Politics & Sports	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s)for articulation
POL SCI 12B	Climate Chg & Politics	(4)
DOT CCT E1	Caiontifia Ctudy of	(4)	NO COURSE ARTICULATED: College has not
POL SCI SI	Politics	(4)	submitted course(s) for articulation
	FOIICICS		Submitted Course(s) for articulation
POL SCI 12Y	Data Visualization	(4)	NO COURSE ARTICULATED: College has not
			ted course(s) for articulation
	CIOL 12Y		, ,
	OR		OR
STATIST 13	Elementary Statistics	(4)	MATH 12 Introduction to (4)
Same as:	STATIST 13Y		Probability and
			Statistics
			<u>OR</u>

STATIST 13 Elementary Statistics (4) MATH 12 Introduction to (4)

Same as: STATIST 13Y Probability and
Statistics

OR

PSYCH 2 Statistical Methods for (3)
Psychology and Social
Science
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
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Applicants to psychology apply to the major, without reference to A.B. or B.S. degrees or emphases, which are chosen after enrollment at UC Davis. Transfer students are advised that although requirements for admission (listed above) in the psychology major are the same for the A.B. and B.S. degree options, lower-division preparation for graduation in the major may vary based on the degree and emphasis. Students are encouraged to view coursework for the A.B. degree and the B.S. degree with available biological and quantitative emphases.

Although not required for admission selection to the psychology major, it is highly recommended that students planning for a B.S. degree in psychology complete courses comparable to the UC Davis chemistry courses that apply to the student's degree and emphasis before enrolling at UC Davis.

*Students planning for a B.S. degree in psychology with biological emphasis are encouraged to complete Biological Sciences 2A rather than Biological Sciences 10. Also, although only one biological sciences course is required for admission, students interested in pursuing a B.S. degree with biological emphasis are encouraged to complete the recommended courses shown on ASSIST.

Transfer students must also meet UC transfer admission requirements. For details, see the UC Davis transfer admission website. UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ HC Davis General

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for

students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis 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)	PSYCH 1	Introduction to Psychology	(3)
PSYCH 41	Research Methods	(4)	PSYCH 4	Introduction to Research Methods in Psychology	(3)
STATIST 13 Same as:	Elementary Statistics STATIST 13Y	(4)	MATH 12 OR	Introduction to Probability and Statistics	(4)
			PSYCH 2	Statistical Methods for Psychology and Social Science	(3)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	 BIOL 1 	Core Biology	(4)

OR A COMBINATION OF

BIOLSCI 10 Everyday Biology (4) BIOL 10 Survey of Biology (4)

AND ONE COURSE FROM

ANTHRO 1 Human Evol Biol (4) ANTHR 2 Biological Anthropology (3)

OR OR

MOL&CB 10 Intro Human Heredity (4) NO COMPARABLE COURSE

OR OR

NE PH B 10 Elem Human Physio (3) BIOL 32 Human Physiology (5)

END OF MAJOR

====Psychology B.S. (Biological)====

Special Advising Note:

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

This major is selective and requires preparatory coursework for admission. Any

required courses that are offered at your current campus must be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses are not offered at your college, you must complete them after enrolling at UC Davis.

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.90 for the course group. It is recommended that candidates have a cumulative GPA of at least 2.90 for courses in the group below that have been completed by the time of application and maintain the GPA through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

> Psychology 1; Statistics 13; One of these two options: Biological Sciences 2A, *Biological Sciences 10 and one course from: Anthropology 1 or Molecular and Cellular Biology 10 or Neurobiology, Physiology and Behavior 10

Applicants to psychology apply to the major, without reference to A.B. or B.S. degrees or emphases, which are chosen after enrollment at UC Davis. Transfer students are advised that although requirements for admission (listed above) in the psychology major are the same for the A.B. and B.S. degree options, lower-division preparation for graduation in the major may vary based on the degree and emphasis. Students are encouraged to view coursework for the A.B. degree and the B.S. degree with available biological and quantitative emphases.

Although not required for admission selection to the psychology major, it is highly recommended that students planning for a B.S. degree in psychology complete courses comparable to the UC Davis chemistry courses that apply to the student's degree and emphasis before enrolling at UC Davis.

*Students planning for a B.S. degree in psychology with biological emphasis are encouraged to complete Biological Sciences 2A rather than Biological Sciences 10. Also, although only one biological sciences course is required for admission, students interested in pursuing a B.S. degree with biological emphasis are encouraged to complete the recommended courses shown on ASSIST.

Transfer students must also meet UC transfer admission requirements. For details, see the UC Davis transfer admission website. UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation.

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://taq.ucdavis.edu for details regarding UC Davis TAG.

Transfer Admission Guarantee (TAG) Note:

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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.

PSYCH 1	General Psychology	(4)	PSYCH 1 	Introduction to Psychology	(3)
	Research Methods	(4)	PSYCH 4		(3)
STATIST 13	Elementary Statistics STATIST 13Y	(4)	MATH 12 OR	Introduction to Probability and Statistics	(4)
			PSYCH 2	Statistical Methods for Psychology and Social Science	(3)
MATH 16A	Short Calculus	(3)	MATH 13 <u>OR</u>	-	
			MATH 1	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 2	Calculus II	(4)
	OR	(-)		OR	(- /
MATH 17A	Calculus for BioSci	(1)	INO COUDER	ARTICULATED: College has	not
MAIN I/A	Calculus for Broser	(4)	!		
			1	course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)	!	ARTICULATED: College has	
			submitted	course(s) for articulation	n
	OR			OR	
MATH 21A	Calculus			Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 2		(4)
PHYSICS 10	_	(4)	 РНҮSC 10 	Introduction to Physics	(4)
	OR			OR	
PHYSICS 10C	Physics of California	(3)	!	ARTICULATED: College has course(s) for articulation	
	OR		İ	OR	
PHYSICS 7A	General Physics	(4)		General Physics General Physics	(4) (4)
PHYSICS 7B	General Physics	(4)	PHYSC 2A 8	General Physics	(4) (4)
TH da bdabl					

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.

F2							
	tro Biology:Life on rth	(5)	BIOL	1	Core Biolo	ogy	(4)
	tro Biology: Ecology Evolution	(5)		2 &	Core Biolo General Zo General Bo	oology	(4) (5) (4)
Bi	tro Biology: odiversity & the Tree Life		BIOL BIOL	_	General Zo		(5) (4)
	Chemistry Chemistry		CHEM			Chemistry Chemistry Chemistry	(5) (5) (5)
_	ic Chem-Brief ic Chem-Brief OR		!		ABLE COURSE ABLE COURSE OF	Ξ	
_	Chem, Hlth & Sci Chem, Hlth & Sci		CHEM CHEM CHEM		Organic Organic	Chemistry Chemistry Chemistry	
_	OR canic Chemistry canic Chemistry	. ,	 CHEM CHEM CHEM	12A 8	<u>k</u> Organic	Chemistry Chemistry Chemistry	

END OF MAJOR

====Psychology B.S. (Quantitative)====

Special Advising Note:

REQUIREMENTS FOR ADMISSION:

(for 2018-19)

This major is selective and requires preparatory coursework for admission. Any required courses that are offered at your current campus must be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses are not offered at your college, you must complete them after enrolling at UC Davis.

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.90 for the course group. It is recommended that candidates have a cumulative GPA of at least 2.90 for courses in the group below that have been completed by the time of application and maintain the GPA through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

Psychology 1; Statistics 13; One of these two options: Biological Sciences 2A

 $\frac{\text{or}}{\text{Biological Sciences 10 and one course from:}}$ $\text{Anthropology 1 } \frac{\text{or}}{\text{Molecular and Cellular Biology 10 or}}$ Neurobiology, Physiology and Behavior 10

Applicants to psychology apply to the major without reference to A.B. or B.S.

degrees or emphases, which are chosen after enrollment at UC Davis. Transfer students are advised that although requirements for admission (listed above) in the psychology major are the same for the A.B. and B.S. degree options, lower-division preparation for graduation in the major may vary based on the degree and emphasis. Students are encouraged to view coursework for the A.B. degree and the B.S. degree with available biological and quantitative emphases.

Although not required for admission selection to the psychology major, it is highly recommended that students planning for a B.S. degree in psychology complete courses comparable to the UC Davis chemistry courses that apply to the student's degree and emphasis before enrolling at UC Davis.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis transfer admission website. UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

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Transfer Admission Guarantee (TAG) Note:

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Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

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PSYCH 1	General Psychology	(4)	PSYCH 1	Introduction to Psychology	(3)
PSYCH 41	Research Methods	(4)	PSYCH 4	Introduction to Research Methods in Psychology	(3)
STATIST 13 Same as:	Elementary Statistics STATIST 13Y	(4)	матн 12	Introduction to Probability and Statistics	(4)
			OR PSYCH 2	Statistical Methods for Psychology and Social	(3)

			Science
MATH 21A	Calculus	(4)	MATH 1 Calculus I (5)
MATH 21B			MATH 2 Calculus II (4)
MATH 21C	Calculus	(4)	MATH 3 Vector Calculus (4)
	Programming TENG CS 30	(4)	CSP 26A JAVA Programming (3)
	OR		CSP 31A C++ Programming I (3) OR
	Intro to Programming(4) Ly ENG CS 10		NO COMPARABLE COURSE
may not	t be identical to UC Davis cansfer to UC Davis, may ne	cour	e's computer science courses ses. Community college students, o make up any topic or language
CHEM 10	_	(4)	CHEM 10 Exploring Everyday (3) Chemistry
CHEM 2A	OR Genl Chemistry	(5)	OR CHEM 1A General Chemistry (5)
CHEM 2B			CHEM 1A $\underline{\&}$ General Chemistry (5)
	OR		CHEM 1B General Chemistry (5) OR
	Honors Genl Chemistry Honors Genl Chemistry		NO COMPARABLE COURSE
PHYSICS 10	-	(4)	Physics
PHYSICS 100	OR C Physics of California	(2)	OR NO COURSE ARTICULATED: College has not
FIIIDICS IO	OR	(3)	submitted course(s) for articulation OR
PHYSICS 7A		(4)	PHYSC 2A & General Physics (4)
PHYSICS 7B	General Physics	(4)	PHYSC 2B General Physics (4) PHYSC 2A $\underline{\&}$ General Physics (4)
It is high!	v recommended that student	g (20)	PHYSC 2B General Physics (4) mplete an entire physics series at
their commuseries before series may Davis, and physics.	unity college that is equivore transferring. Students be required to take additi will need to meet with a U	alen who onal C Da	to the entire UC Davis Physics 7A/B/C cransfer without completing an entire physics courses upon arrival at UC vis advisor before continuing with
	Intro Biology:Life on Earth		
	OR A COMB	INAT	ION OF
BIOLSCI 10	Everyday Biology	(4)	BIOL 10 Survey of Biology (4)
	AND ONE C	OURS	FROM
ANTHRO 1	Human Evol Biol	(4)	ANTHR 2 Biological Anthropology (3)
MOL&CB 10	OR Intro Human Heredity OR	(4)	OR NO COMPARABLE COURSE OR
NE PH B 10	Elem Human Physio	(3)	BIOL 32 Human Physiology (5)

