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

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

#### Special Advising Note:

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

## IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

#### Special Advising Note:

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

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

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

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

## Transfer Admission Guarantee (TAG) Note:

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

### General Education (GE) Note:

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

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

**AP and** IB examination credit policies are detailed in the UC Davis 2018-2019 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> 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 <u>College of Engineering website</u> 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 <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 <a href="http://llc.ucdavis.edu/foreign-language-placement-exams">http://llc.ucdavis.edu/foreign-language-placement-exams</a> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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

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# ONE COURSE FROM THE FOLLOWING:

AF-AMST 12	Intro Afro Studies	(4)   NO COMPARABLE COURSE
AF-AMST 10	Af-Am Culture & Soc	(4) NO COMPARABLE COURSE

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## ONE COURSE FROM THE FOLLOWING:

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

#### ONE COURSE FROM THE FOLLOWING:

ANTHRO 2	Cultural Anthropology	(5) ANTH 103 	Introduction to Cultural Anthropology	(3)
ECON 1A	Princ of Microecon	(4) ECON 121	Principles of Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4) ECON 120	Principles of Macroeconomics	(3)
SOCIOL 1	Intro Sociology	(5) SOCO 101	Principles of Sociology	(3)
POL SCI 1	Amer Natl Govt	(4) POLI 102	The American Political System	(3)
POL SCI 2 PSYCH 1	Intro Comp Politics General Psychology	(4) POLI 103 (4) PSYC 101	Comparative Politics General Psychology	(3) (3)

#### ONE COURSE FROM THE FOLLOWING:

CHICANO 10	Intro to Chic Std	(4) CHIC 110A 	Introduction to Chicano Studies	(3)
		<u>OR</u>  CHIC 110B	Introduction to	(3)

N A STD 10 AMR STD 10 A A STD 1 A A STD 2	Intro NA Studies NA Experience Intro American Studies Hist Exp Asian Am Contemp Issues of Asian Americans Intro Gender Studies	(4) s (4) (4) n (4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COMPARABLE COURSE
	TWO COURSES	FROM 1	THE FOLLOWING:
HISTORY 15B HISTORY 17A	Africa to 1900 Africa Today U.S. History U.S. History	(4) (4)	NO COURSE ARTICULATED NO COURSE ARTICULATED HIST 109 History of the United (3) States I HIST 110 History of the United (3) States II
	4 QUARTER UNIT	'S FROI	M THE FOLLOWING:
AF-AMST 16 AF-AMST 51 DRAMART 41A DRAMART 41B DRAMART 44A DRAMART 44B MUSIC 28	Beg Jazz Dance Inter Jazz Dance Beg Hip Hop Dance Inter Hip Hop Dance	(4) (2) (2) (2-4) (2-4)	NO COMPARABLE COURSE 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 <u>highly recommended</u> that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. See the U<u>C Transfer Admission website</u> 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 <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> for details regarding UC Davis TAG.

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

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

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

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

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

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

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

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

Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:						
AP and IB examination credit policies are detailed in the UC Davis 2018-19 $\frac{\text{General Catalog}}{\text{AP}}$ . Quick reference charts for $\frac{\text{AP}}{\text{AP}}$ and $\frac{\text{IB}}{\text{IB}}$ are also available from our TAG website.						
HISTORY 17A U.S. History	(4) HIST 109   	History of the United (3) States I OR				
POL SCI 1 Amer Natl Govt	(4) POLI 102	The American Political (3) System				
A MINIMUM OF 8 QUARTER UNITS AN SCI 1 Domest Ani & People						
AN SCI 2 Intro Animal Sci	(4) NO COMPARAB	LE COURSE				

	Livestock&Dairy Jdg Domestic Ani Prod		NO COMPARABLE COURSE
	Metal Prop & Fabr		NO COURSE ARTICULATED: College has not
ABIOSYT 49 ABIOSYT 52	Fld Equip Oper Field Equip Welding		<pre>submitted course(s)for articulation NO COMPARABLE COURSE NO COURSE ARTICULATED: College has not submitted course(s)for articulation</pre>
AGRESEC 15	Pop,Envr,World Agri	(4)	
ECON 1A	AND Princ of Microecon	(4)	AND ECON 121 Principles of (3) Microeconomics OR
ECON 1B	<b>OR</b> Princ of Macroecon	(4)	ECON 120 Principles of (3) Macroeconomics
	Intro Environ Plants Plants Gard, Orch & Land	(4)	NO COMPARABLE COURSE
	Environment 10 not open for credit to	stud	NO COURSE ARTICULATED: College has not submitted course(s) for articulation ents who have completed ENV S&P 1
ENV TOX 10	Intro Environ Toxicology	(3)	NO COMPARABLE COURSE
	Water, Power, Society SCI&SOC 10	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PL SCI 1	5 1	(3)	NO COMPARABLE COURSE
PL SCI 2 PL SCI 15	Bot Physio Cul Plt Intro Sustainable		NO COMPARABLE COURSE NO COURSE ARTICULATED: College has not
PL SCI IS	Agriculture	(4)	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 VIT-ENO 3	Intro to Viticult Intro Winemaking		NO COMPARABLE COURSE
	ALL OF THE E	OLLO	WING COURSES:
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 210A Introduction to the (4 Biological Sciences I
BIOLSCI 2B		(5)	BIOL 210A <u>&amp;</u> Introduction to the (4) Biological Sciences I
			BIOL 210B Introduction to the (4) Biological Sciences II
CHEM 2A	Genl Chemistry	(5)	CHEM 200 <u>&amp;</u> General Chemistry I - (3) Lecture
			CHEM 200L General Chemistry I - (2) Laboratory
CHEM 2B	Genl Chemistry	(5)	CHEM 200 <u>&amp;</u> General Chemistry I - (3) Lecture
			CHEM 200L & General Chemistry I - (2)
			Laboratory CHEM 201 <u>&amp;</u> General Chemistry II (3) - Lecture
			CHEM 201L General Chemistry II (2) - Laboratory

SOILSCI 10	Soils in Our Environment	(3)	submitted course(s) for articulation  NO COMPARABLE COURSE 
MATH 16A	Short Calculus	(3)	MATH 121 Basic Techniques of (3)   Applied Calculus I
MATH 16B	Short Calculus	(3)	MATH 122 Basic Techniques of (3) Calculus II
	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
			submitted course(s) for articulation
	OR		OR
MATH 21A	Calculus	(4)	MATH 150 Calculus with Analytic (5)
		( - )	Geometry I
MATH 21B	Calculus	(4)	MATH 151 Calculus with Analytic (4)
	04104140	( - )	Geometry II
PHYSICS 7A	General Physics	(4)	PHYS 125 & General Physics (5)
,11		(-)	PHYS 126 General Physics II (5)
PHYSICS 7B	General Physics	(4)	PHYS 125 & General Physics (5)
1110100 /0		(1)	PHYS 126 General Physics II (5)

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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## END OF MAJOR

i) If a student takes GEOL 100 at San Diego Mesa College, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.

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

# Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <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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## 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 <a href="http://llc.ucdavis.edu/foreign-language-placement-exams">http://llc.ucdavis.edu/foreign-language-placement-exams</a> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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

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AMR STD 10 Intro American Studies (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation

#### ONE COURSE FROM THE FOLLOWING:

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

#### ONE COURSE FROM THE FOLLOWING:

AF-AMST 10	Af-Am Culture & Soc	(4) NO COMPARABLE COURSE	
A A STD 1	Hist Exp Asian Am	(4) NO COMPARABLE COURSE	
CHICANO 10	Intro to Chic Std	(4) CHIC 110A Introduction to	(3)
		Chicano Studies	
		OR	

CHIC 110B Introduction to (3)

# ONE COURSE FROM THE FOLLOWING:

ANTHRO 2	Cultural Anthropology		action to (3) Anthropology		
SOCIOL 2	Self and Society	1	ction to Social (3)		
WOM STD 50	Intro Gender Studies	(4) NO COURSE ARTICULAT submitted course(s)	ED: College has not		
ONE COURSE FROM THE FOLLOWING:					

HISTORY 1	17A	U.S. History	(4)	HIST	109	History of	the	United	(3)
						States I			
HISTORY 1	17B	U.S. History	(4)	HIST	110	History of	the	United	(3)
				ĺ		States II			
HISTORY 7	72A	Am Women & Gender	(4)	NO CO	OMPARABI	LE COURSE			
HISTORY 7	72B	Am Women & Gender	(4)	NO CO	OMPARABI	LE COURSE			

# ONE COURSE FROM THE FOLLOWING:

ENGLISH 3	Intro to Lit	(4)	ENGL 105	Composition and (3) Literature
ENGLISH 10A	Literatures in English I: To 1700	(4)	ENGL 215	English Literature I: (3) 800-1799
ENGLISH 10B	Literatures in English II: 1700-1900	(4)	ENGL 210	American Literature I (3)
			ENGL 216	English Literature II: (3) 1800 - Present
ENGLISH 10C	Literatures in English III: 1900 to Present	(4)	ENGL 211 	American Literature II (3)
FILM ST 1	Intro to Film Studies	(4)		ARTICULATED: College has not course(s) for articulation

Formerly Humanities 10 END OF MAJOR

## ====Animal Biology 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).

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

BIOLSCI 2A	Intro Biology:Life on	(5)	BIOL	210A	Introduction to the (4)
	Earth				Biological Sciences I
BIOLSCI 2B	Intro Biology: Ecology	(5)	BIOL	210A <u>&amp;</u>	Introduction to the (4)
	& Evolution			_	Biological Sciences I
			BIOL	210B	Introduction to the (4)
			İ		Biological Sciences
			Ì		II

BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life		BIOL   	210B	Introduction to the (4) Biological Sciences II
CHEM 2A	Genl Chemistry	(5)	CHEM 	200	<u>&amp;</u> General Chemistry I - (3) Lecture
			CHEM	200L	General Chemistry I - (2) Laboratory
CHEM 2B	Genl Chemistry	(5)	CHEM	200	<u>&amp;</u> General Chemistry I - (3) Lecture
			CHEM	200L	<u>&amp;</u> General Chemistry I - (2) Laboratory
			CHEM	201	<u>&amp;</u> General Chemistry II (3) - Lecture
			CHEM	201L	General Chemistry II (2)
CHEM 2C	Genl Chemistry	(5)	CHEM	201	- Laboratory <u> <u> </u>General Chemistry II (3)</u>
			CHEM	201L	1
			 		- Laboratory
CHEM 8A	Organic Chem-Brief	(2)	CHEM   	130	Introduction to (3) Organic and Biological Chemistry
			CHEM	130L	
					Biological Chemistry Laboratory
CHEM 8B	Organic Chem-Brief	(4)	CHEM	130	<u>&amp;</u> Introduction to (3)
					Organic and Biological Chemistry
			CHEM 	130L	Introduction to (1) Organic and
					Biological Chemistry Laboratory
CHEM 118A	<b>OR</b> Org Chem, Hlth & Sci	(4)	  CHEM	231	OR <u>&amp;</u> Organic Chemistry I - (3)
			  CHEM	231L	Lecture Organic Chemistry I (2)
CHEM 118B	Org Chem, Hlth & Sci	(4)	  CHEM	231	Laboratory <u> <u> </u>Organic Chemistry I - (3)</u>
			   CHEM	231L	Lecture <u> <u> </u> Organic Chemistry I (2)</u>
			   CHEM	233	Laboratory & Organic Chemistry II (3)
			CHEM	233L	- Lecture Organic Chemistry II (2)
			 		Laboratory
MATH 16A	Short Calculus	(3)	MATH	121	Basic Techniques of (3) Applied Calculus I
MATH 16B	Short Calculus	(3)	MATH	122	Basic Techniques of (3) Calculus II
MATH 16C	Short Calculus	(3)	MATH	122	Basic Techniques of (3) Calculus II
	OR	<i>.</i> .			OR
МАТН 17А	Calculus for BioSci		submi	itted	ARTICULATED: College has not course(s) for articulation
MATH 17B	Calculus for Biosci	(4)			ARTICULATED: College has not course(s) for articulation
MATH 17C	Calculus for BioSci	(4)	NO CO	DURSE	ARTICULATED: College has not course(s) for articulation
	OR				OR

MATH 21A	Calculus	(4) MATH 150 	Calculus with Analytic (5) Geometry I
MATH 21B	Calculus	(4)   MATH 151	Calculus with Analytic (4) Geometry II
MATH 21C	Calculus	(4)   MATH 252 	Calculus with Analytic (4) Geometry III
PHYSICS 7A	General Physics	(4) 5	
1110100 /11	General Physics	(4) PHYS 125 <u>&amp;</u>  PHYS 126	General Physics (5) General Physics II (5)
PHYSICS 7B	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.

STATIST Same	-	Elementar STATIST 13Y	y Statistics	(4)		L 200 <b>OR</b>	Biological	Statistics	(3)
						H 119 <b>OR</b>	Elementary	Statistics	(3)
					PSY	C 258	Behavioral Statistics	Science	(3)
AN BIOL AN BIOL AN BIOL	50B	Animal B Animal B Animal B	iology	(3)	NO	COMPARAB	LE COURSE LE COURSE LE COURSE		

END OF MAJOR

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

### Special Advising Note:

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

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) and International Baccalaureate (IB) Examination Note:

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## Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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AN SCI 1	Domest Ani & People	(4)  NO COMPARABLE COURSE
AN SCI 2	Intro Animal Sci	(4)  NO COMPARABLE COURSE
BIOLSCI 2A	Intro Biology:Life on Earth	(5)  BIOL 210A Introduction to the (4)   Biological Sciences I

& Evolution    BIOL 210B	Introduction to the (4) Biological Sciences I Introduction to the (4) Biological Sciences II
BIOLSCI 2C Intro Biology: (5) BIOL 210B Biodiversity & the Tree of Life	Introduction to the (4) Biological Sciences II
CHEM 2A Genl Chemistry (5) CHEM 200 <u>&amp;</u>	General Chemistry I - (3) Lecture
CHEM 200L	General Chemistry I - (2) Laboratory
CHEM 2B Genl Chemistry (5) CHEM 200 &	General Chemistry I - (3) Lecture
CHEM 200L <u>&amp;</u>	General Chemistry I - (2) Laboratory
CHEM 201 <u>&amp;</u>	General Chemistry II (3) - Lecture
CHEM 201L	
CHEM 8A Organic Chem-Brief (2) CHEM 130 <u>&amp;</u>	Introduction to (3) Organic and
CHEM 130L	Biological Chemistry Introduction to (1) Organic and Biological Chemistry Laboratory
CHEM 8B Organic Chem-Brief (4) CHEM 130 &	Introduction to (3) Organic and
CHEM 130L	Biological Chemistry Introduction to (1) Organic and Biological Chemistry Laboratory
PL SCI 21 Computers in Technology (3) NO COMPARAB	3LE COURSE OR
B) ENG CS 15 Intro to Computers (4) CISC 181	-
ECON 1A Princ of Microecon (4) ECON 121	
	Principles of (3) Macroeconomics
MGMT 11AElem Accounting(4)   ACCT 116AMGMT 11BElem Accounting(4)   ACCT 116B	Financial Accounting (4) Managerial Accounting (4)
	Basic Techniques of (3)
MATH 16B Short Calculus (3) MATH 122	Applied Calculus I Basic Techniques of (3) Calculus II
MATH 16C Short Calculus (3) MATH 122	Basic Techniques of (3) Calculus II OR
MATH 17A Calculus for BioSci (4) NO COURSE A	ARTICULATED: College has not
MATH 17B Calculus for Biosci (4) NO COURSE A	course(s) for articulation ARTICULATED: College has not course(s) for articulation
MATH 17C Calculus for BioSci (4) NO COURSE A	ARTICULATED: College has not course(s) for articulation

	OR				OR
MATH 21A	Calculus	(4)	MATH	150	Calculus with Analytic (5)
					Geometry I
MATH 21B	Calculus	(4)	MATH	151	Calculus with Analytic (4)
					Geometry II
MATH 21C	Calculus	(4)	MATH	252	Calculus with Analytic (4)
					Geometry III

# AREAS OF SPECIALIZATION:

## AQUATIC ANIMALS SPECIALIZATION

			Intro Aquaculture	(4)   NO	COMPARABLE	COURSE				
	COMPANION ANIMALS SPECIALIZATION									
AN	SCI	42	Intro Comp Ani Bio	(4)   NO	COMPARABLE	COURSE				
	DAIRY SPECIALIZATION									
			Domestic Ani Prod Domest An Prod Lab							
	EQUINE SPECIALIZATION									
AN	SCI	15	Intro Horse Husb	(3) NO	COMPARABLE	COURSE				
			LIVESTOCK	SPECIAL	IZATION					
			Domestic Ani Prod Domest An Prod Lab							
			POULTRY S	PECIALI	ZATION					
AV	SCI	11	Intro Poultry Sci	(3) NO	COMPARABLE	COURSE				
	RESTRICTED ELECTIVES (12 QUARTER UNITS):									
AGI	RESEC		Business Law	(4) BUS 	SE 140 E	Business Law and the (3) Legal Environment				

END OF MAJOR

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

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

## Special Advising Note:

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\*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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	rom our TAG website.				
	Intro Animal Sci Domestic Ani Prod Domest An Prod Lab	(4) (2)	NO CON	MPARABLI MPARABLI	E COURSE E COURSE E COURSE E COURSE
BIOLSCI 2A		(5)	BIOL 2	210A	Introduction to the (4) Biological Sciences I
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	  BIOL 2 	210A <u>&amp;</u>	-
			BIOL 2   	210B	Introduction to the (4) Biological Sciences II
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 2   	210B	Introduction to the (4) Biological Sciences II
CHEM 2A	Genl Chemistry	(5)	İ	—	General Chemistry I - (3) Lecture
CHEM 2B	Genl Chemistry	(5)	CHEM 2    CHEM 2		General Chemistry I - (2) Laboratory General Chemistry I - (3)
0		(0)	İ	—	Lecture General Chemistry I - (2)
			  CHEM 2	201 <u>&amp;</u>	Laboratory General Chemistry II (3)
			  CHEM 2 	201L	<ul><li>Lecture</li><li>General Chemistry II (2)</li><li>Laboratory</li></ul>
CHEM 8A	Organic Chem-Brief	(2)	  CHEM 1   	130 <u>&amp;</u>	Introduction to (3) Organic and Biological Chemistry
			CHEM 1   	130L	Introduction to (1) Organic and Biological Chemistry
CHEM 8B	Organic Chem-Brief	(4)	  CHEM 1 	130 <u>&amp;</u>	Laboratory Introduction to (3) Organic and Diclosified Chemisters
	OR		  CHEM 1   	130L	Biological Chemistry Introduction to (1) Organic and Biological Chemistry Laboratory OR
CHEM 118A	Org Chem, Hlth & Sci	(4)	  CHEM 2 	231 <u>&amp;</u>	Organic Chemistry I - (3) Lecture
			CHEM 2 	231L	Organic Chemistry I (2) Laboratory
CHEM 118B	Org Chem, Hlth & Sci	(4)	Снем 2 	231 <u>&amp;</u>	Organic Chemistry I - (3) Lecture
			ĺ	231L <u>&amp;</u>	Organic Chemistry I (2) Laboratory
			CHEM 2 	-	Organic Chemistry II (3) - Lecture
			CHEM 2 	233L	Organic Chemistry II (2) Laboratory

МАТН 16А	Short Calculus	(3)	MATH 121	Basic Techniques of (3) Applied Calculus I
MATH 16B	Short Calculus	(3)	MATH 122	Basic Techniques of (3)
	05			Calculus II
	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
			submitted	course(s) for articulation
	OR			OR
MATH 21A	Calculus	(4)	MATH 150	Calculus with Analytic (5)
				Geometry I
MATH 21B	Calculus	(4)	MATH 151	Calculus with Analytic (4)
				Geometry II

#### AREAS OF SPECIALIZATION:

## AQUATIC ANIMALS

AN 	SCI	18	Intro	Aquacult	ıre	(4)   NO	COMPARABLE	COURSE		
	AVIAN SCIENCES									
AV	SCI	13	Birds	,Humans &	Env	(3)   NO	COMPARABLE	COURSE		
	COMPANION AND CAPTIVE ANIMALS									
AN	SCI	42	Intro	Comp Ani	Bio	(4)   NO	COMPARABLE	COURSE		
					EQUINE S	SCIENCE				
AN	SCI	15	Intro	Horse Hus	sb	(3) NO	COMPARABLE	COURSE		
LABORATORY ANIMALS										
AN 	SCI	42	Intro	Comp Ani	Bio	(4)   NO	COMPARABLE	COURSE		
	POULTRY									

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

END OF MAJOR

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

## Special Advising Note:

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

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

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

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

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#### EVOLUTIONARY EMPHASIS:

ANTHRO 1	Human Evol Biol	(4) ANTH 102 Introduction to	(3)
		Physical Anthropolog	ЗХ
ANTHRO 2	Cultural Anthropology	(5) ANTH 103 Introduction to	(3)
		Cultural Anthropolog	AA
e) ANTHRO	3 Intr to Archaeology	(4) ANTH 107 Introduction to	(3)
		Archaeology	

#### ONE COURSE FROM THE FOLLOWING:

ANTHRO 15	Human Life Cycle	(5)	NO COMPARA	ABLE COURSE
e) ANTHRO 23	Intr World Prehist	(4)	ANTH 107	Introduction to (3)
				Archaeology
ANTHRO 24	Ancient Crops and People	(4)	NO COURSE	ARTICULATED: College has not
			submitted	course(s) for articulation
ANTHRO 50	Evolution and Human	(4)	NO COURSE	ARTICULATED: College has not
	Nature		submitted	course(s)for articulation
ANTHRO 54	Intro to Primatology	(4)	NO COURSE	ARTICULATED: College has not
			submitted	course(s)for articulation

#### ONE COURSE FROM THE FOLLOWING:

\_\_\_\_\_

ANTHRO 13	Sci Method in Physical	(4)	NO COURSE ARTICULATED: College has not
	Anthropology		submitted course(s) for articulation
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE

STATIST 13 Elementary Statistics Same as: STATIST 13Y	(4)	BIOL 200	Biological Statistics	(3)
		MATH 119	Elementary Statistics	(3)
		<u>Or</u>  psyc 258 	Behavioral Science Statistics	(3)
STATIST 32 Gateway to Data Science	(4)	NO COMPARAB	LE COURSE	
SOCIOC	ULTUR.	AL EMPHASIS:		
ANTHRO 2 Cultural Anthropology	(5)	ANTH 103	Introduction to	(3)
			Cultural Anthropology	
TWO COURSES	FROM	THE FOLLOWIN	G:	
ANTHRO 1 Human Evol Biol	(4)	ANTH 102 	Introduction to Physical Anthropology	(3)
e) ANTHRO 3 Intr to Archaeology	(4)	ANTH 107	Introduction to Archaeology	(3)
ANTHRO 4 Anthro Linguistics	(4)	NO COMPARAB	LE COURSE	

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

END OF MAJOR

e) Students who take ANTH 107 at San Diego City, Mesa, or Miramar Colleges may receive credit at UC Davis for ANTHRO 3 or ANTHRO 23, not both.

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

# Special Advising Note:

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ANTHRO 1	Human Evol Biol	(4)	   ANTH	102		Introduction to (3	)
ANTHRO 2	Cultural Anthropology	(5)	   ANTH	103		Physical Anthropology Introduction to (3	)
e) ANTHRO (	3 Intr to Archaeology	(4)	   ANTH 	107		Cultural Anthropology Introduction to (3 Archaeology	)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL	210A		Introduction to the (4 Biological Sciences I	)
BIOLSCI 2B		(5)	BIOL	210A	<u>&amp;</u>	-	)
	& EVOLUCION		  BIOL 	210B		Introduction to the (4 Biological Sciences II	)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life		BIOL	210B		Introduction to the (4 Biological Sciences II	)
CHEM 2A	Genl Chemistry	(5)	   CHEM	200	<u>&amp;</u>	General Chemistry I - (3 Lecture	)
			CHEM	200L		General Chemistry I - (2 Laboratory	)
CHEM 2B	Genl Chemistry	(5)	CHEM	200	<u>&amp;</u>	General Chemistry I - (3 Lecture	)
			CHEM	200L	<u>&amp;</u>	General Chemistry I - (2 Laboratory	)
			CHEM	201	<u>&amp;</u>	General Chemistry II (3 - Lecture	)
			CHEM 	201L		General Chemistry II (2 - Laboratory	)
CHEM 8A	Organic Chem-Brief	(2)	CHEM 	130	<u>&amp;</u>	Introduction to (3 Organic and	)
			  CHEM   	130L		Biological Chemistry Introduction to (1 Organic and Biological Chemistry	)
CHEM 8B	Organic Chem-Brief	(4)	   CHEM 	130	<u>&amp;</u>	Laboratory Introduction to (3 Organic and	)

	OR		  CHEM   	130L	Biological Chemistry Introduction to (1) Organic and Biological Chemistry Laboratory <b>OR</b>
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM     CHEM	231 231L	Lecture
CHEM 118B	Org Chem, Hlth & Sci	(4)	   CHEM 	231	Laboratory <u> <u> </u>Organic Chemistry I - (3) Lecture</u>
			CHEM	231L	<u>&amp;</u> Organic Chemistry I (2) Laboratory
			CHEM	233	Corganic Chemistry II (3) - Lecture
			CHEM   	233L	
MATH 16A	Short Calculus	(3)	MATH	121	Basic Techniques of (3) Applied Calculus I
MATH 16B	Short Calculus	(3)	MATH	122	
MATH 16C	Short Calculus	(3)	  MATH 	122	Basic Techniques of (3) Calculus II
MATH 17A	<b>OR</b> Calculus for BioSci	(4)	  NO C(	OURSE	<b>OR</b> ARTICULATED: College has not
MATH 17B	Calculus for Biosci	(4)	NO CO	OURSE	<pre>course(s) for articulation ARTICULATED: College has not course(s) for articulation</pre>
MATH 17C	Calculus for BioSci	(4)	NO CO	OURSE	ARTICULATED: College has not course(s) for articulation
	OR				OR
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MATH 21C	Calculus	(4)	MATH 	252	Calculus with Analytic (4) Geometry III
	ONE COURSE FR	ROM T	HE FOI	LLOWII	NG:
ANTHRO 13	Sci Method in Physical Anthropology	(4)			ARTICULATED: College has not course(s) for articulation
SOCIOL 46B	Intro Social Rsch	(5)			ABLE COURSE
	Elementary Statistics	(4)			Biological Statistics (3)
Same as:	STATIST 13Y		01   MATH   01	119	Elementary Statistics (3)
			·	-	Behavioral Science (3) Statistics
STATIST 32	Gateway to Data Science	(4)	NO CO	OMPARA	
END OF MAJC					

e) Students who take ANTH 107 at San Diego City, Mesa, or Miramar Colleges may receive credit at UC Davis for ANTHRO 3 or ANTHRO 23, not both.

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

Special Advising Note:

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as possible for their major before enrolling at UC Davis. In particular, it is <u>highly recommended</u> that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

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# Recommended Language Preparation Note:

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

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

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or equivalent basic knowledge of MATLAB.							
			•	course(s)for articulation			
MATH 22AL	Lin Alg Comp Lab	(1)	NO COURSE	ARTICULATED: College has not			
MATH 22B	Differntl Equations	(3)	MATH 255	Differential Equations (3)			
			ĺ	Geometry III			
MATH 21D	Vector Analysis	(4)	MATH 252	Calculus with Analytic (4)			
			İ	Geometry III			
MATH 21C	Calculus	(4)	MATH 252	Calculus with Analytic (4)			
				Geometry II			
MATH 21B	Calculus	(4)	MATH 151	Calculus with Analytic (4)			
				Geometry I			
MATH 21A	Calculus	(4)	MATH 150	Calculus with Analytic (5)			

#### BOTH OF THE FOLLOWING COURSES:

MATH 22A	Linear Algebra	(3)	MATH 254	Introduction to Linear (	(3)
				Algebra	

AND				ANI	)			
Intro Abstract Math	(4) This	s course	must	be	taken	at	UC	Davis

MATH 108

OR SELECT THE FOLLOWING COURSE:

MATH 67	Modern Linear Algebra	(4) 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).						
Former	Intro to Programming(4) ly ENG CS 10 Engr Prob Solving	NO COURSE ARTICULATED: College has not submitted course(s)for articulation (4) NO COURSE ARTICULATED				

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		THE FOLLOWING TWO-COURSE SEQUENCES:
BIOLSCI 2A Intro Biology:Life on	(5)	BIOL 210A Introduction to the (4)
Earth		Biological Sciences I
BIOLSCI 2B Intro Biology: Ecology	(5)	BIOL 210A <u>&amp;</u> Introduction to the $(4)$
& Evolution		Biological Sciences I
		BIOL 210B Introduction to the (4)
		Biological Sciences
		II
OR		OR
CHEM 2A Genl Chemistry	(5)	CHEM 200 & General Chemistry I - (3)
		Lecture
		CHEM 200L General Chemistry I - (2)
	(	Laboratory
CHEM 2B Genl Chemistry	(5)	CHEM 200 & General Chemistry I - (3)
		Lecture  CHEM 200L & General Chemistry I - (2)
		$\begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \\ \end{array} \end{array} \\ \begin{array}{c} \end{array} \\ \begin{array}{c} \end{array} \\ \begin{array}{c} \end{array} \\ \begin{array}{c} \end{array} \\ \begin{array}{c} \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \end{array} $
		CHEM 201 <u>&amp;</u> General Chemistry II (3)   - Lecture
		CHEM 201L General Chemistry II (2)
		- Laboratory
OR		
ECON 1A Princ of Microecon	(4)	ECON 121 Principles of (3)
	( = )	Microeconomics
ECON 1B Princ of Macroecon	(4)	ECON 120 Principles of (3)
		Macroeconomics
OR		OR
PHYSICS 9A Classical Physics	(5)	PHYS 195 Mechanics (5)
PHYSICS 9B Classical Physics	(5)	PHYS 196 $\underline{\mathbf{a}}$ Electricity and (5)
		Magnetism
		PHYS 197 Waves, Optics and (5)
		Modern Physics
OR		OR
STATIST 32 Gateway to Data Science	• •	NO COMPARABLE COURSE
STATIST 100 Applied Stats for Bio Sci	(4)	This course must be taken at UC Davis
001		1

# OR

OTHER APPROVED APPLIED PREPARATORY COURSES \_\_\_\_\_

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

## Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <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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# Special Advising Note for future applicants:\*

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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

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

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available from our from website.		
PHYSICS 9A Classical Physics	(5)	PHYS 195 Mechanics (5)
PHYSICS 9B Classical Physics		
		Magnetism
		PHYS 197 Waves, Optics and (5)
		Modern Physics
PHYSICS 9C Classical Physics	(5)	PHYS 196 Electricity and (5)
		Magnetism
PHYSICS 9D Modern Physics	(4)	PHYS 197 Waves, Optics and (5)
OR		Modern Physics OR
PHYSICS 9HA Honors Physics	(5)	NO COURSE ARTICULATED: College has not
	(3)	submitted course(s) for articulation
PHYSICS 9HB Honors Physics	(5)	NO COURSE ARTICULATED: College has not
-		submitted course(s) for articulation
PHYSICS 9HC Honors Physics	(5)	NO COURSE ARTICULATED: College has not
		submitted course(s) for articulation
PHYSICS 9HD Honors Physics	(5)	NO COURSE ARTICULATED: College has not
		submitted course(s) for articulation
PHYSICS 9HE Honors Physics	(5)	NO COURSE ARTICULATED: College has not
		submitted course(s) for articulation
MATH 21A Calculus	(4)	MATH 150 Calculus with Analytic (5)
FAIT ZIA Calculus	(1)	Geometry I
MATH 21B Calculus	(4)	MATH 151 Calculus with Analytic (4)
	. ,	Geometry II
MATH 21C Calculus	(4)	MATH 252 Calculus with Analytic (4)
		Geometry III
MATH 21D Vector Analysis	(4)	MATH 252 Calculus with Analytic (4)
	(2)	Geometry III
MATH 22A Linear Algebra	(3)	MATH 254 Introduction to Linear (3)
MATH 22B Differntl Equations	(3)	Algebra MATH 255 Differential Equations (3)
ATMOSPHERIC PH	YSIC	S CONCENTRATION
PHYSICS 40 Intr Physics Computation	(4)	NO COURSE ARTICULATED
		S CONCENTRATION
CHEM ZA Geni Chemistry	(5)	CHEM 200 & General Chemistry I - (3)
		Lecture  CHEM 200L General Chemistry I - (2)
		Laboratory
CHEM 2B Genl Chemistry	(5)	CHEM 200 & General Chemistry I - (3)
		Lecture
		CHEM 200L & General Chemistry I - (2)
		Laboratory
		CHEM 201 & General Chemistry II (3)
		- Lecture
		CHEM 201L General Chemistry II (2)
CHEM 2C Genl Chemistry	(5)	- Laboratory  CHEM 201 & General Chemistry II (3)
CHEM 20 GENIL CHEMISCLY	(5)	= Lecture

		CHEM 201L General Chemistry II ( - Laboratory	(2)
PHYSICS 40	Intr Physics Computatio	on (4) NO COURSE ARTICULATED	
	COMPUTATION	NAL PHYSICS CONCENTRATION	
	Programming ENG CS 30	(4) CISC 190 JAVA Programming ( OR	(4)
	Object-Oriented Program ENG CS 40	CISC 192 C/C++ Programming ( m (4) NO COMPARABLE COURSE	(4)
may not	be identical to UC Davi ansfer to UC Davis, may	college's computer science courses is courses. Community college students, need to make up any topic or language	
	GEODHAS	SICS CONCENTRATION	
PHYSICS 40		on (4) NO COURSE ARTICULATED	
	MATERIALS	S SCIENCE CONCENTRATION	
PHYSICS 40	Intr Physics Computation	on (4) NO COURSE ARTICULATED	
	PHYSICAL E	ELECTRONICS CONCENTRATION	
ENGIN 17	Circuits I	(4) ENGE 260 Electric Circuits (	(3)
		on (4) NO COURSE ARTICULATED	
PHYSICS 80	Experimental Techniques	s (4)  NO COURSE ARTICULATED 	
	PHYSICAL OCE	EANOGRAPHY CONCENTRATION	
PHYSICS 40		on (4) NO COURSE ARTICULATED	
END OF MAJO	 R		

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

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#### FOUR COURSES FROM THE FOLLOWING:

ARTHI	1A	Ancient Mediterranean Art	(4)	ARTF	110	Art History:	(3)
						Prehistoric to Gothic	
ARTHI	1B	Mediev&Renaiss Art	(4)	ARTF	110 <u>s</u>	Art History:	(3)
						Prehistoric to Gothic	
				ARTF	111	Art History:	(3)
				ĺ		Renaissance to Modern	
ARTHI	1C	Baroque to Modern Art	(4)	ARTF	111	Art History:	(3)
				ĺ		Renaissance to Modern	
ARTHI	1D	Arts of Asia	(4)	ARTF	125	Art History: Arts of	(3)
				ĺ		the Asian Continent	
ARTHI	1E	Islamic Art &	(4)	NO CO	OURSE	ARTICULATED: College has :	not
		Architecture		subm	itted	course(s) for articulation	n
ARTHI	5	Visual Culture	(4)	NO CO	OMPARA	ABLE COURSE	
ARTHI	25	Understanding	(4)	NO CO	OMPARA	ABLE COURSE	
		Architecture		İ			

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ONE	ART	STUDIO	COURSE	FROM:
ONE	ART.	STUDIO	COURSE	FROM:

ART 2	Beginning Drawing	(4)	ARTF 155A OR	Freehand Drawing I	(3)
			ARTF 155B	Freehand Drawing II	(3)
ART 5	Beginning Sculpture	(4)	ARTF 175A	Sculpture I	(3)
			OR		
			ARTF 175B	Sculpture II	(3)
			OR		
			ARTF 175C	Sculpture III	(3)
ART 7	Beginning Painting	(4)	ARTF 165A	Composition in	(3)
				Painting I	
ART 8	Beginning Ceramic Sculpture	(4)	NO COMPARAB	BLE COURSE	
art 9	Beginning Photography	(4)	NO COURSE A	RTICULATED: College has	s not
			submitted c	ourse(s) for articulati	on
ART 11	Beginning Printmaking	(4)	ARTF 198A	Introduction to	(3)
				Printmaking I	
ART 12	Beginning Video	(4)	NO COURSE A	RTICULATED: College has	not
			submitted c	ourse(s) for articulati	on
ART 24	Intro Experimental Video	(4)	NO COURSE A	RTICULATED: College has	not
	and Film		submitted c	course(s) for articulati	on
END OF M	IAJOR				

#### Special Advising Note:

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FOUR COURSES FROM THE FOLLOWING: ART 2 Beginning Drawing (4) ARTF 155A Freehand Drawing I (3) OR ARTF 155B Freehand Drawing II (3) ART 5 Beginning Sculpture (4)|ARTF 175A Sculpture I (3) OR ARTF 175B Sculpture II (3) OR ARTF 175C Sculpture III (3) (4) ARTF 165A Composition in art 7 Beginning Painting (3) Painting I ART 8 Beginning Ceramic Sculpture (4) | NO COMPARABLE COURSE Beginning Photography (4) NO COURSE ARTICULATED: College has not art 9

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			submitted course(s) for articulation
ART 11	Beginning Printmaking	(4)	ARTF 198A Introduction to (3)
			Printmaking I
ART 12	Beginning Video	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
	TWO LECTURE COURSES CHO	OSEN	FROM THE FOLLOWING:
ART 24	Intro Experimental Video	(4)	NO COURSE ARTICULATED: College has not
	and Film		submitted course(s) for articulation
ART 30	Contemp Vis Culture	(4)	NO COMPARABLE COURSE
ARTHI 1A	Ancient Mediterranean Art	(4)	1 1
			Prehistoric to Gothic
ARTHI 1B	Mediev&Renaiss Art	(4)	ARTF 110 $\underline{\&}$ Art History: (3)
			Prehistoric to Gothic
			ARTF 111 Art History: (3)
			Renaissance to Modern
ARTHI 1C	Baroque to Modern Art	(4)	ARTF 111 Art History: (3)
			Renaissance to Modern
ARTHI 1D	Arts of Asia	(4)	ARTF 125 Art History: Arts of (3)
			the Asian Continent
ARTHI 1E	Islamic Art &	(4)	NO COURSE ARTICULATED: College has not
	Architecture		submitted course(s) for articulation
ARTHI 5	Visual Culture	• •	NO COMPARABLE COURSE
ARTHI 25	Understanding	(4)	NO COMPARABLE COURSE
	Architecture		
END OF MA	JOR		

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

# Special Advising Note:

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Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <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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# College Foreign Language Requirement Note:

college grad <u>http://llc.</u>	duation requirement in a fo ucdavis.edu/foreign-langua ollege Dean's Office or the	orei age-	do not certify IGETC must complete a gn language. See <u>placement-exams</u> and check with your ology Academic Success Center for more
Advanced Pla	acement (AP)and Internation	nal	Baccalaureate (IB) Examination Note:
General Cata	amination credit policies alog . Quick reference char com our TAG website.		detailed in the UC Davis 2018-19 for <u>AP</u> and <u>IB</u> are also
	Hist Exp Asian Am Contemp Issues of Asian Americans		1
A A STD 3	Social & Psychological Perspectives of Asian Americans	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
a a std 4		(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	AT LEAST TWO COURSES FI	ROM	THE FOLLOWING:
AF-AMST 10 AF-AMST 12 AF-AMST 15 AF-AMST 16	Af-Am Culture & Soc Intro Afro Studies Intro Afro Amer Hum African Verbal Arts	(4) (4) (4)	NOCOMPARABLECOURSENOCOMPARABLECOURSENOCOMPARABLECOURSENOCOMPARABLECOURSE
AF-AMST 17 AF-AMST 18		(4)	NO COMPARABLE COURSE NO COURSE ARTICULATED: College has not submitted course(s)for articulation
AF-AMST 50 AF-AMST 51 AF-AMST 52 AF-AMST 80 AMR STD 1A	Blk Images Pop Cult History Af-Amr Dance Afr Tradit Relig Black Politics Science and American Culture	(4) (4) (4)	NOCOMPARABLECOURSENOCOMPARABLECOURSENOCOMPARABLECOURSENOCOMPARABLECOURSENOCOMPARABLECOURSE
AMRSTD1BAMRSTD1CAMRSTD1EAMRSTD5AMRSTD10		(4) (4) (4)	NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COURSE ARTICULATED: College has not
AMR STD 21	Objects & Everyday Life	(4)	<pre>submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation</pre>
AMR STD 25 AMR STD 30	U.S. as Business Culture Amr Images Pop Cult		NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COMPARABLE COURSE
AMR STD 55 Same as:	Food in Amer Culture FD S&T 55	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AMR STD 59 CHICANO 10	Music and American Culture Intro to Chic Std		NO COURSE ARTICULATED: College has notsubmitted courses for articulationCHIC 110AIntroduction to(3)
5		( 1 )	Chicano Studies CHIC 110B Introduction to (3) Chicano Studies
CHICANO 21 CHICANO 30 CHICANO 40	Hlth Care Issues US Poli & Chicanos Comparative Health	(4)	NO COMPARABLE COURSE NO COMPARABLE COURSE NO COURSE ARTICULATED: College has not
CHICANO 50	Chicano Culture		submitted course(s) for articulation CHIC 135 Chicana/o Literature (3)