====Religious Studies A.B.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis transfer admission website. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General
Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See http://llc.ucdavis.edu/foreign-language-placement-exams and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 $\underline{\text{General Catalog}}$. 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	l) RELGN 	14A		eligions of tern World	E (3)
			0:	<u>R</u>			
			RELGN	14B	Great Re	eligions of	E (3)
					the West	tern World	
REL STD	1A Pilgrimag	e (4	H) NO CO	URSE AF	RTICULATE	D: College	has not
			submi	tted co	ourse(s)	for articul	lation
REL STD	1B Death and	Afterlife (4	F) NO CO	URSE AF	RTICULATE	D: College	has not
			submi	tted co	ourse(s)	for articul	lation
REL STD	1C Sacrifice	(4	H) NO CO	URSE AF	RTICULATE	D: College	has not

					submitted	course(s) for articulation
REL	STD	1D	Conversion	(4)	NO COURSE	ARTICULATED: College has not course(s) for articulation
REL	STD	1E	Fundamentalism	(4)	NO COURSE	ARTICULATED: College has not course(s) for articulation
REL	STD	1F	Religion Today	(4)	NO COURSE	ARTICULATED: College has not course(s) for articulation
REL	STD	1G	Myth Ritual Symbol	(4)		ABLE COURSE
	STD		Sex, Marriage, Divorce		1	ARTICULATED: College has not
			, , , , , , , , , , , , , , , , , , , ,	. ,		course(s)for articulation
REL	STD	1J	Music, Voice, Word	(4)	NO COURSE	ARTICULATED: College has not
					submitted	course(s)for articulation
			FOUR COURSES F	ROM '	THE FOLLOW	 ING:
REL	STD	5	Comparative Religion	(2)	NO COURSE	ARTICULATED
	STD		Intro Health Humanities	(4)	NO COURSE	ARTICULATED
REL	STD	10	Contemporary Ethical	(2)	NO COURSE	ARTICULATED: College has not
			Issues		submitted	course(s) for articulation
REL	STD	10A	Contemporary Ethical	(2)	NO COURSE	ARTICULATED: College has not
			Issues		submitted	course(s) for articulation
REL	STD	11	Ethical Eating	(4)	NO COURSE	ARTICULATED: College has not
					submitted	course(s)for articulation
REL	STD	12	Emergence Abrahamic	(4)	NO COURSE	ARTICULATED: College has not
			Religions		1	course(s)for articulation
REL	STD	21	The Bible	(4)	NO COMPARA	ABLE COURSE
REL	STD	23	Intro Judaism	(4)	NO COMPARA	ABLE COURSE
REL	STD	30	South Asian Religions	(4)	!	ARTICULATED: College has not
					!	course(s) for articulation
	STD		New Testament		1	ABLE COURSE
REL	STD	42	Religion and Sci	(4)		ARTICULATED: College has not
			Fiction			course(s) for articulation
REL	STD	45	Christianity	(4)	!	ARTICULATED: College has not
					!	course(s) for articulation
	STD		Introduction to Islam	, ,	1	ABLE COURSE
REL	STD	65C	The Qur'an and Its	(4)	!	ARTICULATED: College has not
D	C.E.D.	6 17	Interpretation	(4)	1	course(s) for articulation
REL	STD	6.7	Modern Hinduism	(4)		ARTICULATED: College has not
D	C.E.D.	60	***	(4)		course(s) for articulation
REL	STD	68	Hinduism	(4)		ARTICULATED: College has not
DET	ашъ	C 0	Tratana IIi ada Markhalaan	(1)	1	course(s) for articulation
KEL	STD	69	Intro Hindu Mythology	(4)		ARTICULATED: College has not
DET	ашъ	70	Dolinian and Ianamana	(1)	!	course(s) for articulation
KEL	STD	70	Religion and Language	(4)	!	ARTICULATED: College has not
דיזום	STD	75	Introduction to Chinese	(1)	!	course(s) for articulation
모다니	מזט	13	Philosophy	(4)	INO COMPARA	JOHE COURSE
דעם	STD	80	Religion, Gender, Sex	(1)	NO COLIDGE	ARTICULATED: College has not
КЕП	ענט	00	Religion, Gender, Sex	(+)		course(s) for articulation
_					SUDMITTEE	Course(s) for altitudation

A reading knowledge of a foreign language is highly recommended. END OF MAJOR

====Russian A.B.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <u>transfer admission website</u>. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly

recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General
Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See http://llc.ucdavis.edu/foreign-language-placement-exams and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ are also available from our TAG website.

Students with only one year or less of Russian at the community college level should consult with an advisor in the Russian Department at UC Davis before continuing on with the Russian series.

RUSSIAN 1	Elementary Russian	(5) NO COURSE ARTICULATED: College has not
		submitted course(s)for articulation
RUSSIAN 2	Elementary Russian	(5) NO COMPARABLE COURSE
RUSSIAN 3	Elementary Russian	(5) NO COMPARABLE COURSE
RUSSIAN 4	Intermed Russian	(4) NO COMPARABLE COURSE
RUSSIAN 5	Intermed Russian	(4) NO COMPARABLE COURSE
RUSSIAN 6	Intermed Russian	(4) NO COMPARABLE COURSE
END OF MAJOR		

====Science & Technology Studies A.B.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis transfer admission website. UC Davis requires that students

complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See http://llc.ucdavis.edu/foreign-language-placement-exams and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

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COLUMN 1 Takes Cai t mach Chd (4) NO COMPADADE COURSE

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	(4) NO COMPARABLE COURSE
AMR STD 1E	Nat&Cult Amr	(4) NO COMPARABLE COURSE
AMR STD 5	Tech in Amr Lives	(4) NO COMPARABLE COURSE
ENV S&P 1	Env Analysis	(4) NO COURSE ARTICULATED: College has not
		submitted course(s) for articulation
HUMAN 3 M	Medicine & Humanities	(4) NO COURSE ARTICULATED: College has not
		submitted course(s) for articulation
PHILOS 30	Intro Philos of Sci	(4) NO COURSE ARTICULATED: College has not
		submitted course(s) for articulation
PHILOS 31	Scientific Reason	(4) NO COMPARABLE COURSE
PHILOS 32	Scientific Change	(4) NO COMPARABLE COURSE
SCI&SOC 1	Critical Inquiry into	(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

Culture

SCI&TEC 32 Drugs, Science and (4) NO COURSE ARTICULATED: College has not |submitted course(s) for articulation

Same as: ANTHRO 32

4 quarter units of lower-division science courses from the Approved Science Electives list. To see the list, click on http://sts.ucdavis.edu/undergraduate/sts-majorrequirements

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:

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College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See http://llc.ucdavis.edu/foreign-language-placement-exams and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 General Catalog . Quick reference charts for AP and IB are also available from our TAG website.

			Sociology					
SOCIOL 46A	Intro Social Rsch AND	(4)	NO COMPARABLE COURSE AND					
	Intro Social Rsch	(5)						
ONE COURSE FROM THE FOLLOWING:								
SOCIOL 2	Self and Society	(4)	NO COMPARABLE COURSE					
SOCIOL 3	Social Problems	(4)	SOCIO 1B Problems of a Changing (3) Society					
SOCIOL 4	Immigrtn & Opprtnty	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation					
SOCIOL 5	Global Soc Change	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation					
SOCIOL 11	Sociology of Labor and Employment	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation					
SOCIOL 25	Popular Culture		NO COMPARABLE COURSE					
SOCIOL 30A	Multicultural Societies	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation					
SOCIOL 30B	Multicultural Societies	(3)	NO COURSE ARTICULATED: College has not					
			submitted course(s) for articulation					
	ONE COURSE FRO	OM T	HE FOLLOWING:					
ANTHRO 2	Cultural Anthropology OR	(5)	ANTHR 1 Cultural Anthropology (3) OR					
ANTHRO 20	Comparative Cultures	(4)	NO COMPARABLE COURSE					
	ONE COURSE FRO	OM T	HE FOLLOWING:					
HISTORY 4A			II.					
HISTORY 4B	Western Civ	(4)	HIST $4A \ \underline{\&}$ History of Western (3) Civilization					
			HIST 4B History of Western (3) Civilization					
			NO COMPARABLE COURSE					
HISTORY 6	Intro to Middle East		HIST 6C History of the Middle (3) East					
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 8	Indian Civilization	(4)	NO COMPARABLE COURSE					
HISTORY 9R	East Asian Civ East Asian Civ	(4)	NO COMPARABLE COURSE					
HISTORY 10C	World History III	(4)	HIST 2B World History since (3) 1600					
	Africa to 1900		NO COURSE ARTICULATED					
	Africa Today		•					
HISTORY 17A	U.S. History	(4)	HIST 17A History of the United (3) States					
HISTORY 17B	U.S. History	(4)	HIST 17B History of the United (3) States					
	ONE COURSE FRO	 OM T	HE FOLLOWING:					
a) DHITOC E	Critical Passaning	(1)	PHILO 30 Introductory Logic (3)					
	Eth Soc Prob in Soc							
	Intro to Ethics							

- c) Students who complete PHILO 30 at San Joaquin Delta College will receive credit at UC Davis for PHILOS 5 or 12, not both
- d) Students who complete PHILO 40 at San Joaquin Delta College will receive credit at UC Davis for PHILOS 14 or 24, not both

====Sociology A.B. (Comparative Studies and World Development)==== Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis transfer admission website. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

______ Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See http://llc.ucdavis.edu/foreign-language-placement-exams and check with your

UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 General Catalog . Quick reference charts for AP and IB are also available from our TAG website.

______ SOCIOL 1 Intro Sociology (5) SOCIO 1A Introduction to Sociology -----SOCIOL 5 Global Soc Change (4) NO COURSE ARTICULATED: College has not

SOCIOL 46A	Intro Social Rsch AND	(4) NO COMPARABLE COURSE
SOCIOL 46B		(5) NO COMPARABLE COURSE
ECON 1B	Princ of Macroecon	(4) ECON 1A Principles of (3) Macroeconomics

|submitted course(s) for articulation

ANTHRO 2 Cultural Anthropology (5) ANTHR 1 Cultural Anthropology (3)

OR | OR

ANTHRO 20 Comparative Cultures (4) NO COMPARABLE COURSE

HISTORY 10C World History III (4) HIST 2B World History since (3)

HISTORY 10C World History III (4) | HIST 2B World History since (3) 1600

OR OR

POL SCI 2 Intro Comp Politics (4) | POLSC 2 Introduction to Comparative Politics

Course work in one modern foreign language at the two-year level, or provide proof of proficiency (27-30 quarter units).

END OF MAJOR

====Sociology A.B. (Law & Society)====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis transfer admission website. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

HISTORY 15A Africa to 1900

Transfer students pursuing this major 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

availab	le fi	rom our TAG website.		
SOCIOL 3	1	Intro Sociology		SOCIO 1A Introduction to (3)
SOCIOL 3	3	Social Problems	(4)	SOCIO 1B Problems of a Changing (3)
		OR		OR
SOCIOL 4	4	Immigrtn & Opprtnty OR	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation OR
				NO COURSE ARTICULATED: College has not submitted course(s) for articulation
		Intro Social Rsch AND		
SOCIOL 4	46B	Intro Social Rsch	(5)	= -
		4 QUARTER UNITS	FRO	M THE FOLLOWING:
ANTHRO 2	2 (Cultural Anthropology	(5)	ANTHR 1 Cultural Anthropology (3)
ANTHRO 2	20	Comparative Cultures	(4)	NO COMPARABLE COURSE
		Comparative Cultures Amer Natl Govt		Institutions
POL SCI	3	Internatl Relations	(4)	POLSC 5 International Relations (3)
				POLSC 3 Introduction to (3) Political Theory
POL SCI	7	Law & Politics	(4)	
		4 QUARTER UNITS	FRO	M THE FOLLOWING:
HISTORY	4A	Western Civ	(4)	NO COMPARABLE COURSE
HISTORY	4B	Western Civ		HIST 4A & History of Western (3) Civilization
				HIST 4B History of Western (3) Civilization
HISTORY	4C	Western Civ	(4)	NO COMPARABLE COURSE
				HIST 6C History of the Middle (3)
HISTORY	7A	Latin America to 1700	(4)	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	(4)	NO COURSE ARTICULATED: College has not
	-	1900-Present	. ,	submitted course(s) for articulation
HISTORY	8	Indian Civilization	(4)	NO COMPARABLE COURSE
HISTORY		East Asian Civ		NO COMPARABLE COURSE
HISTORY		East Asian Civ		NO COMPARABLE COURSE
HISTORY		World History III		HIST 2B World History since (3) 1600

(4) NO COURSE ARTICULATED

HISTORY 15B	Africa Today	(4) NO COURSE	ARTICULATED	
HISTORY 17A	U.S. History	(4) HIST 17A	History of the United	(3)
			States	
HISTORY 17B	U.S. History	(4) HIST 17B	History of the United	(3)
			States	
c) PHILOS 5	Critical Reasoning	(4) PHILO 30	Introductory Logic	(3)
	OR	İ	OR	
d) PHILOS 14	Eth Soc Prob in Soc	(4) PHILO 40	Ethics	(3)
	OR		OR	
PHILOS 24	Intro to Ethics	(4) PHILO 40	Ethics	(3)

END OF MAJOR

- c) Students who complete PHILO 30 at San Joaquin Delta College will receive credit at UC Davis for PHILOS 5 or 12, not both
- d) Students who complete PHILO 40 at San Joaquin Delta College will receive credit at UC Davis for PHILOS 14 or 24, not both

====Sociology A.B. (Social Services)====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis transfer admission website. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See http://llc.ucdavis.edu/foreign-language-placement-exams and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ are also available from our TAG website.

available f	rom our TAG website.		
SOCIOL 1	Intro Sociology		SOCIO 1A Introduction to (3) Sociology
SOCIOL 2	Self and Society OR		NO COMPARABLE COURSE OR
SOCIOL 3	Social Problems		SOCIO 1B Problems of a Changing (3) Society
	Intro Social Rsch AND	, ,	NO COMPARABLE COURSE AND
	Intro Social Rsch	(5)	NO COMPARABLE COURSE
			PSYCH 1 Introduction to (3) Psychology
			ROM THE FOLLOWING:
AF-AMST 10	Af-Am Culture & Soc	(4)	NO COMPARABLE COURSE
	Intro Afro Amer Hum	(4)	NO COMPARABLE COURSE
A A STD 1	Hist Exp Asian Am	(4)	HIST 34 Asian Pacific American (3) History
A A STD 2	Contemp Issues of Asian Americans	(4)	NO COMPARABLE COURSE
CHICANO 10	Intro to Chic Std	(4)	HIST 31 Mexican-American (3) History
CHICANO 50	Chicano Culture	(4)	NO COMPARABLE COURSE
N A STD 1	Intro NA Studies	(4)	NO COMPARABLE COURSE
N A STD 10	NA Experience	(4)	NO COMPARABLE COURSE
SOCIOL 4	Immigrtn & Opprtnty	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
SOCIOL 11	Sociology of Labor and Employment	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
SOCIOL 30A	Multicultural Societies	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
SOCIOL 30B	Multicultural Societies	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

END OF MAJOR

====Sociology-Organizational Studies A.B.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis transfer admission website. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

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Advanced Discount (AD) and Tatamarki and Danadamarka (TD) Danadarki a Wata

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

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______ SOCIOL 1 Intro Sociology (5) SOCIO 1A Introduction to Sociology AND AND SOCIOL 2 Self and Society (4) NO COMPARABLE COURSE ______ SOCIOL 4 Immigrtn & Opprtnty (4) NO COURSE ARTICULATED: College has not |submitted course(s) for articulation OR OR SOCIOL 5 Global Soc Change (4) \mid NO COURSE ARTICULATED: College has not |submitted course(s) for articulation OR OR Sociology of Labor and (4) NO COURSE ARTICULATED: College has not SOCIOL 11 Employment | submitted course(s) for articulation _____ _____ SOCIOL 46A Intro Social Rsch (4) NO COMPARABLE COURSE AND SOCIOL 46B Intro Social Rsch (5) NO COMPARABLE COURSE ______ ECON 1A Princ of Microecon (4) ECON 1B Principles of Microeconomics AND AND (4) ECON 1A Principles of Macroeconomics ECON 1B Princ of Macroecon (3) ______

END OF MAJOR

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

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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:

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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 1 Elementary Spanish I (5) SPAN 1 Elementary Spanish I (5) SPAN 2 Elementary Spanish II (5) SPAN 3 Elementary Spanish II (5) SPAN 1 Elementary Spanish II (5) SPAN 2 Elementary Spanish II (5) SPAN 3 Intermediate Spanish II (5) SPAN 1 Elementary Spanish II (5) SPAN 2 Elementary Spanish II (5) SPAN 2 Elementary Spanish II (5) SPAN 3 Intermediate Spanish II (5) SPAN 3 Intermediate Spanish II (5) SPAN 4 Intermediate Spanish II (5) SPAN 2 SPANISH 23 Span Comp I (4) NO COMPARABLE COURSE SPANISH 24 Span Comp II (4) NO COMPARABLE COURSE SPANISH 31 Int Span Nat Spk II (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 SPANISH 33 Int Span Nat Spk III (5) NO COMPARABLE COURSE SPANISH 33 Int Span Nat Spk III (5) NO COMPARABLE COURSE

It is recommended that transfer students who have successfully completed a two-year sequence at the junior college level comparable to UC Davis Spanish 1

through 22 continue their study at UC Davis by taking Spanish 23. When available at the community college students are encouraged to complete courses comparable to Spanish 23 and 24. Students should consult a Spanish Department advisor at UC Davis upon enrollment.

LINGUIS 1 Intro Linguistics (4) HUM 4 Introduction to Linguistics Same as:

END OF MAJOR

====Statistics A.B.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis transfer admission website. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See http://llc.ucdavis.edu/foreign-language-placement-exams and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 General Catalog . Quick reference charts for AP and IB are also available from our TAG website.

			OR		
			MATH 1	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 2	Calculus II	(4)
MATH 16C	Short Calculus	(3)	MATH 2	Calculus II	(4)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has	not
			submitted	course(s) for articulation	on
MATH 17B	Calculus for Biosci	(4)	NO COURSE	ARTICULATED: College has	not
			submitted	course(s) for articulation	on
MATH 17C	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has	not
			submitted	course(s) for articulation	on
	OR			OR	
MATH 21A	Calculus	(4)	MATH 1	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 2	Calculus II	(4)
MATH 21C	Calculus	(4)	MATH 3	Vector Calculus	(4)
MATH 22A	Linear Algebra	(3)	MATH 5	Linear Algebra	(3)
ENG CS 32A	Intro to Programming(4)		NO COMPARA	ABLE COURSE	
	y ENG CS 10		İ		
•	OR		İ	OR	
ENG CS 36A	Programming	(4)	CSP 26A	JAVA Programming	(3)
Formerly	ENG CS 30		OR		
			CSP 31A	C++ Programming I	(3)
	OR		İ	OR	
ENG CS 36B	Object-Oriented Program	(4)	CSP 31B	C++ Programming II	(3)
Formerly	ENG CS 40		İ		

Please note that the community college's computer science courses may not be identical to UC Davis courses. Community college students, upon transfer to UC Davis, may need to make up any topic or language deficiencies.

STATIST 32 Gateway to Data Science (4) | NO COMPARABLE COURSE -----

END OF MAJOR

====Statistics B.S. (Applied Statistics Option)==== Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis transfer admission website. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General

Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ are also available from our TAG website.

MATH 16	бА	Short Calculus	(3)	MATH 13 OR	Survey of Calculus	(4)
				MATH 1	Calculus I	(5)
MATH 16	бВ	Short Calculus	(3)	MATH 2	Calculus II	(4)
MATH 16	6C	Short Calculus			Calculus II	(4)
		OR			OR	
MATH 17	7A	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has	not
				submitted	course(s) for articulati	on
MATH 17	7B	Calculus for Biosci	(4)	!	ARTICULATED: College has	
				!	course(s) for articulati	
MATH 17	7C	Calculus for BioSci	(4)	!	ARTICULATED: College has	
				submitted	<pre>course(s) for articulati</pre>	on
		OR			OR	
		Calculus		!	Calculus I	(5)
		Calculus			Calculus II	(4)
MATH 21	1C	Calculus	(4)	MATH 3	Vector Calculus	(4)
NOTE:	THE N	MATH 21A,B,C SERIES IS RE		NDED IF AVA	AILABLE 	
MATH 22	2A	Linear Algebra	(3)	MATH 5	Linear Algebra	(3)
		Intro to Programming(4) FING CS 10 OR		NO COMPARA	ABLE COURSE	
EMG GG	267		(1)	laan oon		(2)
		Programming ENG CS 30	(4)	CSP 26A	JAVA Programming	(3)
		OR		CSP 31A	C++ Programming I OR	(3)
		Object-Oriented Program ENG CS 40	(4)	CSP 31B	*=-	(3)

Please note that the community college's computer science courses may not be identical to UC Davis courses. Community college students, upon transfer to UC Davis, may need to make up any topic or language deficiencies.

AND ONE COURSE FROM

STATIST 12 Discrete Probabil (4) NO COMPARABLE COURSE

STATIST 13 Elementary Statistics (4) MATH 12 Introduction to (4) Same as: STATIST 13Y Probability and Statistics

OR

PSYCH 2 Statistical Methods for (3) Psychology and Social Science

STATIST 32 Gateway to Data Science (4) | NO COMPARABLE COURSE

PLUS TWO INTRODUCTORY COURSES SERVING AS THE PREREQUISITE TO UPPER DIVISION COURSES IN A CHOSEN DISCIPLINE TO WHICH STATISTICS IS APPLIED.

END OF MAJOR

====Statistics B.S. (Computational Statistics Option)==== Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis transfer admission website. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

______ Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General

Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 General Catalog . Quick reference charts for AP and IB are also available from our TAG website.