Chicana and Chicano CHICANO 60 (4) CHIC 190 Chicano Images in Film (3) CHICANO 60Chicana and Chicano<br/>Representn in Cinema(1) Chicano and chicano<br/>Representn in CinemaCHICANO 65New Latin American<br/>Cinema(4) NO COURSE ARTICULATED: College has not<br/>submitted course(s) for articulationCHICANO 70Survey Chic Art<br/>CHICANO 73(4) CHIC 230Chicano Art<br/>(3)CHICANO 73Art Expr Silk Scr<br/>Intro NA Studies(4) NO COMPARABLE COURSEN A STD 1Intro NA Studies(4) NO COMPARABLE COURSEN A STD 5Intro NA Literature(4) NO COMPARABLE COURSEN A STD 7Indig & Minority Langs(4) NO COURSE ARTICULATED: College has not<br/>submitted course(s) for articulation submitted course(s)for articulation | submitted course(s) for N A STD 10 NA Experience (4) | NO COMPARABLE COURSE N A STD 12 Native Amer/Indigenous (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation Film Submitted Course(5) (4) NO COMPARABLE COURSE N A STD 32 NA Music & Dance Intro NA Art NA Art Workshop (4) NO COMPARABLE COURSE N A STD 33 N A STD 34NA Art Workshop(1) NO COMPARABLE COURSEWOM STD 20Cult Repr of Gndr(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation WOM STD 25 Gender & Global Cinema (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (4) NO COURSE ARTICULATED: College has not WOM STD 50 Intro Gender Studies submitted course(s) for articulation WOM STD 60 Feminist Critiques (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (4) NO COURSE ARTICULATED: College has not WOM STD 70 Sexual:Thry&Hist submitted course(s) for articulation AT LEAST TWO COURSES FROM THE FOLLOWING METHODS COURSES: ANTHRO 13 Sci Method in Physical (4) | NO COURSE ARTICULATED: College has not ANTHRO 13 SCI Metnod in Frystedi Anthropology submitted course(s) for articulation ARTHI 5 Visual Culture (4) NO COMPARABLE COURSE ART 10 Fine Art Appreciation (4) ARTF 100 Art Orientation (3) ART 30 Contemp Vis Culture (4) NO COMPARABLE COURSE CHICANO 23 Qualitative Research Methods (4) NO COURSE ARTICULATED: College has not Submitted course(s) for articulation (4) NO COMPARABLE COURSE ENGLISH 42 Approaches to Reading (4) NO COMPARABLE COURSE PHILOS 5 Critical Reasoning (4) PHIL 100 Logic and Critical (3) Thinking N A STD 46 Orientation to Research (4) NO COMPARABLE COURSE in NAS POL SCI 51Scientific Study of<br/>Politics(4) NO COURSE ARTICULATED: College has not<br/>submitted course(s) for articulationPSYCH 41Research Methods(4) PSYC 255Introduction to<br/>(3) Psychological Research SOCIOL 46AIntro Social Rsch(4) NO COMPARABLE COURSESOCIOL 46BIntro Social Rsch(5) NO COMPARABLE COURSE STATIST 13 Elementary Statistics (4) BIOL 200 Biological Statistics (3) Same as: STATIST 13Y OR MATH 119 Elementary Statistics (3) OR PSYC 258 Behavioral Science (3) Statistics \_\_\_\_\_

END OF MAJOR

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

# Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is <u>highly recommended</u> that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree. Transfer students must also meet UC transfer admission requirements. See the U<u>C Transfer Admission website</u> 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 U<u>C Transfer Admission website</u>. The courses used for the A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

\*Students majoring in Sustainable Agriculture and Food Systems who plan to

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

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

PL SCI 2	Bot Physio Cul Plt	(4)   NO COMPARABLE COURSE
CHEM 2A	Genl Chemistry	(5) CHEM 200 <u>&amp;</u> General Chemistry I - (3 Lecture
		CHEM 200L General Chemistry I - (2 Laboratory
CHEM 2B	Genl Chemistry	(5) CHEM 200 <u>&amp;</u> General Chemistry I - (3 Lecture
		CHEM 200L <u>&amp;</u> General Chemistry I - (2 Laboratory
		CHEM 201 <u>&amp;</u> General Chemistry II (3 - Lecture
		CHEM 201L General Chemistry II (2 - Laboratory
	A Programming Ly ENG CS 30	(4) CISC 190 JAVA Programming (4
- 01011		CISC 192 C/C++ Programming (4

## or a course selected with advisor's approval

MATH 21A	Calculus	(4) M	IATH	150	Calculus with Analytic Geometry I	(5)
MATH 21B	Calculus	(4)   M	IATH	151	Calculus with Analytic Geometry II	(4)
MATH 21C	Calculus	(4) M	IATH	252	Calculus with Analytic Geometry III	(4)
MATH 21D	Vector Analysis	(4) M	IATH	252	Calculus with Analytic Geometry III	(4)
MATH 22A	Linear Algebra	(3) M	IATH	254	Introduction to Linear Algebra	(3)
MATH 22B	Differntl Equations	(3) M	1ATH	255		(3)
ATM SCI 60	Intro to Atmospheric Science	(4) N	10 CO	MPARABI	LE COURSE	
	Classical Physics					(5)
	Classical Physics Classical Physics	(5) P	PHYS	196 <u>&amp;</u>	Electricity and Magnetism	(5)
		(5) P	PHYS		Electricity and	(5)
PHYSICS 9B		(5) P    P	PHYS PHYS	196 <u>&amp;</u> 197	Electricity and Magnetism Waves, Optics and Modern Physics	(5)
PHYSICS 9B PHYSICS 9C STATIST 13	Classical Physics	(5) P         (5) P	PHYS PHYS PHYS	196 <u>&amp;</u> 197 196 	Electricity and Magnetism Waves, Optics and Modern Physics Electricity and	(5) (5) (5)
PHYSICS 9B PHYSICS 9C STATIST 13	Classical Physics Classical Physics Elementary Statistics	(5)   P     (5)   P     (4)   B	PHYS PHYS PHYS SIOL OR MATH	196 <u>&amp;</u> 197 196 200 119	Electricity and Magnetism Waves, Optics and Modern Physics Electricity and Magnetism Biological Statistics	(5) (5) (5)
PHYSICS 9B PHYSICS 9C STATIST 13	Classical Physics Classical Physics Elementary Statistics	(5)   P   P (5)   P   (4)   B   M	PHYS PHYS PHYS 3IOL OR MATH OR	196 <u>&amp;</u> 197 196 200 119	Electricity and Magnetism Waves, Optics and Modern Physics Electricity and Magnetism Biological Statistics Elementary Statistics	(5) (5) (5) (3)

# PREPARATION FOR GRADUATION:

ENGIN 6 Engr Prob Solving (4) NO COURSE ARTICULATED

END OF MAJOR

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

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## Special Advising Note:

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

## IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

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## Special Advising Note:

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

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

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

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

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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 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.

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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 2018-2019 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> 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 <u>College of Engineering website</u> if you have any questions.

END OF MAJOR

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

# Special Advising Note:

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

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

## **REQUIREMENTS FOR ADMISSION:**

### (for 2019-20)

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

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

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

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

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

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

#### Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

BIOLSCI 2A	Intro Biology:Life on	(5) BIOL 210A	Introduction to the (4)
	Earth		Biological Sciences I
BIOLSCI 2B	Intro Biology: Ecology	(5) BIOL 210A <u>&amp;</u>	Introduction to the (4)
	& Evolution		Biological Sciences I
		BIOL 210B	Introduction to the (4)
		ĺ	Biological Sciences

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BIOLSCI 2C Intro Biology: Biodiversity & the Tree of Life		II  BIOL 210B Introduction to the (4)   Biological Sciences   II
duem 2 don's domination	·	QUEN 200 C Concrel Charitative I (2)
CHEM 2A Genl Chemistry	(5)	CHEM 200 <u>&amp;</u> General Chemistry I - (3) Lecture
		CHEM 200L General Chemistry I - (2) Laboratory
CHEM 2B Genl Chemistry	(5)	CHEM 200 & General Chemistry I - (3)
		Lecture CHEM 200L & General Chemistry I - (2)
		Laboratory
		CHEM 201 <u>&amp;</u> General Chemistry II (3) - Lecture
		CHEM 201L General Chemistry II (2)
CHEM 2C Genl Chemistry	(5)	- Laboratory  CHEM 201 & General Chemistry II (3)
		- Lecture
		CHEM 201L General Chemistry II (2) - Laboratory
OR	<i>.</i>	OR
CHEM 2AH Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHEM 2BH Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not
CHEM 2CH Honors Genl Chemistry	(5)	<pre>submitted course(s) for articulation NO COURSE ARTICULATED: College has not</pre>
	(3)	submitted course(s) for articulation
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
OR		submitted course(s) for articulation <b>OR</b>
MATH 21A Calculus	(4)	MATH 150 Calculus with Analytic (5)
	( 1 )	Geometry I
MATH 21B Calculus	(4)	MATH 151Calculus with Analytic (4)Geometry II
PHYSICS 7A General Physics	( 1 )	PHYS 125 & General Physics (5)
FRISICS /A General Flysics	(4)	PHYS 126 General Physics II (5)
PHYSICS 7B General Physics	(4)	PHYS 125 & General Physics (5)
	( 4 )	PHYS 126 General Physics II (5)
PHYSICS 7C General Physics	(4)	PHYS 125 & General Physics(5)PHYS 126General Physics II(5)
	valen who .onal	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
OR		OR
PHYSICS 9A Classical Physics		PHYS 195 Mechanics (5)
PHYSICS 9B Classical Physics	(5)	PHYS 196 <u>&amp;</u> Electricity and (5) Magnetism
		PHYS 197 Waves, Optics and (5)

PHYSICS 9C	Classical Physics	Modern	Physics icity and (5) ism
CHEM 118A	Org Chem, Hlth & Sci	(4)   CHEM 231 <u>&amp;</u> Organ	ic Chemistry I - (3)

				231L	Lecture Organic Chemistry I (2) Laboratory
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM	231	<u>a</u> Organic Chemistry I - (3) Lecture
			CHEM	231L	
			CHEM	233	-
			CHEM	233L	Organic Chemistry II (2) Laboratory
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM	233	-
			CHEM	233L	
	OR				OR
CHEM 128A	Organic Chemistry	(3)	CHEM	231	Organic Chemistry I - (3) Lecture
CHEM 128B	Organic Chemistry	(3)	CHEM	231 <u>&amp;</u>	Organic Chemistry I - (3) Lecture
			CHEM	233	Organic Chemistry II - (3) Lecture
CHEM 128C	Organic Chemistry	(3)	CHEM	233	Organic Chemistry II - (3) Lecture
CHEM 129A	Organic Chem Lab	(2)	CHEM	231L	Organic Chemistry I (2) Laboratory
CHEM 129B	Organic Chem Lab	(2)	CHEM	231L	-
			CHEM	233L	-
		RECOMMEN	. רושרונ		
MATH 21C	Calculus		MATH	252	Calculus with Analytic (4) Geometry III

END OF MAJOR

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

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#### Special Advising Note:

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

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

#### **REQUIREMENTS FOR ADMISSION:**

#### (for 2019-20)

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.50 for each of the three course groups. It is recommended that candidates have already achieved the minimum required GPAs for the courses in the groups below that have been completed by the time of application and maintain them through

the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

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

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

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

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

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

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

Applicants to majors in the College of Biological Sciences apply to the major, without reference to A.B. or B.S. degrees, which are chosen after enrollment at UC Davis. All majors currently offered in the College of Biological Sciences are selective for purposes of admission; therefore, <u>in order to be considered</u> 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 <a href="http://llc.ucdavis.edu/foreign-language-placement-exams">http://llc.ucdavis.edu/foreign-language-placement-exams</a> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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

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

		·				
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 	210A		Introduction to the (4) Biological Sciences I
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL	210A	<u>&amp;</u>	Introduction to the (4) Biological Sciences I
			  BIOL 	210B		Introduction to the (4) Biological Sciences II
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life		BIOL   	210B		Introduction to the (4) Biological Sciences II
CHEM 2A	Genl Chemistry	(5)	İ		-	General Chemistry I - (3) Lecture
			CHEM	200L		General Chemistry I - (2) Laboratory
CHEM 2B	Genl Chemistry	(5)	CHEM	200	<u>&amp;</u>	General Chemistry I - (3) Lecture
			CHEM	200L	<u>&amp;</u>	General Chemistry I - (2) Laboratory
			CHEM	201	<u>&amp;</u>	General Chemistry II (3) - Lecture
			CHEM 	201L		General Chemistry II (2) - Laboratory
CHEM 8A	Organic Chem-Brief	(2)	CHEM 		<u>&amp;</u>	Organic and
CHEM 8A	Organic Chem-Brief	(2)			-	Organic and Biological Chemistry Introduction to (1) Organic and Biological Chemistry
	Organic Chem-Brief Organic Chem-Brief			130 130L	-	Organic and Biological Chemistry Introduction to (1) Organic and Biological Chemistry Laboratory Introduction to (3) Organic and
	Organic Chem-Brief		CHEM	130 130L		Organic and Biological Chemistry Introduction to (1) Organic and Biological Chemistry Laboratory Introduction to (3) Organic and Biological Chemistry Introduction to (1) Organic and Biological Chemistry Laboratory
		(4)	CHEM	130 130L 130 130L		Organic and Biological Chemistry Introduction to (1) Organic and Biological Chemistry Laboratory Introduction to (3) Organic and Biological Chemistry Introduction to (1) Organic and Biological Chemistry Laboratory OR Organic Chemistry I - (3)
CHEM 8B	Organic Chem-Brief OR	(4)	CHEM	130 130L 130 130L 231	<u>_</u>	Organic and Biological Chemistry Introduction to (1) Organic and Biological Chemistry Laboratory Introduction to (3) Organic and Biological Chemistry Introduction to (1) Organic and Biological Chemistry Laboratory OR Organic Chemistry I - (3) Lecture Organic Chemistry I (2)
CHEM 8B	Organic Chem-Brief OR	(4)	CHEM	130 130L 130 130L 231 231L	<u>_</u>	Organic and Biological Chemistry Introduction to (1) Organic and Biological Chemistry Laboratory Introduction to (3) Organic and Biological Chemistry Introduction to (1) Organic and Biological Chemistry Laboratory <b>OR</b> Organic Chemistry I - (3) Lecture Organic Chemistry I (2) Laboratory

			CHEM 233 & Organic Chemistry II (3)
			- Lecture CHEM 233L Organic Chemistry II (2)
CHEM 118C	Org Chem, Hlth & Sci	(4)	Laboratory CHEM 233 & Organic Chemistry II (3)
			- Lecture
			CHEM 233LOrganic Chemistry II (2)Laboratory
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	(4)	MATH 150 Calculus with Analytic (5) Geometry I
MATH 21B	Calculus	(4)	MATH 151 Calculus with Analytic (4)
			Geometry II
PHYSICS 1A			
PHYSICS 1B	Principles Physics <b>OR</b>	(3)	NO COMPARABLE COURSE
PHYSICS 7A		(4)	PHYS 125 & General Physics (5)
PHYSICS 7B	General Physics	(4)	PHYS 126General Physics II(5)PHYS 125&General Physics(5)
1110100 / D	Scherar Thybreb	(1)	PHYS 126 General Physics II (5)
PHYSICS 7C	General Physics	(4)	PHYS 125 & General Physics (5)
			PHYS 126 General Physics II (5)
			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.		Je Du	
	RECOMMENDED COU	JRSES	FOR THIS MAJOR:
CHEM 2C	Genl Chemistry	(5)	CHEM 201 <u>&amp;</u> General Chemistry II (3) - Lecture
			CHEM 201L General Chemistry II (2)
			- Laboratory
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	OR		OR
MATH 21C	Calculus	(4)	MATH 252Calculus with Analytic (4) Geometry III

END OF MAJOR

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

#### Special Advising Note:

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

Transfer students are strongly advised to complete as many preparatory courses

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

#### **REQUIREMENTS FOR ADMISSION:**

#### (for 2019-20)

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

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

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

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

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

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

## Transfer Admission Guarantee (TAG) Note:

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

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

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

Advanced Plac	ement (AP)and Internatio	nal :	Baccal	Laurea	ate	(IB) Examination Note:
General Catal	mination credit policies <u>og</u> . Quick reference cha m our TAG website.					
BIOLSCI 2A	51	(5)	BIOL	210A		Introduction to the (4)
BIOLSCI 2B	Earth Intro Biology: Ecology & Evolution	(5)	İ		-	Biological Sciences I
			     BTOT	210B		Introduction to the (4) Biological Sciences II
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life		BIOL   	2108		Introduction to the (4) Biological Sciences II
CHEM 2A Ge	nl Chemistry	(5)	СНЕМ 	200	<u>&amp;</u>	General Chemistry I - (3) Lecture
			CHEM	200L		General Chemistry I - (2) Laboratory
CHEM 2B Ge	nl Chemistry	(5)	CHEM	200	<u>&amp;</u>	General Chemistry I - (3) Lecture
			CHEM	200L	<u>&amp;</u>	General Chemistry I - (2) Laboratory
			CHEM	201	<u>&amp;</u>	General Chemistry II (3) - Lecture
			CHEM	201L		General Chemistry II (2) - Laboratory
CHEM 2C Ge	nl Chemistry	(5)	CHEM	201	<u>&amp;</u>	General Chemistry II (3) - Lecture
			CHEM	201L		General Chemistry II (2) - Laboratory
CHEM 8A Or	ganic Chem-Brief	(2)	CHEM 	130		Introduction to (3) Organic and
			  CHEM   	130L		Biological Chemistry Introduction to (1) Organic and Biological Chemistry Laboratory
CHEM 8B Or	ganic Chem-Brief	(4)	CHEM	130	<u>&amp;</u>	Introduction to (3) Organic and Biological Chemistry
			CHEM	130L		Introduction to (1) Organic and Biological Chemistry
	OR					Laboratory <b>OR</b>
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM	231	<u>&amp;</u>	Organic Chemistry I - (3) Lecture
			CHEM 	231L		Organic Chemistry I (2) Laboratory
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM	231	<u>&amp;</u>	Organic Chemistry I - (3) Lecture
			CHEM 	231L	<u>&amp;</u>	Organic Chemistry I (2) Laboratory
			CHEM 	233	<u>&amp;</u>	Organic Chemistry II (3) - Lecture
			CHEM 	233L		Organic Chemistry II (2) Laboratory

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CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 233 <u>&amp;</u> Organic Chemistry II (3) - Lecture CHEM 233L Organic Chemistry II (2) Laboratory
 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	(4)	MATH 150 Calculus with Analytic (5) Geometry I
MATH 21B	Calculus	(4)	MATH 151 Calculus with Analytic (4) Geometry II
PHYSICS 7A	General Physics	(4)	PHYS 125 & General Physics(5)PHYS 126General Physics II(5)
PHYSICS 7B	General Physics	(4)	PHYS 125 & General Physics(5)PHYS 126General Physics II(5)
PHYSICS 7C	General Physics	(4)	PHYS 125 <b>&amp;</b> General Physics II(5)PHYS 126General Physics II(5)

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:

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(4) MATH 252 Calculus with Analytic (4) Geometry III

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END OF MAJOR

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

#### Special Advising Note:

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

#### IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

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### Special Advising Note:

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

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

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

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

#### Transfer Admission Guarantee (TAG) Note:

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

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### 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.

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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 2018-2019 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

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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 <u>College of Engineering website</u> if you have any questions.

#### ====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.

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## General Education (GE) Note:

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

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

**AP and** IB examination credit policies are detailed in the UC Davis 2018-2019 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> 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 <u>College of Engineering website</u> if you have any questions.

END OF MAJOR

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

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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 <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> for details regarding UC Davis TAG.

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

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

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

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

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

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

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

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

Earth BIOLSCI 2B Intro Biology: Ecology (5) BIOL 210A <u>&amp;</u> Introduction to the (4) & Evolution I Biological Sciences I	BIOLSCI 2A	Intro Dielegritife en	/ E \   T		 0107		Introduction to the (4)
BIOLSCI 2B Intro Biology: Ecology (5) BIOL 210A & Introduction to the (4) & Evolution Biological Sciences I	BIOLSCI ZA		() ()	BIOL	ZIUA		
	BIOLSCI 2B		(5)	BIOL	210A	<u>&amp;</u>	Introduction to the (4)
DTOT 210D Therefore to the (4)		& Evolution		DTOT	01.010		-
BIOL 210B Introduction to the (4) Biological Sciences			1	BIOL	210B		
			ĺ				5
	BIOLSCI 2C	51	(5) 1	BIOL	210B		Introduction to the (4)
Biodiversity & the Tree Biological Sciences of Life II							5
			ا - ـ ـ ـ ـ ـ				
BIOTECH 1Y Introduction to (4) NO COURSE ARTICULATED: College has not	BIOTECH 1Y						
Biotechnology  submitted course(s) for articulation		Biotechnology	ء   	submi	tted.	COI	<pre>urse(s) for articulation</pre>
CHEM 2A Genl Chemistry (5) CHEM 200 & General Chemistry I - (3)	CHEM 2A Ge	nl Chemistry	(5) (	CHEM	200	&	General Chemistry I - (3)
Lecture			ĺ			_	
CHEM 200L General Chemistry I - (2)				CHEM	200L		1
CHEM 2B Genl Chemistry (5) CHEM 200 & General Chemistry I - (3)	CHEM 2B Ge	nl Chemistry	(5)	CHEM	200	&	-
Lecture		-	İ			-	Lecture
CHEM 200L <u>&amp;</u> General Chemistry I - (2) Laboratory				CHEM	200L	<u>&amp;</u>	
CHEM 201 & General Chemistry II (3)				CHEM	201	&	_

		CHEM	201L	- Lecture General Chemistry II (2)
	<i>i</i> – .	ĺ		- Laboratory
CHEM 2C Genl Chemistry	(5)	CHEM 	201	General Chemistry II (3) - Lecture
		CHEM	201L	General Chemistry II (2)
		 		- Laboratory
CHEM 8A Organic Chem-Brief	(2)	CHEM	130	Introduction to (3) Organic and
				Biological Chemistry
		CHEM	130L	Introduction to (1) Organic and
				Biological Chemistry
CHEM 8B Organic Chem-Brief	(4)	CHEM	130	Laboratory & Introduction to (3)
		ĺ		Organic and Biological Chemistry
		CHEM	130L	Introduction to (1)
				Organic and Biological Chemistry
				Laboratory
<b>OR</b> CHEM 118A Org Chem, Hlth & Sci	(4)	   CHEM	231	OR <u> Organic Chemistry I - (3)</u>
		   СЧЕМ	231L	Lecture Organic Chemistry I (2)
				Laboratory
CHEM 118B Org Chem, Hlth & Sci	(4)	CHEM	231	Organic Chemistry I - (3) Lecture
		CHEM	231L	▲ Organic Chemistry I (2) Laboratory
		CHEM	233	<b>▲</b> Organic Chemistry II (3)
		   CHEM	233L	- Lecture Organic Chemistry II (2)
CHEM 1100 Own Chem Hith & Cat	(1)		111	Laboratory
CHEM 118C Org Chem, Hlth & Sci	(4)	CHEM 	233	<ul> <li>Organic Chemistry II (3)</li> <li>Lecture</li> </ul>
		CHEM	233L	Organic Chemistry II (2) Laboratory
OR	( 2 )			OR
CHEM 128A Organic Chemistry	(3)	CHEM	231	Organic Chemistry I - (3) Lecture
CHEM 128B Organic Chemistry	(3)	CHEM	231 <u></u>	Organic Chemistry I - (3) Lecture
		CHEM	233	
CHEM 128C Organic Chemistry	(3)	CHEM	233	Organic Chemistry II - (3)
CHEM 129A Organic Chem Lab	(2)	  CHEM	231L	Lecture Organic Chemistry I (2)
		 		Laboratory
MATH 16A Short Calculus		MATH		Basic Techniques of (3)
MATH 16B Short Calculus	(3)	MATH	122	Applied Calculus I Basic Techniques of (3)
OR				Calculus II <b>OR</b>
MATH 17A Calculus for BioSci	(4)			ARTICULATED: College has not
MATH 17B Calculus for Biosci	(4)	NO CO	DURSE	<pre>course(s) for articulation ARTICULATED: College has not</pre>
OR		subm: 	itted	<pre>course(s) for articulation</pre>
MATH 21A Calculus	(4)	MATH	150	Calculus with Analytic (5)
				Geometry I

MATH 21B Calculus	(4) M	1ATH 151	Calculus with Analytic Geometry II	(4)
PHYSICS 7A General Physics			General Physics General Physics II	
PHYSICS 7B General Physics	(4) P	PHYS 125 <u>&amp;</u>		(5)
It is highly recommended that student their community college that is equiv- series before transferring. Students series may be required to take addition Davis, and will need to meet with a to physics.	s comp alent who tr onal p	olete an en to the ent cansfer with physics cour	tire physics series at ire UC Davis Physics 7A hout completing an enti rses upon arrival at UC	/B/C re
COURSEWORK FOR F	IOINFO	RMATICS OP	 TION:	
ENG CS 20 C Sci/Discrete Math	(4) M	1ATH 245	Discrete Mathematics	(3)
ENG CS 20 C Sci/Discrete Math ENG CS 36A Programming				(3) (4)
	(4) C	CISC 190 OR	JAVA Programming	(4)
ENG CS 36A Programming	(4) C	CISC 190 OR		(4)
ENG CS 36A Programming	(4) C    C	CISC 190 OR CISC 192	JAVA Programming C/C++ Programming	(4)
ENG CS 36A Programming Formerly ENG CS 30	(4) C    C <b>R BIOI</b>	CISC 190 OR CISC 192 CISC TOP	JAVA Programming C/C++ Programming <b>OPTION:</b>	(4)
ENG CS 36A Programming Formerly ENG CS 30 <b>RESTRICTED ELECTIVES FO</b> ENG CS 36B Object-Oriented Program	(4)   C     C   C   C   C   C   C   C   C 	CISC 190 OR CISC 192 CISC TOP	JAVA Programming C/C++ Programming  OPTION: LE COURSE	(4)

#### ====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 <u>or</u> 21A/B Chemistry 2A/B/C Biological Sciences 2A/B/C

It is also strongly recommended that transfer students complete courses

comparable to the following UC Davis courses. Completion of these courses will help you move more efficiently toward graduation. Courses should be taken for a letter grade, with no grade less than C:

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

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

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

### Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

BIOLSCI 2A	Intro Biology:Life on	(5)	   btot.	 210¤	Introduction to the (4)
DIOLOCI ZII	Earth	()		21011	Biological Sciences I
BIOLSCI 2B	Intro Biology: Ecology	(5)	BIOL	210A <u>s</u>	-
	& Evolution				Biological Sciences I
			BIOL	210B	Introduction to the (4)
			ĺ		Biological Sciences
			İ		II
BIOLSCI 2C	Intro Biology:	(5)	BIOL	210B	Introduction to the (4)
	Biodiversity & the Tree		i		Biological Sciences
	of Life		i		II
			' 		
CHEM 2A Ge:	nl Chemistry	(5)	CHEM	200 <b>s</b>	: General Chemistry I - (3)
	-	. ,	ĺ	-	Lecture
			CHEM	2007	General Chemistry I - (2)

CHEM 2B	Genl Chemistry	(5)	Laboratory CHEM 200 <u>&amp;</u> General Chemistry I - (3) Lecture CHEM 200L <u>&amp;</u> General Chemistry I - (2) Laboratory
			CHEM 201 <u>&amp;</u> General Chemistry II (3) - Lecture
			CHEM 201L General Chemistry II (2) - Laboratory
CHEM 2C	Genl Chemistry	(5)	CHEM 201 <u>&amp;</u> General Chemistry II (3) - Lecture
			CHEM 201L General Chemistry II (2) - Laboratory
CHEM 8A	Organic Chem-Brief	(2)	CHEM 130 <u>&amp;</u> Introduction to (3) Organic and Biological Chemistry
			CHEM 130LIntroduction to(1)Organic andBiological ChemistryLaboratory
CHEM 8B	Organic Chem-Brief	(4)	CHEM 130 <u>&amp;</u> Introduction to (3) Organic and Biological Chemistry
			CHEM 130L Introduction to (1) Organic and Biological Chemistry Laboratory
CHEM 118A	<b>OR</b> Org Chem, Hlth & Sci	(4)	OR  CHEM 231 <u>&amp;</u> Organic Chemistry I - (3)   Lecture
			CHEM 231L Organic Chemistry I (2) Laboratory
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 231 <u>&amp;</u> Organic Chemistry I - (3) Lecture
			CHEM 231L & Organic Chemistry I (2) Laboratory
			CHEM 233 & Organic Chemistry II (3) - Lecture CHEM 233L Organic Chemistry II (2)
CHEM 118C	Org Chem, Hith & Sci	(4)	CHEM 2331       Organic Chemistry II       (2)         Laboratory       CHEM 233       & Organic Chemistry II       (3)
	019 011000, 112000 0 201	( _ )	CHEM 233L Organic Chemistry II (2)
			Laboratory
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
	OR		<pre>submitted course(s) for articulation OR</pre>
MATH 21A	Calculus	(4)	MATH 150 Calculus with Analytic (5) Geometry I
MATH 21B	Calculus	(4)	MATH 151 Calculus with Analytic (4) Geometry II
PHYSICS 7A	General Physics	(4)	PHYS 125 & General Physics (5) PHYS 126 General Physics II (5)
PHYSICS 7B	General Physics	(4)	PHYS 125 & General Physics (5)
PHYSICS 7C	General Physics	(4)	PHYS 126General Physics II(5)PHYS 125&General Physics(5)

PHYS 126 General Physics II (5) 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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		R.						
MATH	21C	Calculus	(4)   MATH	252	Calculus	with	Analytic	(4)
					Geometry	III		

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

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

#### Special Advising Note:

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

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

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

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

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

#### Transfer Admission Guarantee (TAG) Note:

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

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### 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.

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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 2018-2019 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

	REQUIRED	FOR	ADMISS	SION:	
MATH 21A	Calculus	(4)	MATH 	150	Calculus with Analytic (5) Geometry I
MATH 21B	Calculus	(4)	MATH	151	Calculus with Analytic (4) Geometry II
MATH 21C	Calculus	(4)	MATH 	252	Calculus with Analytic (4) Geometry III
MATH 21D	Vector Analysis	(4)	MATH 	252	Calculus with Analytic (4) Geometry III
MATH 22A	Linear Algebra	(3)	MATH 	254	Introduction to Linear (3) Algebra
MATH 22B	Differntl Equations	(3)	MATH	255	5
	Classical Physics	( - )		195	
PHYSICS 9B	Classical Physics	(5)	PHYS	196 <u>&amp;</u>	Electricity and (5) Magnetism
			PHYS	197	Waves, Optics and (5)
DUVETCE OC	Classical Dhysics	(5)		196	Modern Physics Electricity and (5)
PHISICS 9C	Classical Physics	(5)	PHIS	190	Magnetism
CHEM 2A	Genl Chemistry	(5)	CHEM	200 <u>s</u>	General Chemistry I - (3) Lecture
			CHEM	200L	
CHEM 2B	Genl Chemistry	(5)	CHEM	200 <u>s</u>	General Chemistry I - (3) Lecture
			CHEM	200L <u>8</u>	General Chemistry I - (2)

## REOUIRED FOR ADMISSION:

		Laboratory CHEM 201 & General Chemistry II (3)
		- Lecture
		CHEM 201L General Chemistry II (2)
		- Laboratory
CHEM 2C Genl Chemistry	(5)	CHEM 201 & General Chemistry II (3)
		- Lecture
		CHEM 201LGeneral Chemistry II (2)Laboratory
CHEM 128A Organic Chemistry	(3)	CHEM 231 Organic Chemistry I - (3)
		Lecture
CHEM 128B Organic Chemistry	(3)	CHEM 231 & Organic Chemistry I - (3)
		Lecture CHEM 233 Organic Chemistry II - (3)
		CHEM 233 Organic Chemistry II - (3) Lecture
CHEM 129A Organic Chem Lab	(2)	CHEM 231L Organic Chemistry I (2)
	(2)	Laboratory
		·
ENGIN 6 Engr Prob Solving	(4)	NO COURSE ARTICULATED
OR		OR
ENG CS 32A Intro to Programming(4)		NO COURSE ARTICULATED: College has not
Formerly ENG CS 10 OR		submitted course(s)for articulation
ENG CS 36A Programming	(4)	CISC 190 JAVA Programming (4)
Formerly ENG CS 30	( - /	OR
-		CISC 192 C/C++ Programming (4)
OR		OR
ENG CHM 60 Engineering Problem Solv	(4)	NO COURSE ARTICULATED

Required for admission. Students must complete one programming course in a higher level language intended for students majoring in engineering, physical sciences, or mathematics.

ENGIN 17	Circuits I <b>OR</b>	(4)   ENGE 260	Electric Circuits <b>OR</b>	(3)
ENGIN 35	Statics OR	(4) ENGE 200	Statics OR	(3)
ENGIN 45	Prop of Mats	(4) ENGE 210 	Properties of Materials	(3)
UWRITING 1	Expository Writing	(4) ENGL 101 	Reading and Composition <b>OR</b>	(3)
ENGLISH 3	Intro to Lit	(4)   ENGL 105	Composition and Literature	(3)

For certain majors, the College of Engineering requires one English course as part of its lower-division preparation. However, the University requires two courses in English  $\underline{composition}$  for transfer admission eligibility. When chosen carefully, this second course could help satisfy general education requirements. Please contact your college counselor or the UC Davis College of Engineering Undergraduate Office at (530)752-1979 if you have any questions.

\_\_\_\_\_ Intro Biology:Life on (5) | BIOL 210A Introduction to the (4) BIOLSCI 2A Biological Sciences I Earth \_\_\_\_\_

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 <u>College of Engineering website</u> if you have any questions.

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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 <u>highly recommended</u> that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

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

#### Transfer Admission Guarantee (TAG) Note:

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

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

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

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

CHEM 2A	Genl Chemistry	(5)   CHEI	4 200 <u>&amp;</u>	General Chemistry I - (3) Lecture
		CHE	4 200L	General Chemistry I - (2)
CHEM 2B	Genl Chemistry	(5)   CHE	4 200 <b>&amp;</b>	Laboratory General Chemistry I - (3)
	Genir enemistery		<u><u></u></u>	Lecture
		CHE	4 200L <u>&amp;</u>	General Chemistry I - (2)
				Laboratory
		CHE	4 201 <u>&amp;</u>	General Chemistry II (3)
				- Lecture
		CHE	4 201L	General Chemistry II (2)

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CHEM 2C Genl Chemistry	<pre>- Laboratory (5) CHEM 201 &amp; General Chemistry II (3 - Lecture CHEM 201L General Chemistry II (2</pre>	
0.5	- Laboratory	
OR CHEM 2AH Honors Genl Chemistry	(E) NO COUDCE ADELCUI AEED: College has not	F
CHEM 2AH Honors Genl Chemistry	(5) NO COURSE ARTICULATED: College has not submitted course(s) for articulation	-
CHEM 2BH Honors Genl Chemistry	(5) NO COURSE ARTICULATED: College has not	F
	submitted course(s) for articulation	-
CHEM 2CH Honors Genl Chemistry	(5) NO COURSE ARTICULATED: College has not	t
-	submitted course(s) for articulation	
		-
PHYSICS 9A Classical Physics	(5) PHYS 195 Mechanics (5	
PHYSICS 9B Classical Physics	(5) PHYS 196 & Electricity and (5	)
	Magnetism PHYS 197 Waves, Optics and (5	١
	Modern Physics	,
PHYSICS 9C Classical Physics		)
	Magnetism	,
PHYSICS 9D Modern Physics	(4) PHYS 197 Waves, Optics and (5	)
	Modern Physics	
		-
MATH 21A Calculus	(4) MATH 150 Calculus with Analytic (5 Geometry I	)
MATH 21B Calculus	(4) MATH 151 Calculus with Analytic (4	)
	Geometry II	
MATH 21C Calculus	(4) MATH 252 Calculus with Analytic (4	)
	Geometry III	
MATH 21D Vector Analysis	(4) MATH 252 Calculus with Analytic (4	)
MATH 22A Linear Algebra	Geometry III (3) MATH 254 Introduction to Linear (3)	`
MATH 22A Linear Algebra	Algebra	)
MATH 22AL Lin Alg Comp Lab	(1) NO COURSE ARTICULATED: College has not	t
	submitted course(s) for articulation	
MATH 22B Differntl Equations	(3) MATH 255 Differential Equations (3	)
		-
CHEM 128A Organic Chemistry	(3) CHEM 231 Organic Chemistry I - (3	)
CHEM 128B Organic Chemistry	Lecture (3) CHEM 231 & Organic Chemistry I - (3	`
CHEM 1200 OFGAILC CHEMISCLY	(3) CHEM 231 <u>a</u> Organic Chemistry 1 - (3) Lecture	/
	CHEM 233 Organic Chemistry II - (3	)
	Lecture	
CHEM 129A Organic Chem Lab	(2) CHEM 231L Organic Chemistry I (2	)
	Laboratory	
		-

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 <u>highly recommended</u> that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. See the U<u>C Transfer Admission website</u> 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

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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.

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

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

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

CHEM 2A	Genl Chemistry	(5)	CHEM 	200	<u>&amp;</u> General Chemistry I - (3) Lecture
			CHEM	200L	
CHEM 2B	Genl Chemistry	(5)	CHEM	200	<u>&amp;</u> General Chemistry I - (3) Lecture
			CHEM	200L	<u>&amp;</u> General Chemistry I - (2) Laboratory
			CHEM	201	-
			CHEM	201L	General Chemistry II (2) - Laboratory
CHEM 2C	Genl Chemistry	(5)	CHEM	201	<u>&amp;</u> General Chemistry II (3) - Lecture
			CHEM	201L	General Chemistry II (2) - Laboratory
	OR		İ		OR
CHEM 2AH	Honors Genl Chemistry	(5)			ARTICULATED: College has not course(s) for articulation
CHEM 2BH	Honors Genl Chemistry	(5)	NO CO	DURSE	ARTICULATED: College has not course(s) for articulation
CHEM 2CH	Honors Genl Chemistry	(5)	NO CO	DURSE	ARTICULATED: College has not course(s) for articulation
PHYSICS 7A	General Physics	(4)	PHYS	125 <u>4</u>	General Physics (5)

				PHYS	126		General	Physics	II	(5)
PHYSICS 7B	General	Physics	(4)	PHYS	125	&	General	Physics		(5)
				PHYS	126		General	Physics	II	(5)
PHYSICS 7C	General	Physics	(4)	PHYS	125	&	General	Physics		(5)
				PHYS	126	_	General	Physics	II	(5)

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

	OR		OR
PHYSICS 9A	Classical Physics	(5) PHYS 195	Mechanics (5)
PHYSICS 9B	Classical Physics	(5) PHYS 196	<u>&amp;</u> Electricity and (5)
			Magnetism
		PHYS 197	Waves, Optics and (5)
		ĺ	Modern Physics
PHYSICS 9C	Classical Physics	(5) PHYS 196	Electricity and (5)
			Magnetism
			· · · · · · · · · · · · · · · · · · ·
MATH 16A	Short Calculus	(3)   MATH 121	-
			Applied Calculus I
MATH 16B	Short Calculus	(3)   MATH 122	-
			Calculus II Desis Weshnimus of (2)
MATH 16C	Short Calculus	(3)   MATH 122	Basic Techniques of (3) Calculus II
	OR		OR
MATH 17A	Calculus for BioSci		E ARTICULATED: College has not
MAIN 17A	carcaras for brober		a course(s) for articulation
MATH 17B	Calculus for Biosci		E ARTICULATED: College has not
			d course(s) for articulation
MATH 17C	Calculus for BioSci		E ARTICULATED: College has not
			a course(s) for articulation
	OR	ĺ	OR
MATH 21A	Calculus	(4) MATH 150	Calculus with Analytic (5)
			Geometry I
MATH 21B	Calculus	(4) MATH 151	Calculus with Analytic (4)
			Geometry II
MATH 21C	Calculus	(4)   MATH 252	
			Geometry III
	Organia Chomiatry	(2) OTTEM 221	Organia Chemiatry I (2)
CHEM 128A	Organic Chemistry	(3)   CHEM 231	Organic Chemistry I - (3) Lecture
СНЕМ 1288	Organic Chemistry	(3) CHEM 231	
CHEM 120D	organic chemistry		Lecture
		CHEM 233	
			Lecture
CHEM 128C	Organic Chemistry	(3) CHEM 233	
			Lecture
CHEM 129A	Organic Chem Lab	(2) CHEM 2311	Organic Chemistry I (2)
	_	İ	Laboratory
CHEM 129B	Organic Chem Lab	(2) CHEM 2311	<b>&amp;</b> Organic Chemistry I (2)
		ĺ	_ Laboratory
		CHEM 2331	Organic Chemistry II (2)
			Laboratory

END OF MAJOR

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

Special Advising Note:

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

highly recommended that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

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

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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 <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> 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 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

CHEM	2A	Genl	Chemi	stry		(5)	CHEM 	200	<u>&amp;</u>	General Lecture	Chemistry	I -	(3)
							CHEM	200L		General Laborato	Chemistry	I -	(2)
CHEM	2в	Genl	Chemi	stry		(5)	CHEM	200	<u>&amp;</u>		Chemistry	I -	(3)
							CHEM	200L	<u>&amp;</u>	General Laborato	Chemistry ory	I -	(2)
							CHEM	201	<u>&amp;</u>	General - Lectur	Chemistry re	II	(3)
							CHEM	201L		General - Labora	Chemistry	II	(2)
CHEM	2C	Genl	Chemi	stry		(5)	CHEM	201	<u>&amp;</u>		Chemistry	II	(3)
							CHEM	201L		General - Labora	Chemistry atory	II	(2)
			OR				l			OR			
CHEM	2AH	Honc	ors Ge	nl Chem:	istry	(5)	!				D: College for articul		
CHEM	2вн	Honc	ors Ge	nl Chem:	istry	(5)	NO CO	DURSE	AR	FICULATEI	D: College for articul	has	not
CHEM	2CH	Honc	ors Ge	nl Chem:	istry	(5)	NO CO	OURSE	AR.	FICULATEI	D: College for articul	has	not

PHYSICS 9A	Classical Physics	(5)	PHYS	195	Mechanics (5)
PHYSICS 9B	Classical Physics	(5)	PHYS	196 <u>&amp;</u>	Electricity and (5)
				_	Magnetism
			PHYS	197	Waves, Optics and (5)
					Modern Physics
PHYSICS 9C	Classical Physics	(5)	PHYS	196	Electricity and (5)
					Magnetism
 MATH 21A	Calculus	(4)	math	150	Calculus with Analytic (5)
	Carcarab	( - )		100	Geometry I
MATH 21B	Calculus	(4)	MATH	151	Calculus with Analytic (4)
			i		Geometry II
MATH 21C	Calculus	(4)	MATH	252	Calculus with Analytic (4)
			Ì		Geometry III
MATH 21D	Vector Analysis	(4)	MATH	252	Calculus with Analytic (4)
					Geometry III
MATH 22A	Linear Algebra	(3)	MATH	254	Introduction to Linear (3)
					Algebra
MATH 22AL	Lin Alg Comp Lab	(1)			RTICULATED: College has not
	Differntl Equations	(2)			course(s) for articulation
MATH 22B		(3)		255	Differential Equations (3)
CHEM 128A	Organic Chemistry	(3)	CHEM	231	Organic Chemistry I - (3)
		(-)			Lecture
CHEM 128B	Organic Chemistry	(3)	CHEM	231 &	Organic Chemistry I - (3)
			i	_	Lecture
			CHEM	233	Organic Chemistry II - (3)
			İ		Lecture
CHEM 128C	Organic Chemistry	(3)	CHEM	233	Organic Chemistry II - (3)
					Lecture
CHEM 129A	Organic Chem Lab	(2)	CHEM	231L	Organic Chemistry I (2)
			ļ		Laboratory
CHEM 129B	Organic Chem Lab	(2)	CHEM	231L <u></u>	Organic Chemistry I (2)
			1		
			0.0000	000-	Laboratory
			CHEM	233L	Organic Chemistry II (2)
CUEM 120C	Oursenie Chem Lek	( ) )	İ		Organic Chemistry II (2) Laboratory
CHEM 129C	Organic Chem Lab	(2)	İ	233L 233L	Organic Chemistry II (2) Laboratory Organic Chemistry II (2)
CHEM 129C	Organic Chem Lab	(2)	İ		Organic Chemistry II (2) Laboratory

#### **RECOMMENDED COURSES:**

PHYSICS 9D	Modern Physics	(4) PHYS 197	Waves, Optics and	(5)
			Modern Physics	

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 <u>highly recommended</u> that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. See the U<u>C Transfer Admission website</u> 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

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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:

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

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CHEM 2A	Genl Chemistry	(5)	CHEM 200 <u>&amp;</u> General Chemistry I - (3) Lecture
			CHEM 200L General Chemistry I - (2)
			Laboratory
CHEM 2B	Genl Chemistry	(5)	CHEM 200 & General Chemistry I - (3)
			Lecture
			CHEM 200L & General Chemistry I - (2)
			Laboratory
			CHEM 201 <u>&amp;</u> General Chemistry II (3)
			- Lecture
			CHEM 201L General Chemistry II (2) - Laboratory
CHEM 2C	Genl Chemistry	(5)	CHEM 201 & General Chemistry II (3)
	Certi Cremibery	())	- Lecture
			CHEM 201L General Chemistry II (2)
			- Laboratory
	OR		OR
CHEM 2AH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not
_			submitted course(s) for articulation
CHEM 2BH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not
CHEM 2CH	Heneve Conl Chemistry	( E )	submitted course(s) for articulation NO COURSE ARTICULATED: College has not
CHEM ZCH	Honors Genl Chemistry	(5)	submitted course(s) for articulation
PHYSICS 7A	General Physics	(4)	PHYS 125 & General Physics (5)
	-		PHYS 126 General Physics II (5)
PHYSICS 7B	General Physics	(4)	PHYS 125 & General Physics (5)
			PHYS 126 General Physics II (5)
PHYSICS 7C	General Physics	(4)	PHYS 125 $\underline{\&}$ General Physics (5)
			PHYS 126 General Physics II (5)

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

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

physics.	OR		OR
PHYSICS 9A	Classical Physics	(5)	PHYS 195 Mechanics (5)
PHYSICS 9B	Classical Physics	(5)	
			Magnetism
			PHYS 197 Waves, Optics and (5) Modern Physics
PHYSICS 9C	Classical Physics	(5)	PHYS 196 Electricity and (5)
	-	. ,	Magnetism
MATH 16A	Short Calculus	(3)	MATH 121Basic Techniques of(3)Applied Calculus I
MATH 16B	Short Calculus	(3)	MATH 122 Basic Techniques of (3)
		. ,	Calculus II
MATH 16C	Short Calculus	(3)	MATH 122 Basic Techniques of (3)
	OR		Calculus II OR
MATH 17A		(4)	NO COURSE ARTICULATED: College has not
		( - )	submitted course(s) for articulation
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not
MARIE 170	Gelender fen DieGei	( 1 )	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	(4)	MATH 150 Calculus with Analytic (5)
		<i></i>	Geometry I
MATH 21B	Calculus	(4)	MATH 151Calculus with Analytic (4)Geometry II
MATH 21C	Calculus	(4)	MATH 252 Calculus with Analytic (4)
		( - )	Geometry III
	Intro Biology:Life on Earth	(5)	BIOL 210A Introduction to the (4)
	Ear (11		Biological Sciences I
STATIST 13	Elementary Statistics	(4)	BIOL 200 Biological Statistics (3)
Same as:	STATIST 13Y		OR
			MATH 119 Elementary Statistics (3)
			PSYC 258 Behavioral Science (3)
			Statistics
	OR		OR
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 231 & Organic Chemistry I - (3)
	2 .	. ,	Lecture
			CHEM 231L Organic Chemistry I (2)
CHEM 118B	Ora Chom Ulth & Cai	(1)	Laboratory CHEM 231 & Organic Chemistry I - (3)
CHEM 110B	Org Chem, Hlth & Sci	(4)	Lecture
			CHEM 231L & Organic Chemistry I (2)
			Laboratory
			CHEM 233 <u>&amp;</u> Organic Chemistry II (3)
			- Lecture  CHEM 233L Organic Chemistry II (2)
			Laboratory
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 233 <u>&amp;</u> Organic Chemistry II (3)
			- Lecture
			CHEM 233L Organic Chemistry II (2) Laboratory
	OR		OR
CHEM 128A	Organic Chemistry	(3)	CHEM 231 Organic Chemistry I - (3)

					Lecture
CHEM 128B	Organic Chemistry	(3)	CHEM	231 <u>&amp;</u>	Organic Chemistry I - (3)
					Lecture
			CHEM	233	Organic Chemistry II - (3)
					Lecture
CHEM 128C	Organic Chemistry	(3)	CHEM	233	Organic Chemistry II - (3)
					Lecture
CHEM 129A	Organic Chem Lab	(2)	CHEM	231L	Organic Chemistry I (2)
					Laboratory
CHEM 129B	Organic Chem Lab	(2)	CHEM	231L <u>&amp;</u>	Organic Chemistry I (2)
					Laboratory
			CHEM	233L	Organic Chemistry II (2)
					Laboratory

END OF MAJOR

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

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CHEM 2A Genl Chemistry

			QUEN 2001 Concred Chemister I (2	$\sim$
			CHEM 200L General Chemistry I - (2 Laboratory	2)
CHEM 2B	Genl Chemistry	(5)	CHEM 200 <u>&amp;</u> General Chemistry I - (3 Lecture	3)
			CHEM 200L <u>&amp;</u> General Chemistry I - (2 Laboratory	2)
			-	3)
				2)
CHEM 2C	Genl Chemistry	(5)	CHEM 201 & General Chemistry II (3 - Lecture	3)
				2)
	OR		OR	
CHEM 2AH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has no submitted course(s) for articulation	
CHEM 2BH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has no submitted course(s) for articulation	
CHEM 2CH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has no	ot
	-		submitted course(s) for articulation	
PHYSICS 7A	General Physics	(4)	PHYS 125 & General Physics (5	5)
	Concurs 1 Dhusing	( 1 )		5)
PHYSICS 7B	General Physics	(4)	PHYS 125 &General Physics(5)PHYS 126General Physics II(5)	
PHYSICS 7C	General Physics	(4)	PHYS 125 & General Physics (5	5)
			-	5)
			mplete an entire physics series at	10
			t to the entire UC Davis Physics 7A/B/ transfer without completing an entire	/ C
	be required to take additi			
			physics courses upon arrival at UC	
			physics courses upon arrival at UC vis advisor before continuing with	
Davis, and physics.	will need to meet with a U		vis advisor before continuing with	
		JC Dav	vis advisor before continuing with	5)
physics.	will need to meet with a UOR	JC Dav (5)	vis advisor before continuing with OR PHYS 195 Mechanics (5 PHYS 196 <u>&amp;</u> Electricity and (5)	5)
physics. PHYSICS 9A	will need to meet with a U OR Classical Physics	JC Dav (5)	vis advisor before continuing with OR PHYS 195 Mechanics (5 PHYS 196 <u>&amp;</u> Electricity and (5 Magnetism	5)
physics. PHYSICS 9A PHYSICS 9B	will need to meet with a U OR Classical Physics Classical Physics	JC Dav (5) (5)	vis advisor before continuing with OR PHYS 195 Mechanics (5) PHYS 196 & Electricity and (5) Magnetism PHYS 197 Waves, Optics and (5) Modern Physics	
physics. PHYSICS 9A PHYSICS 9B	will need to meet with a U OR Classical Physics	JC Dav (5) (5)	vis advisor before continuing with OR PHYS 195 Mechanics (5) PHYS 196 & Electricity and (5) Magnetism PHYS 197 Waves, Optics and (5) Modern Physics PHYS 196 Electricity and (5)	5)
physics. PHYSICS 9A PHYSICS 9B PHYSICS 9C	will need to meet with a U OR Classical Physics Classical Physics	JC Dav (5) (5) (5)	vis advisor before continuing with OR PHYS 195 Mechanics (5) PHYS 196 & Electricity and (5) Magnetism PHYS 197 Waves, Optics and (5) Modern Physics	5) 5) 5)
physics. PHYSICS 9A PHYSICS 9B PHYSICS 9C	will need to meet with a U OR Classical Physics Classical Physics Classical Physics	JC Da <sup>•</sup> (5) (5) (5)	OR         PHYS 195       Mechanics       (5)         PHYS 196       Electricity and       (5)         Magnetism       Magnetism       (5)         PHYS 197       Waves, Optics and       (5)         Modern Physics       (5)         PHYS 196       Electricity and       (5)         Magnetism       (5)         MATH 121       Basic Techniques of       (5)	5) 5) 5)
physics. PHYSICS 9A PHYSICS 9B PHYSICS 9C	will need to meet with a U OR Classical Physics Classical Physics Classical Physics	JC Da <sup>•</sup> (5) (5) (5) (3)	vis advisor before continuing with OR PHYS 195 Mechanics (5) PHYS 196 & Electricity and (5) Magnetism PHYS 197 Waves, Optics and (5) Modern Physics PHYS 196 Electricity and (5) Magnetism MATH 121 Basic Techniques of (3) Applied Calculus I	5) 5) 5)
physics. PHYSICS 9A PHYSICS 9B PHYSICS 9C MATH 16A MATH 16B	will need to meet with a U OR Classical Physics Classical Physics Classical Physics Short Calculus Short Calculus	JC Dav (5) (5) (5) (3) (3)	vis advisor before continuing with OR PHYS 195 Mechanics (5) PHYS 196 & Electricity and (5) Magnetism PHYS 197 Waves, Optics and (5) Modern Physics PHYS 196 Electricity and (5) Magnetism MATH 121 Basic Techniques of (3) Applied Calculus I MATH 122 Basic Techniques of (3) Calculus II	5) 5) 5)  3) 3)
physics. PHYSICS 9A PHYSICS 9B PHYSICS 9C  MATH 16A	will need to meet with a U OR Classical Physics Classical Physics Classical Physics Short Calculus	JC Dav (5) (5) (5) (3) (3)	OR         PHYS 195       Mechanics       (5)         PHYS 196       Electricity and       (5)         PHYS 197       Waves, Optics and       (5)         PHYS 197       Waves, Optics and       (5)         PHYS 197       Waves, Optics and       (5)         PHYS 196       Electricity and       (5)         PHYS 196       Electricity and       (5)         PHYS 196       Electricity and       (5)         MATH 121       Basic Techniques of       (3)         MATH 122       Basic Techniques of       (3)         MATH 122       Basic Techniques of       (3)         MATH 122       Basic Techniques of       (3)         MATH 122       Basic Techniques of       (3)         MATH 122       Basic Techniques of       (3)         MATH 122       Basic Techniques of       (3)         MATH 122       Basic Techniques of       (3)         MATH 122       Basic Techniques of       (3)	5) 5) 5)  3)
physics. PHYSICS 9A PHYSICS 9B PHYSICS 9C MATH 16A MATH 16B	will need to meet with a U OR Classical Physics Classical Physics Classical Physics Short Calculus Short Calculus	JC Dav (5) (5) (5) (3) (3)	vis advisor before continuing with OR PHYS 195 Mechanics (5) PHYS 196 & Electricity and (5) Magnetism PHYS 197 Waves, Optics and (5) Modern Physics PHYS 196 Electricity and (5) Magnetism MATH 121 Basic Techniques of (3) Applied Calculus I MATH 122 Basic Techniques of (3) Calculus II	5) 5) 5)  3) 3)
physics. PHYSICS 9A PHYSICS 9B PHYSICS 9C MATH 16A MATH 16B	will need to meet with a U OR Classical Physics Classical Physics Classical Physics Short Calculus Short Calculus Short Calculus	JC Dav (5) (5) (5) (3) (3) (3)	vis advisor before continuing with OR PHYS 195 Mechanics (5) PHYS 196 & Electricity and (5) Magnetism PHYS 197 Waves, Optics and (5) Modern Physics PHYS 196 Electricity and (5) Magnetism MATH 121 Basic Techniques of (3) Applied Calculus I MATH 122 Basic Techniques of (3) Calculus II MATH 122 Basic Techniques of (3) Calculus II MATH 122 Basic Techniques of (3) Calculus II MATH 122 Basic Techniques of (3) NATH 122 Basic Techniques of (3) Calculus II MATH 122 Basic Techniques of (3) Calculus II	5) 5) 5)  3) 3) 3) 3)
physics. PHYSICS 9A PHYSICS 9B PHYSICS 9C MATH 16A MATH 16B MATH 16C	will need to meet with a U OR Classical Physics Classical Physics Classical Physics Short Calculus Short Calculus Short Calculus Mort Calculus	JC Dav (5) (5) (5) (3) (3) (3) (3) (4)	OR         PHYS 195       Mechanics       (5)         PHYS 196       Electricity and       (5)         Magnetism       Magnetism       (5)         PHYS 197       Waves, Optics and       (5)         PHYS 197       Waves, Optics and       (5)         PHYS 197       Waves, Optics and       (5)         PHYS 196       Electricity and       (5)         PHYS 196       Electricity and       (5)         MATH 121       Basic Techniques of       (3)         MATH 122       Basic Techniques of       (3)         MATH 122       Basic Techniques of       (3)         MATH 122       Basic Techniques of       (3)         MATH 122       Basic Techniques of       (3)         Calculus II       OR       OR	5) 5) 5)  3) 3) 3) 3)
physics. PHYSICS 9A PHYSICS 9B PHYSICS 9C MATH 16A MATH 16B MATH 16C MATH 17A MATH 17A	will need to meet with a U OR Classical Physics Classical Physics Classical Physics Classical Physics Short Calculus Short Calculus Short Calculus Short Calculus Calculus for BioSci Calculus for Biosci	JC Day (5) (5) (5) (3) (3) (3) (4) (4)	OR         PHYS 195       Mechanics       (5)         PHYS 196       Electricity and       (5)         Magnetism       Magnetism       (5)         PHYS 197       Waves, Optics and       (5)         Modern Physics       Modern Physics       (5)         PHYS 196       Electricity and       (5)         MATH 121       Basic Techniques of       (3)         MATH 121       Basic Techniques of       (3)         MATH 122       Basic Techniques of       (3)         MATH 122       Basic Techniques of       (3)         MATH 122       Basic Techniques of       (3)         MATH 122       Basic Techniques of       (3)         MATH 122       Basic Techniques of       (3)         MATH 122       Basic Techniques of       (3)         MATH 122       Basic Techniques of       (3)         NO COURSE ARTICULATED: College has no       Submitted course(s) for articulation         NO COURSE ARTICULATED: College has no       Submitted course(s) for articulation	5) 5) 5)  3) 3) 3) 3) 51
physics. PHYSICS 9A PHYSICS 9B PHYSICS 9C MATH 16A MATH 16B MATH 16C MATH 17A	will need to meet with a U OR Classical Physics Classical Physics Classical Physics Short Calculus Short Calculus Short Calculus Short Calculus Calculus for BioSci	JC Day (5) (5) (5) (3) (3) (3) (4) (4)	OR         PHYS 195       Mechanics       (5)         PHYS 196       Electricity and       (5)         Magnetism       Magnetism       (5)         PHYS 197       Waves, Optics and       (5)         Modern Physics       Modern Physics       (5)         PHYS 196       Electricity and       (5)         MATH 121       Basic Techniques of       (3)         MATH 121       Basic Techniques of       (3)         MATH 122       Basic Techniques of       (3)         MATH 122       Basic Techniques of       (3)         MATH 122       Basic Techniques of       (3)         MATH 122       Basic Techniques of       (3)         MATH 122       Basic Techniques of       (3)         NO COURSE ARTICULATED: College has not       Submitted course(s) for articulation         NO COURSE ARTICULATED: College has not       Submitted course(s) for articulation	5) 5) 5)  3) 3) 3) 3) 51
physics. PHYSICS 9A PHYSICS 9B PHYSICS 9C MATH 16A MATH 16B MATH 16B MATH 16C MATH 17A MATH 17B MATH 17C	will need to meet with a U OR Classical Physics Classical Physics Classical Physics Classical Physics Classical Physics Short Calculus Short Calculus Short Calculus Short Calculus Short Calculus Calculus for BioSci Calculus for BioSci Calculus for BioSci Calculus for BioSci	JC Dav (5) (5) (5) (3) (3) (3) (4) (4) (4) (4)	vis advisor before continuing with OR PHYS 195 Mechanics (5) PHYS 196 & Electricity and (5) Magnetism PHYS 197 Waves, Optics and (5) Modern Physics PHYS 196 Electricity and (5) Magnetism MATH 121 Basic Techniques of (3) Applied Calculus I MATH 122 Basic Techniques of (3) Calculus II MATH 122 Basic Techniques of (3) Calculus II MATH 122 Basic Techniques of (3) Calculus II MATH 122 Basic Techniques of (3) Calculus II MATH 122 Basic Techniques of (3) Calculus II MATH 122 Basic Techniques of (3) Calculus II NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation	5) 5) 5)  3) 3) 3) 3) 3) 5t
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physics. PHYSICS 9A PHYSICS 9C PHYSICS 9C MATH 16A MATH 16B MATH 16C MATH 17A MATH 17A MATH 17A MATH 17C MATH 21A	will need to meet with a U OR Classical Physics Classical Physics Classical Physics Classical Physics Short Calculus Short Calculus Short Calculus Short Calculus Short Calculus Calculus for BioSci Calculus for BioSci Calculus for BioSci Calculus for BioSci	JC Dav (5) (5) (5) (3) (3) (3) (4) (4) (4) (4) (4) (4)	vis advisor before continuing with OR PHYS 195 Mechanics (5) PHYS 196 <u>&amp;</u> Electricity and (5) Magnetism PHYS 197 Waves, Optics and (5) Modern Physics PHYS 196 Electricity and (5) Magnetism MATH 121 Basic Techniques of (3) Applied Calculus I MATH 122 Basic Techniques of (3) Calculus II MATH 122 Basic Techniques of (3) Calculus II MATH 122 Basic Techniques of (3) Calculus II MATH 122 Basic Techniques of (3) Calculus II MATH 122 Basic Techniques of (3) Calculus II NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not Submitted course(s) for articulation NO COURSE ARTICULATED: College has not Submitted course(s) for articulation NO COURSE ARTICULATED: College has not Submitted course(s) for articulation NO COURSE ARTICULATED: College has not Submitted course(s) for articulation NO COURSE ARTICULATED: College has not Submitted course(s) for articulation NO COURSE ARTICULATED: College has not Submitted course(s) for articulation NO COURSE ARTICULATED: College has not Submitted course(s) for articulation NO COURSE ARTICULATED: College has not Submitted course(s) for articulation NO COURSE ARTICULATED: College has not Submitted course(s) for articulation	5) 5) 5)  3) 3) 3) 3) 3) 3) 5) 5)

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 210A Introduction to the (4) Biological Sciences I
ENV TOX 20	Introduction to Forensic Science		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
		(4)	BIOL 200 Biological Statistics (3)
ballie ab.	STATIST 151		MATH 119 Elementary Statistics (3)
	OR		PSYC 258 Behavioral Science (3) Statistics OR
STATIST 32	Gateway to Data Science	(4)	I
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 231 <u>&amp;</u> Organic Chemistry I - (3) Lecture
			CHEM 231L Organic Chemistry I (2) Laboratory
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 231 <u>&amp;</u> Organic Chemistry I - (3) Lecture
			CHEM 231L <u>&amp;</u> Organic Chemistry I (2) Laboratory
			CHEM 233 <u>&amp;</u> Organic Chemistry II (3) - Lecture
			CHEM 233L Organic Chemistry II (2) Laboratory
CHEM 118C	Org Chem, Hlth & Sci	(4)	- Lecture
			CHEM 233L Organic Chemistry II (2) Laboratory
	OR		OR
CHEM 128A	Organic Chemistry		CHEM 231 Organic Chemistry I - (3) Lecture
CHEM 128B	Organic Chemistry	(3)	CHEM 231 & Organic Chemistry I - (3) Lecture
			CHEM 233 Organic Chemistry II - (3) Lecture
CHEM 128C	Organic Chemistry	(3)	CHEM 233 Organic Chemistry II - (3) Lecture
CHEM 129A	Organic Chem Lab		CHEM 231L Organic Chemistry I (2) Laboratory
CHEM 129B	Organic Chem Lab	(2)	CHEM 231L <u>&amp;</u> Organic Chemistry I (2) Laboratory
			CHEM 233L Organic Chemistry II (2) Laboratory

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.

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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.

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

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

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

CHICANO 2	10	Intro to Chic Std	(4)	CHIC 110A	Introduction to Chicano Studies	(3)
				<u>OR</u>  CHIC 110B	Introduction to	(3)
					Chicano Studies	(3)
CHICANO S	50	Chicano Culture	(4)	CHIC 135	Chicana/o Literature	(3)
CHICANO 2	21	Hlth Care Issues	(4)	 NO COMPAR.	ABLE COURSE	
		OR			OR	
CHICANO 4	40	Comparative Health	(4)	1	ARTICULATED: College has course(s) for articulatic	

#### ONE COURSE FROM THE FOLLOWING:

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CHICANO 60	Chicana and Chicano Representn in Cinema	(4) CHIC 190 Chicano Im	ages in Film (3)
CHICANO 65	New Latin American Cinema	<pre>4) NO COURSE ARTICULATED: submitted course(s) fo</pre>	~
CHICANO 70	Survey Chic Art	(4) CHIC 230 Chicano Ar	t (3)
CHICANO 73	Art Expr Silk Scr	4) NO COMPARABLE COURSE	
SPANISH 1	Elementary Spanish	5) SPAN 101 First Cour   Spanish	se in (5)
SPANISH 2	Elementary Spanish	5) SPAN 101 <u>&amp;</u> First Cour Spanish	se in (5)

			SPAN 102	Second Course in	(5)
				Spanish	
SPANISH 3	Elementary Spanish	(5)	SPAN 102	Second Course in	(5)
				Spanish	
	OR			OR	
SPANISH 28	Inter Conversation	(2)	NO COURSE A	RTICULATED: College has	s not
			submitted c	ourse(s) for articulat:	ion
SPANISH 31	Int Span Nat Spk I	(5)	NO COMPARAB	LE COURSE	
SPANISH 32	Int Span Nat Spk II	(5)	SPAN 215	Spanish for Spanish	(5)
				Speakers I	

#### 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.

## Transfer Admission Guarantee (TAG) Note:

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

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

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

#### College Foreign Language Requirement Note:

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

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

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

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

CHICANO 10	Intro to Chic Std	(4) CHIC 110A Introduction to (3) Chicano Studies	3)
		CHIC 110B Introduction to (3 Chicano Studies	3)
CHICANO 50	Chicano Culture	(4) CHIC 135 Chicana/o Literature (3	3)
CHICANO 21		(4) NO COMPARABLE COURSE	
CHICANO 40	Comparative Health	(4) NO COURSE ARTICULATED: College has no submitted course(s) for articulation	
	ONE COURSE F	ROM THE FOLLOWING:	
CHICANO 60	Chicana and Chicano Representn in Cinema	(4) CHIC 190 Chicano Images in Film (3	3)
CHICANO 65	New Latin American Cinema	(4) NO COURSE ARTICULATED: College has no submitted course(s) for articulation	
	Survey Chic Art	(4) CHIC 230 Chicano Art (3	3)
CHICANO 73	Art Expr Silk Scr	(4) NO COMPARABLE COURSE	
	ONE COURSE F	ROM THE FOLLOWING:	
CHICANO 23	Qualitative Research Methods	(4) NO COURSE ARTICULATED: College has no submitted course(s) for articulation	
PSYCH 41	Research Methods	(4) PSYC 255 Introduction to (3) Psychological Research	3)
SOCIOL 46A	Intro Social Rsch	(4) NO COMPARABLE COURSE	
		(5) SPAN 101 First Course in (!   Spanish	
SPANISH 2	Elementary Spanish	(5) SPAN 101 <u>&amp;</u> First Course in (! Spanish	5)
		SPAN 102 Second Course in (!	5)
SPANISH 3	Elementary Spanish	Spanish (5) SPAN 102 Second Course in (!	5)
		Spanish	- /
	OR	OR	
SPANISH 28		submitted course(s) for articulation	
SPANISH 31	I I		
SPANISH 32	Int Span Nat Spk II	(5) SPAN 215 Spanish for Spanish (! Speakers I	5)
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END OF MAJOR

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

### Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <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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### 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 <u>Chinese placement exams</u> and also information regarding <u>foreign language placement exams</u>. For more information, check with your UC Davis College Dean's Office or department advisor upon enrollment.

#### Transfer Admission Guarantee (TAG) Note:

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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 <a href="http://llc.ucdavis.edu/foreign-language-placement-exams">http://llc.ucdavis.edu/foreign-language-placement-exams</a> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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

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

x) CHINESE 1	Elem Chinese	(5)	CHIN 101 First Course in (5)
		. ,	Mandarin Chinese
x) CHINESE 2	Elem Chinese	(5)	CHIN 102 Second Course in (5)
			Mandarin Chinese
x) CHINESE 3	Elem Chinese	(5)	CHIN 201 Third Course Mandarin (5)
			Chinese
x) CHINESE 4	Inter Chinese	(5)	NO COMPARABLE COURSE
x) CHINESE 5	Inter Chinese	(5)	NO COMPARABLE COURSE
x) CHINESE 6	Inter Chinese	(5)	NO COMPARABLE COURSE
	OR		OR
x) CHINESE 1BI	Accl Wrtn Chinese I	(5)	NO COMPARABLE COURSE
x) CHINESE 2BI	Accl Wrtn Chinese	(5)	NO COMPARABLE COURSE
	II		
x) CHINESE 3BI	Accl Wrtn Chinese	(5)	NO COMPARABLE COURSE
	III		
	OR		OR
x) CHINESE 1CN	Mand/Cant Spkrs I	(5)	NO COMPARABLE COURSE
x) CHINESE 2CN	Mand/Cant Spkrs II	(5)	NO COMPARABLE COURSE
x) CHINESE 3CN	Mand/Cant Spkrs III	(5)	NO COMPARABLE COURSE

#### RECOMMENDED COURSES FOR THIS MAJOR:

CHINESE 10	Modern Lit (in Engl)	(4) NO COMPARABLE COURSE
CHINESE 11	Gt Bks China (Engl)	(4) NO COMPARABLE COURSE
CHINESE 50	Intro to Literature	(4) NO 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) ENGL 202 Introduction to (3)
		Linguistics
HISTORY 9A	East Asian Civ	(4) NO COMPARABLE COURSE

END OF MAJOR

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

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

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# Transfer Admission Guarantee (TAG) Note:

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

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

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

## 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 <a href="http://llc.ucdavis.edu/foreign-language-placement-exams">http://llc.ucdavis.edu/foreign-language-placement-exams</a> 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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AP and IB examination credit policies are detailed in the UC Davis 2018-19  $\frac{\text{General Catalog}}{\text{AP}}$ . Quick reference charts for  $\frac{\text{AP}}{\text{AP}}$  and  $\frac{\text{IB}}{\text{IB}}$  are also available from our TAG website.

	Media Computation ENG CS 12	(4) NO COURSE ARTICULATED: College has not submitted course(s)for articulation	
CINE&TS 20	Filmmaking Foundations	(5) NO COURSE ARTICULATED: College has not  submitted course(s)for articulation	

#### Select two of the following courses:

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

END OF MAJOR

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

# Special Advising Note:

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

## IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

## Special Advising Note:

All majors in the College of Engineering are selective and require preparatory

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

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

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

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

## Transfer Admission Guarantee (TAG) Note:

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

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## General Education (GE) Note:

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

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

**AP and** IB examination credit policies are detailed in the UC Davis 2018-2019 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> 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 <u>College of Engineering website</u> if you have any questions.

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## END OF MAJOR

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

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

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

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

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

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

LATIN 1	Elementary Latin	(5) NO COURSE ARTICULATED: College has not
		submitted course(s) for articulation
LATIN 2	Elementary Latin	(5) NO COURSE ARTICULATED: College has not
		submitted course(s) for articulation
LATIN 3	Intermediate Latin	(5) NO COURSE ARTICULATED: College has not

	OR		submitted course(s) for articulation
GREEK 1	Elem Greek	(5)	NO COURSE ARTICULATED: College has not
GREEK 2	Elem Greek	(5)	<pre>submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation</pre>
GREEK 3	Intermediate Greek	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	TWO COURSES	FROM '	THE FOLLOWING:
CLASSIC 1	N East/Early Gr	-	NO COURSE ARTICULATED: College has not
CLASSIC 1 CLASSIC 2		-	
	N East/Early Gr	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not

# ONE ADDITIONAL COURSE SELECTED FROM:

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ARTHI 1A	Ancient Mediterranean Art	(4)	ARTF 110		(3)
CLASSIC 1	N East/Early Gr	(1)	NO COUDCE	Prehistoric to Gothic ARTICULATED: College has	not
CHASSIC I	N East/Early GI	( = )	1	course(s) for articulation	
CLASSIC 2	Anc Gr & Near East	(4)	1	ARTICULATED: College has	
CHASSIC Z	And GI & Near Bast	(1)		course(s) for articulation	
CLASSIC 3	Rome & The Mediter	(4)	1	ARTICULATED: College has	
CHADDIC J	Rome & me medicei	(1)		course(s) for articulation	
CLASSIC 4	Late Antiquity	(4)	1	ARTICULATED: College has	
CHADDIC	Late Antiquity	(1)		course(s) for articulation	
CLASSIC 10	Gr,Roman,N East Myth	(3)		ARTICULATED: College has	
CHADDIC IV	GI, Roman, N Hase Myen	())		course(s) for articulation	
CLASSIC 15	Women & Gender in	(4)	1	ARTICULATED: College has	
	Classical Antiquity	( 1 )		course(s) for articulation	
CLASSIC 20	Pompeii AD 79	(4)	1	ARTICULATED: College has	
		( = )		course(s) for articulation	
CLASSIC 25	Classical America	(4)	1	ARTICULATED: College has	
		( = )	1	course(s) for articulation	
CLASSIC 30	Word Roots	(3)		ARTICULATED: College has	
			submitted	course(s) for articulation	n
CLASSIC 31	Technical Word Roots	(3)	1	ARTICULATED: College has	
			submitted	course(s) for articulation	n
CLASSIC 40	Economy in Ancient Med	(4)	NO COURSE	ARTICULATED: College has	not
			submitted	course(s) for articulation	n
CLASSIC 50	Ancient Science	(4)	NO COURSE	ARTICULATED: College has	not
Same as:	SCI&TEC 50		submitted	course(s) for articulation	on
COMPLIT 1	Major Books-Ancient	(4)	ENGL 220	Masterpieces of World	(3)
	World			Literature I: 1500 BCE	
				- 1600 CE	
PHILOS 21	Phil Classics: Ancient	(4)	PHIL 104A	History of Western	(3)
				Philosophy	
REL STD 21	The Bible	(4)	HUMA 104		(3)
				Old Testament	
REL STD 40	New Testament	(4)	HUMA 103	Introduction to the	(3)
				New Testament	

END OF MAJOR

====Classical Civilization (Classical Languages & Literature) A.B.==== Special Advising Note: Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

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

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## Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

LATIN 1	Elementary Latin	(5)		ARTICULATED: College has not
			submitted	course(s) for articulation
LATIN 2	Elementary Latin	(5)		ARTICULATED: College has not
			submitted	course(s) for articulation
LATIN 3	Intermediate Latin	(5)	NO COURSE	ARTICULATED: College has not
			submitted	course(s) for articulation
			i	
	AND			AND
GREEK 1	AND Elem Greek	(5)	  NO COURSE	<b>AND</b> ARTICULATED: College has not
GREEK 1		(5)		
GREEK 1 GREEK 2			submitted	ARTICULATED: College has not
	Elem Greek		submitted	ARTICULATED: College has not course(s) for articulation
	Elem Greek	(5)	submitted NO COURSE submitted	ARTICULATED: College has not course(s) for articulation ARTICULATED: College has not
GREEK 2	Elem Greek Elem Greek	(5)	submitted NO COURSE submitted NO COURSE	ARTICULATED: College has not course(s) for articulation ARTICULATED: College has not course(s) for articulation

CLASSIC 1	N East/Early Gr		ARTICULATED: College has not course(s) for articulation
	OR		OR
CLASSIC 2	Anc Gr & Near East	(4) NO COURSE A	ARTICULATED: College has not
		submitted o	course(s) for articulation
	OR		OR
CLASSIC 3	Rome & The Mediter	(4) NO COURSE A	ARTICULATED: College has not
		submitted o	course(s) for articulation
CLASSIC 4	Late Antiquity		course(s) for articulation ARTICULATED: College has not
CLASSIC 4	Late Antiquity	(4) NO COURSE A	

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 <u>highly recommended</u> 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 <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> for details regarding UC Davis TAG.