______ MATH 21A Calculus (4) MATH 1 Calculus I MATH 21B Calculus (4) MATH 2 Calculus II (4) (4) MATH 3 Vector Calculus MATH 21C Calculus (4)MATH 21D Vector Analysis
MATH 22A Linear Algebra (4) MATH 3 Vector Calculus (4)(3) MATH 5 Linear Algebra ______ ENG CS 36C Data Structures (4) | CSP 26B Data Structures with (3)Formerly ENG CS 60 Java

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 1	12	Discrete :	Proba	bil	(4)	NO (COMPARAI	BLE COURSE	
STATIST 1	13	Elementar	y Sta	tistics	(4)	MATI	Н 12	Introduction to	(4)
Same a	as:	STATIST 13Y						Probability and	
								Statistics	
						: -	OR O		<i>(</i> 2)
						PSY	CH 2	Statistical Methods for	(3)
								Psychology and Social	
								Science	
STATIST 3	32	Gateway to 1	Data	Science	(4)	NO (COMPARAI	BLE COURSE	

END OF MAJOR

====Statistics B.S. (General Statistics Option)==== Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis transfer admission website. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General
Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ are also available from our TAG website.

MATH 21A	Calculus	(4)	MATH	1	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH	2	Calculus II	(4)
MATH 21C	Calculus	(4)	MATH	3	Vector Calculus	(4)
MATH 21D	Vector Analysis	(4)	HTAM	3	Vector Calculus	(4)
MATH 22A	Linear Algebra OR	(3)	MATH 	5	Linear Algebra OR	(3)
MATH 67	Modern Linear Algebra	(4)	ı		ARTICULATED: College course(s) for articul	
MATH 25	Advanced Calculus	(4)	:		ARTICULATED: College course(s) for articul	
	A Intro to Programming(4) rly ENG CS 10		NO CO	OMPARA	ABLE COURSE	
TOTME	OR				OR	
	A Programming ly ENG CS 30	(4)	CSP :	26A R	JAVA Programming	(3)
_ 33	OR		CSP		C++ Programming I OR	(3)
	B Object-Oriented Program ly ENG CS 40	(4)	CSP :	31B	•	(3)

Please note that the community college's computer science courses may not be identical to UC Davis courses. Community college students, upon transfer to UC Davis, may need to make up any topic or language deficiencies.

AND ONE COURSE FROM

STATIST 13 Same as:	Elementar STATIST 131	ry Statistics Z	(4)	MATH 		Introduction to Probability and Statistics	(4)
				OF PSYCE	1 2	Statistical Methods for	(3)
				 		Psychology and Social Science	
STATIST 12 STATIST 32	Discrete Gateway to		(4) (4)	1		BLE COURSE BLE 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.

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ are also available from our TAG website.

MATH 21A		. ,	1	Calculus I	(5)
MATH 21B				Calculus II	(4)
MATH 21C			!	Vector Calculus	(4)
	4	, ,	1	Vector Calculus	(4)
MATH 22A	Linear Algebra	(3)	MATH 5 	Linear Algebra	(3)
	Intro to Programming(4) y ENG CS 10		NO COMPAI	RABLE COURSE	
	OR			OR	
ENG CS 36A	Programming	(4)	CSP 26A	JAVA Programming	(3)
Formerly	ENG CS 30		OR		
			CSP 31A	C++ Programming I	(3)
	OR			OR	
		(4)	CSP 31B	C++ Programming II	(3)
Formerly	ENG CS 40		 		
STATIST 12	Discrete Probabil	(4)	NO COMPA	RABLE COURSE	
	OR			OR	
STATIST 13	Elementary Statistics	(4)	MATH 12	Introduction to	(4)
Same as:	STATIST 13Y			Probability and	
				Statistics	
			OR		
			PSYCH 2		(3)
				Psychology and Social	
				Science	
	OR			OR	
STATIST 32	Gateway to Data Science	(4)	NO COMPA	RABLE 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 $\frac{\text{highly recommended}}{\text{Preparing well for}}$ 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.

available fr	om our TAG website.			
COMUNCN 1	Intro Public Spkg	(4)	COM ST 1A	Public Speaking (3)
PL SCI 15	Intro Sustainable Agriculture	(4)	•	ARTICULATED: College has not course(s) for articulation
CM&RGDE 20	Food Systems	(4)	!	ARTICULATED: College has not course(s)for articulation
PL PATH 40	Edible Mushroom Cult OR	(2)	!	ARTICULATED: College has not course(s)for articulation OR
PL SCI 49	Org Crop Prod Prac	(3)		ARTICULATED: College has not course(s) for articulation
	Select one of the :	 £oll	owing cour	ses:
AN SCI 41L	Domest An Prod Lab		NO COURSE	ARTICULATED: College has not
			!	course(s)for articulation
AN SCI 49A	Animal Prac/Aquaculture	(2)		ARTICULATED: College has not
AN COT AND	Animal Dana/Doof	(2)	!	course(s) for articulation
AN SCI 49B	Animal Prac/Beef	(\(\(\(\) \)		ARTICULATED: College has not course(s) for articulation
AN SCI 49C	Animal Prac/Dairy	(2)	1	ARTICULATED: College has not
AN BCI 19C	Allimat Trac/Dairy	(2)		course(s) for articulation
AN SCI 49D	Animal Prac/Goats	(2)	1	ARTICULATED: College has not
		, ,	1	course(s)for articulation
AN SCI 49E	Animal Prac/Horses	(2)	NO COURSE	ARTICULATED: College has not
			1	course(s)for articulation
AN SCI 49F	Animal Prac/Lab Animals	(2)	!	ARTICULATED: College has not
40	- 1 - 2 - 4			course(s)for articulation
AN SCI 49G	Animal Prac/Meats	(2)	!	ARTICULATED: College has not
AN SCI 49H	Animal Prac/Poultry	(2)		<pre>course(s)for articulation ARTICULATED: College has not</pre>
AN SCI 49H	Annual Plac/Poultry	(2)	!	course(s) for articulation
AN SCI 49I	Animal Prac/Sheep	(2)		ARTICULATED: College has not
		(–)	!	course(s)for articulation
AN SCI 49J	Animal Prac/Swine	(2)		ARTICULATED: College has not
			submitted	course(s)for articulation
ABIOSYT 49	Fld Equip Oper	(2)	NO COURSE	ARTICULATED: College has not
11010011 19	Tid Equip Oper	(2)		course(s)for articulation
	OR			OR
ABIOSYT 52	Field Equip Welding	(2)		ARTICULATED: College has not course(s) for articulation
	PLUS CHOOSE ONE OF	 ਧਧਾ	FOI.I.OWING	THDEE TDACKS.
	FEOD CHOOSE ONE OF	1116	POLICHING	IIIIII IIIIIII.

TRACK I: AGRICULTURE AND ECOLOGY

MATH 16A	Short Calculus	(3) MATH 13	Survey of Calculus	(4)
		OR		
		MATH 1	Calculus I	(5)
матн 16в	Short Calculus	(3) MATH 2	Calculus II	(4)

CHEM 2A Genl Chemistry CHEM 2B Genl Chemistry	(5)	CHEM 1A & General Chemistry (5) 5) 5)
PHYSICS 1A Principles Physics	(3)	NO COMPARABLE COURSE	
BIOLSCI 2B Intro Biology: Ecology & Evolution	(5)	BIOL 2 & General Zoology (4) 5) 4)
PL SCI 2 Bot Physio Cul Plt	(4)	PLANT 10 Principles of Plant (Science	3)
AN SCI 1 Domest Ani & People OR	(4)		3)
	(4)	OR NO COMPARABLE COURSE	
FD S&T 1 Food Sci Principles	(3)	NO COMPARABLE COURSE	
ECON 1A Princ of Microecon	(4)	ECON 1B Principles of (Microeconomics	3)
CM&RGDE 1 The Community	(4)	NO COURSE ARTICULATED: College has n submitted course(s) for articulation	
d) PHILOS 14 Eth Soc Prob in Soc	(4)	PHILO 40 Ethics (3)
PHILOS 15 Intro to Bioethics OR	(4)	NO COMPARABLE COURSE OR	
PHILOS 24 Intro to Ethics	(4)	<u> </u>	3)
ANTHRO 2 Cultural Anthropology OR	(5)	ANTHR 1 Cultural Anthropology (3)
POL SCI 4 Bas Cnpt/Pol Thry	(4)	POLSC 3 Introduction to (Political Theory	3)
OR SOCIOL 1 Intro Sociology OR	(5)	OR SOCIO 1A Introduction to (Sociology OR	3)
	(4)	SOCIO 1B Problems of a Changing (Society	3)
TRACK II: FO	OD 2	ND SOCIETY	
c) PHILOS 5 Critical Reasoning OR	-		3)
PHILOS 31 Scientific Reason	(4)	_	
d) PHILOS 14 Eth Soc Prob in Soc	(4)		3)
PHILOS 15 Intro to Bioethics OR	(4)	1	
	(4)	!	3)
SOCIOL 46B Intro Social Rsch OR	(5)		
STATIST 13 Elementary Statistics Same as: STATIST 13Y	(4)	MATH 12 Introduction to (Probability and Statistics	4)
		<u>OR</u> PSYCH 2 Statistical Methods for (Psychology and Social	3)

			Science	
CHEM 2A Genl Chemistry	(5)	 CHEM 1A	General Chemistry	(5)
BIOLSCI 10 Everyday Biology		•	Survey of Biology	
PL SCI 2 Bot Physio Cul Plt		PLANT 10		
BIOLSCI 2B Intro Biology: Ecology & Evolution	(5)	BIOL 2 &		(4) (5) (4)
ENV S&P 1 Env Analysis OR	(4)	!	ARTICULATED: College has course(s) for articulation	
ENV S&P 30 Global Ecosystem Same as: ENV SC&M 30 OR	(3)			
W&F BIO 10 Wildl Ecol Conserve OR	(4)	 NO COMPAR <i>i</i> 		
W&F BIO 51 Intro to Conservation Biology				on
FD S&T 1 Food Sci Principles	(3)	NO COMPARA		
SOILSCI 10 Soils in Our Environment	(3)	PLANT 14 	Soil Science	(4)
ECON 1A Princ of Microecon	(4)	ECON 1B		(3)
POL SCI 4 Bas Cnpt/Pol Thry	(4)	j	Political Theory	(3)
ANTHRO 2 Cultural Anthropology OR	(5)		Cultural Anthropology OR	(3)
	(5)	SOCIO 1A	Introduction to Sociology OR	(3)
SOCIOL 3 Social Problems	(4)	 SOCIO 1B 	Problems of a Changing Society	(3)
CM&RGDE 1 The Community	(4)			
CM&RGDE 2 Ethnicity Amer Comm		SOCIO 33	the United States	(3)
TRACK III: ECO				
MATH 16A Short Calculus			Survey of Calculus	(4)
MATH 16B Short Calculus	(3)	MATH 1	Calculus I	(5) (4)
SOCIOL 46B Intro Social Rsch				. ,
OR STATIST 13 Elementary Statistics Same as: STATIST 13Y		j	OR Introduction to Probability and	(4)
		 <u>OR</u> PSYCH 2 	Statistics Statistical Methods for Psychology and Social	(3)

		Science
CHEM 2A Genl Chemistry	(5)	CHEM 1A General Chemistry (5)
BIOLSCI 10 Everyday Biology	(4)	BIOL 10 Survey of Biology (4)
PL SCI 2 Bot Physio Cul Plt	(4)	PLANT 10 Principles of Plant (3) Science
BIOLSCI 2B Intro Biology: Ecology & Evolution	(5)	BIOL 1 & Core Biology (4) BIOL 2 & General Zoology (5) BIOL 3 General Botany (4) OR
ENV S&P 1 Env Analysis OR	(4)	OR NO COURSE ARTICULATED: College has not submitted course(s) for articulation OR
ENV S&P 30 Global Ecosystem Same as: ENV SC&M 30 OR	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation OR
W&F BIO 10 Wildl Ecol Conserve OR	(4)	NO COMPARABLE COURSE OR
W&F BIO 51 Intro to Conservation Biology	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
FD S&T 1 Food Sci Principles	(3)	NO COMPARABLE COURSE
SOILSCI 10 Soils in Our Environment	(3)	PLANT 14 Soil Science (4)
ECON 1A Princ of Microecon	(4)	ECON 1B Principles of (3) Microeconomics
ECON 1B Princ of Macroecon	(4)	ECON 1A Principles of (3) Macroeconomics
POL SCI 4 Bas Cnpt/Pol Thry	(4)	POLSC 3
ANTHRO 2 Cultural Anthropology OR	(5)	ANTHR 1 Cultural Anthropology (3)
SOCIOL 1 Intro Sociology OR	(5)	SOCIO 1A Introduction to (3) Sociology OR
SOCIOL 3 Social Problems	(4)	SOCIO 1B Problems of a Changing (3) Society
CM&RGDE 1 The Community	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
d) PHILOS 14 Eth Soc Prob in Soc	(4)	PHILO 40 Ethics (3)
PHILOS 15 Intro to Bioethics OR	(4)	NO COMPARABLE COURSE OR
PHILOS 24 Intro to Ethics	(4)	PHILO 40 Ethics (3)

END OF MAJOR

- d) Students who complete PHILO 40 at San Joaquin Delta College will receive credit at UC Davis for PHILOS 14 or 24, not both
- c) Students who complete PHILO 30 at San Joaquin Delta College will receive credit at UC Davis for PHILOS 5 or 12, not both

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis transfer admission website. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General
Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College of Agricultural and Environmental Sciences (A&ES) General Education (GE) English Composition Requirement for the Bachelor's Degree:

The College of A&ES English Composition requirement for the Bachelor's degree is an element of the UC Davis General Education (GE) pattern. This GE requirement may be satisfied by completing either two courses emphasizing written expression OR one course emphasizing written expression and one course emphasizing oral expression, with a grade of C- (or P) or better. The following UC Davis lower-division courses are among those that have been approved to satisfy this requirement: English 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (emphasis in either writing or speaking skills). The English Composition requirement may also be met by achieving a score of 4 or 5 on the Advanced Placement (AP) English examination PLUS completing any previously listed course, EXCEPT English 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC transfer students who have successfully completed the IGETC lower-division coursework are exempt from all GE requirements that may be met with lower-division courses. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer admission. See the UC Transfer Admission website. The courses used for the

A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 General Catalog . Quick reference charts for AP and IB are also available from our TAG website.

COMUNCN 1	Intro Public Spkg	(4)	COM ST	1A	Public Speaking	(3)
ENGLISH 3	Intro to Lit	(4)	ENG 1B 		Written Communications II: A Critical Introduction to Literature	(3)
	OR				OR	
UWRITING 1	Expository Writing OR	(4)	ENG 1A		Reading and Composition OR	(3)
	Style in the Essay UWRITING 18	(4)	NO COM	PARA	ABLE COURSE	
	OR				OR	
UWRITING 49 Formerly UV	Writing Research Papers WRITING 19	(4)	ENG 1D 		Advanced Composition and Critical Thinking	(3)
BIOLSCI 2B	Intro Biology: Ecology	(5)	BIOL 1	&	Core Biology	(4)
2102301 22	& Evolution	(0)	•	_	General Zoology	(5)
	a ivolación		•	_	General Botany	(4)
	ALL OF THE F	OLLO	WING CO	URSI	 Es :	
LND ARC 1	Intro Environ Design	(4)	1		ARTICULATED: College has course(s) for articulation	
LND ARC 2	Place, Culture, Community	(4)	NO COUI	RSE	ARTICULATED: College has course(s) for articulation	not
LND ARC 3	Sustainable Development	(4)	NO COU	RSE	ARTICULATED: College has course(s) for articulation	not
LND ARC 21	Landscape Rep I	(4)			ABLE COURSE	
Formerly	Design Visualization		İ			
LND ARC 30	History Environ Design	(4)	NO COU	RSE	ARTICULATED: College has	not
			submit	ted	course(s) for articulation	on
LND ARC 50	Site Ecology	(4)	NO COUI	RSE	ARTICULATED: College has	not
			submit	ted	course(s) for articulation	on
LND ARC 70	Intro to Spacemaking	(4)	1		ARTICULATED: College has	
			submit	ted	course(s) for articulation	on

AND ONE COURSE IN A PHYSICAL SCIENCE

END OF MAJOR

====Textiles and Clothing B.S. (Marketing/Economics)==== IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

The undergraduate major Textiles and Clothing in the College of Agricultural and Environmental Sciences is suspended for 2019-20, and fall 2019 TAGs will not be

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is $\frac{\text{highly recommended}}{\text{Preparing well for}}$ that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. See the UC Transfer Admission website for details. UC Davis requires that students complete the minimum transfer admission requirement by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College of Agricultural and Environmental Sciences (A&ES) General Education (GE) English Composition Requirement for the Bachelor's Degree:

The College of A&ES English Composition requirement for the Bachelor's degree is an element of the UC Davis General Education (GE) pattern. This GE requirement may be satisfied by completing either two courses emphasizing written expression OR one course emphasizing written expression and one course emphasizing oral expression, with a grade of C- (or P) or better. The following UC Davis lower-division courses are among those that have been approved to satisfy this requirement: English 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (emphasis in either writing or speaking skills). The English Composition requirement may also be met by achieving a score of 4 or 5 on the Advanced Placement (AP) English examination PLUS completing any previously listed course, EXCEPT English 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC transfer students who have successfully completed the IGETC lower-division coursework are exempt from all GE requirements that may be met with lower-division courses. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer admission. See the UC Transfer Admission website. The courses used for the

A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 General Catalog . Quick reference charts for AP and IB are also available from our TAG website.

PL SCI 21 Computers in Technology (3) NO COMPARABLE COURSE OR B) ENG CS 15 Intro to Computers (4) CS 11 Fundamentals of Computer (3) Science OR

ENG CS 36A Programming (4) CSP 26A JAVA Programming (3)

Formerly FNC CS 30

Please note that the community college's computer science courses may not be identical to UC Davis courses. Community college students, upon transfer to UC Davis, may need to make up any topic or language deficiencies.

Formerly ENG CS 30

______ ECON 1A Princ of Microecon (4) ECON 1B Principles of Microeconomics ECON 1B Princ of Macroecon (4) ECON 1A Principles of Macroeconomics ______

4 QUARTER UNITS FROM THE FOLLOWING:

SCI&SOC 1 Critical Inquiry into Contemporary Issues OR ARTHI 1A Ancient Mediterranean Art (4) ART 1A Art History: Europe from (3) Prehistory to 1400 OR ARTHI 1B Mediev&Renaiss Art OR ARTHI 1C Baroque to Modern Art OR OR ARTHI 1C Baroque to Modern Art OR OR OR ARTHI 1C OR OR OR OR OR OR OR OR OR OR	ANTHRO 2	Cultural Anthropology OR	(5)	ANTHR 1 Cultural Anthropology (3)
ARTHI 1A Ancient Mediterranean Art (4) ART 1A Art History: Europe from (3) Prehistory to 1400 OR ARTHI 1B Mediev&Renaiss Art OR ARTHI 1C Baroque to Modern Art OR OR ARTHI 1C Baroque to Modern Art OR OR OR OR OR OR OR OR OR OR	SCI&SOC 1	Critical Inquiry into	(4)	1
OR ARTHI 1B Mediev&Renaiss Art OR ARTHI 1C Baroque to Modern Art OR OR ARTHI 1C Baroque to Modern Art OR OR OR ARTHI 1C OR OR OR OR OR OR OR OR OR OR		OR		OR
OR ARTHI 1B Mediev&Renaiss Art (4) NO COMPARABLE COURSE OR ARTHI 1C Baroque to Modern Art (4) ART 1B Art History: Europe from (3) the Fifteenth to the Twentieth Century OR OR	ARTHI 1A	Ancient Mediterranean Art	(4)	ART 1A Art History: Europe from (3)
ARTHI 1B Mediev&Renaiss Art (4) NO COMPARABLE COURSE OR ARTHI 1C Baroque to Modern Art (4) ART 1B Art History: Europe from (3) the Fifteenth to the Twentieth Century OR OR				Prehistory to 1400
OR ARTHI 1C Baroque to Modern Art (4) ART 1B Art History: Europe from (3) the Fifteenth to the Twentieth Century OR OR OR		OR		OR
ARTHI 1C Baroque to Modern Art (4) ART 1B Art History: Europe from (3) the Fifteenth to the Twentieth Century OR OR	ARTHI 1B	Mediev&Renaiss Art	(4)	NO COMPARABLE COURSE
the Fifteenth to the Twentieth Century OR OR		OR		OR
OR OR	ARTHI 1C	Baroque to Modern Art	(4)	the Fifteenth to the
				2
ADDITE 1D 3 1 C 3 1 (4) NO COMPADADE COMPADA		OR		OR
ARTHI ID Arts OI Asia (4) NO COMPARABLE COURSE	ARTHI 1D	Arts of Asia	(4)	NO COMPARABLE COURSE

ALL OF THE FOLLOWING COURSES:

PHYSICS	1A	Principles Physics	(3)	NO COMPARA	ABLE COURSE	
		OR			OR	
PHYSICS	10	Topics, Nonscientists	(4)	PHYSC 10 	Introduction to Physics	(4)
PSYCH 1	Ge	eneral Psychology	(4)	PSYCH 1 	Introduction to Psychology	(3)

SOCIOL 2	Self and Society	(4)	NO COMPARA	BLE COURSE	
	Elementary Statistics STATIST 13Y	(4)	MATH 12 <u>OR</u> PSYCH 2	Introduction to Probability and Statistics Statistical Methods for Psychology and Social	(4)
				Science	
TEX&CL 6	Intro Textiles	(4)	FASHION 6 Same as	Textiles	(3)
TEX&CL 7	Style & Cult Std	(4)	NO COURSE	ARTICULATED: College has course(s) for articulation	
TEX&CL 8	Textile Apparel Ind	(4)			
MGMT 11A MGMT 11B		(4)	BUS 1A BUS 1B	Principles of Accounting Principles of Accounting	(5) (5)
CHEM 10	Concept of Chem	(4)	 CHEM 10 	Exploring Everyday Chemistry	(3)
CHEM 2A	OR Genl Chemistry	(5)	 CHEM 1A	OR General Chemistry	(5)
MATH 16A	Short Calculus	(3)	 MATH 13 OR	Survey of Calculus	(4)
матн 16в	Short Calculus	(3)	MATH 1	Calculus I Calculus II	(5) (4)
	RESTRICTED ELEC	CIVE:	S (12 QUART	ER UNITS):	
	Business Law Intro to Fashion Design			Business Law	(3)
MATH 16C	Short Calculus	(3)	MATH 2	Calculus II	(4)
Foreign lan units.	guage units may be used to	sat:	isfy any or	all of the required 12	

B) UCD ENG CS 15 not intended for Computer Science or Computer Science Engineering majors. Only two units of credit allowed to students who have completed PLT SCI 21.