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

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

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

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

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

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

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

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

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

				105	
ENGLISH 3	Intro to Lit OR	(4)	ENGL   	105	Composition and (3) Literature OR
UWRITING 1	Expository Writing	(4)	  ENGL	101	•
					Composition
COMUNCN 1	Intro Public Spkg	(4)	COMS	103	Oral Communication (3)
BIOLSCI 2A		(5)	BIOL	210A	
BIOLSCI 2B	Earth Intro Biology: Ecology	(5)	BIOL	210A	Biological Sciences I <u>&amp;</u> Introduction to the (4)
	& Evolution		   BTOL	210B	Biological Sciences I Introduction to the (4)
				2100	Biological Sciences
			 		II
CHEM 2A	Genl Chemistry	(5)	CHEM	200	<u>▲</u> General Chemistry I - (3)
			  CHEM	200L	Lecture General Chemistry I - (2)
					Laboratory
CHEM 2B	Genl Chemistry	(5)	CHEM	200	General Chemistry I - (3) Lecture
			CHEM	200L	<u>&amp;</u> General Chemistry I - (2)
			  CHEM	201	Laboratory & General Chemistry II (3)
			ļ		- Lecture
			CHEM 	201L	General Chemistry II (2) - Laboratory
CHEM 2C	Genl Chemistry	(5)	CHEM	201	<u>&amp;</u> General Chemistry II (3)
				001-	- Lecture
			Снем 	201L	General Chemistry II (2) - Laboratory

CHEM 8A	Organic Chem-Brief	(2)	CHEM 	130	<u>x</u> Introdu Organic	action to and	(3)
			  CHEM   	130L	Introdu Organic	cal Chemistry	(1)
CHEM 8B	Organic Chem-Brief	(4)	CHEM	130	<u>i</u> Introdu Organic	iction to	(3)
			  CHEM   	130L	Introdu Organic	ction to and cal Chemistry	(1)
ECON 1A	Princ of Microecon	(4)	ECON 	121	Principl Microecc <b>OF</b>	onomics	(3)
ECON 1B	Princ of Macroecon	(4)	  ECON 	120		es of	(3)
 РЅҮСН 1	General Psychology	(4)	PSYC	101	General	Psychology	(3)
SOCIOL 1	Intro Sociology	(5)	SOCO 	101	Principl Sociolog	лУ	(3)
SOCIOL 3	OR Social Problems	(4)	soco	110	Problems	orary Social	(3)
ANTHRO 2	<b>OR</b> Cultural Anthropology	(5)	   ANTH 	103	<b>OF</b> Introduc Cultural	-	(3)
	Elementary Statistics : STATIST 13Y	(4)	  BIOL   01		Biologic	al Statistics	(3)
Salle as	· SIAIISI ISI		01   MATH   01	119	Elementa	ary Statistics	(3)
			PSYC 	-	Behavior Statisti	al Science .cs	(3)

END OF MAJOR

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

# Special Advising Note:

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

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

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# Transfer Admission Guarantee (TAG) Note:

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

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

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

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

LINGUIS 1 Intro Linguistics	(4) ENGL 202 Introduction to (3) Linguistics
COG SCI 1 Intro Cognitive Science OR	(4)   NO COURSE ARTICULATED   OR
<pre>PHILOS 10 Intro Cognitive Science PHILOS 12 Intro to Symbol Logic PHILOS 13G Minds, Brains Comp w/Disc</pre>	<ul> <li>(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation</li> <li>(4) PHIL 101 Symbolic Logic (3)</li> <li>(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation</li> </ul>
PSYCH 1 General Psychology PSYCH 41 Research Methods	<pre>(4)   PSYC 101 General Psychology (3) (4)   PSYC 255 Introduction to (3)   Psychological Research</pre>
STATIST 13 Elementary Statistics Same as: STATIST 13Y	(4) BIOL 200 Biological Statistics (3) OR
	MATH 119 Elementary Statistics (3)
	PSYC 258 Behavioral Science (3) Statistics

END OF MAJOR

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

# Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis transfer admission website. UC Davis requires that students

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

## Transfer Admission Guarantee (TAG) Note:

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

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

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

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

available from our TAG website. \_\_\_\_\_ Emphasis 1: Computational 

 ENG CS 20
 C Sci/Discrete Math
 (4)
 MATH 245
 Discrete Mathematics
 (3)

 ENG CS 32A
 Intro to Programming(4)
 NO COURSE ARTICULATED: College has not

 Formerly ENG CS 10
 submitted course(s) for articulation

 OR (4) CISC 190 JAVA Programming (4) OR ENG CS 36A Programming Formerly ENG CS 30 CISC 192 C/C++ Programming (4) (5) NO COURSE ARTICULATED ENG CS 34 UNIX & C++ OR OR ENG CS 36B Object-Oriented Program (4) NO COMPARABLE COURSE Formerly ENG CS 40 ENG CS 50 Machine Dependent Proq (4) NO COMPARABLE COURSE ENG CS 32B Intro to Data Structures (4) OR OR ENG CS 36C Data Structures (4) NG Formerly ENG CS 60 (4) NO COMPARABLE COURSE \_\_\_\_\_ LINGUIS 1 Intro Linguistics (4) ENGL 202 Introduction to (3) Linguistics \_\_\_\_\_ 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 OR OR MATH 21A Calculus (4) MATH 150 Calculus with Analytic (5) Geometry I (4) MATH 151 Calculus with Analytic (4) Geometry II MATH 21B Calculus

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

MATH 22A	Linear Algebra	(3)	MATH 254	Introduction to Linear (3) Algebra
MATH 22AL	Lin Alg Comp Lab	(1)		ARTICULATED: College has not course(s)for articulation
COG SCI 1 I	ntro Cognitive Science OR	(4)	NO COURSE	ARTICULATED OR
PHILOS 10	Intro Cognitive Science	(4)		ARTICULATED: College has not course(s)for articulation
PHILOS 12 PHILOS 13G	Intro to Symbol Logic Minds, Brains Comp w/Disc	• •		Symbolic Logic (3) ARTICULATED:College has not course(s)for articulation
PSYCH 1 PSYCH 41	General Psychology Research Methods		PSYC 101  PSYC 255 	General Psychology (3) Introduction to (3) Psychological Research
STATIST 13 Same as:	Elementary Statistics STATIST 13Y	(4)	BIOL 200   <u>OR</u>	Biological Statistics (3)
			MATH 119   <u>OR</u>  PSYC 258	Elementary Statistics (3) Behavioral Science (3)
			PSIC 256   	Statistics
	Emphasis	s 2:	Neuroscie	nce
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 210A 	Introduction to the (4) Biological Sciences I
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 210A	Biological Sciences I Introduction to the (4)
DIOLOGI OG		(		Biological Sciences II Introduction to the (4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 210B   	Introduction to the (4) Biological Sciences II
LINGUIS 1	Intro Linguistics	(4)	ENGL 202 	Introduction to (3) Linguistics
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 course(s) for articulation
MATH 17C	Calculus for BioSci <b>OR</b>	(4)	NO COURSE	ARTICULATED: College has not course(s) for articulation OR
MATH 21A	Calculus	(4)	  MATH 150 	Calculus with Analytic (5) Geometry I
MATH 21B	Calculus	(4)	MATH 151	Calculus with Analytic (4) Geometry II
MATH 21C	Calculus	(4)	MATH 252 	Calculus with Analytic (4) Geometry III
COG SCI 1 I	ntro Cognitive Science OR	(4)	NO COURSE	
	-	(4)	submitted	ARTICULATED: College has not course(s)for articulation
				ARTICULATED:College has not

PHYSICS 7A	General Physics	(4)	PHYS 125  PHYS 126	_	(5) (5)
PHYSICS 7B	General Physics	(4)	PHYS 125 PHYS 126	General Physics	(5) (5)
PHYSICS 7C	General Physics	(4)	PHYS 125  PHYS 126	_	(5) (5)
	OR			OR	
PHYSICS 9A	Classical Physics	(5)	PHYS 195	Mechanics	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS 196	Electricity and Magnetism	(5)
			PHYS 197	Waves, Optics and Modern Physics	(5)
PHYSICS 9C	Classical Physics	(5)	PHYS 196 	Electricity and Magnetism	(5)
PSYCH 1 G	eneral Psychology	(4)	PSYC 101	General Psychology	(3)
PSYCH 41	Research Methods	(4)	PSYC 255 	Introduction to Psychological Research	(3)
	Elementary Statistics STATIST 13Y	(4)	BIOL 200   <b>OR</b>	Biological Statistics	(3)
			MATH 119   <b>OR</b>	Elementary Statistics	(3)
			PSYC 258	Behavioral Science Statistics	(3)

END OF MAJOR

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

## Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <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 <a href="http://llc.ucdavis.edu/foreign-language-placement-exams">http://llc.ucdavis.edu/foreign-language-placement-exams</a> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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

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

ANTHRO 4	Anthro Linguistics <b>OR</b>	(4)	NO COMPARABLE COURSE
LINGUIS 1	Intro Linguistics	(4)	ENGL 202 Introduction to (3) Linguistics
COMUNCN 1	Intro Public Spkg <b>OR</b>	(4)	COMS 103 Oral Communication (3) OR
COMUNCN 3	Intprsnl Com Cmpetnce <b>OR</b>	(4)	NO COMPARABLE COURSE
	Global English Comm LINGUIS 5 <b>OR</b>	(4)	NO COURSE ARTICULATED:College has not submitted course(s)for articulation OR
	Global English Comm COMUNCN 5	(4)	NO COURSE ARTICULATED:College has not submitted course(s)for articulation
COMUNCN 10Y	Intro to Communication	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
B) ENG CS 1	5 Intro to Computers	(4)	CISC 181Principles of(4)Information Systems

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 PHILOS 12 Intro to Symbol Logic	OR (4) PHIL 101 Symbolic Logic	(3)
PSYCH 1 General Psychology	(4) PSYC 101 General Psychology	(3)
SOCIOL 1 Intro Sociology	(5) SOCO 101 Principles of   Sociology	(3)
SOCIOL 46B Intro Social Rsch OR	(5) NO COMPARABLE COURSE	
STATIST 13 Elementary Statistics Same as: STATIST 13Y	(4) BIOL 200 Biological Statistics <b>OR</b>	(3)
	MATH 119 Elementary Statistics OR	(3)
	PSYC 258 Behavioral Science Statistics	(3)

END OF MAJOR

B) UCD ENG CS 15 not intended for Computer Science or Computer Science

Engineering majors. Only two units of credit allowed to students who have completed PLT SCI 21.

# ====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 <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 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 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

TWO COURSES FROM THE FOLLOWING:

COMUNCN 1 COMPLIT 1	Intro Public Spkg Major Books-Ancient World	• •	COMS  ENGL 		Oral Communication Masterpieces of World Literature I: 1500 BCE - 1600 CE	(3) (3)
COMPLIT 2	Major Books-Middle Ages to Enlightenment	(4)	  ENGL 	220 <u>&amp;</u>	Masterpieces of World Literature I: 1500 BCE - 1600 CE	(3)
			ENGL	221	Masterpieces of World Literature II: 1600 - Present	(3)
COMPLIT 3	Major Books-The Modern Crisis	(4)	ENGL 	221	Masterpieces of World Literature II: 1600 - Present	(3)
COMPLIT 4	Maj Books:Cont Wrld	(4)	NO CC	MPARAB	LE COURSE	
ENGLISH 3	Intro to Lit	(4)	ENGL	105	Composition and Literature	(3)
N A STD 5	Intro NA Literature	(4)	NO CC	MPARAB	LE COURSE	
UWRITING 1	Expository Writing	(4)	ENGL	101	Reading and Composition	(3)
	Style in the Essay UWRITING 18	(4)	ENGL	207	The Art of the Sentence	(3)
UWRITING 49 Formerly UW	Writing Research Papers RITING 19	(4)	NO CC	MPARAB	LE COURSE	
CM&RGDE 1	The Community	(4)	NO CC	) MPARAB	LE COURSE	
CM&RGDE 2	Ethnicity Amer Comm	(4)	NO CC	OMPARAB	LE COURSE	
PL SCI 21	Computers in Technology OR	(3)	NO CC	)MPARAB	LE COURSE OR	
B) ENG CS 15	Intro to Computers	(4)	CISC	181	Principles of Information Systems	(4)

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

ECON 1A	Princ of Microecon	(4)   ECON 121	Principles of	(3)
			Microeconomics	
	OR		OR	

(4) | ECON 120 Principles of | Macroeconomics ECON 1B Princ of Macroecon (3) \_\_\_\_\_ ANTHRO 2 Cultural Anthropology (5) ANTH 103 Introduction to (3) Cultural Anthropology OK SOCIOL 1 Intro Sociology (5) SOCO 101 Principles of Sociology OR OR (3) -----\_\_\_\_\_ STATIST 13 Elementary Statistics (4) BIOL 200 Biological Statistics (3) Same as: STATIST 13Y OR MATH 119 Elementary Statistics (3) OR PSYC 258 Behavioral Science (3) Statistics OR OR STATIST 32 Gateway to Data Science (4) |NO COMPARABLE COURSE OR OR SOCIOL 46B Intro Social Rsch (5) NO COMPARABLE COURSE \_\_\_\_\_

END OF MAJOR

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

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

# Special Advising Note:

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

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

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

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

## College Foreign Language Requirement Note:

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

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

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

COMPLIT 1	Major Books-Ancient World	(4) ENGL 220   	Masterpieces of World (3) Literature I: 1500 BCE - 1600 CE
	OR		OR
COMPLIT 2	Major Books-Middle Ages to Enlightenment	(4) ENGL 220 <u>&amp;</u>	Masterpieces of World (3) Literature I: 1500 BCE - 1600 CE
		ENGL 221   	Masterpieces of World (3) Literature II: 1600 - Present
		·	
COMPLIT 3	Major Books-The Modern Crisis	(4) ENGL 221   	Masterpieces of World (3) Literature II: 1600 - Present
	OR	Ì	OR
COMPLIT 4	Maj Books:Cont Wrld	(4) NO COMPARAE	BLE COURSE

#### TWO COURSES FROM THE FOLLOWING:

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

COMPLIT 1	Major Books-Ancient World	(4)	ENGL 220   	Masterpieces of World (3) Literature I: 1500 BCE - 1600 CE
COMPLIT 2	Major Books-Middle Ages to Enlightenment	(4)	ENGL 220 <u>&amp;</u>   	Masterpieces of World (3) Literature I: 1500 BCE - 1600 CE
			ENGL 221   	Masterpieces of World (3) Literature II: 1600 - Present
COMPLIT 3	Major Books-The Modern Crisis	(4)	ENGL 221   	Masterpieces of World (3) Literature II: 1600 - Present
COMPLIT 4	Maj Books:Cont Wrld	(4)	NO COMPARAN	BLE COURSE
COMPLIT 5	Fairy Tales, Fables, Parables	(4)	NO COMPARAI	BLE COURSE
COMPLIT 6	Myths & Legends	(4)	HUMA 201	Mythology (3)
COMPLIT 7	Lit:Fant,Supernatl	(4)	NO COMPARA	BLE COURSE
COMPLIT 8	Utopias Transform	(4)	NO COMPARA	BLE COURSE
COMPLIT 9	Short Story & Novella	(4)	NO COMPARA	BLE COURSE
COMPLIT 11	Travel and Modern World	(4)	NO COURSE A	ARTICULATED: College has not
Same as:	GERMAN 11		submitted of	course(s)for articulation
COMPLIT 12	Intro Women Writers	(4)	NO COMPARA	BLE COURSE
COMPLIT 13	Dramatic Lit	(3)	NO COMPARA	BLE COURSE
COMPLIT 14	Intro Poetry	(3)	NO COMPARA	BLE COURSE
COMPLIT 20	Humans & Natural World	. ,	NO COMPARA	
COMPLIT 24	Animals in Literature	(4)	NO COURSE 2	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.

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

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

#### Transfer Admission Guarantee (TAG) Note:

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

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# 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.

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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 2018-2019 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> 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 <u>College of Engineering website</u> if you have any questions.

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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.

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

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

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

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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 our website for details regarding UC Davis TAG.

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# General Education (GE) Note:

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

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

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

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

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

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

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Special Advising Note:

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

# Transfer Admission Guarantee (TAG) Note:

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 General Catalog . Quick reference charts for AP and IB are also available from our TAG website. \_\_\_\_\_ (4) | MATH 150 Calculus with Analytic (5) | Geometry I (4) | MATH 151 Calculus with Analytic (4) MATH 21A Calculus MATH 21B Calculus (4) MATH 252 Geometry II Geometry II Geometry III MATH 21C Calculus \_\_\_\_\_ (3) MATH 254 Introduction to Linear (3) Algebra MATH 22A Linear Algebra OR OR MATH 67 Modern Linear Algebra (4) NO COURSE ARTICULATED: College has not |submitted course(s) for articulation \_\_\_\_\_ ENG CS 20C Sci/Discrete Math(4) | MATH 245Discrete Mathematics(3)ENG CS 36AProgramming(4) | CISC 190JAVA Programming(4) ENG CS 36A Programming Formerly ENG CS 30 | <u>OR</u> |CISC 192 C/C++ Programming (4) ENG CS 36B Object-Oriented Program (4) NO COMPARABLE COURSE Formerly ENG CS 40 ENG CS 36C Data Structures Formerly ENG CS 60 Formerly ENG CS 40 (4) NO COMPARABLE COURSE ENG CS 50 Machine Dependent Prog (4) NO COMPARABLE COURSE Please note that the community college's computer science courses

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

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BIOLSCI 2A Intro Biology:Life on Earth	(5) BIOL 210A Introduction to the (4) Biological Sciences I	)
BIOLSCI 2B Intro Biology: Ecology & Evolution	-	)
& EVOLUCION	BIOL 210B Introduction to the (4) Biological Sciences II	)
BIOLSCI 2C Intro Biology: Biodiversity & the Tree of Life	(5) BIOL 210B Introduction to the (4) Biological Sciences II	)
CHEM 2A Genl Chemistry	(5) CHEM 200 <u>&amp;</u> General Chemistry I - (3) Lecture	)
	CHEM 200L General Chemistry I - (2) Laboratory	)
CHEM 2B Genl Chemistry	(5) CHEM 200 <u>&amp;</u> General Chemistry I - (3) Lecture	)
	CHEM 200L <u>&amp;</u> General Chemistry I - (2) Laboratory	)
	CHEM 201 <u>&amp;</u> General Chemistry II (3) - Lecture	)
	CHEM 201L General Chemistry II (2) - Laboratory	)
CHEM 2C Genl Chemistry	(5) CHEM 201 <u>&amp;</u> General Chemistry II (3) - Lecture	)
	CHEM 201L General Chemistry II (2) - Laboratory	)
CHEM 2AH Honors Genl Chemistry	(5) NO COURSE ARTICULATED: College has not submitted course(s) for articulation	-
CHEM 2BH Honors Genl Chemistry	(5) NO COURSE ARTICULATED: College has not submitted course(s) for articulation	-
CHEM 2CH Honors Genl Chemistry	(5) NO COURSE ARTICULATED: College has not submitted course(s) for articulation	-
PHYSICS 9A Classical Physics	(5) PHYS 195 Mechanics (5)	)
PHYSICS 9B Classical Physics	(5) PHYS 196 $\underline{\mathbf{\&}}$ Electricity and (5) Magnetism	
	PHYS 197 Waves, Optics and (5) Modern Physics	)
PHYSICS 9C Classical Physics	(5) PHYS 196 Electricity and (5) Magnetism	)
END OF MAJOR		

END OF MAJOR

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

# Special Advising Note:

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

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

# Transfer Admission Guarantee (TAG) Note:

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

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

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Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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 <a href="http://llc.ucdavis.edu/foreign-language-placement-exams">http://llc.ucdavis.edu/foreign-language-placement-exams</a> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> 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
DESIGN 21	Drafting and Perspective	(4)	-
DESIGN 15	Form & Color	(4)	ARTF 150A Two-Dimensional (3) Design
	AND		AND
DESIGN 16	Graphics & The Computer	(4)	NO COMPARABLE COURSE
DESIGN 40A	Energy, Materials, Design <b>OR</b>	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation OR
DESIGN 40B	Ideologies of Design <b>OR</b>	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation OR
DESIGN 40C	Design Aesthetics/Exper	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation

# TWO COURSES FROM THE FOLLOWING:

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

ART 12	Beg	inning Video	(4)	NO COURSE	ARTICULATED: College has not
				submitted	course(s) for articulation
DESIGN	40A	Energy, Materials,	(4)		ARTICULATED: College has not
		Design		submitted	course(s) for articulation
DESIGN	40B	Ideologies of Design	(4)	1	ARTICULATED: College has not
				submitted	course(s) for articulation
DESIGN	40C	Design Aesthetics/Exper	(4)	1	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)			College has not r articulation
DESIGN 77	Intro to Fashion Design	(4)		ABLE COURSE	
UWRITING 11	Pop Sci & Technol Wrtng <b>OR</b>	(4)			College has not articulation
UWRITING 12	Writing/Visual Rhetoric <b>OR</b>	(4)			College has not articulation
	Style in the Essay UWRITING 18 <b>OR</b>	(4)	ENGL 207   	The Art of Sentence <b>OR</b>	the (3)
UWRITING 49 Formerly UW END OF MAJOR		(4)	NO COMPAR <i>I</i> 	ABLE COURSE	

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

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## Transfer Admission Guarantee (TAG) Note:

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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 <a href="http://llc.ucdavis.edu/foreign-language-placement-exams">http://llc.ucdavis.edu/foreign-language-placement-exams</a> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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

**AP and** IB examination credit policies are detailed in the UC Davis 2018-19 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> 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)	ARTF 125 Art History: Arts of (3)
			the Asian Continent
CHINESE 7	Chinese Business Culture	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
CHINESE 10	Modern Lit (in Engl)	(4)	NO COMPARABLE COURSE
CHINESE 11	Gt Bks China (Engl)	(4)	NO COMPARABLE COURSE
COMPLIT 53A	Lit of East Asia	(4)	NO COMPARABLE COURSE
JPNESE 10	Masterworks in English	(4)	NO COMPARABLE COURSE
JPNESE 25	Language & Culture (in	(4)	NO COMPARABLE COURSE
	English)		
JPNESE 50	Intro to Literature	(4)	NO COMPARABLE COURSE
Same as:	CHINESE 50		
E ASIAN 88	Korean Society	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s)for articulation
REL STD 75	Introduction to Chinese	(4)	NO COMPARABLE COURSE
	Philosophy		
			'

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

x) CHINESE 1	Elem Chinese	(5)	CHIN	101		First Course in Mandarin Chinese	(5)
x) CHINESE 2	Elem Chinese	(5)	CHIN	102		Second Course in Mandarin Chinese	(5)
	OR					OR	
y) JPNESE 1	Elem Japanese	(5)	JAPN 	101	<u>&amp;</u>	First Course in Japanese	(5)
			JAPN 	210		Conversation and Composition in Japanese I	(3)
y) JPNESE 2	Elem Japanese	(5)	JAPN	101	<u>&amp;</u>	First Course in Japanese	(5)
			JAPN     <b>OI</b>			Second Course in Japanese	(5)
			JAPN	-	<u>&amp;</u>	Conversation and Composition in Japanese I	(3)
			JAPN	211		Conversation and Composition in Japanese II	(3)

#### END OF MAJOR

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

====Ecological Management and Restoration B.S.==== Special Advising Note: Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is <u>highly recommended</u> that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. See the U<u>C Transfer Admission website</u> 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 <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> for details regarding UC Davis TAG.

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

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

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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 U<u>C Transfer Admission website</u>. The courses used for the A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

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

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

BIOLSCI 2A Intro Biology:Life on Earth BIOLSCI 2B Intro Biology: Ecology (5) BIOL 210A Introduction to the (4) & Evolution (5) BIOL 210A Introduction to the (4) Biological Sciences I BIOL 210B Introduction to the (4) Biological Sciences ( II BIOL 210B Introduction to the (4) Biological Sciences ( II BIOL 210B Introduction to the (4) Biological Sciences ( II BIOL 210B Introduction to the (4) Biological Sciences ( II CHEM 2A Genl Chemistry (5) CHEM 200 General Chemistry I - (3) Lecture CHEM 2B Genl Chemistry (5) CHEM 200 General Chemistry I - (3) Lecture CHEM 201 General Chemistry I - (3) Lecture CHEM 201 General Chemistry I - (3) Lecture CHEM 201 General Chemistry I - (3) Lecture CHEM 201 General Chemistry I - (2) Laboratory CHEM 201 General Chemistry I - (2) Laboratory CHEM 201 General Chemistry I - (3) Lecture CHEM 201 General Chemistry I - (2) Laboratory CHEM 201 General Chemistry I - (3) Lecture CHEM 201 General Chemistry I - (2) Laboratory CHEM 201 General Chemistry I - (3) Lecture CHEM 201 General Chemistry I - (2) Laboratory CHEM 201 General Chemistry I - (2) Laboratory CHEM 201 General Chemistry I - (2) Laboratory CHEM 201 General Chemistry I - (2) Laboratory CHEM 201 General Chemistry I (2) - Laboratory CHEM 201 General Chemistry I (2) - Laboratory CHEM 201 General Chemistry I (2) - Laboratory CHEM 201 General Physics I (5) PHYSICS 7A General Physics (4) PHYS 125 General Physics I (5) PHYSICS 7B General Physics (4) PHYS 125 General Physics I (5) PHYS 126 General Physics I (5) PHYS 126 General Physics I (5) PHYS 126 General Physics I (5) PHYS 126 General Physics I (5) PHYS 126 General Physics I (5) PHYS 126 General Physics I (5) PHYS 126 General Physics I (5) PHYS 126 General Physics I (5) PHYS 126 General Physics I (5) PHYS 126 General Physics I (5) PHYS 126 General Physics I (5) PHYS 126 General Physics I (5) PHYS 126 General Physics I (5) PHYS 126 General Physics I (5) PHYS 126 General Physics I (5) PHYS 126 General Physics I (5) PHYS 126 General Physics I (5) PHYS 126 General Physics I (5) PHYS 126 G	available IIC	JUI OUI ING WEDSILE.					
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BIOL 210B       Introduction to the (4)         BIOLSCI 2C       Intro Biology: Biodiversity & the Tree of Life       (5)         CHEM 2A       Genl Chemistry       (5)         CHEM 2A       Genl Chemistry       (5)         CHEM 2B       Genl Chemistry       (5)         CHEM 2B       Genl Chemistry       (5)         CHEM 2B       Genl Chemistry       (5)         CHEM 2B       Genl Chemistry       (5)         CHEM 2B       Genl Chemistry       (5)         CHEM 2B       Genl Chemistry       (5)         CHEM 2D <b>&amp;</b> General Chemistry I - (2) Laboratory         CHEM 2D1 <b>&amp;</b> General Chemistry I - (2) Laboratory         CHEM 2D1 <b>&amp;</b> General Chemistry I - (2) Laboratory         CHEM 2D1 <b>&amp;</b> General Chemistry I - (2) Laboratory         CHEM 2D1 <b>&amp;</b> General Chemistry I - (2) Laboratory         CHEM 2D1 <b>&amp;</b> General Chemistry I - (2) Laboratory         CHEM 2D1 <b>&amp;</b> General Chemistry I - (2) Laboratory         CHEM 2D1 <b>&amp;</b> General Chemistry I - (2) Laboratory         CHEM 2D1 <b>&amp;</b> General Chemistry I - (2) Laboratory         CHEM 2D1 <b>&amp;</b> General Ch	BIOLSCI 2B		(5)	BIOL	210A	<u>&amp;</u>	
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of Life       II         CHEM 2A       Genl Chemistry       (5)       CHEM 200       & General Chemistry I - (3) Lecture         CHEM 2B       Genl Chemistry       (5)       CHEM 200L       General Chemistry I - (2) Laboratory         CHEM 2B       Genl Chemistry       (5)       CHEM 200 & General Chemistry I - (3) Lecture         CHEM 2B       Genl Chemistry       (5)       CHEM 200 L       General Chemistry I - (2) Laboratory         CHEM 201 & General Chemistry II       (3)       - Lecture         CHEM 201 & General Chemistry II       (3)         - Lecture       CHEM 201L       General Chemistry II         PHYSICS 1A       Principles Physics       (3)       NO COMPARABLE COURSE         PHYSICS 1B       Principles Physics       (3)       NO COMPARABLE COURSE         PHYSICS 7A       General Physics       (4)       PHYS 125 G       General Physics II       (5)         PHYSICS 7B       General Physics       (4)       PHYS 125 G       General Physics II       (5)         PHYSICS 7C       General Physics       (4)       PHYS 125 G       General Physics II       (5)         PHYSICS 7C       General Physics       (5)       PHYS 126 G       General Physics II       (5)         PHYS 126 G       General Phy	BIOLSCI 2C			BIOL	210B		
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Laboratory CHEM 201 & General Chemistry II (3) - Lecture CHEM 201L General Chemistry II (2) - Laboratory PHYSICS 1A Principles Physics (3) NO COMPARABLE COURSE PHYSICS 1B Principles Physics (3) NO COMPARABLE COURSE OR OR PHYSICS 7A General Physics (3) NO COMPARABLE COURSE OR OR PHYSICS 7A General Physics (4) PHYS 125 & General Physics (5) PHYS 126 General Physics II (5) PHYSICS 7B General Physics (4) PHYS 125 & General Physics (5) PHYSICS 7C General Physics (4) PHYS 125 & General Physics II (5) PHYSICS 7C General Physics (4) PHYS 125 & General Physics II (5) PHYS 126 General Physics II (5) PHYS 126 General Physics II (5) 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		-		į		—	
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Davis, and will need to meet with a UC Davis advisor before continuing with							
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MATH 16A	Short Calculus	(3)	MATH	121	Basic Techniques of (	3)
матн 16в	Short Calculus	(3)	   MATH	100	Applied Calculus I Basic Techniques of (	2)
MATH TOD	Short Carcurus	(3)			Calculus II	5)
	OR				OR	
MATH 17A	Calculus for BioSci	(4)	NO C	OURSE	ARTICULATED: College has n	ot

MATH 17B	Calculus for Biosci	(4)	NO COURSE	course(s) for articulation ARTICULATED: College has not course(s) for articulation
	OR			OR
MATH 21A	Calculus	(4)	MATH 150	Calculus with Analytic (5)
				Geometry I
MATH 21B	Calculus	(4)	MATH 151	Calculus with Analytic (4)
				Geometry II
ENV S&P 1	Env Analysis	(4)	NO COURSE	ARTICULATED: College has not
			submitted	course(s) for articulation

# 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 <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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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.

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

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

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

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

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

ECON 1A	Princ of Microecon	(4)	ECON 121	Principles of Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 120	Principles of Macroeconomics	(3)
STATIST 13 Same as:	Elementary Statistics STATIST 13Y	(4)	BIOL 200   <u>OR</u>	Biological Statistics	(3)
			MATH 119 OR	Elementary Statistics	(3)
			PSYC 258	Behavioral Science Statistics	(3)
	OR			OR	
STATIST 32		(4)	    NO COMPARAE	OR	
STATIST 32  MATH 16A	•		  NO COMPARAE   MATH 121 	OR	(3)
	Gateway to Data Science	(3)	' 	OR SLE COURSE Basic Techniques of	(3)
 MATH 16A	Gateway to Data Science Short Calculus	(3)	  MATH 121 	OR SLE COURSE Basic Techniques of Applied Calculus I Basic Techniques of	. ,
 MATH 16A	Gateway to Data Science Short Calculus Short Calculus	(3)	  MATH 121 	OR BLE COURSE Basic Techniques of Applied Calculus I Basic Techniques of Calculus II	(3)

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

MATH 21C	Calculus	(4) MATH 252	Calculus with Analytic (4)
			Geometry III
MATH 22A	Linear Algebra	(3) MATH 254	Introduction to Linear (3)
			Algebra

END OF MAJOR

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

# Special Advising Note:

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

## IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

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# Special Advising Note:

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

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

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

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

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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 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.

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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 2018-2019 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> 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 <u>College of Engineering website</u> if you have

any questions.

END OF MAJOR

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

## Special Advising Note:

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

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

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# Transfer Admission Guarantee (TAG) Note:

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

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

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

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

ENGLISH 3	Intro to Lit	(4)	ENGL 	105	Composition and Literature	(3)
UWRITING 1	OR Expository Writing	(4)	   ENGL 	101	OR Reading and Composition	(3)
ENGLISH 10A	Literatures in English I: To 1700	(4)	ENGL 	215	English Literature I: 800-1799	(3)
ENGLISH 10B	Literatures in English II: 1700-1900	(4)	ENGL		American Literature I	(3)
			ENGL	216	English Literature II: 1800 - Present	(3)
ENGLISH 10C	Literatures in English III: 1900 to Present	(4)	ENGL   	211	American Literature II	(3)

# ONE COURSE FROM THE FOLLOWING:

ENGLISH 4	10 Intro	Topics	in Lit	(4)	NO COURSE ARTICULATED: College has not
					submitted course(s) for articulation
ENGLISH 4	ll Intro	Topics	Lit &	(4)	NO COURSE ARTICULATED: College has not
	Media				submitted course(s)for articulation
ENGLISH 4	13 Intro	Topics	in Drama	(4)	DRAM 105 Introduction to (3)
					Dramatic Arts
ENGLISH 4	4 Intro	Topics	in Fiction	(4)	NO COMPARABLE COURSE
ENGLISH 4	15 Intro	Topics	in Poetry	(4)	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 <u>highly recommended</u> that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

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 <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> for details regarding UC Davis TAG.

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

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

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

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

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

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

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

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 	210A		Introduction to the (4) Biological Sciences I
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL	210A	<u>&amp;</u>	Introduction to the (4) Biological Sciences I
			BIOL   	210B		Introduction to the (4) Biological Sciences II
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life		BIOL   	210B		Introduction to the (4) Biological Sciences II
снем 2а	Genl Chemistry	(5)	СНЕМ 	200	<u>&amp;</u>	General Chemistry I - (3) Lecture
			CHEM	200L		General Chemistry I - (2) Laboratory
CHEM 2B	Genl Chemistry	(5)	CHEM		_	General Chemistry I - (3 Lecture
			İ		_	General Chemistry I - (2 Laboratory
			CHEM	201	<u>&amp;</u>	General Chemistry II (3 - Lecture
			CHEM	201L		General Chemistry II (2) - Laboratory
снем 8а	Organic Chem-Brief	(2)	   CHEM 	130	<u>&amp;</u>	Introduction to (3 Organic and
			     CHEM	130L		Biological Chemistry Introduction to (1)
				1901		Organic and Biological Chemistry
CHEM 8B	Organic Chem-Brief	(4)	CHEM	130	<u>&amp;</u>	Laboratory Introduction to (3 Organic and
			   CHEM   	130L		Biological Chemistry Introduction to (1 Organic and Biological Chemistry Laboratory
CHEM 118A	<b>OR</b> Org Chem, Hlth & Sci	(4)	   CHEM	231	&	<b>OR</b> Organic Chemistry I - (3
			   CHEM	231L		Lecture Organic Chemistry I (2
CHEM 118B	Org Chem, Hlth & Sci	(4)	   CHEM	231	<u>&amp;</u>	Laboratory Organic Chemistry I - (3)
			CHEM	231L	<u>&amp;</u>	Lecture Organic Chemistry I (2
			   CHEM	233	<u>&amp;</u>	Laboratory Organic Chemistry II (3
			   CHEM 	233L		- Lecture Organic Chemistry II (2 Laboratory
 МАТН 16А	Short Calculus	(3)	   MATH	121	 I	Basic Techniques of (3

MATH 16B	Short Calculus	(3)	MATH 122 Basic Techniques of (3) Calculus II
MATH 16C	Short Calculus	(3)	MATH 122 Basic Techniques of (3) Calculus II
	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 submitted course(s) for articulation
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
	OR	( 4 )	OR
MATH 21A	Calculus	(4)	MATH 150Calculus with Analytic (5)Geometry I
MATH 21B	Calculus	(4)	MATH 151 Calculus with Analytic (4) Geometry II
MATH 21C	Calculus	(4)	MATH 252 Calculus with Analytic (4)
			Geometry III
PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE
PHYSICS 1B	Principles Physics		
	Elementary Statistics	(4)	BIOL 200 Biological Statistics (3)
Same as:	STATIST 13Y		OR
			MATH 119 Elementary Statistics (3)
			PSYC 258 Behavioral Science (3)
	OR		Statistics
ፍሞልሞፐ ፍሞ እን	Gateway to Data Science	(4)	NO COMPARABLE COURSE
DIVITOI 27	OR	(1)	OR
PL SCI 21	Computers in Technology	(3)	NO COMPARABLE COURSE

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

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# 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:

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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/

\_\_\_\_\_\_nttp://engineering.ucdavis.edu/transfer-credit-agreements/\_\_\_\_\_\_

#### Special Advising Note:

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

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

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

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

#### Transfer Admission Guarantee (TAG) Note:

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

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#### 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.

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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 2018-2019 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

#### END OF MAJOR

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

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

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

### Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 General Catalog . Quick reference charts for AP and IB are also available from our TAG website. \_\_\_\_\_ ENVHORT 1Intro Envhort/Urb For(3) | NO COMPARABLE COURSEENVHORT 6Intro Environ Plants(4) | NO COMPARABLE COURSE \_\_\_\_\_ LND ARC 30 History Environ Design (4) NO COMPARABLE COURSE \_\_\_\_\_ BIOLSCI 2A Intro Biology:Life on (5) BIOL 210A Introduction to the (4) Earth Biological Sciences I BIOLSCI 2B Intro Biology: Ecology (5) BIOL 210A & Introduction to the (4) & Evolution Biological Sciences I BIOL 210B Introduction to the (4) Biological Sciences ΙI PL SCI 2 Bot Physio Cul Plt (4) NO COMPARABLE COURSE \_\_\_\_\_ CHEM 2A Genl Chemistry (5) | CHEM 200 崔 General Chemistry I - (3) Lecture CHEM 200L General Chemistry I - (2) Laboratory CHEM 2B Genl Chemistry (5) CHEM 200 & General Chemistry I - (3) Lecture |CHEM 200L & General Chemistry I - (2) Laboratory CHEM 201 <u>&</u> General Chemistry II (3) - Lecture CHEM 201L General Chemistry II (2) | - Laboratory \_\_\_\_\_ ENV S&P 1 Env Analysis (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation OR OR ENV S&P 10 Current Issues in (3) NO COURSE ARTICULATED: College has not submitted course(s) for articulation Environment ENV S&P 10 not open for credit to students who have completed ENV S&P 1 OR OR ENV S&P 30 Global Ecosystem (3) NO COURSE ARTICULATED: College has not Same as: ENV SC&M 30 Same as: ENV SC&M 30 submitted course(s) for articulation \_\_\_\_\_ PHYSICS 1APrinciples Physics(3) | NO COMPARABLE COURSEPHYSICS 1BPrinciples Physics(3) | NO COMPARABLE COURSE \_\_\_\_\_ PL SCI 21 Computers in Technology (3) NO COMPARABLE COURSE \_\_\_\_\_ (3) MATH 121 MATH 16A Short Calculus Basic Techniques of (3) Applied Calculus I OR OR STATIST 13 Elementary Statistics (4) | BIOL 200 Biological Statistics (3) Same as: STATIST 13Y OR MATH 119 Elementary Statistics (3) OR PSYC 258 Behavioral Science (3)

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

# in consultation with advisor

		URBAN LANDSCAPE M	MANAGEMENT OPTION	
SCI&SOC 18	GIS &	Society	(3) NO COURSE ARTICULATED: College has n	ot
			submitted course(s) for articulation	L
		RECOMMEND	DED COURSES:	

# COMUNCN 1 Intro Public Spkg (4) COMS 103 Oral Communication (3)

#### END OF MAJOR

# ====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 <u>highly recommended</u> that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

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

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#### Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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The College of A&ES English Composition requirement for the Bachelor's degree is

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

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

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

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

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

COMUNCN 1	Intro Public Spkg <b>OR</b>	(4)	COMS 103	Oral Communication (3) OR
COMUNCN 3	Intprsnl Com Cmpetnce <b>OR</b>	(4)	NO COMPAR	ABLE COURSE OR
DRAMART 10	Intro To Acting	(4)		ARTICULATED: College has not course(s) for articulation
BIOLSCI 2A	Intro Biology:Life on Earth <b>OR</b>	(5)	BIOL 210A   	Introduction to the (4) Biological Sciences I <b>OR</b>
BIOLSCI 10	Everyday Biology	(4)	BIOL 107 	General Biology - (4) Lecture and Laboratory
CHEM 2A G	enl Chemistry	(5)	CHEM 200 	<u>&amp;</u> General Chemistry I - (3) Lecture
			CHEM 200L	Laboratory
CHEM 10 Co	OR oncept of Chem	(4)	  CHEM 100 	OR Fundamentals of (3) Chemistry
PHYSICS 1A	Principles Physics	(3)	NO COMPAR.	ABLE COURSE
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 210A 	Introduction to the (4) Biological Sciences I

	BIOL 210B Introduction to the (4) Biological Sciences II
OR CHEM 2B Genl Chemistry	OR (5) CHEM 200 <u>&amp;</u> General Chemistry I - (3) Lecture
	CHEM 200L <u>&amp;</u> General Chemistry I - (2) Laboratory
	CHEM 201 <u>&amp;</u> General Chemistry II (3) - Lecture
	CHEM 201L General Chemistry II (2) - Laboratory
<b>OR</b> PHYSICS 1B Principles Physics	OR (3) NO COMPARABLE COURSE
ONE COURSE F	FROM THE FOLLOWING:
PL SCI 21 Computers in Technology OR	
-	OR (3) NO COURSE ARTICULATED: College has not  submitted course(s) for articulation
ECON 1A Princ of Microecon	(4)   ECON 121 Principles of (3)   Microeconomics
ECON 1B Princ of Macroecon	
ONE COURSE F	FROM THE FOLLOWING:
AN SCI 1 Domest Ani & People ATM SCI 60 Intro to Atmospheric Science	
i) GEOLOGY 1 The Earth	<pre>(4) GEOL 100 Physical Geology (3) (4) BIOL 180 Plants and People (3)</pre>
	(3)  NO COURSE ARTICULATED: College has not  submitted course(s) for articulation
ENV S&P 1 Env Analysis	(4) NO COURSE ARTICULATED: College has not  submitted course(s) for articulation
MATH 16A Short Calculus	(3) MATH 121 Basic Techniques of (3)
MATH 16B Short Calculus OR	(3) MATH 122 Basic Techniques of (3) Calculus I OR
MATH 17A Calculus for BioSci	(4) NO COURSE ARTICULATED: College has not
MATH 17B Calculus for Biosci	submitted course(s) for articulation
<b>OR</b> MATH 21A Calculus	OR (4) MATH 150 Calculus with Analytic (5)
MATH 21B Calculus	Geometry I (4) MATH 151 Calculus with Analytic (4) Geometry II
	(4) POLI 102 The American Political (3)   System
	(4) BIOL 200 Biological Statistics (3)
Same as. STAITST TST	<u>OR</u>  MATH 119 Elementary Statistics (3)

	OR	  PS 	<u>OR</u> YC 258	Behavioral Sc Statistics <b>OR</b>	ience (3)
STATIST 32	Gateway to Data Sciend	ce (4)  NO	COMPARA	ABLE COURSE	
SCI&SOC 25	CLIN Global Climate Chang		COURSE		

END OF MAJOR

i) If a student takes GEOL 100 at San Diego Mesa College, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.

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

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

Transfer students must also meet UC transfer admission requirements. See the U<u>C Transfer Admission website</u> 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 <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> for details regarding UC Davis TAG.