====Textiles and Clothing B.S. (Textile Science)====

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

The undergraduate major Textiles and Clothing in the College of Agricultural and Environmental Sciences is suspended for 2019-20, and fall 2019 TAGs will not be available.

Special Advising Note:

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.

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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:

 ${\tt AP}$ and IB examination credit policies are detailed in the UC Davis 2018-19

	talog . Quick reference char from our TAG website.			d <u>IB</u> are also				
PL SCI 21	Computers in Technology OR	(3)	NO COMPAI	RABLE COURSE OR				
B) ENG CS		(4)	 CS 11 	Fundamentals of Computer Science	(3)			
	OR			OR	, o ,			
	Programming y ENG CS 30	(4)	CSP 26A OR	JAVA Programming	(3)			
rormerr	y ENG CS SU			C++ Programming I	(3)			
may not upon t	note that the community control to be identical to UC Davis or ransfer to UC Davis, may necessions.	cour	ses. Com	munity college students,				
ECON 1A	Princ of Microecon	(4)	ECON 1B	-	(3)			
ECON 1D	Duing of Magnessan	(1)	 EGONT 1 A	Microeconomics	(2)			
ECON IB	Princ of Macroecon	(4)	ECON IA	Principles of Macroeconomics	(3)			
	4 QUARTER UNITS FROM THE FOLLOWING:							
ANTHRO 2	Cultural Anthropology OR	(5)	ANTHR 1	Cultural Anthropology OR	(3)			
SCI&SOC 1	Critical Inquiry into Contemporary Issues	(4)	NO COMPAI	RABLE COURSE				
ADDITE 1A	OR	(1)	 a d d d d d d d d d d d d d d d d d d	OR	(2)			
ARTHI 1A	OR	(4)	ART IA 	Art History: Europe from Prehistory to 1400 OR	(3)			
ARTHI 1B		(4)	NO COMPAI	RABLE COURSE OR				
ARTHI 1C	Baroque to Modern Art	(4)	ART 1B	Art History: Europe from the Fifteenth to the Twentieth Century	(3)			
	OR		İ	OR				
ARTHI 1D	Arts of Asia	(4)	NO COMPA	RABLE COURSE				
	ALL OF THE FO							
PHYSICS 1A	Principles Physics OR	(3)	NO COMPA	RABLE COURSE OR				
	Topics,Nonscientists		İ					
	General Psychology	(4)	PSYCH 1 	Introduction to Psychology	(3)			
	Self and Society	(4)	NO COMPA	 RABLE COURSE				
STATIST 13	Elementary Statistics : STATIST 13Y		MATH 12 	Introduction to Probability and Statistics	(4)			
			<u>OR</u> PSYCH 2 	Statistical Methods for Psychology and Social	(3)			

Science

TEX&CL 6	Intro Textiles	(4)	FASHION 6 Textiles (3))
TEX&CL 7	Style & Cult Std	(4)	NO COURSE ARTICULATED: College has not	t
			submitted course(s) for articulation	
TEX&CL 8	Textile Apparel Ind	(4)	NO COMPARABLE COURSE	
CHEM 2A	Genl Chemistry	(5)	CHEM 1A General Chemistry (5))
CHEM 2B	Genl Chemistry	(5)	CHEM 1A & General Chemistry (5))
			CHEM 1B General Chemistry (5))
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE	_
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE	
MATH 16A	Short Calculus	(3)	MATH 13 Survey of Calculus (4))
			<u>OR</u>	
			MATH 1 Calculus I (5))
	RESTRICTED ELECTIVES	(16	QUARTER UNITS):	_
AGRESEC 18	Business Law	(4)	BUS 18A Business Law (3))
CHEM 2C	Business Law Genl Chemistry	(4) (5)	BUS 18A Business Law (3) CHEM 1B General Chemistry (5)	-
CHEM 2C CHEM 128A	Business Law Genl Chemistry Organic Chemistry	(4) (5) (3)	BUS 18A Business Law (3) CHEM 1B General Chemistry (5) CHEM 12A Organic Chemistry (5))
CHEM 2C	Business Law Genl Chemistry Organic Chemistry	(4) (5) (3)	BUS 18A Business Law (3) CHEM 1B General Chemistry (5) CHEM 12A Organic Chemistry (5) CHEM 12A & Organic Chemistry (5))
CHEM 2C CHEM 128A	Business Law Genl Chemistry Organic Chemistry Organic Chemistry	(4) (5) (3) (3)	BUS 18A Business Law (3) CHEM 1B General Chemistry (5) CHEM 12A Organic Chemistry (5) CHEM 12A & Organic Chemistry (5) CHEM 12B Organic Chemistry (5))))
CHEM 2C CHEM 128A	Business Law Genl Chemistry Organic Chemistry Organic Chemistry Organic Chemistry	(4) (5) (3) (3)	BUS 18A Business Law (3) CHEM 1B General Chemistry (5) CHEM 12A Organic Chemistry (5) CHEM 12A Organic Chemistry (5) CHEM 12B Organic Chemistry (5) CHEM 12B Organic Chemistry (5) CHEM 12B Organic Chemistry (5) CHEM 12B Organic Chemistry (5) (5) Organic Chemistry (5) (6) Organic Chemistry (5) (6) Organic Chemistry (5) Organic Chemistry O)))
CHEM 2C CHEM 128A CHEM 128B	Business Law Genl Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Intro to Fashion Design	(4) (5) (3) (3) (3) (4)	BUS 18A Business Law (3) CHEM 1B General Chemistry (5) CHEM 12A Organic Chemistry (5) CHEM 12A Organic Chemistry (5) CHEM 12B Organic Chemistry (5) CHEM 12B Organic Chemistry (5) CHEM 12B Organic Chemistry (5) NO COMPARABLE COURSE))))
CHEM 2C CHEM 128A CHEM 128B	Business Law Genl Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Intro to Fashion Design Elem Accounting	(4) (5) (3) (3) (3) (4) (4)	BUS 18A Business Law (3) CHEM 1B General Chemistry (5) CHEM 12A Organic Chemistry (5) CHEM 12A Organic Chemistry (5) CHEM 12B Organic Chemistry (5) CHEM 12B Organic Chemistry (5) CHEM 12B Organic Chemistry (5) NO COMPARABLE COURSE BUS 1A Principles of Accounting (5)))))
CHEM 2C CHEM 128A CHEM 128B CHEM 128C DESIGN 77	Business Law Genl Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Intro to Fashion Design Elem Accounting Elem Accounting	(4) (5) (3) (3) (3) (4) (4) (4)	BUS 18A Business Law (3) CHEM 1B General Chemistry (5) CHEM 12A Organic Chemistry (5) CHEM 12A Organic Chemistry (5) CHEM 12B Organic Chemistry (5) CHEM 12B Organic Chemistry (5) CHEM 12B Organic Chemistry (5) NO COMPARABLE COURSE BUS 1A Principles of Accounting (5) BUS 1B Principles of Accounting (5)))))
CHEM 2C CHEM 128A CHEM 128B CHEM 128C DESIGN 77 MGMT 11A MGMT 11B MATH 16B	Business Law Genl Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Intro to Fashion Design Elem Accounting Elem Accounting Short Calculus	(4) (5) (3) (3) (4) (4) (4) (4)	BUS 18A Business Law (3) CHEM 1B General Chemistry (5) CHEM 12A Organic Chemistry (5) CHEM 12A Organic Chemistry (5) CHEM 12B Organic Chemistry (5) CHEM 12B Organic Chemistry (5) CHEM 12B Organic Chemistry (5) NO COMPARABLE COURSE BUS 1A Principles of Accounting (5) BUS 1B Principles of Accounting (5) MATH 2 Calculus II (4))))))
CHEM 2C CHEM 128A CHEM 128B CHEM 128C DESIGN 77 MGMT 11A MGMT 11B MATH 16B MATH 16C	Business Law Genl Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Intro to Fashion Design Elem Accounting Elem Accounting Short Calculus Short Calculus	(4) (5) (3) (3) (4) (4) (4) (4) (3) (3)	BUS 18A Business Law (3) CHEM 1B General Chemistry (5) CHEM 12A Organic Chemistry (5) CHEM 12A & Organic Chemistry (5) CHEM 12B Organic Chemistry (5) CHEM 12B Organic Chemistry (5) NO COMPARABLE COURSE BUS 1A Principles of Accounting (5) BUS 1B Principles of Accounting (5) MATH 2 Calculus II (4) MATH 2 Calculus II (4))))))))
CHEM 2C CHEM 128A CHEM 128B CHEM 128C DESIGN 77 MGMT 11A MGMT 11B MATH 16B MATH 16C SOCIOL 25	Business Law Genl Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Intro to Fashion Design Elem Accounting Elem Accounting Short Calculus Popular Culture	(4) (5) (3) (3) (4) (4) (4) (3) (3) (4)	BUS 18A Business Law (3) CHEM 1B General Chemistry (5) CHEM 12A Organic Chemistry (5) CHEM 12A & Organic Chemistry (5) CHEM 12B Organic Chemistry (5) CHEM 12B Organic Chemistry (5) NO COMPARABLE COURSE BUS 1A Principles of Accounting (5) BUS 1B Principles of Accounting (5) MATH 2 Calculus II (4) MATH 2 Calculus II (4) NO COMPARABLE COURSE)))))))
CHEM 2C CHEM 128A CHEM 128B CHEM 128C DESIGN 77 MGMT 11A MGMT 11B MATH 16B MATH 16C SOCIOL 25	Business Law Genl Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Intro to Fashion Design Elem Accounting Elem Accounting Short Calculus Popular Culture	(4) (5) (3) (3) (4) (4) (4) (3) (3) (4)	BUS 18A Business Law (3) CHEM 1B General Chemistry (5) CHEM 12A Organic Chemistry (5) CHEM 12A & Organic Chemistry (5) CHEM 12B Organic Chemistry (5) CHEM 12B Organic Chemistry (5) NO COMPARABLE COURSE BUS 1A Principles of Accounting (5) BUS 1B Principles of Accounting (5) MATH 2 Calculus II (4) MATH 2 Calculus II (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.

====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.

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College Foreign Language Requirement Note:

is the same as that below.

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See http://llc.ucdavis.edu/foreign-language-placement-exams and check with your

UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ are also available from our TAG website.

NOTE: Lower-division preparation for the Honors A.B. major in Theatre and Dance

ONE COURSE FROM THE FOLLOWING:

DRAMART		Fundamentals of Act			Introduction to Acting (3)
DRAMART	40A	Beg Modern Dance	(2)		ARTICULATED: College has not
				submitted	course(s) for articulation
DRAMART	40B	Int Modern Dance	(2)	l	ARTICULATED: College has not
				submitted	course(s) for articulation
DRAMART	42A	Beg Ballet	(2)		ARTICULATED: College has not
				submitted	course(s) for articulation
DRAMART	42B	Inter Ballet	(2)	NO COURSE	ARTICULATED: College has not
				submitted	course(s) for articulation

ALL OF THE FOLLOWING COURSES:

DRAMART	28	Stagecraft & Management (4)	NO COURSE ARTICULATED: College has not
				submitted course(s) for articulation
DRAMART	55	Cont Theatre Dance Perf (4)	NO COURSE ARTICULATED: College has not
				submitted course(s) for articulation
DRAMART	56A	Hist Theatre Dance I ('''	NO COURSE ARTICULATED: College has not
				submitted course(s) for articulation
DRAMART	56B	Hist Theatre Dance II (4)	NO COURSE ARTICULATED: College has not
				submited course(s)for articulation
DRAMART	56C	Hist Theatre Dance III (4)	NO COURSE ARTICULATED: College has not
			j	submited course(s) for articulation

====Viticulture and Enology B.S.====

Special Advising Note:

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

This major is selective and requires preparatory coursework for admission. Any required courses that are offered at your current campus must be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses are not offered at your college, you must complete them after enrolling at UC Davis.

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 3.00 for the group. It is required that candidates have a cumulative GPA of at least 3.00 for courses in the group below that have been completed by the time of application and maintain the GPA through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

General Chemistry 2A/B/C Organic Chemistry 8A Mathematics 16A Physics 1A/B or 7A Biological Sciences 2A

It is strongly recommended that students complete courses comparable to the following UC Davis courses; if taken, the student must have a GPA of at least 3.00 for the entire group of courses listed above and below. Courses must be taken for a letter grade, with no grade less than C:

Organic Chemistry 8B Mathematics 16B Plant Sciences 2

Transfer students must also meet UC transfer admission requirements. UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

The manufacture of the state of

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for

students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College of Agricultural and Environmental Sciences (A&ES) General Education (GE) English Composition Requirement for the Bachelor's Degree:

The College of A&ES English Composition requirement for the Bachelor's degree is an element of the UC Davis General Education (GE) pattern. This GE requirement may be satisfied by completing either two courses emphasizing written expression OR one course emphasizing written expression and one course emphasizing oral expression, with a grade of C- (or P) or better. The following UC Davis lower-division courses are among those that have been approved to satisfy this requirement: English 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (emphasis in either writing or speaking skills). The English Composition requirement may also be met by achieving a score of 4 or 5 on the Advanced Placement (AP) English examination PLUS completing any previously listed course, EXCEPT English 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC transfer students who have successfully completed the IGETC lower-division coursework are exempt from all GE requirements that may be met with lower-division courses. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer admission. See the UC Transfer Admission website. The courses used for the A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ are also available from our TAG website.

BIOLSCI 2A	Intro Biology:Life on	(5)	 BIOL 1	 Core Biology	(4)
	Earth		į	0.7	
PL SCI 2	OR Bot Physio Cul Plt	(4)	 PLANT 10 	OR Principles of Plant Science	(3)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	-	(5)
			CHEM 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)

CHEM 8A CHEM 8B	Organic Chem-Brief Organic Chem-Brief		!				
PL SCI 21	Computers in Technology	(3)	NO COMPARABLE COURSE				
	OR EQUIVALENT AND advisor APPROVAL						
MATH 16A	Short Calculus	(3)	MATH 13 Survey of Calculus (4)				
MATH 16B	Short Calculus	(3)	MATH 1 Calculus I (5) MATH 2 Calculus II (4)				
PHYSICS 1A	Principles Physics AND	(3)	NO COMPARABLE COURSE AND				
PHYSICS 1B	Principles Physics OR	(3)	NO COMPARABLE COURSE OR				
			PHYSC 2A & General Physics (4) PHYSC 2B 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 COURSE ARTICULATED: College has not submitted course(s) for articulation				
VIT-ENO 3	Intro Winemaking	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation				
END OF MAJO	OR	-					

END OF MAJOR

====Wildlife, Fish and Conservation Biology B.S.==== Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is $\frac{\text{highly recommended}}{\text{Preparing well for}}$ that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. See the UC Transfer Admission website for details. UC Davis requires that students complete the minimum transfer admission requirement by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for

students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

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CCC transfer students who have successfully completed the IGETC lower-division coursework are exempt from all GE requirements that may be met with lower-division courses. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer admission. See the UC Transfer Admission website. The courses used for the A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 General Catalog . Quick reference charts for AP and IB are also available from our TAG website.

______ UWRITING 1 Expository Writing (4) ENG 1A Reading and Composition (3) AND ANDCOMUNCN 1 Intro Public Spkg (4) COM ST 1A Public Speaking (3) OR OR COMUNCN 3 Interprise Com Competence (4) COM ST 3 Interprise Interprise Comuncom Competence (3) Communication OR OR DRAMART 10 Intro To Acting (4) NO COMPARABLE COURSE Note: Completing UWP 1 and Communication 1 will simultaneously satisfy the

College requirements.