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

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

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

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

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

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

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

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

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

COMUNCN 1	Intro Public Spkg <b>OR</b>	(4)	COMS	103	Oral Communication (3) OR
COMUNCN 3	Intprsnl Com Cmpetnce OR	(4)	NO C(	OMPARA	ABLE COURSE OR
DRAMART 10	Intro To Acting	(4)	!		ARTICULATED: College has not course(s) for articulation
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 	210A	Introduction to the (4) Biological Sciences I
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL	210A	-
			BIOL   	210B	Introduction to the (4) Biological Sciences II
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL	210B	Introduction to the (4) Biological Sciences II
CHEM 2A G	enl Chemistry	(5)	СНЕМ 	200	<u>&amp;</u> General Chemistry I - (3) Lecture
			CHEM	200L	General Chemistry I - (2) Laboratory
CHEM 2B G	enl Chemistry	(5)	CHEM	200	<u>&amp;</u> General Chemistry I - (3) Lecture
			CHEM 	200L	<u>&amp;</u> General Chemistry I - (2) Laboratory
			CHEM	201	<pre>&amp; General Chemistry II (3) - Lecture</pre>

			CHEM 201L	General Chemistry II (2) - Laboratory
CHEM 2AH	<b>OR</b> Honors Genl Chemistry	(5)	NO COURSE	OR ARTICULATED: College has not
	Honors Genl Chemistry		submitted	course(s) for articulation ARTICULATED: College has not course(s) for articulation
i) GEOLOGY	1 The Earth OR	(4)		Physical Geology (3) OR
i) GEOLOGY	50 Physical Geology	(3)	GEOL 100	Physical Geology (3)
PHYSICS 1A PHYSICS 1B				ABLE COURSE ABLE COURSE OR
PHYSICS 7A		(4)		General Physics (5)
PHYSICS 7B	General Physics	(4)	PHYS 125 <u>&amp;</u>	General Physics II (5) General Physics (5)
PHYSICS 7C	General Physics	(4)	PHYS 125 <u>&amp;</u>	General Physics II (5) General Physics (5) General Physics II (5)
series may	ore transferring. Students be required to take additi will need to meet with a t	ional	physics co	
ECON 1A	Princ of Microecon	(4)	ECON 121 	Principles of (3) Microeconomics
MATH 16A		(3)	  MATH 121 	Basic Techniques of (3) Applied Calculus I
МАТН 16В	Short Calculus	(3)	  MATH 122 	Basic Techniques of (3) Calculus II
	OR			OR
МАТН 17А	Calculus for BioSci	(4)		ARTICULATED: College has not course(s) for articulation
МАТН 17В	Calculus for Biosci	(4)	NO COURSE	ARTICULATED: College has not course(s) for articulation
	OR			OR
MATH 21A	Calculus			Calculus with Analytic (5) Geometry I
MATH 21B	Calculus			Calculus with Analytic (4) Geometry II
ENV S&P 1		(4)	NO COURSE	ARTICULATED: College has not course(s) for articulation
	RECOMMENDED COU			
CHEM 2C	Genl Chemistry	(5)	CHEM 201 	<u>&amp;</u> General Chemistry II (3) - Lecture
			CHEM 201L	General Chemistry II (2) - Laboratory
CHEM 2CH	<b>OR</b> Honors Genl Chemistry			<b>OR</b> ARTICULATED: College has not
			submitted	course(s) for articulation

# PREPARATION FOR GRADUATION:

STATIST 13 Elementary Statistics (4) BIOL 200 Biological Statistics (3)

OR			
MATH 119	Elementary	Statistics	(3)
OR			
PSYC 258	Behavioral	Science	(3)
	Statistics		

#### ECOLOGY, BIODIVERSITY, AND CONSERVATION TRACK:

ATM SCI 60	Intro to Atmospheric	(4) NO COMPARABLE COURSE
	Science	

#### CLIMATE CHANGE AND AIR QUALITY TRACK:

ATM SCI 60	Intro to Atmospheric	(4) NO COMPARABLE COURSE
	Science	

#### WATERSHED SCIENCE TRACK:

HYDRO S	10	Water, Po	ower, So	ociety				ARTICULATED:			
Same	as:	SCI&SOC 10				subr	mitted	course(s) fo	r articu	latic	n
GEOLOGY	35	Rivers			(3)	NO (	COURSE	ARTICULATED:	College	has	not
						subr	mitted	course(s) fo	r articu	latic	n
LND ARC	60	Landform	Grading	g Studio	(6)	NO (	COMPARA	ABLE COURSE			
											· – – –

END OF MAJOR

i) If a student takes GEOL 100 at San Diego Mesa College, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.

### ====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 <u>highly recommended</u> that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

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

# Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

BIOLSCI 2A	Intro Biology:Life on	(5) BIOL 210A	Introduction to the (4)
	Earth		Biological Sciences I
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5) BIOL 210A &	Introduction to the (4) Biological Sciences I
		BIOL 210B   	Introduction to the (4) Biological Sciences II
BIOLSCI 2C	Intro Biology:	(5) BIOL 210B	Introduction to the (4)
	Biodiversity & the Tree		Biological Sciences
	of Life		II

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CHEM 2A	Genl Chemistry	(5)	CHEM 200 <u>&amp;</u> General Chemistry I - (3) Lecture CHEM 200L General Chemistry I - (2)
			Laboratory
CHEM 2B	Genl Chemistry	(5)	CHEM 200 <u>&amp;</u> General Chemistry I - (3) Lecture
			CHEM 200L <u>&amp;</u> General Chemistry I - (2) Laboratory
			CHEM 201 <u>&amp;</u> General Chemistry II (3) - Lecture
			CHEM 201L General Chemistry II (2) - Laboratory
CHEM 2C	Genl Chemistry	(5)	CHEM 201 <u>&amp;</u> General Chemistry II (3) - Lecture
			CHEM 201L General Chemistry II (2)
	OR		- Laboratory OR
CHEM 2AH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHEM 2BH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not
CHEM 2CH	Honors Genl Chemistry	(5)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not
		(-,	submitted course(s) for articulation
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 231 <u>&amp;</u> Organic Chemistry I - (3) Lecture
			CHEM 231L Organic Chemistry I (2)
CHEM 118B	Org Chem, Hlth & Sci	(4)	Laboratory CHEM 231 <u>&amp;</u> Organic Chemistry I - (3)
			Lecture CHEM 231L & Organic Chemistry I (2)
			Laboratory CHEM 233 <u>&amp;</u> Organic Chemistry II (3)
			- Lecture CHEM 233L Organic Chemistry II (2)
CHEM 118C	Org Chem, Hlth & Sci	(4)	Laboratory CHEM 233 & Organic Chemistry II (3)
		( - )	- Lecture
			CHEM 233L Organic Chemistry II (2) Laboratory
CHEM 128A	<b>OR</b> Organic Chemistry	(2)	OR  CHEM 231 Organic Chemistry I - (3)
			Lecture
CHEM 128B	Organic Chemistry	(3)	CHEM 231 & Organic Chemistry I - (3) Lecture
			CHEM 233 Organic Chemistry II - (3) Lecture
CHEM 128C	Organic Chemistry	(3)	CHEM 233 Organic Chemistry II - (3) Lecture
CHEM 129A	Organic Chem Lab	(2)	CHEM 231L Organic Chemistry I (2) Laboratory
MATH I/A	Calculus for BioSci		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	(4)	MATH 150Calculus with Analytic (5)Geometry I
MATH 21B	Calculus	(4)	MATH 151 Calculus with Analytic (4) Geometry II

MATH 21C	Calculus	(4) MATH 252 	Calculus with Analytic (4) Geometry III
PHYSICS 7A	General Physics	(4) PHYS 125 a	General Physics (5)
		PHYS 126	General Physics II (5)
PHYSICS 7B	General Physics	(4) PHYS 125 4	General Physics (5)
		PHYS 126	General Physics II (5)
PHYSICS 7C	General Physics	(4) PHYS 125	General Physics (5)
		PHYS 126	General Physics II (5)
It is highl	y recommended that st	udents complete an e	entire physics series at
their commu	nity college that is	equivalent to the en	ntire UC Davis Physics 7A/B/C

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

#### END OF MAJOR

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

### Special Advising Note:

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

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

### **REQUIREMENTS FOR ADMISSION:**

(for 2019-20)

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

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

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

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

\* Students planning for the major biochemistry and molecular biology should

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

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

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

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

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

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

# College Foreign Language Requirement Note:

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

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

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

BIOLSCI 2A	Intro Biology:Life on	(5) BIOL 210A	Introduction to the (4)
	Earth		Biological Sciences I

BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 2    BIOL 2		Biological Sciences I Introduction to the (4) Biological Sciences
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life		  BIOL 2   	210B	II Introduction to the (4) Biological Sciences II
CHEM 2A	Genl Chemistry	(5)	CHEM 2	200	<u>&amp;</u> General Chemistry I - (3)
			  CHEM 2 	2001	Lecture General Chemistry I - (2) Laboratory
CHEM 2B	Genl Chemistry	(5)	CHEM 2	200	<u>▲</u> General Chemistry I - (3)
			CHEM 2	200L	Lecture <u>&amp;</u> General Chemistry I - (2) Laboratory
			  CHEM 2	201	Laboratory <u>&amp;</u> General Chemistry II (3) - Lecture
			CHEM 2		
CHEM 8A	Organic Chem-Brief	(2)		130	<u>&amp;</u> Introduction to (3) Organic and Biological Chemistry
			CHEM ]   	130L	Introduction to (1) Organic and Biological Chemistry Laboratory
CHEM 8B	Organic Chem-Brief	(4)	  CHEM ]   	130	<u>A</u> Introduction to (3) Organic and Biological Chemistry
			CHEM ]     	130L	Introduction to (1) Organic and Biological Chemistry Laboratory
MATH 17A	Calculus for BioSci	(4)			ARTICULATED: College has not course(s) for articulation
МАТН 17В	Calculus for Biosci <b>OR</b>	(4)	NO COU	JRSE	ARTICULATED: College has not course(s) for articulation OR
MATH 21A	-	(4)	MATH 1	150	Calculus with Analytic (5)
MATH 21B					Geometry I Calculus with Analytic (4) Geometry II
PHYSICS 1A PHYSICS 1B	Principles Physics Principles Physics	(3) (3)	NO CON	MPARA MPARA	
	REC	OMME	NDED:		
MATH 17C	Calculus for BioSci		NO COU		ARTICULATED: College has not course(s) for articulation
MATH 21C	<b>OR</b> Calculus	(4)			<b>OR</b> Calculus with Analytic (4) Geometry III

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

Special Advising Note:

The following majors in the College of the Biological Sciences--biochemistry and

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

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

# **REQUIREMENTS FOR ADMISSION:**

#### (for 2019-20)

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

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

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

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

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

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

### Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

available iit	Jui Jui IAG website.					
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	  BIOL 	210A		Introduction to the (4) Biological Sciences I
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL	210A	<u>&amp;</u>	Introduction to the (4) Biological Sciences I
			BIOL	210B		Introduction to the (4) Biological Sciences II
	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL	210B		Introduction to the (4) Biological Sciences II
		(5)	İ		<u>&amp;</u>	General Chemistry I - (3) Lecture
			İ	200L		General Chemistry I - (2) Laboratory
CHEM 2B Ge	enl Chemistry	(5)	CHEM		-	General Chemistry I - (3) Lecture
			ĺ		-	General Chemistry I - (2) Laboratory
			ĺ	201 201L	-	General Chemistry II (3) - Lecture General Chemistry II (2)
CHEM 2C C	enl Chemistry	(5)	İ			- Laboratory General Chemistry II (2)
	ent chemistry	(5)	ĺ	201 201L	_	- Lecture General Chemistry II (2)
			Спым   	2011		- Laboratory
CHEM 8A O	rganic Chem-Brief	(2)	CHEM   	130		
			   CHEM 	130L		Introduction to (1) Organic and
						Biological Chemistry Laboratory
CHEM 8B O:	rganic Chem-Brief	(4)	CHEM	130	<u>&amp;</u>	Introduction to (3) Organic and
			CHEM	130L		Biological Chemistry Introduction to (1)
						Organic and Biological Chemistry Laboratory
CHEM 118A	<b>OR</b> Org Chem, Hlth & Sci	(4)	   CHEM 	231	<u>&amp;</u>	OR Organic Chemistry I - (3) Lecture
			I			LCCCALC

CHEM 231L Organic Chemistry I (2) Laboratory CHEM 118B Org Chem, Hlth & Sci (4) CHEM 231 & Organic Chemistry I - (3) Lecture CHEM 231L & Organic Chemistry I (2) Laboratory CHEM 233 & Organic Chemistry II (3) - Lecture CHEM 233L Organic Chemistry II (2) Laboratory CHEM 118C Org Chem, Hlth & Sci (4) CHEM 233 & Organic Chemistry II (3) - Lecture CHEM 233L Organic Chemistry II (2) Laboratory \_\_\_\_\_ MATH 17A Calculus for BioSci (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation 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 (4) MATH 150 Calculus with Analytic (5) Geometry I (4) MATH 151 Calculus with Analytic (4) MATH 21B Calculus Geometry II \_\_\_\_\_ (4)|PHYS 125 <u>&</u> General Physics PHYSICS 7A General Physics (5) PHYS 126 General Physics II (4) PHYS 125 **&** General Physics (5) PHYSICS 7B General Physics (5) PHYS 126 General Physics II (5) PHYSICS 7C General Physics (4) PHYS 125 🍇 General Physics (5) PHYS 126 General Physics II (5) 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: (4) | MATH 252 Calculus with Analytic (4) | Geometry III MATH 21C Calculus \_\_\_\_\_ END OF MAJOR ====Fiber & Polymer Science B.S.==== IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS: The undergraduate major Fiber and Polymer Science in the College of Agricultural and Environmental Sciences is suspended for 2018 and 2019 applicants, and TAGs will not be available. The minor in Fiber and Polymer Science remains available to applicants. \_\_\_\_\_ CHEM 2A Genl Chemistry (5) | CHEM 200 <u>&</u> General Chemistry I - (3) Lecture CHEM 200L General Chemistry I - (2) Laboratory The undergraduate major Fiber and Polymer Science in the College of Agricultural

and Environmental Sciences has been suspended for fall 2017 applicants, and fall 2017 TAGs will not be available. The minor in Fiber and Polymer Science will remain available to these applicants. Fall 2017 applicants are encouraged to consider the Textiles and Clothing major, Textile Science option.

CHEM 2B	Genl	Chemistry	(5)	CHEM	200	<u>&amp;</u>	General Chemistry I - (3) Lecture
				CHEM	200L	<u>&amp;</u>	General Chemistry I - (2) Laboratory
				  CHEM	201	<u>&amp;</u>	1
				   CHEM 	201L		
CHEM 2C	Genl	Chemistry	(5)	  CHEM 	201	<u>&amp;</u>	-
				CHEM	201L		
B) ENG CS (	15	Intro to Computers	(4)	CISC 	181		Principles of (4) Information Systems
		OR					OR
ENG CS 36A Formerly	-	5	(4)	CISC			JAVA Programming (4)
-	-			CISC	192		C/C++ Programming (4)

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

MATH 16A	Short Calculus	(3)	MATH 	121	Basic Techniques of (3) Applied Calculus I	
MATH 16B	Short Calculus	(3)	MATH	122	Basic Techniques of (3) Calculus II	
МАТН 16С	Short Calculus	(3)	MATH 	122	Basic Techniques of (3) Calculus II	
	OR				OR	
MATH 21A	Calculus	(4)	MATH	150	Calculus with Analytic (5) Geometry I	
MATH 21B	Calculus	(4)	MATH 	151	Calculus with Analytic (4) Geometry II	
MATH 21C	Calculus	(4)	MATH 	252	Calculus with Analytic (4) Geometry III	
PHYSICS 7A	General Physics	(4)	PHYS	125 <u>&amp;</u>	General Physics (5)	
			PHYS	126	General Physics II (5)	ļ
PHYSICS 7B	General Physics	(4)	PHYS	125 <b>&amp;</b>	-	
	1	. ,		126	General Physics II (5)	
PHYSICS 7C	General Physics	(4)	!	125 <b>&amp;</b>	—	
	<b>4</b>	、 /	PHYS		General Physics II (5)	
					· · · · · · · · · · · · · · · · · · ·	

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 Class	sical Physics	(5)	PHYS	195	Mechanics	(5)
PHYSICS 9B Class	sical Physics	(5)	PHYS	196 <u>&amp;</u>	Electricity and	(5)
					Magnetism	
			PHYS	197	Waves, Optics and	(5)
					Modern Physics	
PHYSICS 9C Class	sical Physics	(5)	PHYS	196	Electricity and	(5)
					Magnetism	

	Elementary Statistics : STATIST 13Y	(4)		Biological Statistics	(3)
Salle as	· SIALISI ISI		<u>OR</u>  MATH 119	Elementary Statistics	(3)
				Behavioral Science Statistics	(3)
TEX&CL 6	Intro Textiles	(4)	NO COMPARA		
	Textile Apparel Ind OR				
	Prop of Mats		İ	Properties of Materials	(3)
			GRADUATION		
		1 010			
CHEM 128A	Organic Chemistry	(3)	CHEM 231 	Organic Chemistry I - Lecture	(3)
CHEM 128B	Organic Chemistry	(3)	CHEM 231 &	Organic Chemistry I - Lecture	(3)
			CHEM 233		(3)
CHEM 128C	Organic Chemistry	(3)	CHEM 233		(3)
CHEM 129A	Organic Chem Lab	(2)	CHEM 231L		(2)
CHEM 129B	Organic Chem Lab	(2)	CHEM 231L	<u>a</u> Organic Chemistry I Laboratory	(2)
			CHEM 233L	Organic Chemistry II Laboratory	(2)
	FT.FCT	'T\76'	COURSES:		
ECON 1A	Princ of Microecon		ECON 121	Principles of	(3)
20011 111		( = )		Microeconomics	(0)
ECON 1B	Princ of Macroecon	(4)	ECON 120	Principles of	(3)
				Macroeconomics	
 MATH 22A			MATH 254	Introduction to Linear	
	Differntl Equations			5	(3)
PL SCI 21	Computers in Technology	(3)	NO COMPARA		

END OF MAJOR

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

### ====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 <u>highly recommended</u> that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

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 <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> for details regarding UC Davis TAG.

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

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

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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 U<u>C Transfer Admission website</u>. The courses used for the A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

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

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

COMUNCN 1	Intro Public Spkg	(4)	   сомя	103	Oral Communication (3
MATH 16A	Short Calculus	(3)	MATH 	121	Basic Techniques of (3 Applied Calculus I
MATH 16B	Short Calculus	(3)	MATH	122	
MATH 16C	Short Calculus	(3)	MATH   	122	Basic Techniques of (3 Calculus II
	Intro Biology:Life on Earth				
					<u>&amp;</u> General Chemistry I - (3 Lecture
			CHEM	200L	General Chemistry I - (2 Laboratory
CHEM 2B	Genl Chemistry	(5)	CHEM	200	<u>&amp;</u> General Chemistry I - (3 Lecture
			CHEM	200L	<u>&amp;</u> General Chemistry I - (2 Laboratory
			CHEM	201	<u>&amp;</u> General Chemistry II (3 - Lecture
			CHEM	201L	
CHEM 2C	Genl Chemistry	(5)	  CHEM 	201	<u>&amp;</u> General Chemistry II (3 - Lecture
			CHEM 	201L	General Chemistry II (2 - Laboratory
CHEM 8A	Organic Chem-Brief	(2)	   СНЕМ 	130	<u>A</u> Introduction to (3 Organic and
					Biological Chemistry
	AND		CHEM     	130L	Introduction to (1 Organic and Biological Chemistry Laboratory AND
CHEM 8B	Organic Chem-Brief	(4)	CHEM	130	Introduction to (3 Organic and Biological Chemistry
	OR		CHEM	130L	Introduction to (1 Organic and Biological Chemistry Laboratory OR
CHEM 118A	Org Chem, Hlth & Sci	(4)	  CHEM 	231	Organic Chemistry I - (3) Lecture
	AND		  CHEM 	231L	Organic Chemistry I (2 Laboratory AND
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM	231	Corganic Chemistry I - (3) Lecture
			CHEM	231L	

			CHEM	233 <u></u>	Organic Chemistry II - Lecture	(3)
	OR		CHEM	233L		(2)
CHEM 128A	Organic Chemistry	(3)	CHEM	231	Organic Chemistry I - Lecture AND	(3)
CHEM 128B	Organic Chemistry	(3)	CHEM 	231 <u>&amp;</u>		(3)
	AND		CHEM	233	Organic Chemistry II - Lecture <b>AND</b>	(3)
CHEM 129A	Organic Chem Lab	(2)	CHEM		Organic Chemistry I Laboratory	
PHYSICS 7A	General Physics	(4)			General Physics	(5)
PHYSICS 7B	General Physics	(4)	PHYS		General Physics	(5) (5)
PHYSICS 7C	General Physics	(4)	PHYS	125 <u>&amp;</u>	General Physics	(5) (5)
series may	be required to take addit will need to meet with a	cional	physi	ics cou	urses upon arrival at UC	e
series befo series may Davis, and physics.	re transferring. Students be required to take addit	UC Da	physi vis ac	ics cou lvisor	rses upon arrival at UC before continuing with	е 
series befo series may Davis, and physics.  FD S&T 50  STATIST 13	re transferring. Students be required to take addit will need to meet with a	UC Dav UC Dav n (3)	physi vis ac  NO CC	ics cou lvisor DMPARAH	urses upon arrival at UC before continuing with BLE COURSE	
series befo series may Davis, and physics.  FD S&T 50  STATIST 13	re transferring. Students be required to take addit will need to meet with a Intro Food Preservation Elementary Statistics	UC Dav UC Dav n (3)	physi vis ac  NO CC  BIOL	ics cou dvisor DMPARAH 200 <u>2</u> 119	urses upon arrival at UC before continuing with BLE COURSE Biological Statistics	
series befo series may Davis, and physics.  FD S&T 50  STATIST 13	re transferring. Students be required to take addit will need to meet with a Intro Food Preservation Elementary Statistics	UC Dav UC Dav n (3)	physi vis ac  NO CC  BIOL   <u>OI</u>  MATH	ics cou lvisor  200 2 119 2	Biological Statistics	(3)
series befo series may Davis, and physics. FD S&T 50 STATIST 13 Same as:	re transferring. Students be required to take addit will need to meet with a Intro Food Preservation Elementary Statistics	UC Dav UC Dav (3) (4)	physi vis ac  NO CC  BIOL   <u>OI</u>  MATH   <u>OI</u>	ics cou dvisor DMPARAH 200 2 119 2 258	Biological Statistics Behavioral Science Statistics	(3)
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series befo series may Davis, and physics. FD S&T 50 STATIST 13 Same as: NUTR 10 RECOMMEND	re transferring. Students be required to take addit will need to meet with a Intro Food Preservation Elementary Statistics STATIST 13Y Discoveries and Concepts Discoveries and Concepts Org Chem, Hlth & Sci Org Chem, Hlth & Sci	(4)	physi vis ac  NO CC  BIOL   OI  MATH   OI  PSYC    NUTR  CHEM    CHEM 	ics cou lvisor DMPARAH 200 200 2119 258 150 GRADUA 233 4	Arses upon arrival at UC before continuing with BLE COURSE Biological Statistics Elementary Statistics Behavioral Science Statistics Nutrition ATE OR PROFESSIONAL STUDI Corganic Chemistry II Laboratory OR Organic Chemistry II - Lecture	(3) (3) (3) (3) (3) (3) (3) (2)
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series befo series may Davis, and physics. FD S&T 50 STATIST 13 Same as: NUTR 10 RECOMMEND CHEM 118C CHEM 128C	re transferring. Students be required to take addit will need to meet with a Intro Food Preservation Elementary Statistics STATIST 13Y Discoveries and Concepts Discoveries and Concepts Org Chem, Hlth & Sci Org Chem, Hlth & Sci	(3) (3) (3) (3)	physi vis ac  NO CC  BIOL   OI  MATH   PSYC    NUTR   CHEM    CHEM    CHEM    CHEM	ics cou dvisor DMPARAE 200 200 258 119 258 150 233 233L 233L	arses upon arrival at UC before continuing with BLE COURSE Biological Statistics Elementary Statistics Behavioral Science Statistics Nutrition ATE OR PROFESSIONAL STUDI Corganic Chemistry II - Lecture Organic Chemistry II Laboratory OR Organic Chemistry II - Lecture AND Organic Chemistry I - Lecture Organic Chemistry I - Lecture AND Organic Chemistry I -	(3) (3) (3) (3) (3) <b>ES:</b> (3) (2) (3)

END OF MAJOR

Special Advising Note:

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

Transfer students are strongly advised to complete as many preparatory courses

as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move 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 <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> for details regarding UC Davis TAG.

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

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

# College Foreign Language Requirement Note:

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

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

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

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

FRENCH 1	Elementary French	(5) FREN 101 First	Course in French (5)
FRENCH 2	Elementary French	(5) FREN 101 <u>&amp;</u> First	Course in French (5)
		FREN 102 Secon	d Course in (5)
		Frenc	h
FRENCH 3	Elementary French	(5) FREN 102 Secon	d Course in (5)
		Frenc	h
FRENCH 21	Intermed French	(5) FREN 201 Third	Course in French (5)
FRENCH 22	Intermed French	(5) FREN 202 Fourt	h Course in (5)
		Frenc	h
FRENCH 23	Intermed French	(5) NO COMPARABLE COU	RSE

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 LowerDivision 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.

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# Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

### TWO COURSES FROM THE FOLLOWING:

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AF-AMST 10 Af-Am Cu	ilture & Soc	(4)	) NO COMPARABLE COURSE
AF-AMST 17 Women ir	n Africa	(4)	) NO COMPARABLE COURSE
AMR STD 21 Objects	& Everyday Life	(4)	) NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
AMR STD 30 Amr Imag	ges Pop Cult	(4)	) NO COMPARABLE COURSE
ANTHRO 2 Cultural Ar	nthropology	(5)	) ANTH 103 Introduction to (3)
			Cultural Anthropology
ANTHRO 20 Comparati	ive Cultures	(4)	NO COMPARABLE COURSE
ANTHRO 30 Sexualiti	les	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
A A STD 1 Hist Exp	Asian Am	(4)	NO COMPARABLE COURSE
A A STD 2 Contemp 1	Issues of Asian		NO COMPARABLE COURSE
Americans	3		
CHICANO 10 Intro to	o Chic Std	(4)	CHIC 110A Introduction to (3)
			Chicano Studies
			OR
			CHIC 110B Introduction to (3)
			Chicano Studies
CHICANO 21 Hlth Car	re Issues	(4)	NO COMPARABLE COURSE
CHICANO 50 Chicano	Culture		CHIC 135 Chicana/o Literature (3)
COMPLIT 12 Intro Wo	omen Writers		NO COMPARABLE COURSE
DRAMART 1 Theatre,	Performance and		) NO COMPARABLE COURSE
Culture		. ,	
ENGLISH 3 Intro to	Lit	(4)	ENGL 105 Composition and (3)
		. ,	Literature
HISTORY 72A Am Wome	en & Gender	(4)	NO COMPARABLE COURSE
	en & Gender		) NO COMPARABLE COURSE
	Mach/Amer		) NO COMPARABLE COURSE
N A STD 10 NA Exper			) NO COMPARABLE COURSE
	c & Dance		) NO COMPARABLE COURSE
POL SCI 7 Law & Pol	litics	(4)	) NO COMPARABLE COURSE
PSYCH 1 General Psy	vchology		PSYC 101 General Psychology (3)
	l & Tech Std		NO COMPARABLE COURSE
SCI&TEC 2 Intro Hist	cory of Science	(4)	•
SCI&TEC 20 Sci & Te	ec Std Methods	(4)	NO COMPARABLE COURSE
SCI&TEC 32 Drugs, S	Science and	(4)	NO COURSE ARTICULATED: College has not
Culture			submitted course(s) for articulation
Same as: ANTHRO 32			
SOCIOL 2 Self and S	Society	(4)	PSYC 166 Introduction to Social (3)
			Psychology
SOCIOL 3 Social Pro	oblems	(4)	) SOCO 110 Contemporary Social (3)
			Problems
SOCIOL 11 Sociology	y of Labor and	(4)	NO COURSE ARTICULATED: College has not
Employmer	nt		submitted course(s) for articulation
SOCIOL 30A Multicul	Ltural Societies	(3)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
SOCIOL 30B Multicul	ltural Societies	(3)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
TEX&CL 7 Style & Cu	ilt Std	(4)	NO COMPARABLE COURSE
UWRITING 49 Writing Re	esearch Papers	(4)	NO COMPARABLE COURSE
Formerly UWRITING 19	-		
WOM STD 20 Cult Rep	or of Gndr	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
END OF MAJOR			

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

# Special Advising Note:

The following majors in the College of the Biological Sciences--biochemistry and molecular biology; biological sciences; cell biology; evolution, ecology, and

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

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

# REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

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

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

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

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

#### Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL	210A	Introduction to the (4) Biological Sciences I
BIOLSCI 2B		(5)	BIOL	210A	▲ Introduction to the (4)
	& EVOLUCION		  BIOL 	210B	Biological Sciences I Introduction to the (4) Biological Sciences II
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life		BIOL   	210B	Introduction to the (4) Biological Sciences II
CHEM 2A	Genl Chemistry	(5)	   СНЕМ 	200	<u>&amp;</u> General Chemistry I - (3) Lecture
			CHEM	200L	General Chemistry I - (2) Laboratory
CHEM 2B	Genl Chemistry	(5)	CHEM	200	<u>&amp;</u> General Chemistry I - (3) Lecture
			CHEM	200L	▲ General Chemistry I - (2) Laboratory
			CHEM 	201	▲ General Chemistry II (3) - Lecture
			CHEM 		- Laboratory
CHEM 2C	Genl Chemistry	(5)	CHEM 	201	▲ General Chemistry II (3) - Lecture
			CHEM	201L	General Chemistry II (2) - Laboratory
	OR	<i>.</i>			OR
CHEM 2AH	Honors Genl Chemistry	(5)			ARTICULATED: College has not course(s) for articulation
CHEM 2BH	Honors Genl Chemistry	(5)			ARTICULATED: College has not
0		(0)			course(s) for articulation
CHEM 2CH	Honors Genl Chemistry	(5)			ARTICULATED: College has not
			•		course(s) for articulation
CHEM 8A	Organic Chem-Brief	(2)			<u>&amp;</u> Introduction to (3) Organic and
					Biological Chemistry
			CHEM   	130L	Introduction to (1) Organic and Biological Chemistry
CHEM 8B	Organic Chem-Brief	( <b>4</b> )	CHEM	130	Laboratory & Introduction to (3)
	or junite enem price	( 1 )		100	Organic and Biological Chemistry
			CHEM	130L	Introduction to (1)

	OR		Organic and Biological Chemistry Laboratory OR
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 231 <u>&amp;</u> Organic Chemistry I - (3) Lecture
			CHEM 231L Organic Chemistry I (2) Laboratory
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 231 & Organic Chemistry I - (3) Lecture
			CHEM 231L <u>&amp;</u> Organic Chemistry I (2) Laboratory
			CHEM 233 <u>&amp;</u> Organic Chemistry II (3) - Lecture
			CHEM 233L Organic Chemistry II (2) Laboratory
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 233 <u>&amp;</u> Organic Chemistry II (3) - Lecture
			CHEM 233L Organic Chemistry II (2) Laboratory
 МАТН 17А	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	(4)	MATH 150 Calculus with Analytic (5) Geometry I
MATH 21B	Calculus	(4)	MATH 151 Calculus with Analytic (4) Geometry II
PHYSICS 7A	General Physics	(4)	PHYS 125 & General Physics (5)
PHYSICS 7B	General Physics	(4)	PHYS 126General Physics II(5)PHYS 125& General Physics(5)PHYS 126General Physics II(5)
PHYSICS 7C	General Physics	(4)	PHYS 125 & General Physics (5)
			PHYS 126 General Physics II (5) mplete 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 252	Calculus with Analytic (4)
			Geometry III

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 <u>highly recommended</u> that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. See the

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

# Transfer Admission Guarantee (TAG) Note:

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

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

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GEOLOGY 3 History of Life GEOLOGY 3L History of Life Lab i) GEOLOGY 50 Physical Geology	
GEOLOGY 50L Physical Geol Lab	(2) GEOL 101 Physical Geology (1) Laboratory
GEOLOGY 60 Earth Materials: Intro	(4) NO COMPARABLE COURSE
MATH 16A Short Calculus	(3) MATH 121 Basic Techniques of (3) Applied Calculus I
MATH 16B Short Calculus	(3) MATH 122 Basic Techniques of (3) Calculus II
OR	OR
MATH 21A Calculus	(4)   MATH 150 Calculus with Analytic (5)   Geometry I
MATH 21B Calculus	(4)  MATH 151 Calculus with Analytic (4)   Geometry II
CHEM 2A Genl Chemistry	(5) CHEM 200 <u>&amp;</u> General Chemistry I - (3) Lecture
	CHEM 200L General Chemistry I - (2)

Laboratory (5) CHEM 200 <u>&</u> General Chemistry I - (3) CHEM 2B Genl Chemistry Lecture CHEM 200L & General Chemistry I - (2) Laboratory CHEM 201 & General Chemistry II (3) - Lecture CHEM 201L General Chemistry II (2) - Laboratory \_\_\_\_\_ PHYSICS 7A General Physics (4) PHYS 125 <u>&</u> General Physics (5)PHYS 126 General Physics II (5) (4)|PHYS 125 & General Physics PHYSICS 7B General Physics (5) PHYS 126 General Physics II (5)

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

STATIST	13	Elementary	Statistics	(4)	  BIOL	200	Biological	Statistics	(3)
Same	as:	STATIST 13Y			0     MATH	119	Elementary	Statistics	(3)
		OR			<u>01</u>  PSYC 	-	Behavioral Statistics <b>OR</b>	Science	(3)
STATIST	32	Gateway to Da	ata Science	(4)	NO CO	OMPARABI	LE COURSE		

END OF MAJOR

i) If a student takes GEOL 100 at San Diego Mesa College, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.

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

# Special Advising Note:

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

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

# Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

GEOLOGY 3 History of Life GEOLOGY 3L History of Life Lab i) GEOLOGY 50 Physical Geology GEOLOGY 50L Physical Geol Lab GEOLOGY 60 Earth Materials:Intro GEOLOGY 62 Optical Mineralogy	(1) NO COMPARABLE COURSE (3) GEOL 100 Physical Geology (	(1) not
MATH 21A Calculus	(4)   MATH 150 Calculus with Analytic ( Geometry I	(5)
MATH 21B Calculus	(4) MATH 151 Calculus with Analytic ( Geometry II	(4)
MATH 21C Calculus	(4) MATH 252 Calculus with Analytic ( Geometry III	(4)
CHEM 2A Genl Chemistry	(5) CHEM 200 <u>&amp;</u> General Chemistry I - (   Lecture	(3)
	CHEM 200L General Chemistry I - (   Laboratory	2)
CHEM 2B Genl Chemistry	(5) CHEM 200 <u>&amp;</u> General Chemistry I - ( Lecture	3)
	CHEM 200L <u>&amp;</u> General Chemistry I - ( Laboratory	2)
	CHEM 201 <u>&amp;</u> General Chemistry II ( - Lecture	(3)
	CHEM 201L General Chemistry II ( Laboratory	(2)

SELECT ONE OF THE FOLLOWING THREE OPTIONS:

#### GENERAL GEOLOGY OPTION:

CHEM 2C	Genl Chemistry	(5)	CHEM	201	<u>&amp;</u>	Genera	l Chemistry I	I (3)
						- Lecti	ure	
			CHEM	2011	_	Genera	l Chemistry I	I (2)
						- Labor	ratory	
STATIST 32	Gateway to Data Science	(4)	NO CO	OMPAF	RABL	E COURSI	E	
PHYSICS 7A	General Physics	(4)	PHYS	125	<u>&amp;</u>	General	Physics	(5)
			PHYS	126		General	Physics II	(5)
PHYSICS 7B	General Physics	(4)	PHYS	125	&	General	Physics	(5)
			PHYS	126		General	Physics II	(5)
PHYSICS 7C	General Physics	(4)	PHYS	125	&	General	Physics	(5)
			PHYS	126		General	Physics II	(5)
It is highly	y recommended that studer	nts com	mplete	e an	ent	ire phys	sics series a	t

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

± 1	OR	OR	
PHYSICS 9A	Classical Physics	(5) PHYS 195 Mechanics	(5)
PHYSICS 9B	Classical Physics	(5) PHYS 196 $\underline{\mathbf{k}}$ Electricity and	(5)
		Magnetism	
		PHYS 197 Waves, Optics an	d (5)
		Modern Physics	
PHYSICS 9C	Classical Physics	(5)   PHYS 196 Electricity and	(5)
		Magnetism	

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

## GEOCHEMISTRY/PETROLOGY OPTION:

CHEM 2C	Genl Chemistry	(5)	CHEM	201	<u>&amp;</u>	General Chemistry II - Lecture	(3)
			  CHEM 	201L			(2)
STATIST 32	Gateway to Data Science	(4)	NO CO	OMPARA	ABL	E COURSE	
MATH 21D	Vector Analysis	(4)	MATH	252		Calculus with Analytic	(4)
						Geometry III	
PHYSICS 9A	Classical Physics	(5)	PHYS	195		Mechanics	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS	196 <mark>8</mark>	<u>-2</u>	Electricity and	(5)
				_		Magnetism	
			PHYS	197		Waves, Optics and	(5)
						Modern Physics	

#### QUANTITATIVE/GEOPHYSICS OPTION:

MATH 21D	Vector Analysis	(4)	MATH	252	Calculus with Analytic Geometry III	(4)
MATH 22A	Linear Algebra	(3)	MATH	254	Introduction to Linear Algebra	(3)
PHYSICS 9A	Classical Physics	(5)	PHYS	195	Mechanics	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS	196 <u>&amp;</u>	Electricity and	(5)
					Magnetism	
			PHYS	197	Waves, Optics and	(5)
					Modern Physics	
PHYSICS 9C	Classical Physics	(5)	PHYS	196	Electricity and Magnetism	(5)

END OF MAJOR

i) If a student takes GEOL 100 at San Diego Mesa College, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.

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

# Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis transfer admission website. UC Davis requires that students

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

#### Transfer Admission Guarantee (TAG) Note:

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

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

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

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### College Foreign Language Requirement Note:

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

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

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

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

GERMAN 1	Elementary German	(5) GERM 101	First Course in German (5)
GERMAN 2	Elementary German	(5) GERM 101 <u>&amp;</u>	First Course in German (5)
		GERM 102	Second Course in (5)
			German
GERMAN 3	Elementary German	(5) GERM 102	Second Course in (5)
			German
GERMAN 20	Intermediate German	(4) GERM 201	Third Course in German (5)
GERMAN 21	Intermediate German	(4) NO COMPARABLE COURSE	
GERMAN 22	Intermediate German	(4) NO COMPARAB	LE COURSE
		·	

END OF MAJOR

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

# Special Advising Note:

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

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 <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> for details regarding UC Davis TAG.