BIOLSCI 2A BIOLSCI 2B	Intro Dielemitife en			
RIOLSCI 2R	Intro Biology:Life on Earth	(5)	BIOL 1 Core Biology	(4)
		(5)	 BIOL 1 & Core Biology	(4)
DIODDCI ZD	& Evolution	(3)	BIOL 2 & General Zoology	(5)
	& Evolucion		BIOL 3 General Botany	(4)
BIOLSCI 2C	Intro Biology:	(5)	RIOL 3 General Toology	(5)
BIODSCI ZC	Biodiversity & the Tree	(3)	BIOL 2 & General Zoology BIOL 3 General Botany	(4)
	of Life		BIOL 3 General Botany	(-
CHEM 2A	Genl Chemistry		CHEM 1A General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A & General Chemistry	(5)
			CHEM 1B General Chemistry	(5)
CHEM 8A	Organic Chem-Brief		NO COMPARABLE COURSE	
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE	
MATH 16A	Short Calculus	(3)	MATH 13 Survey of Calculus	(4)
			OR OR	
			MATH 1 Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 2 Calculus II	(4)
PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE	
	Principles Physics Principles Physics	(3)	NO COMPARABLE COURSE NO COMPARABLE COURSE	
	Principles Physics Principles Physics ONE COURSE FROM THE FOLLOW	(3) 	NO COMPARABLE COURSE (3-4 QUARTER UNITS):	
	Principles Physics ONE COURSE FROM THE FOLLOW	(3) ING (4)	NO COMPARABLE COURSE (3-4 QUARTER UNITS): NO COMPARABLE COURSE	
PHYSICS 1B	Principles Physics ONE COURSE FROM THE FOLLOW Wildl Ecol Conserve	(3) ING (4)	NO COMPARABLE COURSE (3-4 QUARTER UNITS): NO COMPARABLE COURSE NO COURSE ARTICULATED: College has	
PHYSICS 1B	Principles Physics ONE COURSE FROM THE FOLLOW Wildl Ecol Conserve	(3) ING (4) (3)	NO COMPARABLE COURSE (3-4 QUARTER UNITS): NO COMPARABLE COURSE NO COURSE ARTICULATED: College has submitted course(s) for articulation	on
PHYSICS 1B	Principles Physics ONE COURSE FROM THE FOLLOW Wildl Ecol Conserve Calif Wild Vertebrates	(3) ING (4) (3)	NO COMPARABLE COURSE (3-4 QUARTER UNITS): NO COMPARABLE COURSE NO COURSE ARTICULATED: College has submitted course(s) for articulation NO COURSE ARTICULATED: College has	on not
W&F BIO 10 W&F BIO 50 W&F BIO 51	Principles Physics ONE COURSE FROM THE FOLLOW Wildl Ecol Conserve Calif Wild Vertebrates Intro to Conservation Biology	(3) ING (4) (3)	NO COMPARABLE COURSE (3-4 QUARTER UNITS): NO COMPARABLE COURSE NO COURSE ARTICULATED: College has submitted course(s) for articulation of the course of the cours	on not
W&F BIO 10 W&F BIO 50 W&F BIO 51	Principles Physics ONE COURSE FROM THE FOLLOW Wildl Ecol Conserve Calif Wild Vertebrates Intro to Conservation Biology OMMENDED COURSES FOR THE WIN	(3) ING (4) (3) (3)	NO COMPARABLE COURSE (3-4 QUARTER UNITS): NO COMPARABLE COURSE NO COURSE ARTICULATED: College has submitted course(s) for articulating NO COURSE ARTICULATED: College has submitted course(s) for articulating the HEALTH AREA OF SPECIALIZATION:	on not
W&F BIO 10 W&F BIO 50 W&F BIO 51	Principles Physics ONE COURSE FROM THE FOLLOW: Wildl Ecol Conserve Calif Wild Vertebrates Intro to Conservation Biology OMMENDED COURSES FOR THE WILL Genl Chemistry	(3) ING (4) (3) (3) (5)	NO COMPARABLE COURSE (3-4 QUARTER UNITS): NO COMPARABLE COURSE NO COURSE ARTICULATED: College has submitted course(s) for articulation NO COURSE ARTICULATED: College has submitted course(s) for articulation submitted course(s) for articulation CHEM 1B General Chemistry	on not
PHYSICS 1B W&F BIO 10 W&F BIO 50 W&F BIO 51 REC	Principles Physics ONE COURSE FROM THE FOLLOW: Wildl Ecol Conserve Calif Wild Vertebrates Intro to Conservation Biology OMMENDED COURSES FOR THE WILL Genl Chemistry Org Chem, Hlth & Sci	(3) ING (4) (3) (3) LDLI (5) (4)	NO COMPARABLE COURSE (3-4 QUARTER UNITS): NO COMPARABLE COURSE NO COURSE ARTICULATED: College has submitted course(s) for articulation NO COURSE ARTICULATED: College has submitted course(s) for articulation submitted course(s) for articulation the Health Area of Specialization: CHEM 1B General Chemistry CHEM 12A Organic Chemistry	on not on
PHYSICS 1B W&F BIO 10 W&F BIO 50 W&F BIO 51 REC	Principles Physics ONE COURSE FROM THE FOLLOW: Wildl Ecol Conserve Calif Wild Vertebrates Intro to Conservation Biology OMMENDED COURSES FOR THE WILL Genl Chemistry	(3) ING (4) (3) (3) LDLI (5) (4)	NO COMPARABLE COURSE (3-4 QUARTER UNITS): NO COMPARABLE COURSE NO COURSE ARTICULATED: College has submitted course(s) for articulation NO COURSE ARTICULATED: College has submitted course(s) for articulation Submitted course(s) for articulation E HEALTH AREA OF SPECIALIZATION: CHEM 1B General Chemistry CHEM 12A Organic Chemistry CHEM 12A Organic Chemistry CHEM 12A Organic Chemistry	on not on (5) (5) (5)
PHYSICS 1B W&F BIO 10 W&F BIO 50 W&F BIO 51 RECC CHEM 2C CHEM 118A	Principles Physics ONE COURSE FROM THE FOLLOW Wildl Ecol Conserve Calif Wild Vertebrates Intro to Conservation Biology OMMENDED COURSES FOR THE WIN Genl Chemistry Org Chem, Hlth & Sci Org Chem, Hlth & Sci	(3) ING (4) (3) (3) LDLI (5) (4) (4)	NO COMPARABLE COURSE (3-4 QUARTER UNITS): NO COMPARABLE COURSE NO COURSE ARTICULATED: College has submitted course(s) for articulation NO COURSE ARTICULATED: College has submitted course(s) for articulation submitted course(s) for articulation chem 1 area of specialization: chem 1 area of chemistry chem 1 area organic chemistry chemistry chemistry	on not on (5) (5)
PHYSICS 1B W&F BIO 10 W&F BIO 50 W&F BIO 51 REC CHEM 2C CHEM 118A CHEM 118B CHEM 118C	Principles Physics ONE COURSE FROM THE FOLLOW Wildl Ecol Conserve Calif Wild Vertebrates Intro to Conservation Biology OMMENDED COURSES FOR THE WIN Genl Chemistry Org Chem, Hlth & Sci Org Chem, Hlth & Sci Org Chem, Hlth & Sci	(3) ING (4) (3) (3) LDLI (5) (4) (4)	NO COMPARABLE COURSE (3-4 QUARTER UNITS): NO COMPARABLE COURSE NO COURSE ARTICULATED: College has submitted course(s) for articulation NO COURSE ARTICULATED: College has submitted course(s) for articulation submitted course(s) for articulation chem 12	on not on (5) (5) (5)
PHYSICS 1B W&F BIO 10 W&F BIO 50 W&F BIO 51 REC CHEM 2C CHEM 118A CHEM 118B	Principles Physics ONE COURSE FROM THE FOLLOW Wildl Ecol Conserve Calif Wild Vertebrates Intro to Conservation Biology OMMENDED COURSES FOR THE WIN Genl Chemistry Org Chem, Hlth & Sci Org Chem, Hlth & Sci Org Chem, Hlth & Sci	(3) ING (4) (3) (3) LDLI (5) (4) (4)	NO COMPARABLE COURSE (3-4 QUARTER UNITS): NO COMPARABLE COURSE NO COURSE ARTICULATED: College has submitted course(s) for articulation NO COURSE ARTICULATED: College has submitted course(s) for articulation Submitted course(s) for articulation Submitted course(s) for articulation CHEM 1B General Chemistry CHEM 12A Organic Chemistry CHEM 12A Organic Chemistry CHEM 12B Organic Chemistry	on not on (5) (5) (5)
PHYSICS 1B W&F BIO 10 W&F BIO 50 W&F BIO 51 REC CHEM 2C CHEM 118A CHEM 118B CHEM 118C	Principles Physics ONE COURSE FROM THE FOLLOW Wildl Ecol Conserve Calif Wild Vertebrates Intro to Conservation Biology OMMENDED COURSES FOR THE WIN Genl Chemistry Org Chem, Hlth & Sci Org Chem, Hlth & Sci Org Chem, Hlth & Sci General Physics	(3) ING (4) (3) (3) LDLI (5) (4) (4) (4) (4)	NO COMPARABLE COURSE (3-4 QUARTER UNITS): NO COMPARABLE COURSE NO COURSE ARTICULATED: College has submitted course(s) for articulation NO COURSE ARTICULATED: College has submitted course(s) for articulation Submitted course(s) for articulation CHEM 1B General Chemistry CHEM 12A Organic Chemistry CHEM 12A Organic Chemistry CHEM 12B	on not on (5) (5) (5) (5)
PHYSICS 1B W&F BIO 10 W&F BIO 50 W&F BIO 51 REC CHEM 2C CHEM 118A CHEM 118B CHEM 118C	Principles Physics ONE COURSE FROM THE FOLLOW Wildl Ecol Conserve Calif Wild Vertebrates Intro to Conservation Biology OMMENDED COURSES FOR THE WIN Genl Chemistry Org Chem, Hlth & Sci Org Chem, Hlth & Sci Org Chem, Hlth & Sci General Physics	(3) ING (4) (3) (3) LDLI (5) (4) (4) (4) (4)	NO COMPARABLE COURSE (3-4 QUARTER UNITS): NO COMPARABLE COURSE NO COURSE ARTICULATED: College has submitted course(s) for articulation NO COURSE ARTICULATED: College has submitted course(s) for articulation Submitted course(s) for articulation CHEM 1B	on not on (5) (5) (5) (5) (4)
PHYSICS 1B W&F BIO 10 W&F BIO 50 W&F BIO 51 REC CHEM 2C CHEM 118A CHEM 118B CHEM 118C PHYSICS 7A	Principles Physics ONE COURSE FROM THE FOLLOW Wildl Ecol Conserve Calif Wild Vertebrates Intro to Conservation Biology OMMENDED COURSES FOR THE WITH Genl Chemistry Org Chem, Hlth & Sci Org Chem, Hlth & Sci Org Chem, Hlth & Sci General Physics General Physics	(3) ING (4) (3) (3) LDLI (5) (4) (4) (4) (4)	NO COMPARABLE COURSE (3-4 QUARTER UNITS): NO COMPARABLE COURSE NO COURSE ARTICULATED: College has submitted course(s) for articulation NO COURSE ARTICULATED: College has submitted course(s) for articulation Submitted course(s) for articulation CHEM 1B	on not on (5) (5) (5) (5) (4) (4)
PHYSICS 1B W&F BIO 10 W&F BIO 50 W&F BIO 51 REC CHEM 2C CHEM 118A CHEM 118B CHEM 118C PHYSICS 7A	Principles Physics ONE COURSE FROM THE FOLLOW Wildl Ecol Conserve Calif Wild Vertebrates Intro to Conservation Biology OMMENDED COURSES FOR THE WIN Genl Chemistry Org Chem, Hlth & Sci Org Chem, Hlth & Sci Org Chem, Hlth & Sci General Physics General Physics	(3) ING (4) (3) (3) LDLI (5) (4) (4) (4) (4)	NO COMPARABLE COURSE (3-4 QUARTER UNITS): NO COMPARABLE COURSE NO COURSE ARTICULATED: College has submitted course(s) for articulation NO COURSE ARTICULATED: College has submitted course(s) for articulation Submitted course(s) for articulation CHEM 1B	on not on (5) (5) (5) (5) (4) (4) (4)

END OF MAJOR

====Worksheet UGA (ENG)====

IMPORTANT ADVISORY REGARDING THIS WORKSHEET

This worksheet serves as an administrative tool and should not be used to determine specific major preparation for UC Davis College of Engineering majors.

View the "By Major" section of ASSIST to best assess the requirements for your major of interest.

This worksheet provides a listing of lower-division preparatory courses required for certain College of Engineering majors and may be helpful in correlation with review of the College of Engineering Transfer Credit Agreements (engineering grids) available at http://engineering.ucdavis.edu/transfer-credit-agreements/

MATH 21A Calculus (4) | MATH 1 Calculus I (5)

MATH 21B	Calculus	(4)	MATH 2	2 C	Calculus I	I	(4)
MATH 21C	Calculus	(4)	MATH 3	3 V	ector Cal	culus	(4)
MATH 21D	Vector Analysis	(4)	MATH 3	3 V	ector Cal	culus	(4)
MATH 22A	Linear Algebra	(3)	MATH 5	5 I	inear Alg	ebra	(3)
MATH 22B	Differntl Equations	(3)	MATH 4	ł D)ifferenti	al Equations	(4)
CHEM 2A	Genl Chemistry	(5)	CHEM 1	LA	General C	hemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1 CHEM 1	_	General C	-	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1	LB	General C	hemistry	(5)
CHEM 8A	Organic Chem-Brief	(2)	NO COM	IPARAE	BLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COM	IPARAE	BLE COURSE	<u> </u>	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 1	L2A	Organic	Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 1 CHEM 1			Chemistry Chemistry	(5)
CHEM 128A	Organic Chemistry	(3)	CHEM 1	L2A	Organic	Chemistry	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 1	_		Chemistry Chemistry	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 1	L2A	Organic	Chemistry	(5)
PHYSICS 9A	Classical Physics	(5)	PHYSC	4A	Principl Mechanic	es of Physics: s	(4)
PHYSICS 9B	Classical Physics	(5)	 PHYSC 	4B		es of Physics: ound, and mamics	(4)
PHYSICS 9C	Classical Physics	(5)	 		Electric Magnetis	ity and	
PHYSICS 9D	Modern Physics		NO COM	IPARAE			
	Fundamentals of Bioengineering	(4)	NO COM	IPARAE		:	
ENGIN 4	Graphics in Design	(3)	ENGR 2	2 E	ngineerin		(3)
ENGIN 6	Engr Prob Solving	(4)	NO COM	IPARAE	BLE COURSE		
ENGIN 17						g Circuit	
ENGIN 35	Statics	(4)	ENGR 8	3 5	Statics		(3)
ENGIN 45	Prop of Mats	(4)					(4)
ENG CS 20	C Sci/Discrete Math	(4)		Di		ructures for ience	(3)

	Programming v ENG CS 30	(4)	OR OR	3)
			CSP 31A C++ Programming I (3)
	Object-Oriented Program / ENG CS 40	(4)	CSP 31B	3)
ENG CS 50	Machine Dependent Prog	(4)	CSP 25 Assembly Language (3	3)
	Data Structures / ENG CS 60	(4)	CSP 26B Data Structures with (3 Java	3)
ENG BS 1	Biosys Engr Fndts	(4)	NO COMPARABLE COURSE	
ENG BS 75	Prop Mat in Bio Sys	(4)	NO COMPARABLE COURSE	
ENG MEC 50	Mfg Processes	(4)	NO COMPARABLE COURSE	
ENG CHM 51	Material Balances	(4)	NO COMPARABLE COURSE	
ENG CHM 60	Engineering Problem Solv	(4)	NO COURSE ARTICULATED	
ENG CHM 80	Chem Engr Profession	(1)	NO COMPARABLE COURSE	
ENG E&C 7	Prog & Microcontrollers	(4)	NO COURSE ARTICULATED	
UWRITING 1	Expository Writing	(4)	ENG 1A Reading and Composition (3)
ENGLISH 3	Intro to Lit	(4)	ENG 1B Written Communications () II: A Critical Introduction to Literature	3)
COMUNCN 1	Intro Public Spkg	(4)	COM ST 1A Public Speaking (3)
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	COM ST 3 Interpersonal (3	3)
	Intro Biology:Life on Earth	(5)	BIOL 1 Core Biology (4	4)
	Intro Biology: Ecology & Evolution		BIOL 1 & Core Biology (4 BIOL 2 & General Zoology (5 BIOL 3 General Botany (4	4)
	Intro Biology:	(5)	BIOL 2 & General Zoology (!BIOL 3 General Botany (!	5) 4)
t)		(3)	GEOL 1A Physical Geology w/Lab (4	
	Intro to Atmospheric Science			

END OF MAJOR

e) This course is not strictly comparable with UC Davis courses but will fulfill the introductory physical geology requirement for the geology

major at UC Davis.

t) If a student takes GEOL 1A at San Joaquin Delta College, credit will be given for UC Davis's GEOLOGY 1 or 50+50L, not both.