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

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

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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 U<u>C Transfer Admission website</u>. The courses used for the A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

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

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

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

GDISBIO 90	Intro Global Disease Bio	(1)		ltted	ARTICULATED: College has not course(s)for articulation
SCI&SOC 13	Disease and Society	(3)		DURSE	ARTICULATED:College has not course(s)for articulation
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	  BIOL 	210A	Introduction to the (4) Biological Sciences I
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL BIOL		Biological Sciences I
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life		  BIOL   	210B	
CHEM 2A	Genl Chemistry	(5)	   СНЕМ 	200	<u>E</u> General Chemistry I - (3) Lecture
			CHEM	200L	
CHEM 2B	Genl Chemistry	(5)	CHEM	200	<u>&amp;</u> General Chemistry I - (3) Lecture
			CHEM	200L	<u>&amp;</u> General Chemistry I - (2) Laboratory
			CHEM	201	General Chemistry II (3) - Lecture
			CHEM 	201L	- Laboratory
CHEM 2C	Genl Chemistry	(5)	CHEM		- Lecture
			CHEM 	201L	General Chemistry II (2) - Laboratory
CHEM 8A	Organic Chem-Brief	(2)	CHEM   		
			CHEM	130L	
CHEM 8B	Organic Chem-Brief	(4)	CHEM   	130	Introduction to (3) Organic and Biological Chemistry
	OR		CHEM     	130L	Introduction to (1) Organic and Biological Chemistry Laboratory OR
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM	231	Organic Chemistry I - (3) Lecture
			CHEM	231L	Organic Chemistry I (2) Laboratory
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM	231	▲ Organic Chemistry I - (3)

			Lecture CHEM 231L <u>&amp;</u> Organic Chemistry I (2) Laboratory
			CHEM 233 <u>&amp;</u> Organic Chemistry II (3) - Lecture
			CHEM 233L Organic Chemistry II (2) Laboratory
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
PHYSICS 7A	General Physics	(4)	PHYS 125 & General Physics(5)PHYS 126General Physics II(5)
PHYSICS 7B	General Physics	(4)	PHYS 125 & General Physics(5)PHYS 126General Physics II(5)
their commu series befo series may	nity college that is equiv ore transferring. Students be required to take additi	valen who ional	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

### PREPARATION FOR GRADUATION:

STATIST 13	Elementary	Statistics	(4) BIOL 200	Biological	Statistics	(3)
Same as:	STATIST 13Y		OR			
			MATH 119	Elementary	Statistics	(3)
			OR			
			PSYC 258	Behavioral	Science	(3)
				Statistics		

END OF MAJOR

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

## Special Advising Note:

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

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

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

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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

		(4) NO COURSE ARTICULATED (4) NO COURSE ARTICULATED	
		ASIA	
	Indian Civilization	I	
HISTORY 9A	East Asian Civ	(4) NO COMPARABLE COURSE	
		(4) NO COMPARABLE COURSE	
	С. Е	UROPE	
	Western Civ	(4) NO COMPARABLE COURSE	(2)
HISTORY 4B	Western Civ	(4) HIST 105 & Introduction to	
		Western Civilization I	
		HIST 106 Introduction to	(3)
		Western Civilization	
		II	
HISTORY 4C	Western Civ	(4)   HIST 106 Introduction to	(3)
		Western Civilization	
		II	
	D. LATI	N AMERICA	
HISTORY 7A	Latin America to 1700	(4)   HIST 115A History of the	(3)
		Americas I	
HISTORY 7B	Latin America 1700-1900	(4) HIST 115B History of the	(3)
		Americas II	( = )
HISTORY 7C	Latin America	(4) NO COURSE ARTICULATED: College has	not
	1900-Present	submitted course(s) for articulatio	
	1700 FIEDenic		

#### E. MIDDLE EAST

111010111 0	5	Intro to Middle East	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
F. UNITED STATES						
HISTORY 1	L7A	U.S. History	(4)	HIST 109 History of the United (3) States I		
HISTORY 1	L7В	U.S. History	(4)	HIST 110 History of the United (3) States II		
HISTORY 1	A8	Race in America to 1865	(4)	NO COURSE ARTICULATED		
HISTORY 7	72A	Am Women & Gender	(4)	NO COMPARABLE COURSE		
HISTORY 7	72B	Am Women & Gender				
HISTORY 8		US in the Middle East	(2)	NO COMPARABLE COURSE NO COURSE ARTICULATED: College has not		
				submitted course(s)for articulation		
		Nat,Man&Mach/Amer				
		G.	WORI			
HISTORY 1	L	Introduction to History	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
UT OTODY O	) Tr	two Tistowe of Osiones	( 1 )			
HISIORI Z	5 <u> </u>	tro History of Science	(4)	NO COURSE ARTICULATED		
	3	Cities: Survey of World Cultures	• •	NO COURSE ARTICULATED NO COMPARABLE COURSE		
HISTORY 3	3	Cities: Survey of World Cultures	(4)	NO COMPARABLE COURSE		
HISTORY 3 HISTORY 1	BLOA	Cities: Survey of World Cultures World History to 1350	(4) (4)			
HISTORY 3 HISTORY 1 HISTORY 1	B LOA LOB	Cities: Survey of World Cultures World History to 1350 World History 1350-1850	(4) (4) (4)	NO COMPARABLE COURSE HIST 100 World History I (3) HIST 100 & World History I (3) HIST 101 World History II (3)		
HISTORY 3 HISTORY 1 HISTORY 1	B LOA LOB	Cities: Survey of World Cultures World History to 1350 World History 1350-1850	(4) (4) (4)	NO COMPARABLE COURSEHIST 100World History I(3)HIST 100& World History I(3)HIST 101World History II(3)HIST 101World History II(3)		
HISTORY 3 HISTORY 1 HISTORY 1	B LOA LOB	Cities: Survey of World Cultures World History to 1350 World History 1350-1850	(4) (4) (4)	NO COMPARABLE COURSE HIST 100 World History I (3) HIST 100 & World History I (3) HIST 101 World History II (3) HIST 101 World History II (3) OR HIST 105 Introduction to (3)		
HISTORY 3 HISTORY 1 HISTORY 1 HISTORY 1	B LOA LOB LOC	Cities: Survey of World Cultures World History to 1350 World History 1350-1850 World History III	(4) (4) (4) (4)	NO COMPARABLE COURSE HIST 100 World History I (3) HIST 100 & World History I (3) HIST 101 World History II (3) HIST 101 World History II (3) OR HIST 105 Introduction to (3) Western Civilization I		
HISTORY 3 HISTORY 1 HISTORY 1 HISTORY 1	B LOA LOB LOC	Cities: Survey of World Cultures World History to 1350 World History 1350-1850	(4) (4) (4) (4)	NO COMPARABLE COURSE HIST 100 World History I (3) HIST 100 & World History I (3) HIST 101 World History II (3) HIST 101 World History II (3) MIST 105 Introduction to (3) Western Civilization I NO COURSE ARTICULATED: College has not		
HISTORY 3 HISTORY 1 HISTORY 1 HISTORY 1 HISTORY 1	3 10A 10B 10C	Cities: Survey of World Cultures World History to 1350 World History 1350-1850 World History III Hist Jewish People	<pre>(4) (4) (4) (4) (4) (4)</pre>	NO COMPARABLE COURSE HIST 100 World History I (3) HIST 100 & World History I (3) HIST 101 World History II (3) HIST 101 World History II (3) MIST 101 World History II (3) OR HIST 105 Introduction to (3) Western Civilization I NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
HISTORY 3 HISTORY 1 HISTORY 1 HISTORY 1 HISTORY 1	3 10A 10B 10C	Cities: Survey of World Cultures World History to 1350 World History 1350-1850 World History III	<pre>(4) (4) (4) (4) (4) (4)</pre>	NO COMPARABLE COURSE HIST 100 World History I (3) HIST 100 & World History I (3) HIST 101 World History II (3) HIST 101 World History II (3) HIST 105 Introduction to (3) Western Civilization I NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not		
HISTORY 3 HISTORY 1 HISTORY 1 HISTORY 1 HISTORY 1 HISTORY 1	3 10A 10B 10C 11	Cities: Survey of World Cultures World History to 1350 World History 1350-1850 World History III Hist Jewish People	<pre>(4) (4) (4) (4) (4) (4) (4)</pre>	NO COMPARABLE COURSE HIST 100 World History I (3) HIST 100 & World History I (3) HIST 101 World History II (3) HIST 101 World History II (3) MIST 101 World History II (3) OR HIST 105 Introduction to (3) Western Civilization I NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
HISTORY 3 HISTORY 1 HISTORY 1 HISTORY 1 HISTORY 1 HISTORY 1 HISTORY 1 HISTORY 1	3 10A 10B 10C 11 12 13 14 14	Cities: Survey of World Cultures World History to 1350 World History 1350-1850 World History III Hist Jewish People Food and History Clobal Sexualities	<pre>(4) (4) (4) (4) (4) (4) (4) (4) (4)</pre>	NO COMPARABLE COURSE HIST 100 World History I (3) HIST 100 & World History I (3) HIST 101 World History II (3) HIST 101 World History II (3) HIST 101 World History II (3) OR HIST 105 Introduction to (3) Western Civilization I NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submited course(s) for articulation NO COURSE ARTICULATED: College has not submited course(s) for articulation NO COURSE ARTICULATED		
HISTORY 3 HISTORY 1 HISTORY 1 HISTORY 1 HISTORY 1 HISTORY 1 HISTORY 1	3 10A 10B 10C 11 12 13 14 14	Cities: Survey of World Cultures World History to 1350 World History 1350-1850 World History III Hist Jewish People Food and History	<pre>(4) (4) (4) (4) (4) (4) (4) (4) (4) (4)</pre>	NO COMPARABLE COURSE HIST 100 World History I (3) HIST 100 & World History I (3) HIST 101 World History II (3) HIST 101 World History II (3) HIST 101 World History II (3) OR HIST 105 Introduction to (3) Western Civilization I NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submited course(s) for articulation NO COURSE ARTICULATED: College has not submited course(s) for articulation NO COURSE ARTICULATED		

END OF MAJOR

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

## Special Advising Note:

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

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

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### Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

Select two of the following courses:

ANTHRO	1	Human	Evol	Biol

(4) ANTH 102

2 Introduction to (3) Physical Anthropology

ANTHRO 2 Cultural Anthropology (5) ANTH 103 Introduction to Cultural Anthropology (3) ANTHRO 15 Human Life Cycle (5) NO COMPARABLE COURSE \_\_\_\_\_ Select one course from: BIOLSCI 2A Intro Biology:Life on (5) BIOL 210A Introduction to the (4) Earth Biological Sciences I OR OR BIOLSCI 10 Everyday Biology (4) BIOL 107 General Biology - (4) Lecture and Laboratory OR OR MIC BIO 10 Natural History of (3) NO COURSE ARTICULATED: College has not Infectious Diseases submitted course(s) for articulation OR OR OR NE PH B 12 Human Brain and Disease (3) NO COURSE ARTICULATED: College has not submitted course(s) for articulation \_\_\_\_\_ MOL&CB 10 Intro Human Heredity (4) BIOL 130 Human Heredity (3) \_\_\_\_\_ Select one course from: HISTORY 17A U.S. History (4) |HIST 109 History of the United (3) States I OR OR (4) HIST 110 History of the United (3) HISTORY 17B U.S. History States II OR OR HISTORY 72A Am Women & Gender (4) NO COMPARABLE COURSE OR OR HISTORY 72B Am Women & Gender (4) NO COMPARABLE COURSE OR OR (4) POLI 102 The American Political (3) POL SCI 1 Amer Natl Govt System \_\_\_\_\_

# Select two of the following courses:

PHILOS 5	Critical Reasoning	(4)	PHIL 100 Logic and Critical (3) Thinking
PHILOS 15	Intro to Bioethics	(4)	NO COMPARABLE COURSE
PHILOS 30	Intro Philos of Sci	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
PHILOS 31	Scientific Reason	(4)	PHIL 112 Philosophy of Science (3)
PHILOS 32	Scientific Change	(4)	NO COMPARABLE COURSE
PHILOS 38	Intro Philos of Biol	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
NE PH B 10	Elem Human Physio	(3)	BIOL 235 Human Physiology (4)
PSYCH 1	General Psychology	(4)	PSYC 101 General Psychology (3)
			· 
	Select one of the		
PSYCH 41	Research Methods	(4)	PSYC 255 Introduction to (3)
			Psychological Research
	OR		OR
SOCIOL 46A	Intro Social Rsch	(4)	
	AND	<i>(</i> <b>–</b> )	AND
SOCIOL 46B		(5)	
	OR Chatiant Thislains	( 1 )	
STATIST 10	Statist Thinking <b>OR</b>	(4)	NO COMPARABLE COURSE
ርጥአጥተርጥ 1ን		$(\Lambda)$	
STALTST 13	Elementary Statistics	(4)	BIOL 200 Biological Statistics (3)

Same as: STATIST 13Y	OR		
	MATH 119	Elementary Statistics	(3)
	OR		
	PSYC 258	Behavioral Science	(3)
		Statistics	

END OF MAJOR

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

## Special Advising Note:

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

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 <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> for details regarding UC Davis TAG.

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

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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 U<u>C Transfer Admission website</u>. The courses used for the A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 	210A	Introduction to the (4) Biological Sciences I
BIOLSCI 2B		(5)	BIOL	210A <u>&amp;</u>	Introduction to the (4)
	& Evolution		   btot	210B	Biological Sciences I Introduction to the (4)
				2100	Biological Sciences
CHEM 2A	Genl Chemistry	(5)	   СНЕМ 	200 <u>&amp;</u>	General Chemistry I - (3) Lecture
			CHEM	200L	General Chemistry I - (2) Laboratory
CHEM 2B	Genl Chemistry	(5)	CHEM	200 <u>&amp;</u>	General Chemistry I - (3) Lecture
			CHEM	200L <u>&amp;</u>	General Chemistry I - (2) Laboratory
			CHEM	201 <u>&amp;</u>	General Chemistry II (3) - Lecture
			CHEM	201L	
		( = )		0.01	- Laboratory
CHEM 2C	Genl Chemistry	(5)	İ	_	General Chemistry II (3) - Lecture
			CHEM 	201L	General Chemistry II (2) - Laboratory
PHYSICS 9A	Classical Physics	(5)	PHYS	195	Mechanics (5)
PHYSICS 9B	Classical Physics	(5)	PHYS 	196 <u>&amp;</u>	Electricity and (5) Magnetism
			PHYS	197	Waves, Optics and (5) Modern Physics
PHYSICS 9C	Classical Physics	(5)	PHYS 	196	Electricity and (5) Magnetism
MATH 21A	Calculus	(4)	   MATH 	150	Calculus with Analytic (5) Geometry I
MATH 21B	Calculus	(4)	MATH	151	Calculus with Analytic (4)

					Geometry II	
MATH 21C	Calculus	(4) N	MATH	252	Calculus with Analytic	(4)
					Geometry III	
MATH 21D	Vector Analysis	(4) N	MATH	252	Calculus with Analytic	(4)
					Geometry III	
MATH 22A	Linear Algebra	(3) N	MATH	254	Introduction to Linear	(3)
					Algebra	
MATH 22B	Differntl Equations	(3) N	MATH	255	Differential Equations	(3)
i) GEOLOGY	50 Physical Geology	(3)	GEOL	100	Physical Geology	(3)
GEOLOGY 501	L Physical Geol Lab	(2)	GEOL	101	Physical Geology	(1)
					Laboratory	
ENGIN 6	Engr Prob Solving	(4) 1	NO CO	URSE AF	RTICULATED	
END OF MAJO	DR					

i) If a student takes GEOL 100 at San Diego Mesa College, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.

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

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

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

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

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INT AG 10	Intro Intl Ag Development	(4) NO COMPARABLE COURSE 	
PL SCI 2	Bot Physio Cul Plt	(4) NO COMPARABLE COURSE	
SOILSCI 10	Soils in Our Environment	(3) NO COMPARABLE COURSE	
ECON 1A	Princ of Microecon	(4) ECON 121 Principle   Microecon   <b>AND</b>	
ECON 1B	Princ of Macroecon	(4) ECON 120 Principle Macroecon	
	Elementary Statistics STATIST 13Y	(4) BIOL 200 Biologica   OR	l Statistics (3)
		MATH 119 Elementar   <b>OR</b>	y Statistics (3)
	OR	PSYC 258 Behaviora Statistic OR	l Science (3) s
SOCIOL 46B	Intro Social Rsch	(5) NO COMPARABLE COURSE	
MATH 16A	Short Calculus	(3) MATH 121 Basic Tec	hniques of (3)

Applied Calculus I

 CM&RGDE 1
 The Community
 (4) NO COMPARABLE COURSE

 SIX QUARTER UNITS FROM THE FOLLOWING:

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

 AN SCI 41
 Domestic Ani Prod
 (2) NO COMPARABLE COURSE

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

 CM&RGDE 20
 Food Systems
 (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation

 NUTR 10
 Discoveries and Concepts
 (3) NUTR 150
 Nutrition
 (3)

 PL SCI 1
 Agr Nature & Society
 (3) NO COMPARABLE COURSE

 PL SCI 15
 Intro Sustainable
 (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation

 PL SCI 49
 Org Crop Prod Prac
 (3) NO COURSE ARTICULATED: College has not submitted course(s) for articulation

### FOREIGN LANGUAGE REQUIREMENT:

Students must complete 15-quarter-unit level in one language or pass the foreign language proficiency examination. See <a href="http://llc.ucdavis.edu/foreign-language-placement-exams">http://llc.ucdavis.edu/foreign-language-placement-exams</a> .

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 AGRICULTURAL		-			N•	
BIOLSCI 2A Intro Biology:Life on	-			-	Introduction to the	(4)
Earth	(-)				Biological Sciences I	( - )
BIOLSCI 2B Intro Biology: Ecology	(5)	BIOL	210A	&	-	(4)
& Evolution					Biological Sciences I	
		BIOL	210B		Introduction to the	(4)
					Biological Sciences	
					II	
CHEM 2A Genl Chemistry	(5)	CHEM	200	<u>&amp;</u>	General Chemistry I -	(3)
			0007		Lecture	(0)
		CHEM	200L		General Chemistry I -	(2)
CHEM 2B Genl Chemistry	(5)	   СЧЕМ	200	5	Laboratory General Chemistry I -	(3)
CHEM 2D Geni Chemistry	(5)		200	<u>a</u>	Lecture	(5)
		CHEM	200L	&	General Chemistry I -	(2)
		ĺ		-	Laboratory	. ,
		CHEM	201	&	General Chemistry II	(3)
		İ			- Lecture	
		CHEM	201L		General Chemistry II	(2)
					- Laboratory	
TRADE AND ECONOM			PMENT	0P	TION:	
MATH 16B Short Calculus	(3)	MATH	122		Basic Techniques of	(3)
					Calculus II	
SOCIOL 1 Intro Sociology	(5)	SOCO	101		Principles of	(3)
					Sociology	
	(		100		OR Tatao du atri en tre	(2)
ANTHRO 2 Cultural Anthropology	(5)		103		Cultural Anthropology	(3)
AGRESEC 15 Pop,Envr,World Agri	(4)		OMPAR			
ENVIRONMEN						
BIOLSCI 2A Intro Biology:Life on	(5)	BIOL	210A			(4)
Earth	. – .				Biological Sciences I	
BIOLSCI 2B Intro Biology: Ecology	(5)	BIOL	210A	<u>&amp;</u>		(4)
& Evolution					Biological Sciences I	

ENV S&P 1	Env Analysis	(4)		Introduction to the Biological Sciences II ARTICULATED: College has course(s) for articulati	
	RURAL COM	MUNI	TIES OPTIO	N:	
SOCIOL 1	Intro Sociology	(5)	SOCO 101 	Principles of Sociology	(3)
anthro 2	Cultural Anthropology	(5)	ANTH 103 	Introduction to Cultural Anthropology	(3)

END OF MAJOR

#### ====International Relations 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 <a href="http://llc.ucdavis.edu/foreign-language-placement-exams">http://llc.ucdavis.edu/foreign-language-placement-exams</a> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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

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available from our fAG website.				
ANTHRO 2 Cultural Anthropology	(5)	ANTH 103   	Introduction to Cultural Anthropology <b>OR</b>	(3)
ECON 1A Princ of Microecon	(4)	ECON 121	Principles of Microeconomics	(3)
ECON 1B Princ of Macroecon	(4)	İ	Principles of Macroeconomics	(3)
HISTORY 4C Western Civ	(4)		Introduction to Western Civilization II	(3)
OR HISTORY 10C World History III	(4)	i i	<b>OR</b> World History II	(3)
		<u>OR</u>  HIST 105 	Introduction to Western Civilization I	(3)
POL SCI 2 Intro Comp Politics	(4)	POLI 103		
POL SCI 3 Internatl Relations	(4)	POLI 140 	Contemporary	
POL SCI 12Y Data Visualization Same as: COMUNCN 12Y, PSYCH 12Y su SOCIOL 12Y		NO COURSE	ARTICULATED: College has n	not
OR STATIST 13 Elementary Statistics	(4)	  BIOL 200	<b>OR</b> Biological Statistics	(3)
Same as: STATIST 13Y		<u>OR</u>  MATH 119   <b>OR</b>	Elementary Statistics	(3)
		PSYC 258	Behavioral Science Statistics	(3)
OR SOCIOL 46B Intro Social Rsch	(5)			
POL SCI 51 Scientific Study of Politics	(4)	NO COURSE	ARTICULATED: College has a course(s) for articulation	

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

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

ARABIC 1	Elementary Arabic	(5)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
ARABIC 2	Elem Arabic	(5)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
ARABIC 3	Elem Arabic	(5)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
ARABIC 21	Intermed Arabic	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
ARABIC 22	Intermed Arabic	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
ARABIC 23	Intermed Arabic	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
	OR		OR

x) CHINESE	1 Elem Chinese	(5)	CHIN 101 First Course in (5) Mandarin Chinese
x) CHINESE	2 Elem Chinese	(5)	CHIN 102 Second Course in (5) Mandarin Chinese
x) CHINESE	3 Elem Chinese	(5)	CHIN 201 Third Course Mandarin (5) Chinese
x) CHINESE	4 Inter Chinese	(5)	NO COMPARABLE COURSE
x) CHINESE			NO COMPARABLE COURSE
x) CHINESE	OR		NO COMPARABLE COURSE
x) CHINESE	· <u> </u>		NO COMPARABLE COURSE
x) CHINESE x) CHINESE	· <u> </u>		NO COMPARABLE COURSE NO COMPARABLE COURSE
A) CHINEDE	OR	(3)	OR
x) CHINESE	1BL Accl Wrtn Chinese I	(5)	NO COMPARABLE COURSE
x) CHINESE	2BL Accl Wrtn Chinese	(5)	NO COMPARABLE COURSE
x) CHINESE		(5)	NO COMPARABLE COURSE
	III OR		OR
FRENCH 1	Elementary French	(5)	FREN 101 First Course in French (5)
FRENCH 2	Elementary French		FREN 101 & First Course in French (5)
	-	. ,	FREN 102 Second Course in (5) French
FRENCH 3	Elementary French	(5)	FREN 102 Second Course in (5) French
FRENCH 21	Intermed French		FREN 201 Third Course in French (5)
FRENCH 22	Intermed French	(5)	FREN 202 Fourth Course in (5)
	OR		French OR
GERMAN 1	Elementary German	(5)	GERM 101 First Course in German (5)
GERMAN 2	Elementary German		GERM 101 & First Course in German (5)
	-	. ,	GERM 102 Second Course in (5)
			German
GERMAN 3	Elementary German	(5)	GERM 102 Second Course in (5) German
GERMAN 20	Intermediate German	(4)	GERM 201 Third Course in German (5)
GERMAN 21	Intermediate German		NO COMPARABLE COURSE
	OR		OR
HEBREW 1	Elem Hebrew		NO COMPARABLE COURSE
HEBREW 2	Elem Hebrew Elem Hebrew	. ,	NO COMPARABLE COURSE
HEBREW 3 HEBREW 21	Intermed Modern Hebrew I		NO COMPARABLE COURSE NO COURSE ARTICULATED: College has not
	Intermed Modern hebrew i	(1)	submitted course(s) for articulation
HEBREW 22	Intermed Modern Hebrew II	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
HEBREW 23	Intermed Modern Hebrew III OR	(4)	NO COURSE ARTICULATED
HIN-URD 1	Elem Hindi/Urdu I	(5)	NO COURSE ARTICULATED: College has not
		(-)	submitted course(s) for articulation
HIN-URD 2	Elem Hindi/Urdu II	(5)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
HIN-URD 3	Elem Hindi/Urdu III	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HIN-URD 21	Intermed Hindi/Urdu I	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
HIN-URD 22	Intermed Hindi/Urdu II	(4)	NO COURSE ARTICULATED: College has not
HIN-URD 23	Intermed Hindi/Urdu III	( 4 )	submitted course(s) for articulation
TITIN-OKD 23	Incermed Alliar/ JEau III	(+)	submitted course(s) for articulation
	OR		OR
ITALIAN 1	Elementary Italian	(5)	ITAL 101 First Course in (5)
			Italian

ITALIAN 2	Elementary Italian	(5)	ITAL 102 Second Course in (5)
ITALIAN 3	Elementary Italian	(5)	Italian  ITAL 201 Third Course in (5)
ITALIAN 4	Interm Italian	(4)	Italian NO COMPARABLE COURSE
ITALIAN 5	Interm Italian <b>OR</b>	(4)	NO COMPARABLE COURSE
ITALIAN 1	Elementary Italian	(5)	ITAL 101 First Course in (5)   Italian
ITALIAN 2	Elementary Italian	(5)	ITAL 102 Second Course in (5)   Italian
ITALIAN 3	Elementary Italian	(5)	ITAL 201Third Course in(5)Italian
ITALIAN 8A	Italian Convers	(3)	NO COURSE ARTICULATED: College has not
ITALIAN 8B	Italian Convers	(3)	<pre>submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation</pre>
	OR		OR
y) JPNESE 1	Elem Japanese	(5)	JAPN 101 <u>&amp;</u> First Course in (5) Japanese
			JAPN 210 Conversation and (3) Composition in Japanese I
y) JPNESE 2	Elem Japanese	(5)	JAPN 101 & First Course in (5)
			Japanese JAPN 102 Second Course in (5)
			Japanese
			<u>OR</u>  JAPN 210 <u>&amp;</u> Conversation and (3)   Composition in   Japanese I
			JAPN 211 Conversation and (3) Composition in
y) JPNESE 3	Elem Japanese	(5)	Japanese II JAPN 102 Second Course in (5) Japanese
			OR
			JAPN 211 Conversation and (3) Composition in
y) JPNESE 4	Inter Japanese	(5)	Japanese II JAPN 201 Third Course in (5)
			Japanese OR
			JAPN 210 & Conversation and (3) Composition in Japanese I
			JAPN 211 Conversation and (3) Composition in
y) JPNESE 5	Inter Japanese	(5)	Japanese II JAPN 201 <u>&amp;</u> Third Course in (5)
			Japanese JAPN 202 Fourth Course in (5) Japanese
			<u>OR</u>  JAPN 210 <u>&amp;</u> Conversation and (3)   Composition in
			Japanese I JAPN 211 Conversation and (3)
			Composition in Japanese II
y) JPNESE 6	Inter Japanese	(5)	JAPN 202 Fourth Course in (5) Japanese
	OR		OR

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

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

	OR		OR
SPANISH 1	Elementary Spanish	(5)	SPAN 101 First Course in (5)
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		( = )	Spanish
SPANISH 2	Elementary Spanish	(5)	SPAN 101 $\underline{\&}$ First Course in (5)
			Spanish
			SPAN 102Second Course in(5)Spanish
SPANISH 3	Elementary Spanish	(5)	SPAN 102 Second Course in (5)
		( - )	Spanish
SPANISH 21	Intm Spanish	(5)	SPAN 102 & Second Course in (5)
			Spanish
			SPAN 201 Third Course in (5)
			Spanish
			OR
			SPAN 201 $\underline{\&}$ Third Course in (5)
			Spanish
			SPAN 202 Fourth Course in (5)
			Spanish
SPANISH 22	Intm Spanish	(5)	SPAN 102 & Second Course in (5)
			Spanish
			$  SPAN 201 \underline{\&} Third Course in (5)   $
			Spanish
			SPAN 201 <u>&amp;</u> Third Course in (5) Spanish
			SPAN 202 Fourth Course in (5)
			Spanish
	OR		
SPANISH 31	Int Span Nat Spk I	(5)	NO COMPARABLE COURSE
SPANISH 32	Int Span Nat Spk II	(5)	
211111011 02	Lie Span nac Spir II	())	Speakers I
SPANISH 33	Int Span Nat Spk III	(5)	SPAN 216 Spanish for Spanish (5)
			Speakers II

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

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# END OF MAJOR

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

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

#### Special Advising Note:

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

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

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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 <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> for details regarding UC Davis TAG.

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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 <a href="http://llc.ucdavis.edu/foreign-language-placement-exams">http://llc.ucdavis.edu/foreign-language-placement-exams</a> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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

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

ITALIAN 1	Elementary Italian	(5) ITAL 101 First Course in   Italian	(5)
ITALIAN 2	Elementary Italian	(5)   ITAL 102 Second Course in Italian	(5)
ITALIAN 3	Elementary Italian	(5) ITAL 201 Third Course in Italian	(5)
ITALIAN 4	Interm Italian	(4) NO COMPARABLE COURSE	
ITALIAN 5	Interm Italian	(4) NO COMPARABLE COURSE	
ITALIAN 9	Reading Italian	(4) NO COMPARABLE COURSE	

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

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### 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.

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# Japanese Placement Examination Note:

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

# Transfer Admission Guarantee (TAG) Note:

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

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

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

## College Foreign Language Requirement Note:

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

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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.

			 	Japanese	
y) JPNESE (	5 Inter Japanese	(5)	    JAPN 202	Japanese II Fourth Course in	(5)
			  JAPN 211 	Japanese I Conversation and Composition in	(3)
			<u>OR</u>  JAPN 210 	<u>&amp;</u> Conversation and Composition in	(3)
				Japanese	. ,
-	-		  JAPN 202	- Japanese Fourth Course in	(5)
y) JPNESE !	5 Inter Japanese	(5)	    JAPN 201	Composition in Japanese II <u>&amp;</u> Third Course in	(5)
			  JAPN 211	Japanese I Conversation and	(3)
			<u>OR</u>  JAPN 210 	<u>&amp;</u> Conversation and Composition in	(3)
y) JPNESE 4	1 Inter Japanese	(5)	JAPN 201	Third Course in Japanese	(5)
			JAPN 211   	Conversation and Composition in Japanese II	(3)
y) JPNESE (	3 Elem Japanese	(5)	JAPN 102     <u>OR</u>	Second Course in Japanese	(5)
			JAPN 211   	Conversation and Composition in Japanese II	(3)
			0APN 210	Composition in Japanese I	(3)
			<u>OR</u>  JAPN 210	Japanese & Conversation and	(2)
			JAPN 102	Japanese Second Course in	(5)
y) JPNESE 2	2 Elem Japanese	(5)	  JAPN 101		(5)
			JAPN 210	Conversation and Composition in	(3)
Y) UPNESE .	L Elem Japanese	(-)		_ 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)   ENGL 202 Introduction to (3	)
		Linguistics	
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 <u>highly recommended</u> that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

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

## PRE-MAJOR REQUIREMENT:

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

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

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

#### Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

COMUNCN 1 Intro Public Spkg	(4) COMS 103	Oral Communication	(3)
ENGLISH 3 Intro to Lit	(4) ENGL 105	Composition and Literature	(3)
OR		OR	
UWRITING 1 Expository Writing	(4) ENGL 101	Reading and Composition	(3)
OR		OR	
UWRITING 48 Style in the Essay Formerly UWRITING 18	(4) ENGL 207	The Art of the Sentence	(3)
OR		OR	

UWRITING 49 Writing Research Papers Formerly UWRITING 19	(4)	NO COMPARABLE COURSE
BIOLSCI 2B Intro Biology: Ecology & Evolution	(5)	BIOL 210A & Introduction to the (4)         Biological Sciences I         BIOL 210B       Introduction to the (4)         Biological Sciences         I       II
ENVHORT 6 Intro Environ Plants	(4)	NO COMPARABLE COURSE
ONE COURSE FRO	M T	HE FOLLOWING:
MATH 16A Short Calculus	(3)	MATH 121 Basic Techniques of (3)
STATIST 13 Elementary Statistics Same as: STATIST 13Y	(4)	Applied Calculus I BIOL 200 Biological Statistics (3) OR
		MATH 119 Elementary Statistics (3) OR
		PSYC 258 Behavioral Science (3) Statistics
ENG CS 32A Intro to Programming(4) Formerly ENG CS 10		NO COURSE ARTICULATED: College has not submitted course(s)for articulation
ONE COURSE FRO	<b>M T</b>	HE FOLLOWING:
CHEM 2A Genl Chemistry	(5)	CHEM 200 <u>&amp;</u> General Chemistry I - (3) Lecture CHEM 200L General Chemistry I - (2)
CHEM 10 Concept of Chem	(4)	Laboratory CHEM 100 Fundamentals of (3) Chemistry
PHYSICS 1APrinciples PhysicsPHYSICS 10Topics,Nonscientistsi) GEOLOGY 1The EarthSOILSCI 10Soils in OurEnvironment	(4) (4)	NO COMPARABLE COURSE PHYS 100 Introductory Physics (4) GEOL 100 Physical Geology (3) NO COMPARABLE COURSE
LND ARC 1 Intro Environ Design LND ARC 2 Place,Culture,Community LND ARC 3 Sustainable Development LND ARC 21 Landscape Rep I	(4) (4)	NO COMPARABLE COURSE NO COMPARABLE COURSE NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COMPARABLE COURSE
Formerly Design Visualization LND ARC 23 Landscape Rep II LND ARC 30 History Environ Design LND ARC 50 Site Ecology LND ARC 60 Landform Grading Studio LND ARC 70 Intro to Spacemaking	(4) (4) (6) (4)	NO COURSE ARTICULATED NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE
Two courses in Arts and Humanities sel Articulation Agreement TB: Arts and Hu agreement)	man	
Two courses in Social Sciences selecte Articulation Agreement TB: Social Scie	d fi nce	rom the UC Davis GE/Breadth s.
END OF MAJOR		

i) If a student takes GEOL 100 at San Diego Mesa College, credit will be given for UC Davis's GEOLOGY 1 or 50, 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 <u>transfer admission website</u>. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

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#### Transfer Admission Guarantee (TAG) Note:

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

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

## College Foreign Language Requirement Note:

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

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

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LINGUIS 1	Intro Linguistics	(4) ENGL 202 	Introduction to Linguistics	(3)

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

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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 <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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#### 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 <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> for details regarding UC Davis TAG.

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

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

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College of Agricultural and Environmental Sciences (A&ES) General Education (GE)

#### English Composition Requirement for the Bachelor's Degree:

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

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

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

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

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

COMUNCN 1	Intro Public Spkg <b>OR</b>	(4) COMS 103	Oral Communication <b>OR</b>	(3)
COMUNCN 3	Intprsnl Com Cmpetnce	(4) NO COMPARA	BLE COURSE	
AGRESEC 18	Business Law	(4) BUSE 140 	Business Law and the Legal Environment	(3)
ECON 1A Pr	rinc of Microecon	(4)   ECON 121	Principles of Microeconomics	(3)
ECON 1B Pr	rinc of Macroecon	(4) ECON 120	Principles of Macroeconomics	(3)
PL SCI 21	Computers in Technology OR	(3)   NO COMPARA 	BLE COURSE OR	
B) ENG CS 15	Intro to Computers	(4) CISC 181	Principles of Information Systems	(4)

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

MGMT 11A MGMT 11B	Elem Accounting Elem Accounting		ACCT 116A Financial Accounting (4) ACCT 116B Managerial Accounting (4)
MATH 16A	Short Calculus	(3)	MATH 121 Basic Techniques of (3) Applied Calculus I
MATH 16B	Short Calculus	(3)	MATH 122 Basic Techniques of (3) Calculus II
МАТН 16С	Short Calculus	(3)	MATH 122 Basic Techniques of (3) Calculus II
	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
			submitted course(s) for articulation
	OR		OR
MATH 21A	Calculus	(4)	MATH 150 Calculus with Analytic (5) Geometry I
MATH 21B	Calculus	(4)	MATH 151 Calculus with Analytic (4)
			Geometry II
	Elementary Statistics STATIST 13Y	(4)	BIOL 200 Biological Statistics (3)   OR
			MATH 119 Elementary Statistics (3)
			PSYC 258 Behavioral Science (3) Statistics

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 <u>highly recommended</u> that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. See the U<u>C Transfer Admission website</u> 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.

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

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

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

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

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

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

\*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement. Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 2	210A	Introduction to the (4) Biological Sciences I
BIOLSCI 2B	Intro Biology: Ecology	(5)	BIOL 2	210A	$\underline{\&}$ Introduction to the (4)
	& Evolution		  BIOL : 	210в	Biological Sciences I Introduction to the (4) Biological Sciences II
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	  BIOL 2   	210в	Introduction to the (4) Biological Sciences II
CHEM 2A	Genl Chemistry	(5)	CHEM 2    CHEM 2		<u>&amp;</u> General Chemistry I - (3) Lecture General Chemistry I - (2)
CHEM 2B	Genl Chemistry	(5)	CHEM 2		Laboratory
			  CHEM 2	200L	Lecture <u>&amp;</u> General Chemistry I - (2)
			CHEM 2	201	Laboratory <u>&amp;</u> General Chemistry II (3)
			  CHEM 2	201L	
CHEM 2C	Genl Chemistry	(5)	  CHEM 2	201	- Laboratory <u>&amp;</u> General Chemistry II (3) - Lecture
			CHEM	201L	
 МАТН 16А	Short Calculus	(3)	  MATH [	121	Basic Techniques of (3) Applied Calculus I
MATH 16B	Short Calculus	(3)	  MATH ] 	122	Basic Techniques of (3) Calculus II
МАТН 16С	Short Calculus	(3)	MATH 1	122	
	OR				OR
MATH 17A	Calculus for BioSci		submit	tted	ARTICULATED: College has not course(s) for articulation
МАТН 17В	Calculus for Biosci				ARTICULATED: College has not course(s) for articulation
МАТН 17С	Calculus for BioSci		NO COU	URSE	ARTICULATED: College has not course(s) for articulation
	OR				OR
MATH 21A			İ		Calculus with Analytic (5) Geometry I
	Calculus				Calculus with Analytic (4) Geometry II
MATH 21C			MATH 2 	252	Calculus with Analytic (4) Geometry III
	General Physics				General Physics (5) General Physics II (5)
PHYSICS 7B	General Physics		PHYS 3	125 <u>4</u>	General Physics II (5) General Physics (5) General Physics II (5)
PHYSICS 7C	General Physics		PHYS 3	125 <u>8</u>	
It is high	ly recommended that students	5 COI			

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.

F7 =	OR				OR	
PHYSICS 9A	Classical Physics	(5)	PHYS 1	195	Mechanics	(5)
PHYSICS 9B	Classical Physics	. ,	PHYS 1		Electricity and	(5)
			İ	—	Magnetism	
			PHYS 1	197	Waves, Optics and	(5)
					Modern Physics	
PHYSICS 9C	Classical Physics	(5)	PHYS 1	196	Electricity and	(5)
					Magnetism	

### STRONGLY RECOMMENDED:

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

END OF MAJOR

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

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

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

## **REQUIREMENTS FOR ADMISSION:**

(for 2019-20)

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

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

It is also <u>strongly recommended</u> that transfer students complete courses comparable to the following UC Davis courses. Completion of these courses will help you move more efficiently toward graduation. Courses should be taken for a letter grade, with no grade less than C: Organic Chemistry series cited on ASSIST for your major\* Physics 7A/B/C or the physics series cited on ASSIST for your intended College of Biological Sciences major (especially useful for Neurobiology, Physiology and Behavior majors).

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

Transfer students must also meet UC transfer admission requirements. UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. See the UC Transfer Admission webpage. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment. \_\_\_\_\_ Students must identify an area of focus in order to select the appropriate major/college pairing on the UC application for undergraduate admission and scholarships. A student's chosen focus area will determine the college into which the student is admitted, the college where the degree is awarded, and the associated department: -Coastal Environmental Processes (College of Agricultural and Environmental Sciences; Environmental Science and Policy) -Marine Ecology and Organismal Biology (College of Biological Sciences; Evolution and Ecology) -Marine Environmental Chemistry (College of Agricultural and Environmental Sciences; Environmental Toxicology) -Oceans and the Earth System (College of Letters and Science; Earth and Planetary Sciences) Visit http://bml.ucdavis.edu/education/marine-coastal-science-undergraduate-major/ for details regarding the marine and coastal science undergraduate major.

#### Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

BIOLSCI 2A Intro Biology:Life on (5)|BIOL 210A Introduction to the (4)

BIOLSCI 2B	Earth Intro Biology: Ecology & Evolution	(5)	  BIOL  BIOL		<u>&amp;</u>	Biological Sciences I Introduction to the (4) Biological Sciences I Introduction to the (4) Biological Sciences
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	  BIOL 	210в		II Introduction to the (4) Biological Sciences II
CHEM 2A Ge	enl Chemistry	(5)	ĺ	200 200L	<u>&amp;</u>	General Chemistry I - (3) Lecture General Chemistry I - (2)
CHEM 2B Ge	enl Chemistry	(5)	CHEM		<u>&amp;</u>	Laboratory General Chemistry I - (3)
			  CHEM	200L	<u>&amp;</u>	Lecture General Chemistry I - (2) Laboratory
			CHEM	201	<u>&amp;</u>	General Chemistry II (3) - Lecture
			CHEM 	201L		General Chemistry II (2) - Laboratory
CHEM 2C Ge	enl Chemistry	(5)	CHEM 	201	<u>&amp;</u>	General Chemistry II (3) - Lecture
	AND		CHEM   	201L		General Chemistry II (2) - Laboratory AND
CHEM 8A OI	rganic Chem-Brief	(2)	CHEM	130	<u>&amp;</u>	Introduction to (3) Organic and
			   CHEM   	130L		Biological Chemistry Introduction to (1) Organic and Biological Chemistry
CHEM 8B OI	rganic Chem-Brief	(4)	  CHEM 	130	<u>&amp;</u>	Laboratory Introduction to (3) Organic and Biological Chemistry
			   CHEM   	130L		Introduction to (1) Organic and Biological Chemistry Laboratory
 МАТН 17А (	Calculus for BioSci	(4)				TICULATED: College has not arse(s) for articulation
МАТН 17В С	Calculus for Biosci	(4)	NO CO	DURSE	ART	TICULATED: College has not TICULATED: for articulation
MATH 17C C	Calculus for BioSci	(4)	NO CO	OURSE	ART	TICULATED: College has not urse(s) for articulation
MATH 21A C	OR Calculus	(4)	  MATH	150		OR Calculus with Analytic (5)
MATH 21B C	Calculus	(4)	   MATH 	151	(	Geometry I Calculus with Analytic (4) Geometry II
PHYSICS 7A	General Physics	(4)	   PHYS   PHYS			General Physics (5) General Physics II (5)
PHYSICS 7B	General Physics	(4)	PHYS		<u>s</u> (	General Physics II (5) General Physics (5) General Physics II (5)
PHYSICS 7C	General Physics	(4)	PHYS		<u><u></u></u>	General Physics II (5) General Physics (5) General Physics II (5)
It is highly	recommended that students	s cor				

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

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

	OR					OR	
PHYSICS 9A	Classical Physics	(5)	PHYS	195		Mechanics	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS	196	<u>&amp;</u>	Electricity and	(5)
			ĺ			Magnetism	
			PHYS	197		Waves, Optics and	(5)
						Modern Physics	
PHYSICS 9C	Classical Physics	(5)	PHYS	196		Electricity and	(5)
			ĺ			Magnetism	

#### STRONGLY RECOMMENDED:

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

#### END OF MAJOR

# ====Marine and Coastal Science B.S. (Marine 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 <u>highly recommended</u> that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. See the U<u>C Transfer Admission website</u> 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 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 <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> for details regarding UC Davis TAG.

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

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

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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 U<u>C Transfer Admission website</u>. The courses used for the A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

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

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5) BIOL 210A	Introduction to the (4) Biological Sciences I
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5) BIOL 210A <u>&amp;</u>	Introduction to the (4) Biological Sciences I
		BIOL 210B	Introduction to the (4)

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BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life		    BIOL 	210B	Biological Sciences II Introduction to the (4) Biological Sciences II
CHEM 2A	Genl Chemistry	(5)		200 200L	General Chemistry I - (3) Lecture General Chemistry I - (2)
CHEM 2B	Genl Chemistry	(5)	  CHEM	200	Laboratory <u>&amp;</u> General Chemistry I - (3) Lecture
			CHEM	200L	<u>&amp;</u> General Chemistry I - (2) Laboratory
					▲ General Chemistry II (3) - Lecture
CHEM 2C	Genl Chemistry	(5)		201L 201	General Chemistry II (2) - Laboratory & General Chemistry II (3)
0		(0)	İ	201L	- Lecture
MATH 16A	Short Calculus	(3)	   MATH 		Basic Techniques of (3) Applied Calculus I
MATH 16B	Short Calculus	(3)	MATH	122	
MATH 16C	Short Calculus OR	(3)	MATH	122	Basic Techniques of (3) Calculus II <b>OR</b>
MATH 17A	Calculus for BioSci	(4)	NO CO	DURSE	ARTICULATED: College has not
MATH 17B	Calculus for Biosci	(4)	NO CO	DURSE	course(s) for articulation ARTICULATED: College has not
MATH 17C	Calculus for BioSci	(4)	NO CO	DURSE	<pre>course(s) for articulation ARTICULATED: College has not course(s) for articulation</pre>
	OR		İ		OR
MATH 21A	Calculus	(4)	MATH		Calculus with Analytic (5) Geometry I
MATH 21B	Calculus	(4)	MATH		Calculus with Analytic (4) Geometry II
MATH 21C	Calculus	(4)	MATH 	252	Calculus with Analytic (4) Geometry III
PHYSICS 7A	General Physics	(4)	:		General Physics (5)
PHYSICS 7B	General Physics	(4)		125	General Physics (5)
PHYSICS 7C	General Physics	(4)	PHYS   PHYS   PHYS	125	General Physics (5)
Tt ig bigh	ly wagemmended that student	a ao			ocherar mysres II (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.

	OR				OR	
PHYSICS 9A	Classical Physics	(5)	PHYS	195	Mechanics	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS	196 <mark>8</mark>	Electricity and	(5)
				_	Magnetism	
			PHYS	197	Waves, Optics and	(5)
			ĺ		Modern Physics	
PHYSICS 9C	Classical Physics	(5)	PHYS	196	Electricity and	(5)

	Magnetism
STRONGLY REC	OMMENDED:

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

END OF MAJOR

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

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

Transfer students must also meet UC transfer admission requirements. See the U<u>C Transfer Admission website</u> 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 <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> for details regarding UC Davis TAG.

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

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

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 21	0A Introduction to the (4) Biological Sciences I
BIOLSCI 2B		(5)	  BIOL 21 	5
			  BIOL 21 	
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life		BIOL 21   	
CHEM 2A	Genl Chemistry	(5)	  СНЕМ 20 	0 <u>&amp;</u> General Chemistry I - (3) Lecture
			СНЕМ 20	
CHEM 2B	Genl Chemistry	(5)		0 <u>&amp;</u> General Chemistry I - (3) Lecture
			İ	OL <u>&amp;</u> General Chemistry I - (2) Laboratory
				1 <u>&amp;</u> General Chemistry II (3) - Lecture
CHEM 2C	Genl Chemistry	(5)	CHEM 20    CHEM 20	<pre>IL General Chemistry II (2)         - Laboratory 1 &amp; General Chemistry II (3)</pre>
			    CHEM 20	- Lecture
MATH 16A	Short Calculus	(3)	MATH 12 	1 Basic Techniques of (3) Applied Calculus I
MATH 16B	Short Calculus	(3)	MATH 12 	
MATH 16C	Short Calculus	(3)	MATH 12	2 Basic Techniques of (3) Calculus II
MATH 17A	<b>OR</b> Calculus for BioSci	(4)	  NO_COUR	OR SE ARTICULATED: College has not
			submitt	ed course(s) for articulation
MATH 17B	Calculus for Biosci	(4)		SE ARTICULATED: College has not
MATH 17C	Calculus for BioSci	(4)		ed course(s) for articulation SE ARTICULATED: College has not
	OR			ed course(s) for articulation OR
MATH 21A	Calculus	(4)	MATH 15	
MATH 21B	Calculus	(4)	  MATH 15	
MATH 21C	Calculus	(4)	  MATH 25 	Geometry III
PHYSICS 7A	General Physics	(4)	  PHYS 12  PHYS 12	5 <u>&amp;</u> General Physics (5)
PHYSICS 7B	General Physics	(4)		5 & General Physics (5)

PHYSICS 7C General Physics

(4) PHYS 125 & General Physics (5) PHYS 126 General Physics II (5)

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

	OR				OR	
PHYSICS 9A	Classical Physics	(5)	PHYS	195	Mechanics	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS	196 <u>&amp;</u>	Electricity and	(5)
					Magnetism	
			PHYS	197	Waves, Optics and	(5)
					Modern Physics	
PHYSICS 9C	Classical Physics	(5)	PHYS	196	Electricity and	(5)
					Magnetism	

#### STRONGLY RECOMMENDED:

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

END OF MAJOR

====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.

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# 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.

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#### 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.

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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 2018-2019 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> 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 <u>College of Engineering website</u> if you have any questions.

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#### END OF MAJOR

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

Transfer students are strongly advised to complete as many preparatory courses

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <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 <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> for details regarding UC Davis TAG.

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

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

# Recommended Language Preparation Note:

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

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

MATH 21ACalculus(4) MATH 150Calculus with Analytic (5) Geometry IMATH 21BCalculus(4) MATH 151Calculus with Analytic (4) Geometry IIMATH 21CCalculus(4) MATH 252Calculus with Analytic (4) Geometry IIIMATH 17ACalculus for BioSci(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulationMATH 17BCalculus for BioSci(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulationMATH 17BCalculus for BioSci(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulationMATH 17CCalculus for BioSci(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulationMATH 17CCalculus for BioSci(4) MATH 252MATH 21DVector Analysis(4) MATH 252Calculus with Analytic (4) Geometry IIIMATH 22BDifferntl Equations(3) MATH 255Differential Equations (3)			
MATH 21BCalculus(4)MATH 151Calculus with Analytic (4) Geometry IIMATH 21CCalculus(4)MATH 252Calculus with Analytic (4) Geometry IIIMATH 21CCalculus for BioSci(4)MATH 252Calculus with Analytic (4) Geometry IIIMATH 17ACalculus for BioSci(4)NO COURSE ARTICULATED: College has not submitted course(s) for articulationMATH 17BCalculus for Biosci(4)NO COURSE ARTICULATED: College has not submitted course(s) for articulationMATH 17CCalculus for BioSci(4)NO COURSE ARTICULATED: College has not submitted course(s) for articulationMATH 21DVector Analysis(4)MATH 252Calculus with Analytic (4) Geometry III	MATH 21A	Calculus	· · ·
MATH 21C       Calculus       (4)       MATH 252       Calculus with Analytic (4)         OR       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 submitted course(s) for articulation         MATH 17C       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 17C       Calculus for BioSci       (4)       NO COURSE ARTICULATED: College has not submitted course(s) for articulation         MATH 21D       Vector Analysis       (4)       MATH 252       Calculus with Analytic (4)         Geometry III       UI       MATH 252       Calculus with Analytic (4)	MATH 21B	Calculus	(4) MATH 151 Calculus with Analytic (4)
ORORMATH 17ACalculus for BioSci(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulationMATH 17BCalculus for Biosci(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulationMATH 17CCalculus for BioSci(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulationMATH 17CCalculus for BioSci(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulationMATH 21DVector Analysis(4) MATH 252Calculus with Analytic (4) Geometry III	MATH 21C	Calculus	(4) MATH 252 Calculus with Analytic (4)
MATH 17ACalculus for BioSci(4)NO COURSE ARTICULATED: College has not submitted course(s) for articulationMATH 17BCalculus for Biosci(4)NO COURSE ARTICULATED: College has not submitted course(s) for articulationMATH 17CCalculus for BioSci(4)NO COURSE ARTICULATED: College has not submitted course(s) for articulationMATH 17CCalculus for BioSci(4)NO COURSE ARTICULATED: College has not submitted course(s) for articulationMATH 21DVector Analysis(4)MATH 252Calculus with Analytic (4) Geometry III		<u>AB</u>	1
MATH 17BCalculus for Biosci(4)NO COURSE ARTICULATED: College has not submitted course(s) for articulationMATH 17CCalculus for BioSci(4)NO COURSE ARTICULATED: College has not submitted course(s) for articulationMATH 21DVector Analysis(4)MATH 252Calculus with Analytic (4) Geometry III		UR	OR OR
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MATH 17C       Calculus for BioSci       (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation         MATH 21D       Vector Analysis       (4) MATH 252       Calculus with Analytic (4) Geometry III	MATH 17B	Calculus for Biosci	(4) NO COURSE ARTICULATED: College has not
MATH 17C       Calculus for BioSci       (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation         MATH 21D       Vector Analysis       (4) MATH 252       Calculus with Analytic (4) Geometry III			submitted course(s) for articulation
MATH 21D Vector Analysis (4) MATH 252 Calculus with Analytic (4) Geometry III	матн 170	Calculus for BioSci	
MATH 21D Vector Analysis (4) MATH 252 Calculus with Analytic (4) Geometry III		carcarab for brober	
Geometry III			Submitted Course(s) for articulation
Geometry III		Master Aralis	
	MATH ZID	Vector Analysis	
MATH 22B Differntl Equations (3) MATH 255 Differential Equations (3)			Geometry III
	MATH 22B	Differntl Equations	(3)   MATH 255 Differential Equations (3)

MATH 22AL Lin Alg Comp Lab

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

#### or equivalent basic knowledge of MATLAB.

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

	BOTH OF THE	FOLLOWING COURS	SES:
MATH 22A	Linear Algebra	(3) MATH 254	Introduction to Linear (3)
			Algebra
	AND		AND
MATH 108	Intro Abstract Math	(4)   This cours	se 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 COURSE ARTICULATED: College has not submitted course(s)for articulation
ENGIN 6 Engr Prob Solving END OF MAJOR	(4)   NO COURSE ARTICULATED

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

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

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

#### Transfer Admission Guarantee (TAG) Note:

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

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

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

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

MATH 21A	Calculus	(4)	MATH 150 Calculus with Analytic (5)
			Geometry I
MATH 21B	Calculus	(4)	MATH 151 Calculus with Analytic (4)
			Geometry II
MATH 21C	Calculus	(4)	MATH 252 Calculus with Analytic (4)
			Geometry III
MATH 21D	Vector Analysis	(4)	MATH 252 Calculus with Analytic (4)
			Geometry III
MATH 22B	Differntl Equations	(3)	MATH 255 Differential Equations (3)
MATH 22AL	Lin Alg Comp Lab	(1)	NO COURSE ARTICULATED: College has not
			submitted course(s)for articulation
	or equivalent basic	knowle	dge of MATLAB.
NOTE: Basic	c knowledge of MATLAB is	requir	ed for both MATH 67 and 22A. Students
can learn :	it on their own, enroll	in Engi	neering 6, Mechanical Engineering 5 or
		-	may be taken concurrently).
	BOTH OF I	HE FOLL	OWING COURSES:
MATH 22A			
	Linear Algebra	(3)	
	Linear Algebra	(3)	MATH 254Introduction to Linear (3) Algebra
	Linear Algebra	(3)	MATH 254 Introduction to Linear (3)
MATH 108	AND		MATH 254       Introduction to Linear (3)         Algebra       AND
MATH 108	-		MATH 254Introduction to Linear (3)Algebra
MATH 108	<b>AND</b> Intro Abstract Math	(4)	MATH 254       Introduction to Linear (3)         Algebra       AND
	AND Intro Abstract Math OR SELEC	(4) <b>T THE F</b>	MATH 254 Introduction to Linear (3) Algebra AND This course must be taken at UC Davis
	AND Intro Abstract Math OR SELEC	(4) <b>T THE F</b>	MATH 254 Introduction to Linear (3) Algebra <b>AND</b> This course must be taken at UC Davis <b>OLLOWING COURSE:</b> NO COURSE ARTICULATED: College has not
	AND Intro Abstract Math OR SELEC	(4) <b>T THE F</b>	MATH 254 Introduction to Linear (3) Algebra AND This course must be taken at UC Davis OLLOWING COURSE:
MATH 67	AND Intro Abstract Math OR SELEC Modern Linear Algebra	(4) <b>T THE F</b> (4)	MATH 254 Introduction to Linear (3) Algebra AND This course must be taken at UC Davis OLLOWING COURSE: NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 67 ENG CS 32A	AND Intro Abstract Math OR SELEC Modern Linear Algebra Intro to Programming(4	(4) <b>T THE F</b> (4)	MATH 254       Introduction to Linear (3)         Algebra       AND         This course must be taken at UC Davis         OLLOWING COURSE:         NO COURSE ARTICULATED: College has not         submitted course(s) for articulation         NO COURSE ARTICULATED: College has not
MATH 67 ENG CS 32A	AND Intro Abstract Math OR SELEC Modern Linear Algebra	(4) <b>T THE F</b> (4)	MATH 254 Introduction to Linear (3) Algebra AND This course must be taken at UC Davis OLLOWING COURSE: NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 67 ENG CS 32A Former	AND Intro Abstract Math OR SELEC Modern Linear Algebra Intro to Programming(4 ly ENG CS 10	(4) <b>TT THE F</b> (4)	MATH 254 Introduction to Linear (3) Algebra AND This course must be taken at UC Davis OLLOWING COURSE: NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation

 ECON 1A
 Princ of Microecon
 (4) | ECON 121
 Principles of
 (3)

 ECON 1B
 Princ of Macroecon
 (4) | ECON 120
 Principles of
 (3)

 Macroeconomics
 (4) | ECON 120
 Principles of
 (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 <u>transfer admission website</u>. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

# Special Advising Note for future applicants:\*

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

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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

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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 <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> for details regarding UC Davis TAG.

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

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

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

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

MATH 21A	Calculus	(4)	MATH 	150	Calculus with Analytic (5) Geometry I
MATH 21B	Calculus	(4)	   MATH 	151	Calculus with Analytic (4) Geometry II
MATH 21C	Calculus	(4)	MATH 	252	Calculus with Analytic (4) Geometry III
MATH 21D	Vector Analysis	(4)	MATH	252	Calculus with Analytic (4) Geometry III
MATH 22B	Differntl Equations	(3)	MATH	255	Differential Equations (3)
MATH 22AL	Lin Alg Comp Lab	(1)			ARTICULATED: College has not course(s) for articulation
	or equivalent basic	knowled			
can learn	it on their own, enroll	in Engir	neerir		h MATH 67 and 22A. Students Mechanical Engineering 5 or
in the one	unit course Mathematics	22AL (r	nay be	e take	en concurrently).
in the one	unit course Mathematics				
in the one	BOTH OF T	HE FOLLO	OWING	COUR	
	BOTH OF T	HE FOLLO	OWING	COUR	SES: Introduction to Linear (3)
	BOTH OF T Linear Algebra	HE FOLLO (3)	<b>DWING</b>   MATH 	<b>COUR</b> 254	SES: Introduction to Linear (3) Algebra
MATH 22A	BOTH OF T Linear Algebra AND	HE FOLLO (3) (4)	OWING  MATH      This	COUR 254 cours	SES: Introduction to Linear (3) Algebra AND se must be taken at UC Davis
MATH 22A	BOTH OF T Linear Algebra AND Intro Abstract Math OR SELEC	HE FOLLO (3) (4) T THE FO	OWING  MATH    This OLLOWI	COURSE	SES: Introduction to Linear (3) Algebra AND se must be taken at UC Davis
MATH 22A MATH 108 MATH 67 ENG CS 32A	BOTH OF T Linear Algebra AND Intro Abstract Math OR SELEC	HE FOLLO (3) (4) T THE FO (4)	DWING MATH This DLLOW NO CO Submi	COURSE 254 course COURSE Litted	SES: Introduction to Linear (3) Algebra AND se must be taken at UC Davis DURSE: ARTICULATED: College has not

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

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# 12 QUARTER UNITS OF ADDITIONAL NON-MATHEMATICS COURSES CHOSEN FROM NATURAL SCIENCES

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END OF MAJOR

#### ====Mathematics B.S.====

# Special Advising Note:

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**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

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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 <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> for details regarding UC Davis TAG.

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

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			Geometry I
MATH 21B	Calculus	(4) MATH 151	Calculus with Analytic (4)
			Geometry II
MATH 21C	Calculus	(4) MATH 252	Calculus with Analytic (4)

MATH 21D	Vector Analysis	(4)	MATH 252	Geometry III Calculus with Analytic	: (4)
МАТН 22В	Differntl Equations	(3)	  MATH 255	Geometry III Differential Equations	s (3)
MATH 22AL	Lin Alg Comp Lab	(1)		ARTICULATED: College has course(s)for articulation	
	or equivalent basic k		dge of MAT	LAB.	
can learn i	c knowledge of MATLAB is r it on their own, enroll in unit course Mathematics 2	Engi	neering 6,	Mechanical Engineering 5	
	BOTH OF THE				
MATH 22A	-	(3)	MATH 254 	Introduction to Linear Algebra	: (3)
MATH 108	<b>AND</b> Intro Abstract Math	(4)	  This cour	<b>AND</b> se must be taken at UC Da	avis
	OR SELECT	יד ארי	OLTOWING C		
MATH 67	Modern Linear Algebra		NO COURSE	ARTICULATED: College has	
			submitted	course(s) for articulati	on
ENG CS 32A	Intro to Programming(4)			ARTICULATED: College has course(s)for articulatic	
	Ly ENG CS 10		submitted		
Formerl ENGIN 6 <b>Please</b>	OR Engr Prob Solving note that the community c	ollege	  NO COURSE <b>e's comput</b>	OR ARTICULATED er science courses	
Formerl ENGIN 6 Please may not	OR Engr Prob Solving note that the community of the identical to UC Davis cansfer to UC Davis, may n	ollege cour:	  NO COURSE e's comput ses. Comm	OR ARTICULATED er science courses unity college students,	
Formerl ENGIN 6 Please may not upon tr	OR Engr Prob Solving note that the community of the identical to UC Davis cansfer to UC Davis, may n	college cours leed to	  NO COURSE e's comput ses. Comm o make up	OR ARTICULATED er science courses unity college students,	
Formerl ENGIN 6 Please may not upon tr	OR Engr Prob Solving note that the community of the identical to UC Davis cansfer to UC Davis, may n encies. PLAN 1: GENERAL Classical Physics	ollege cours leed to MATHEN (5)	 NO COURSE ses. Comput o make up MATICS  PHYS 195	OR ARTICULATED er science courses unity college students, any topic or language Mechanics	
Formerl ENGIN 6 Please may not upon tr deficie	OR Engr Prob Solving note that the community of the identical to UC Davis cansfer to UC Davis, may n encies. PLAN 1: GENERAL	ollege cours leed to MATHEN (5)	 NO COURSE ses. Comput o make up MATICS  PHYS 195	OR ARTICULATED er science courses unity college students, any topic or language Mechanics	
Formerl ENGIN 6 Please may not upon tr deficie	OR Engr Prob Solving note that the community of the identical to UC Davis cansfer to UC Davis, may n encies. PLAN 1: GENERAL Classical Physics PLAN 2: MATHEMA General Physics	college cours leed to MATHEN (5) TICS 1	NO COURSE e's comput ses. Comm o make up MATICS PHYS 195 FOR SECOND	OR ARTICULATED er science courses unity college students, any topic or language Mechanics ARY TEACHING <u>&amp;</u> General Physics II	(5)
Formerl ENGIN 6 Please may not upon tr deficie PHYSICS 9A PHYSICS 7A	OR Engr Prob Solving note that the community of the identical to UC Davis cansfer to UC Davis, may n encies. PLAN 1: GENERAL Classical Physics PLAN 2: MATHEMA	college cours meed to MATHEN (5) TICS 1 (4)	NO COURSE e's comput ses. Comm o make up MATICS PHYS 195 FOR SECOND	OR ARTICULATED er science courses unity college students, any topic or language Mechanics ARY TEACHING <u>&amp;</u> General Physics General Physics II OR	(5) (5) (5)
Formerl ENGIN 6 Please may not upon tr deficie PHYSICS 9A PHYSICS 7A PHYSICS 9A	OR Engr Prob Solving note that the community of the identical to UC Davis cansfer to UC Davis, may n encies. PLAN 1: GENERAL Classical Physics PLAN 2: MATHEMA General Physics OR Classical Physics OR	cours aced to MATHEN (5) TICS 1 (4) (5)	NO COURSE e's comput ses. Comm o make up MATICS PHYS 195 FOR SECOND. PHYS 125 PHYS 126 PHYS 126	OR ARTICULATED er science courses unity college students, any topic or language Mechanics ARY TEACHING & General Physics General Physics II OR Mechanics OR	(5) (5) (5) (5)
Formerl ENGIN 6 Please may not upon tr deficie PHYSICS 9A PHYSICS 7A PHYSICS 9A STATIST 13	OR Engr Prob Solving note that the community of the identical to UC Davis cansfer to UC Davis, may n encies. PLAN 1: GENERAL Classical Physics PLAN 2: MATHEMA General Physics OR Classical Physics	cours aced to MATHEN (5) TICS 1 (4) (5)	NO COURSE e's comput ses. Common o make up MATICS PHYS 195 FOR SECOND. PHYS 125 PHYS 125 PHYS 125 PHYS 195 BIOL 200 OR	OR ARTICULATED er science courses unity college students, any topic or language Mechanics ARY TEACHING Se General Physics II OR Mechanics OR Biological Statistics	(5) (5) (5) (5) (3)
Formerl ENGIN 6 Please may not upon tr deficie PHYSICS 9A PHYSICS 7A PHYSICS 9A STATIST 13	OR Engr Prob Solving note that the community of the identical to UC Davis cansfer to UC Davis, may n encies. PLAN 1: GENERAL Classical Physics PLAN 2: MATHEMA General Physics OR Classical Physics OR Elementary Statistics	cours aced to MATHEN (5) TICS 1 (4) (5)	NO COURSE e's comput ses. Common o make up MATICS PHYS 195 FOR SECOND. PHYS 125 PHYS 126 PHYS 126 PHYS 195 BIOL 200 OR MATH 119 OR	OR ARTICULATED er science courses unity college students, any topic or language Mechanics ARY TEACHING Se General Physics II OR Mechanics OR Biological Statistics Elementary Statistics	(5) (5) (5) (5) (3)
Formerl ENGIN 6 Please may not upon tr deficie PHYSICS 9A PHYSICS 7A PHYSICS 9A STATIST 13	OR Engr Prob Solving note that the community of the identical to UC Davis cansfer to UC Davis, may n encies. PLAN 1: GENERAL Classical Physics PLAN 2: MATHEMA General Physics OR Classical Physics OR Elementary Statistics STATIST 13Y	cours aced to MATHEN (5) TICS 1 (4) (5)	NO COURSE e's comput ses. Comm o make up MATICS PHYS 195 FOR SECOND PHYS 125 PHYS 126 PHYS 126 PHYS 195 BIOL 200 <u>OR</u> MATH 119	OR ARTICULATED er science courses unity college students, any topic or language Mechanics ARY TEACHING <u>&amp;</u> General Physics General Physics II OR Mechanics OR Biological Statistics Elementary Statistics Behavioral Science Statistics	(5) (5) (5) (5) (3) (3)
Formerl ENGIN 6 Please may not upon tr deficie PHYSICS 9A PHYSICS 9A PHYSICS 9A STATIST 13 Same as:	OR Engr Prob Solving note that the community of the identical to UC Davis cansfer to UC Davis, may n encies. PLAN 1: GENERAL Classical Physics PLAN 2: MATHEMA General Physics OR Classical Physics OR Elementary Statistics	cours acours acours (5) (4) (5) (4)	NO COURSE e's comput ses. Common o make up make up MATICS   PHYS 195 FOR SECOND.   PHYS 125   PHYS 126   PHYS 126   PHYS 195   BIOL 200 OR   MATH 119 OR   PSYC 258 	OR ARTICULATED er science courses unity college students, any topic or language Mechanics ARY TEACHING General Physics II OR Mechanics OR Biological Statistics Elementary Statistics Behavioral Science Statistics OR	(5) (5) (5) (5)

====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

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

## Special Advising Note:

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

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

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

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

# Transfer Admission Guarantee (TAG) Note:

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

## 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.

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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 2018-2019 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

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

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## Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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Advanced Placement (AP) and International Baccalaureate (IB) Examination Note: AP and IB examination credit policies are detailed in the UC Davis 2018-19 General Catalog . Quick reference charts for AP and IB are also available from our TAG website. \_\_\_\_\_ \_\_\_\_\_ MEDV-ST 20A Medieval Culture MEDV-ST 20B Medieval Culture (5) NO COMPARABLE COURSE (5) NO COMPARABLE COURSE THREE COURSES FROM THE FOLLOWING: ARTHI 1B Mediev&Renaiss Art (4) ARTF 110 & Art History: (3) Prehistoric to Gothic ARTF 111 Art History: (3) Renaissance to Modern Art History: ARTHI 1C Baroque to Modern Art (4)|ARTF 111 (3) Renaissance to Modern (4) NO COURSE ARTICULATED: College has not Islamic Art & ARTHI 1E Architecture submitted course(s) for articulation COMPLIT 2 Major Books-Middle Ages (4) ENGL 220 & Masterpieces of World (3) to Enlightenment Literature I: 1500 BCE - 1600 CE Masterpieces of World (3) ENGL 221 Literature II: 1600 -Present COMPLIT 10A Master Authors (2) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (2) NO COURSE ARTICULATED: College has not COMPLIT 10B Master Authors submitted course(s) for articulation COMPLIT 10C Master Authors (2) NO COURSE ARTICULATED: College has not submitted course(s) for articulation COMPLIT 10D Master Authors (2) NO COURSE ARTICULATED: College has not submitted course(s)for articulation COMPLIT 10E Master Authors (2) NO COURSE ARTICULATED: College has not submitted course(s) for articulation ENGLISH 10A Literatures in English (4) ENGL 215 English Literature I: (3) I: To 1700 800-1799 GERMAN 48 Myth & Saga (4) NO COMPARABLE COURSE HISTORY 4A Western Civ (4) NO COMPARABLE COURSE (4) HIST 105  $\underline{\mathbf{\&}}$  Introduction to HISTORY 4B Western Civ (3) Western Civilization I HIST 106 Introduction to (3) Western Civilization ΤТ Humanities Forum (2) NO COURSE ARTICULATED: College has not HUMAN 1 submitted course(s) for articulation (2) NO COURSE ARTICULATED: College has not HUMAN 9 Don Quixote submitted course(s) for articulation PHILOS 21 Phil Classics: Ancient (4) PHIL 104A History of Western (3) Philosophy PHILOS 22 Phil Classics: Modern (4) PHIL 104B History of Western (3) Philosophy

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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.

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END OF MAJOR

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

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

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

## **REQUIREMENTS FOR ADMISSION:**

#### (for 2019-20)

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

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

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

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

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

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

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

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

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

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

## College Foreign Language Requirement Note:

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	  BIOL 	210A	Introduction to the (4) Biological Sciences I
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL	210A <u>&amp;</u>	_
			BIOL   	210B	Introduction to the (4) Biological Sciences II
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL   	210B	Introduction to the (4) Biological Sciences II
CHEM 2A Ge	nl Chemistry	(5)	СНЕМ 	200 <u>&amp;</u>	General Chemistry I - (3) Lecture
			CHEM	200L	General Chemistry I - (2) Laboratory
CHEM 2B Ge	nl Chemistry	(5)	CHEM	200 <u>&amp;</u>	General Chemistry I - (3) Lecture
			CHEM	200L <u>&amp;</u>	General Chemistry I - (2) Laboratory
			CHEM	201 <u>&amp;</u>	General Chemistry II (3) - Lecture
			CHEM	201L	

 CHEM 8A	Organic Chem-Brief	(2)	CHEM 130 & Introduction to (3)
			Organic and Biological Chemistry
			CHEM 130L Introduction to (1)
			Organic and
			Biological Chemistry Laboratory
CHEM 8B	Organic Chem-Brief	(4)	CHEM 130 & Introduction to (3)
	-		Organic and
			Biological Chemistry
			CHEM 130L Introduction to (1) Organic and
			Biological Chemistry
			Laboratory
GITTLE 1103		( 4 )	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 231 <u>&amp;</u> Organic Chemistry I - (3) Lecture
			CHEM 231L Organic Chemistry I (2) Laboratory
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 231 & Organic Chemistry I - (3)
			Lecture
			CHEM 231L <u>&amp;</u> Organic Chemistry I (2) Laboratory
			CHEM 233 & Organic Chemistry II (3)
			- Lecture
			CHEM 233L Organic Chemistry II (2) Laboratory
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 233 & Organic Chemistry II (3)
			- Lecture
			CHEM 233L Organic Chemistry II (2) Laboratory
 MATH 17A	Calculus for BioSci	( 1 )	NO COURSE ARTICULATED: College has not
MAIN I/A	Calculus for Bloser	(4)	submitted course(s) for articulation
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
MATH 21A	<b>OR</b> Calculus	(1)	OR  MATH 150 Calculus with Analytic (5)
MAIN ZIA	Calculus	( = )	Geometry I
MATH 21B	Calculus	(4)	MATH 151 Calculus with Analytic (4)
			Geometry II
PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE
PHYSICS 1B			NO COMPARABLE COURSE
	OR		OR
PHYSICS 7A	General Physics	(4)	PHYS 125 & General Physics (5)
PHYSICS 7B	General Physics	(4)	PHYS 126General Physics II(5)PHYS 125 & General Physics(5)
	Concrat inybiob	( 1 )	PHYS 126 General Physics II (5)
PHYSICS 7C	General Physics	(4)	PHYS 125 & General Physics (5)
			PHYS 126 General Physics II (5)
			mplete an entire physics series at t to the entire UC Davis Physics 7A/B/C

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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END OF MAJOR

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

Special Advising Note:

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

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

# **REQUIREMENTS FOR ADMISSION:**

(for 2019-20)

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

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

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

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

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

Transfer students must also meet UC transfer admission requirements. UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. See the <u>UC Transfer</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 <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> for details regarding UC Davis TAG.

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 	210A		Introduction to the (4) Biological Sciences I
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL	210A	<u>&amp;</u>	Introduction to the (4) Biological Sciences I
			  BIOL 	210B		Introduction to the (4) Biological Sciences
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life		BIOL	210B		Introduction to the (4) Biological Sciences II
CHEM 2A	Genl Chemistry	(5)	   СНЕМ 	200	<u>&amp;</u>	General Chemistry I - (3) Lecture
			CHEM	200L		General Chemistry I - (2) Laboratory
CHEM 2B	Genl Chemistry	(5)	CHEM	200	<u>&amp;</u>	General Chemistry I - (3) Lecture
			CHEM	200L	<u>&amp;</u>	General Chemistry I - (2) Laboratory
			CHEM	201	<u>&amp;</u>	General Chemistry II (3) - Lecture
			CHEM	201L		General Chemistry II (2) - Laboratory
CHEM 2C	Genl Chemistry	(5)	CHEM	201	<u>&amp;</u>	General Chemistry II (3) - Lecture
			CHEM	201L		General Chemistry II (2) - Laboratory
CHEM 8A	Organic Chem-Brief	(2)	CHEM	130	<u>&amp;</u>	Introduction to (3) Organic and
						Biological Chemistry
			CHEM	130L		Introduction to (1) Organic and
						Biological Chemistry
CHEM 8B	Organic Chem-Brief	(4)	CHEM	130	<u>&amp;</u>	Laboratory Introduction to (3)
						Organic and Biological Chemistry
			CHEM	130L		Introduction to (1)
						Organic and Biological Chemistry Laboratory
	OR					OR
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM	231	<u>&amp;</u>	Organic Chemistry I - (3)

			Lecture CHEM 231L Organic Chemistry I (2)
			Laboratory
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 231 & Organic Chemistry I - (3)
			Lecture
			CHEM 231L & Organic Chemistry I (2)
			Laboratory
			CHEM 233 & Organic Chemistry II (3)
			- Lecture
			CHEM 233L Organic Chemistry II (2) Laboratory
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 233 & Organic Chemistry II (3)
		( - )	- Lecture
			CHEM 233L Organic Chemistry II (2)
			Laboratory
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
MARTI 01A	OR	( 1 )	OR
MATH 21A	Calculus	(4)	MATH 150 Calculus with Analytic (5)
MATH 21B	Calculus	$(\mathbf{A})$	Geometry I MATH 151 Calculus with Analytic (4)
MAIN ZID	Calculus	(1)	Geometry II
PHYSICS 7A	General Physics	(4)	PHYS 125 & General Physics (5)
			PHYS 126 General Physics II (5)
PHYSICS 7B	General Physics	(4)	PHYS 125 & General Physics (5)
			PHYS 126 General Physics II (5)
PHYSICS 7C	General Physics	(4)	PHYS 125 & General Physics (5)
			PHYS 126 General Physics II (5)
			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.	will need to meet with a	UC Day	IVIS AUVISOL DELOLE CONCLIMING WICH
MIC BIO 91	Intro Research	(1)	NO COURSE ARTICULATED
	שם	COMMEI	יריקרואי.
MATH 21C	Calculus		MATH 252 Calculus with Analytic (4)
MAIII 210	Calculus	( = )	Geometry III

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

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## Transfer Admission Guarantee (TAG) Note:

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

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

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

## 

#### 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 <a href="http://llc.ucdavis.edu/foreign-language-placement-exams">http://llc.ucdavis.edu/foreign-language-placement-exams</a> 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. \_\_\_\_\_ Intro to Middle East HISTORY 6 (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation HISTORY 8 Indian Civilization (4) NO COMPARABLE COURSE \_\_\_\_\_ TWO YEARS (OR THE EQUIVALENT) OF ARABIC, HEBREW, OR HINDI/URDU: 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 (5) NO COURSE ARTICULATED: College has not ARABIC 3 Elem Arabic 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 (4) NO COURSE ARTICULATED: College has not ARABIC 23 Intermed Arabic submitted course(s) for articulation OR OR HEBREW 1 Elem Hebrew (5) NO COMPARABLE COURSE HEBREW 2 Elem Hebrew (5) NO COMPARABLE COURSE HEBREW 3 Elem Hebrew (5) NO COMPARABLE COURSE HEBREW 21 Intermed Modern Hebrew I (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation HEBREW 22 Intermed Modern Hebrew II (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation

HEBREW 23 Intermed Modern Hebrew III OR	[(4)	NO COURSE ARTICULATED
HIN-URD 1 Elem Hindi/Urdu I	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HIN-URD 2 Elem Hindi/Urdu II	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HIN-URD 3 Elem Hindi/Urdu III	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HIN-URD 21 Intermed Hindi/Urdu I	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HIN-URD 22 Intermed Hindi/Urdu II	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HIN-URD 23 Intermed Hindi/Urdu III	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
OTHER MIDDLE EAST/SOUTH ASIA STUDIES	REGIO	ONAL LANGUAGES ACCEPTED WITH PETITION.
ADDIT	LONAL	ELECTIVES:
ADDITI ARTHI 1E Islamic Art &		NO COURSE ARTICULATED: College has not
ARTHI 1E Islamic Art &	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not
ARTHI 1E Islamic Art & Architecture CLASSIC 1 N East/Early Gr	(4) (4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ARTHI 1E Islamic Art & Architecture CLASSIC 1 N East/Early Gr COMPLIT 53B Lit of South Asia	(4) (4) (4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COMPARABLE COURSE
ARTHI 1E Islamic Art & Architecture CLASSIC 1 N East/Early Gr COMPLIT 53B Lit of South Asia COMPLIT 53C Lit of the Islamic	(4) (4) (4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COMPARABLE COURSE NO COURSE ARTICULATED: College has not
ARTHI 1E Islamic Art & Architecture CLASSIC 1 N East/Early Gr COMPLIT 53B Lit of South Asia	(4) (4) (4) (4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COMPARABLE COURSE
ARTHI 1E Islamic Art & Architecture CLASSIC 1 N East/Early Gr COMPLIT 53B Lit of South Asia COMPLIT 53C Lit of the Islamic World	(4) (4) (4) (4) (4)	<pre>NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COMPARABLE COURSE NO COURSE ARTICULATED: College has not submitted course(s) for articulation HUMA 104 Introduction to the (3)</pre>
ARTHI 1E Islamic Art & Architecture CLASSIC 1 N East/Early Gr COMPLIT 53B Lit of South Asia COMPLIT 53C Lit of the Islamic World REL STD 21 The Bible	<pre>(4) (4) (4) (4) (4) (4) (4)</pre>	<pre>NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COMPARABLE COURSE NO COURSE ARTICULATED: College has not submitted course(s) for articulation HUMA 104 Introduction to the (3) Old Testament</pre>
ARTHI 1EIslamic Art & ArchitectureCLASSIC 1N East/Early GrCOMPLIT 53BLit of South Asia Lit of the Islamic WorldREL STD 21The BibleREL STD 60Intro Judaism The Qur'an and Its	<pre>(4) (4) (4) (4) (4) (4) (4) (4)</pre>	<pre>NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COMPARABLE COURSE NO COURSE ARTICULATED: College has not submitted course(s) for articulation HUMA 104 Introduction to the (3) Old Testament NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COURSE ARTICULATED: College has not</pre>
ARTHI 1EIslamic Art & ArchitectureCLASSIC 1N East/Early GrCOMPLIT 53BLit of South Asia Lit of the Islamic WorldREL STD 21The BibleREL STD 23Intro Judaism Introduction to Islam	<pre>(4) (4) (4) (4) (4) (4) (4) (4) (4) (4)</pre>	<pre>NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COMPARABLE COURSE NO COURSE ARTICULATED: College has not submitted course(s) for articulation HUMA 104 Introduction to the (3) Old Testament NO COMPARABLE COURSE NO COMPARABLE COURSE</pre>
<pre>ARTHI 1E Islamic Art &amp; Architecture CLASSIC 1 N East/Early Gr COMPLIT 53B Lit of South Asia COMPLIT 53C Lit of the Islamic World REL STD 21 The Bible REL STD 23 Intro Judaism REL STD 60 Introduction to Islam REL STD 65C The Qur'an and Its Interpretation REL STD 68 Hinduism</pre>	<pre>(4) (4) (4) (4) (4) (4) (4) (4) (4) (4)</pre>	<pre>NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COMPARABLE COURSE NO COURSE ARTICULATED: College has not submitted course(s) for articulation HUMA 104 Introduction to the (3) Old Testament NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not</pre>

END OF MAJOR

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

# Special Advising Note:

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

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

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

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

# College Foreign Language Requirement Note:

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

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

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

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

MUSIC 2A	Keyboard Competence	(2)	CREDIT WILL BE DETERMINED BY UC DAVIS
			MUSIC DEPARTMENT'S PLACEMENT EXAMS.
MUSIC 2B	Keyboard Competence	(2)	CREDIT WILL BE DETERMINED BY UC DAVIS
			MUSIC DEPARTMENT'S PLACEMENT EXAMS.
MUSIC 2C	Keyboard Competence	(2)	CREDIT WILL BE DETERMINED BY UC DAVIS
			MUSIC DEPARTMENT'S PLACEMENT EXAMS.

# STUDENTS MAY PASS OUT OF ONE OR MORE QUARTERS OF MUSIC 2A-C THROUGH EXAMINATION

c) MUSIC 6A	Elementary Theory	(3)	MUSI 158A Music Theory I (4)
MUSIC 6B	Elementary Theory	(3)	CREDIT TO BE DETERMINED BY UC DAVIS MUSIC DEPARTMENT'S PLACEMENT EXAMS.
MUSIC 6C	Elementary Theory	(3)	CREDIT TO BE DETERMINED BY UC DAVIS MUSIC DEPARTMENT'S PLACEMENT EXAMS.
MUSIC 7A	Intermediate Theory	(3)	CREDIT TO BE DETERMINED BY UC DAVIS
			MUSIC DEPARTMENT'S PLACEMENT EXAMS.
MUSIC 7B	Intermediate Theory	(3)	CREDIT TO BE DETERMINED BY UC DAVIS
			MUSIC DEPARTMENT'S PLACEMENT EXAMS.
MUSIC 7C	Intermediate Theory	(3)	CREDIT TO BE DETERMINED BY UC DAVIS
			MUSIC DEPARTMENT'S PLACEMENT EXAMS.
MUSIC 16A	Elem Musicianship	(2)	CREDIT TO BE DETERMINED BY UC DAVIS
MODIC IOA	Biem Musicianship	(2)	MUSIC DEPARTMENT'S PLACEMENT EXAMS.
MUSIC 16B	Elem Musicianship	(2)	CREDIT TO BE DETERMINED BY UC DAVIS
MODIC IOD		(2)	MUSIC DEPARTMENT'S PLACEMENT EXAMS.
MUSIC 16C	Elem Musicianship	(2)	CREDIT TO BE DETERMINED BY UC DAVIS
MUSIC 10C	ETEM MUSICIANSHIP	(2)	
			MUSIC DEPARTMENT'S PLACEMENT EXAMS.

# STUDENTS MAY PASS OUT OF ONE OR MORE QUARTERS OF MUSIC 16A-C THROUGH EXAMINATION

MUSIC 17A	Intermediate		CREDIT TO BE DETERMINED BY UC DAVIS
	Musicianship		MUSIC DEPARTMENT'S PLACEMENT EXAMS.
MUSIC 17B	Intermediate	(2)	CREDIT TO BE DETERMINED BY UC DAVIS
	Musicianship		MUSIC DEPARTMENT'S PLACEMENT EXAMS.
MUSIC 17C	Intermediate	(2)	CREDIT TO BE DETERMINED BY UC DAVIS
	Musicianship		MUSIC DEPARTMENT'S PLACEMENT EXAMS.

# STUDENTS MAY PASS OUT OF ONE OR MORE QUARTERS OF MUSIC 17A-C THROUGH EXAMINATION

MUSIC 24A	Intro Music History	(3) NO COMPARABLE COURSE
MUSIC 24B	Intro Music History	(3) NO COMPARABLE COURSE
MUSIC 24C	Intro Music History	(3) NO COMPARABLE COURSE

#### END OF MAJOR

c) Students who take MUSI 158A at San Diego Mesa College will receive credit for either MUSIC 3B or MUSIC 6A at UC Davis, 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 <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 <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> for details regarding UC Davis TAG.

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

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

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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 <a href="http://llc.ucdavis.edu/foreign-language-placement-exams">http://llc.ucdavis.edu/foreign-language-placement-exams</a> 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  $\underline{General \ Catalog}$ . Quick reference charts for  $\underline{AP}$  and  $\underline{IB}$  are also available from our TAG website.

n a std 1	Intro NA Studies	(4)   NO COMPARABLE COURSE
N A STD 10	NA Experience OR	(4)   NO COMPARABLE COURSE   OR
n a std 12	Native Amer/Indigenous Film	(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation

## ONE OR TWO COURSES FROM:

n a std 5	Intro NA Literature	(4)	NO COMPARABLE COURSE
N A STD 12	Native Amer/Indigenous	(4)	NO COURSE ARTICULATED: College has not
	Film		submitted course(s) for articulation
n a std 32	NA Music & Dance	(4)	NO COMPARABLE COURSE
n a std 33	Intro NA Art	(4)	NO COMPARABLE COURSE
n a 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
ANTHRO 2 C	Cultural Anthropology	(5)	ANTH 103 Introduction to (3) Cultural Anthropology
ANTHRO 20	Comparative Cultures	(4)	NO COMPARABLE COURSE
ANTHRO 24	Ancient Crops and People	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
A A STD 1	Hist Exp Asian Am	• •	NO COMPARABLE COURSE
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	(4)	CHIC 110A Introduction to (3)
			Chicano Studies
			OR
			CHIC 110B Introduction to (3)
			Chicano Studies
CHICANO 21	Hlth Care Issues	. ,	NO COMPARABLE COURSE
CHICANO 23	Qualitative Research	(4)	NO COURSE ARTICULATED: College has not
	Methods	(	submitted course(s) for articulation
COMPLIT 25	Ethnic Writers	• •	NO COMPARABLE COURSE
CM&RGDE 2	Ethnicity Amer Comm	• •	NO COMPARABLE COURSE
ENV S&P 10	Current Issues in Environment	(3)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation ents who have completed ENV S&P 1
	Latin America to 1700		
HISTORY 7A	Latin America to 1700	(4)	HIST 115A History of the (3) Americas I
HISTORY 7B	Latin America 1700 1000	(1)	HIST 115B History of the (3)
HISIOKI /B	Latin America 1700-1900	(4)	Americas II
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 109	History of the United	(3)
LINGUIS 1	Intro Linguistics	 (4) ENGL 202 	States I Introduction to Linguistics	(3)

END OF MAJOR

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

## IMPORTANT ADVISORY FOR FALL 2018 APPLICANTS:

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

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END OF MAJOR

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

#### Special Advising Note:

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

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

## REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

It is also <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 <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> for details regarding UC Davis TAG.

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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 Earth	(5)	BIOL 	210A		Introduction to the (4) Biological Sciences I
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL	210A	<u>&amp;</u>	Introduction to the (4) Biological Sciences I
			BIOL	210B		Introduction to the (4) Biological Sciences II
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life		BIOL   	210B		Introduction to the (4) Biological Sciences II
CHEM 2A	Genl Chemistry	(5)	   СНЕМ 	200	<u>&amp;</u>	General Chemistry I - (3) Lecture
			CHEM	200L		General Chemistry I - (2) Laboratory
CHEM 2B	Genl Chemistry	(5)	CHEM	200	<u>&amp;</u>	General Chemistry I - (3) Lecture
			CHEM	200L	<u>&amp;</u>	General Chemistry I - (2) Laboratory
			CHEM	201	<u>&amp;</u>	General Chemistry II (3) - Lecture
			CHEM	201L		General Chemistry II (2) - Laboratory
CHEM 2C	Genl Chemistry	(5)	CHEM	201	<u>&amp;</u>	General Chemistry II (3) - Lecture
			CHEM 	201L		General Chemistry II (2) - Laboratory
CHEM 8A	Organic Chem-Brief	(2)	CHEM	130	<u>&amp;</u>	Introduction to (3)

		    CHEM   	130L		Organic and Biological Chemistry Introduction to (1) Organic and Biological Chemistry Laboratory
CHEM 8B Organic Chem-	-Brief (4)	CHEM	130	<u>&amp;</u>	Introduction to (3) Organic and Biological Chemistry
OR		CHEM     	130L		Introduction to (1) Organic and Biological Chemistry Laboratory OR
CHEM 118A Org Chem, H	Hlth & Sci (4)	CHEM	231 231L	<u>&amp;</u>	Organic Chemistry I - (3) Lecture Organic Chemistry I (2)
CHEM 118B Org Chem, H	Alth & Sci (4)	CHEM			Laboratory Organic Chemistry I - (3) Lecture
			231L	_	Organic Chemistry I (2) Laboratory
		CHEM	233 233L	<u>&amp;</u>	- Lecture Organic Chemistry II (2)
CHEM 118C Org Chem, H	Hlth & Sci (4)	į	233 233L	_	Laboratory Organic Chemistry II (3) - Lecture Organic Chemistry II (2)
					Laboratory
MATH 17A Calculus for		submi	itted	CO	TICULATED: College has not urse(s) for articulation
MATH 17B Calculus for	r Biosci (4)				<pre>IICULATED: College has not urse(s) for articulation</pre>
MATH 17C Calculus for <b>OR</b>	r BioSci (4)	NO CC	DURSE	AR'	TICULATED: College has not urse(s) for articulation OR
MATH 21A Calculus	(4)	MATH	150		Calculus with Analytic (5)
MATH 21B Calculus		  MATH 	151		Geometry I Calculus with Analytic (4) Geometry II
PHYSICS 7A General Pl		-	-		General Physics (5)
PHYSICS 7B General Pl	nysics (4)		125 <u>8</u>	<u>£</u>	General Physics II (5) General Physics (5)
PHYSICS 7C General Pl	nysics (4)		125 <u>8</u>	<u>s</u>	General Physics II (5) General Physics (5)
It is highly recommended	d that students co				General Physics II (5) ire physics series at

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

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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

<u>highly recommended</u> 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 <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> for details regarding UC Davis TAG.

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

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

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

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

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

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

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 	210A		Introduction to the (4) Biological Sciences I
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL	210A	<u>&amp;</u>	
			BIOL 	210B		Introduction to the (4) Biological Sciences
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life		BIOL   			Introduction to the (4) Biological Sciences II
CHEM 2A	Genl Chemistry	(5)	   СНЕМ 			
			CHEM	200L		General Chemistry I - (2) Laboratory
CHEM 2B	Genl Chemistry	(5)	CHEM	200	<u>&amp;</u>	General Chemistry I - (3) Lecture
			CHEM	200L	<u>&amp;</u>	General Chemistry I - (2) Laboratory
			CHEM	201	<u>&amp;</u>	General Chemistry II (3) - Lecture
			CHEM	201L		General Chemistry II (2) - Laboratory
CHEM 2C	Genl Chemistry	(5)	CHEM	201	<u>&amp;</u>	
			CHEM	201L		General Chemistry II (2)
			İ			- Laboratory
	Organic Chem-Brief		 			Introduction to (3)
			   CHEM   		<u>&amp;</u>	Introduction to (3) Organic and Biological Chemistry Introduction to (1) Organic and Biological Chemistry
CHEM 8A		(2)	CHEM     CHEM   	130	<u>&amp;</u>	Introduction to (3) Organic and Biological Chemistry Introduction to (1) Organic and Biological Chemistry Laboratory Introduction to (3) Organic and
CHEM 8A	Organic Chem-Brief	(2)	 CHEM     CHEM     CHEM	130 130L	<u>&amp;</u>	Introduction to (3) Organic and Biological Chemistry Introduction to (1) Organic and Biological Chemistry Laboratory Introduction to (3) Organic and Biological Chemistry Introduction to (1) Organic and
CHEM 8A	Organic Chem-Brief	(2)	 CHEM     CHEM     CHEM	130 130L 130	<u>&amp;</u>	Introduction to (3) Organic and Biological Chemistry Introduction to (1) Organic and Biological Chemistry Laboratory Introduction to (3) Organic and Biological Chemistry Introduction to (1)
CHEM 8A	Organic Chem-Brief Organic Chem-Brief	(2)	 CHEM     CHEM     CHEM	130 130L 130 130L	<u>&amp;</u>	Introduction to (3) Organic and Biological Chemistry Introduction to (1) Organic and Biological Chemistry Laboratory Introduction to (3) Organic and Biological Chemistry Introduction to (1) Organic and Biological Chemistry Laboratory OR Organic Chemistry I - (3) Lecture
СНЕМ 8А СНЕМ 8В	Organic Chem-Brief Organic Chem-Brief OR Org Chem, Hlth & Sci	(2) (4)	CHEM CHEM CHEM CHEM CHEM	130 130L 130 130L 231 231L	<u>8</u>	Introduction to (3) Organic and Biological Chemistry Introduction to (1) Organic and Biological Chemistry Laboratory Introduction to (3) Organic and Biological Chemistry Introduction to (1) Organic and Biological Chemistry Laboratory <b>OR</b> Organic Chemistry I - (3) Lecture Organic Chemistry I (2) Laboratory
CHEM 8A CHEM 8B	Organic Chem-Brief Organic Chem-Brief OR	(2) (4)	CHEM CHEM CHEM CHEM CHEM CHEM	130 130L 130 130L 231 231L		Introduction to (3) Organic and Biological Chemistry Introduction to (1) Organic and Biological Chemistry Laboratory Introduction to (3) Organic and Biological Chemistry Introduction to (1) Organic and Biological Chemistry Laboratory <b>OR</b> Organic Chemistry I - (3) Lecture Organic Chemistry I (2)

			  CHEM	233	<u>&amp;</u>	Laboratory Organic Chemistry II - Lecture	(3)
			CHEM	233L		Organic Chemistry II Laboratory	(2)
CHEM 128A	<b>OR</b> Organic Chemistry	(3)	  CHEM	231		OR Organic Chemistry I - Lecture	(3)
CHEM 128B	Organic Chemistry	(3)	CHEM	231	<u>&amp;</u>	Organic Chemistry I - Lecture	(3)
			CHEM	233		Organic Chemistry II - Lecture	(3)
	Organic Chem Lab					Organic Chemistry I Laboratory	
NUTR 10	Discoveries and Concepts	(3)	NUTR	150		Nutrition	(3)
	Research Methods			255			(3)
202707 4C3	OR	( )				OR	
SOCIOL 46A	Intro Social Rsch	(4)	NO CO		ABI	E COURSE	
The	remaining preparatory subj major option y				bas	ed on which	
	NUTRITIONAL						
ANTHRO 2	Cultural Anthropology	(5)	ANTH   	103		Introduction to Cultural Anthropology OR	(3)
PSYCH 1	General Psychology OR	(4)	PSYC	101			(3)
SOCIOL 1	Intro Sociology OR	(5)	soco	101		Principles of Sociology OR	(3)
SOCIOL 3		(4)	soco 	110		Contemporary Social Problems	(3)
MATH 16A	Short Calculus	(3)	   MATH 	121		Basic Techniques of Applied Calculus I	(3)
MATH 16B	Short Calculus					Basic Techniques of Calculus II	
PHYSICS 1A	Principles Physics	(3)	NO CO	OMPAR	ABL	E COURSE	
PHYSICS 1B	Principles Physics	(3)	NO CO		ABI 	E COURSE	
	NUTRITION IN	DITRT.	TC HE	אד.ידים מ	רס∩	'TON•	
ANTHRO 2	Cultural Anthropology					Introduction to Cultural Anthropology	(3)
SOCIOL 1	<b>OR</b> Intro Sociology	(5)	   SOCO 	101		OR Principles of Sociology	(3)
	OR Social Problems		İ			OR Contemporary Social Problems	
	Princ of Microecon						
	Princ of Macroecon						(3)
PSYCH 1	General Psychology	(4)	PSYC	101			

LOWER-DIV	VISION ELECTIVES BY AREA F	OR TI	HE NUTRITION IN PUBLIC HEALTH OPTION:
Agricultural	and Health Policy Area:		
AGRESEC 15	Pop,Envr,World Agri	(4)	NO COMPARABLE COURSE
<u>Cultural Div</u>	versity and Community Chan	ge Ar	rea:
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)	NO COMPARABLE COURSE
INT AG 10	Intro Intl Ag	(4)	NO COMPARABLE COURSE
	Development		
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 END OF MAJOR	Feeding the Planet	(3)	NO COMPARABLE COURSE

## ====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 <u>highly recommended</u> that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. See the U<u>C Transfer Admission website</u> 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.

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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

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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 <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> for details regarding UC Davis TAG.

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

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

CHEM 2A	Genl Chemistry	(5) CH 	EM 200	General Chemistry I - (3) Lecture
		СН	EM 200L	General Chemistry I - (2)
				Laboratory
CHEM 2B	Genl Chemistry	(5) сн	EM 200	& General Chemistry I - (3)
				Lecture
		СН	EM 200L	& General Chemistry I - (2)
		j		Laboratory
		СН	EM 201	& General Chemistry II (3)
		j		- Lecture
		СН	EM 201L	General Chemistry II (2)
		ĺ		- Laboratory
CHEM 2C	Genl Chemistry	(5) CH	EM 201	<u>▲</u> General Chemistry II (3)
				- Lecture
		CH	EM 201L	General Chemistry II (2)
				- Laboratory
	OR			OR
CHEM 2AH	Honors Genl Chemistry	(5) NO	COURSE	ARTICULATED: College has not
		su	bmitted	course(s) for articulation
CHEM 2BH	Honors Genl Chemistry			ARTICULATED: College has not
		su	bmitted	course(s) for articulation
CHEM 2CH	Honors Genl Chemistry			ARTICULATED: College has not
		su	bmitted	course(s) for articulation

	General Physics	(4)	PHYS 125 & General Physics (5)
PHYSICS 7B	General Physics	(4)	PHYS 126General Physics II(5)PHYS 125 & General Physics(5)
INIDICO /D	General Inysies	(1)	PHYS 126 General Physics II (5)
PHYSICS 7C	General Physics	(4)	PHYS 125 & General Physics (5)
It is highl	v recommended that student	s coi	PHYS 126 General Physics II (5) omplete an entire physics series at
			nt to the entire UC Davis Physics 7A/B/C
			transfer without completing an entire
			physics courses upon arrival at UC avis advisor before continuing with
physics.	will need to meet with a t	IC Da	IVIS advisor before continuing with
PH/ 5105.	OR		OR
PHYSICS 9A	-		PHYS 195 Mechanics (5)
PHYSICS 9B	Classical Physics	(5)	PHYS 196 $\underline{\&}$ Electricity and (5)
			MagnetismPHYS 197Waves, Optics and(5)
			Modern Physics
PHYSICS 9C	Classical Physics	(5)	PHYS 196 Electricity and (5)
			Magnetism
 MATH 16A	Short Calculus	(2)	MATH 121 Basic Techniques of (3)
MAIN IOA	Short Carcurus	(3)	Applied Calculus I
MATH 16B	Short Calculus	(3)	MATH 122 Basic Techniques of (3)
			Calculus II
MATH 16C	Short Calculus	(3)	MATH 122 Basic Techniques of (3) Calculus II
	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 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	(4)	MATH 150 Calculus with Analytic (5) Geometry I
MATH 21B	Calculus	(4)	MATH 151 Calculus with Analytic (4)
MATH 21C	Calculus	(4)	Geometry II
			MATH 252 Calculus with Analytic (4)
BIOLSCI 2A	Intro Biology:Life on	(5)	MATH 252 Calculus with Analytic (4) Geometry III
BIOLSCI 2A	Earth		MATH 252 Calculus with Analytic (4) Geometry III BIOL 210A Introduction to the (4) Biological Sciences I
BIOLSCI 2A BIOLSCI 2B	Earth Intro Biology: Ecology		MATH 252 Calculus with Analytic (4) Geometry III BIOL 210A Introduction to the (4) Biological Sciences I BIOL 210A & Introduction to the (4)
	Earth		MATH 252 Calculus with Analytic (4) Geometry III BIOL 210A Introduction to the (4) Biological Sciences I BIOL 210A & Introduction to the (4) Biological Sciences I
	Earth Intro Biology: Ecology		MATH 252 Calculus with Analytic (4) Geometry III BIOL 210A Introduction to the (4) Biological Sciences I BIOL 210A & Introduction to the (4)
	Earth Intro Biology: Ecology		MATH 252 Calculus with Analytic (4) Geometry III BIOL 210A Introduction to the (4) Biological Sciences I BIOL 210A & Introduction to the (4) Biological Sciences I BIOL 210B Introduction to the (4)
BIOLSCI 2B	Earth Intro Biology: Ecology & Evolution OR	(5)	MATH 252       Calculus with Analytic (4) Geometry III         BIOL 210A       Introduction to the (4) Biological Sciences I         BIOL 210A       Introduction to the (4) Biological Sciences I         BIOL 210B       Introduction to the (4) Biological Sciences I         BIOL 210B       Introduction to the (4) Biological Sciences I         Introduction to the (4)       Biological Sciences I         Introduction to the (4)       Biological Sciences         II       INTRODUCTION TO THE (4)
	Earth Intro Biology: Ecology & Evolution OR Intro Biology:	(5)	MATH 252       Calculus with Analytic (4) Geometry III         BIOL 210A       Introduction to the (4) Biological Sciences I         BIOL 210A       Introduction to the (4) Biological Sciences I         BIOL 210B       Introduction to the (4) Biological Sciences I         BIOL 210B       Introduction to the (4) Biological Sciences I         BIOL 210B       Introduction to the (4) Biological Sciences I         BIOL 210B       Introduction to the (4)         Biological Sciences I         II       OR         BIOL 210B       Introduction to the (4)
BIOLSCI 2B	Earth Intro Biology: Ecology & Evolution OR	(5)	MATH 252       Calculus with Analytic (4) Geometry III         BIOL 210A       Introduction to the (4) Biological Sciences I         BIOL 210A       Introduction to the (4) Biological Sciences I         BIOL 210B       Introduction to the (4) Biological Sciences I         BIOL 210B       Introduction to the (4) Biological Sciences I         Introduction to the (4)       Biological Sciences I         Introduction to the (4)       Biological Sciences         II       INTRODUCTION TO THE (4)
BIOLSCI 2B BIOLSCI 2C	Earth Intro Biology: Ecology & Evolution OR Intro Biology: Biodiversity & the Tree of Life	(5)	MATH 252       Calculus with Analytic (4) Geometry III         BIOL 210A       Introduction to the (4) Biological Sciences I         BIOL 210A       Introduction to the (4) Biological Sciences I         BIOL 210B       Introduction to the (4) Biological Sciences I         BIOL 210B       Introduction to the (4) Biological Sciences II         BIOL 210B       Introduction to the (4) Biological Sciences II         BIOL 210B       Introduction to the (4) Biological Sciences II         II       II
BIOLSCI 2B BIOLSCI 2C STATIST 13	Earth Intro Biology: Ecology & Evolution OR Intro Biology: Biodiversity & the Tree of Life Elementary Statistics	(5)	MATH 252       Calculus with Analytic (4) Geometry III         BIOL 210A       Introduction to the (4) Biological Sciences I         BIOL 210A       Introduction to the (4) Biological Sciences I         BIOL 210B       Introduction to the (4) Biological Sciences I         BIOL 210B       Introduction to the (4) Biological Sciences II         BIOL 210B       Introduction to the (4) Biological Sciences II         BIOL 210B       Introduction to the (4) Biological Sciences II         BIOL 210B       Introduction to the (4) Biological Sciences         BIOL 200       Biological Statistics (3)
BIOLSCI 2B BIOLSCI 2C STATIST 13	Earth Intro Biology: Ecology & Evolution OR Intro Biology: Biodiversity & the Tree of Life	(5)	MATH 252       Calculus with Analytic (4) Geometry III         BIOL 210A       Introduction to the (4) Biological Sciences I         BIOL 210A       Introduction to the (4) Biological Sciences I         BIOL 210B       Introduction to the (4) Biological Sciences I         BIOL 210B       Introduction to the (4) Biological Sciences II         BIOL 210B       Introduction to the (4) Biological Sciences II         BIOL 210B       Introduction to the (4) Biological Sciences II         BIOL 210B       Introduction to the (4) Biological Sciences         BIOL 200       Biological Statistics (3)         OR       OR
BIOLSCI 2B BIOLSCI 2C STATIST 13	Earth Intro Biology: Ecology & Evolution OR Intro Biology: Biodiversity & the Tree of Life Elementary Statistics	(5)	MATH 252       Calculus with Analytic (4) Geometry III         BIOL 210A       Introduction to the (4) Biological Sciences I         BIOL 210A       Introduction to the (4) Biological Sciences I         BIOL 210B       Introduction to the (4) Biological Sciences I         BIOL 210B       Introduction to the (4) Biological Sciences II         BIOL 210B       Introduction to the (4) Biological Sciences II         BIOL 210B       Introduction to the (4) Biological Sciences II         BIOL 210B       Introduction to the (4) Biological Sciences         BIOL 200       Biological Statistics (3)         OR
BIOLSCI 2B BIOLSCI 2C STATIST 13	Earth Intro Biology: Ecology & Evolution OR Intro Biology: Biodiversity & the Tree of Life Elementary Statistics	(5)	MATH 252 Calculus with Analytic (4) Geometry III BIOL 210A Introduction to the (4) Biological Sciences I BIOL 210A & Introduction to the (4) Biological Sciences I BIOL 210B Introduction to the (4) Biological Sciences II OR BIOL 210B Introduction to the (4) Biological Sciences II BIOL 210B Introduction to the (4) Biological Sciences II BIOL 200 Biological Statistics (3) OR MATH 119 Elementary Statistics (3) OR PSYC 258 Behavioral Science (3)
BIOLSCI 2B BIOLSCI 2C STATIST 13	Earth Intro Biology: Ecology & Evolution OR Intro Biology: Biodiversity & the Tree of Life Elementary Statistics STATIST 13Y	(5)	MATH 252 Calculus with Analytic (4) Geometry III BIOL 210A Introduction to the (4) Biological Sciences I BIOL 210A & Introduction to the (4) Biological Sciences I BIOL 210B Introduction to the (4) Biological Sciences II OR BIOL 210B Introduction to the (4) Biological Sciences II BIOL 210B Biological Sciences II BIOL 200 Biological Statistics (3) OR MATH 119 Elementary Statistics (3) OR PSYC 258 Behavioral Science (3) Statistics
BIOLSCI 2B BIOLSCI 2C STATIST 13 Same as:	Earth Intro Biology: Ecology & Evolution OR Intro Biology: Biodiversity & the Tree of Life Elementary Statistics	(5) (5) (4)	MATH 252 Calculus with Analytic (4) Geometry III BIOL 210A Introduction to the (4) Biological Sciences I BIOL 210A & Introduction to the (4) Biological Sciences I BIOL 210B Introduction to the (4) Biological Sciences II OR BIOL 210B Introduction to the (4) Biological Sciences II BIOL 210B Biological Sciences II BIOL 200 Biological Statistics (3) OR MATH 119 Elementary Statistics (3) OR PSYC 258 Behavioral Science (3) Statistics OR

CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 232	<b><u>&amp;</u></b> Organic Chemistry I - Lecture	(3)
			CHEM 231		(2)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 233	—	(3)
			CHEM 233	L <u>&amp;</u> Organic Chemistry I Laboratory	(2)
			CHEM 233	B <u>&amp;</u> Organic Chemistry II - Lecture	(3)
			CHEM 233	BL Organic Chemistry II Laboratory	(2)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 233	3 <u>&amp;</u> Organic Chemistry II - Lecture	(3)
			CHEM 233	BL Organic Chemistry II Laboratory	(2)
	OR			OR	
CHEM 128A	Organic Chemistry	(3)	CHEM 233	Organic Chemistry I - Lecture	(3)
CHEM 128B	Organic Chemistry	(3)	CHEM 233	L <u>▲</u> Organic Chemistry I - Lecture	(3)
			CHEM 233	B Organic Chemistry II - Lecture	(3)
CHEM 128C	Organic Chemistry	(3)	CHEM 233	3 Organic Chemistry II - Lecture	(3)
CHEM 129A	Organic Chem Lab	(2)	CHEM 231	LL Organic Chemistry I Laboratory	(2)
CHEM 129B	Organic Chem Lab	(2)	CHEM 231	LL <u>&amp;</u> Organic Chemistry I Laboratory	(2)
			CHEM 233	BL Organic Chemistry II Laboratory	(2)
CHEM 129C	Organic Chem Lab	(2)	СНЕМ 233   	—	(2)

END OF MAJOR

#### ====Philosophy 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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students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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 <a href="http://llc.ucdavis.edu/foreign-language-placement-exams">http://llc.ucdavis.edu/foreign-language-placement-exams</a> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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

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

PHILOS 12 Intro to Symbol Logic (4) PHIL 101 Symbolic Logic (3)

# AND ONE COURSE FROM ANY THREE OF THE FOLLOWING AREAS

#### a. GENERAL PHILOSOPHY

d)	PHILOS 1	Intro to	Philos	(4)	PHIL 102A	Introduction to Philosophy: Reality and Knowledge	(3)
							( 2 )
					PHIL 103	Historical	(3)
						Introduction to	
						Philosophy	
					OR		
					PHIL 104B	History of Western	(3)
						Philosophy	
					OR	000F/	
					PHIL 108	Perspectives on Human Nature and Society	(3)

# b. ANCIENT PHILOSOPHY

PHILOS 21 Phil Classics: Ancient (4) PHIL 104A History of Western (3) Philosophy

## c. EARLY MODERN PHILOSOPHY

PHILOS 22	Phil Classics: Modern	(4) PHIL 104B	History of Western	(3)
			Philosophy	

# d. PHILOSOPHY OF MIND

PHILOS 13G Minds, Brains Comp (4) NO COURSE ARTICULATED: College has not

submitted course(s)for articulation

w/Disc

# e. ETHICS:

PHILOS 14	Eth Soc Prob in Soc	(4) PHIL 102B Introduction to   Philosophy: Values	(3)
	OR	OR	
PHILOS 15	Intro to Bioethics	(4) NO COMPARABLE COURSE	
	OR	OR	
PHILOS 24	Intro to Ethics	(4) PHIL 109 Issues in Social	(3)
		Philosophy	

# f. PHILOSOPHY OF SCIENCE

PHILOS 30	Intro Philos of Sci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	OR		OR
PHILOS 31	Scientific Reason <b>OR</b>	(4)	PHIL 112 Philosophy of Science (3) OR
PHILOS 32	Scientific Change <b>OR</b>	(4)	NO COMPARABLE COURSE
PHILOS 38	Intro Philos of Biol	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

# g. PHILOSOPHY OF LANGUAGE

PHILOS 17	Language, Thought	. &	(4)	NO COURSE	ARTICULATED:	College has not	
	World		Í	submitted	course(s) fo	r articulation	
PRE-LAW EMPHASIS							

# ONE COURSE FROM THE FOLLOWING:

PHILOS 14	Eth Soc Prob in Soc	(4)	PHIL 102B	Introduction to	(3)
				Philosophy: Values	
PHILOS 15	Intro to Bioethics	(4)	NO COMPARABL	LE COURSE	
PHILOS 16	Phil Foundations of Amer	(4)			
	Democ		submitted co	ourse(s)for articulatio	n

#### ALL OF THE FOLLOWING COURSES:

PHILOS 5	Critical Reasoning	(4) PHIL 100	Logic and Critical	(3)
			Thinking	
PHILOS 12	Intro to Symbol Logic	(4) PHIL 101	Symbolic Logic	(3)
PHILOS 24	Intro to Ethics	(4) PHIL 109	Issues in Social	(3)
			Philosophy	

# PRE-MED EMPHASIS:

# ONE COURSE FROM THE FOLLOWING:

 PHILOS 24
 Intro to Ethics
 (4) PHIL 109
 Issues in Social
 (3) Philosophy

 PHILOS 30
 Intro Philos of Sci
 (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation

 PHILOS 31
 Scientific Reason
 (4) PHIL 112
 Philosophy of Science
 (3)

 PHILOS 32
 Scientific Change
 (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation

 PHILOS 32
 Scientific Change
 (4) NO COMPARABLE COURSE

 ALL OF THE FOLLOWING COURSES:

 PHILOS 12
 Intro to Symbol Logic
 (4) PHIL 101
 Symbolic Logic
 (3)

 PHILOS 15
 Intro to Bioethics
 (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation

 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 PHIL 104B at San Diego Mesa College will receive credit at UC Davis for PHILOS 1 or PHILOS 22 through academic year 16-17. As of fall 2017, they will receive credit for PHILOS 22.

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

# Special Advising Note for future applicants:\*

Beginning fall 2020, the major 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

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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 <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> for details regarding UC Davis TAG.

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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 <a href="http://llc.ucdavis.edu/foreign-language-placement-exams">http://llc.ucdavis.edu/foreign-language-placement-exams</a> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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

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

PHYSICS 9A	Classical Physics	(5)	PHYS 195 Mechanics (5)
PHYSICS 9B	Classical Physics	(5)	PHYS 196 & Electricity and (5)
			Magnetism
			PHYS 197 Waves, Optics and (5)
			Modern Physics
PHYSICS 9C	Classical Physics	(5)	PHYS 196 Electricity and (5)
			Magnetism
PHYSICS 9D	Modern Physics	(4)	PHYS 197 Waves, Optics and (5)
			Modern Physics
	OR	<i>.</i>	OR
PHYSICS 9HA	Honors Physics	(5)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
PHYSICS 9HB	Honors Physics	(5)	NO COURSE ARTICULATED: College has not
DIVOTOS AUG	Honoma Dhugi ga	(E)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not
PHYSICS 9HC	Honors Physics	(5)	submitted course(s) for articulation
PHYSICS 9HD	Honors Physics	(5)	NO COURSE ARTICULATED: College has not
FILIDICS JID	nonors mysres	(5)	submitted course(s) for articulation
PHYSICS 9HE	Honors Physics	(5)	NO COURSE ARTICULATED: College has not
	nonorb rinybreb	(3)	submitted course(s) for articulation
MATH 21A	Calculus	(4)	MATH 150 Calculus with Analytic (5)
			Geometry I
MATH 21B	Calculus	(4)	MATH 151 Calculus with Analytic (4)
			Geometry II
MATH 21C	Calculus	(4)	MATH 252 Calculus with Analytic (4)
			Geometry III
MATH 21D	Vector Analysis	(4)	MATH 252 Calculus with Analytic (4)
			Geometry III
MATH 22A	Linear Algebra	(3)	MATH 254 Introduction to Linear (3)
			Algebra
MATH 22B	Differntl Equations	(3)	MATH 255 Differential Equations (3)
	Exponental Teachrim	( )	
PHISICS 80	Experimental Techniques	(4)	IND COURDE ARTICULATED

## END OF MAJOR

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

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Special Advising Note:

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

highy recommended that students complete a calculus-based physics series, a calculus series through linear algebra and differential equations, and a formal course in C programming before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree. As a result, students who expect to graduate in two years will need the recommended courses upon entry.

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

## \_\_\_\_\_\_

Special Advising Note for future applicants:\*

Beginning fall 2020, the major 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 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

	rom our the website.		
PHYSICS 9A PHYSICS 9B	Classical Physics Classical Physics		PHYS 195Mechanics(5)PHYS 196& Electricity and(5)
			Magnetism PHYS 197 Waves, Optics and (5)
PHYSICS 9C	Classical Physics	(5)	Modern PhysicsPHYS 196Electricity and (5)Magnetism
PHYSICS 9D	Modern Physics	(4)	PHYS 197 Waves, Optics and (5) Modern Physics
	OR		OR
PHYSICS 9HA	Honors Physics	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PHYSICS 9HB	Honors Physics	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PHYSICS 9HC	Honors Physics	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PHYSICS 9HD	Honors Physics	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PHYSICS 9HE	Honors Physics	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 21A	Calculus	(4)	MATH 150 Calculus with Analytic (5)   Geometry I
MATH 21B	Calculus	(4)	MATH 151 Calculus with Analytic (4) Geometry II
MATH 21C	Calculus	(4)	MATH 252Calculus with Analytic (4)Geometry III
MATH 21D	Vector Analysis	(4)	MATH 252Calculus with Analytic (4)Geometry III
MATH 22A	Linear Algebra	(3)	MATH 254 Introduction to Linear (3) Algebra
MATH 22B	Differntl Equations	(3)	MATH 255 Differential Equations (3)
PHYSICS 40 PHYSICS 80	Intr Physics Computation Experimental Techniques		NO COURSE ARTICULATED NO COURSE ARTICULATED

## ASTROPHYSICS EMPHASIS

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

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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 <u>or</u> 21A/B Chemistry 2A/B/C Biological Sciences 2A/B/C

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

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

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

Transfer students must also meet UC transfer admission requirements. UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. See the <u>UC Transfer</u> <u>Admission webpage</u>. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment. **Special Note for Transfer Students Considering an A.B. Degree in this Major:** 

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

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

## College Foreign Language Requirement Note:

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

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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 	210A		Introduction to the (4) Biological Sciences I
BIOLSCI 2B	Intro Biology: Ecology	(5)	BIOL	210A	<u>&amp;</u>	Introduction to the (4)
	& Evolution				_	Biological Sciences I
			BIOL	210B		Introduction to the (4)
						Biological Sciences
BIOLSCI 2C	Intro Biology:	(5)		2100		II Introduction to the (4)
BIODSCI ZC	Biodiversity & the Tree	(5)		ZIUB		Biological Sciences
	of Life					II
CHEM 2A Ge	enl Chemistry	(5)	CHEM	200	<u>&amp;</u>	General Chemistry I - (3)
						Lecture
			CHEM	200L		General Chemistry I - (2)
CHEM 2B Ge	enl Chemistry	(5)	   <u>_</u>	200	5	Laboratory General Chemistry I - (3)
CREM 26 Ge	III CHEMISCIY	(5)	Спем	200	~	Lecture
			CHEM	200L	&	General Chemistry I - (2)
			İ		-	Laboratory
			CHEM	201	&	General Chemistry II (3)
						- Lecture
			CHEM	201L		General Chemistry II (2)
<u></u>		( 0 )		1 2 0		- Laboratory
CHEM 8A Or	ganic Chem-Brief	(2)	CHEM	130	<u>&amp;</u>	Introduction to (3)
						Organic and Biological Chemistry
			   Снем	130L		Introduction to (1)
				тост		Organic and
			1			organite and

CHEM 8B Organic Chem-Brief	(4)	  CHEM 130    CHEM 1301	- Organic and Biological Chemistry	(3)
STATIST 13 Elementary Statistics Same as: STATIST 13Y	(4)	BIOL 200   <u>OR</u>  MATH 119   <u>OR</u>  PSYC 258	Biological Statistics Elementary Statistics Behavioral Science	(3) (3) (3)
		COURSES:	Statistics	
CHEM 2C Genl Chemistry		CHEM 201	& General Chemistry II	(3)
CHEM 20 Gent Chemistry	( 2 )	CHEM 201    CHEM 2011	- Lecture	(2)

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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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.

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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 Earth	(5) BIOL 210A 	Introduction to the (4) Biological Sciences I
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5) BIOL 210A <u>&amp;</u>	Introduction to the (4) Biological Sciences I
		BIOL 210B	Introduction to the (4) Biological Sciences II
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree	(5) BIOL 210B	Introduction to the (4) Biological Sciences

	of Life					II
CHEM 2A	Genl Chemistry	(5)	   СНЕМ 	200	<u>&amp;</u>	General Chemistry I - (3) Lecture
			CHEM	200L		General Chemistry I - (2)
CHEM 2B	Genl Chemistry	(5)	CHEM	200	&	Laboratory General Chemistry I - (3)
			CHEM	2001	۔ ع	Lecture General Chemistry I - (2)
			İ		-	Laboratory
			CHEM	201	<u>&amp;</u>	General Chemistry II (3) - Lecture
			CHEM	201L		General Chemistry II (2) - Laboratory
CHEM 2C	Genl Chemistry	(5)	CHEM	201	<u>&amp;</u>	General Chemistry II (3)
			CHEM	201L		-
			 			- Laboratory
CHEM 8A	Organic Chem-Brief	(2)	CHEM 	130	<u>&amp;</u>	Introduction to (3) Organic and
						Biological Chemistry
			CHEM	130L		Introduction to (1) Organic and
						Biological Chemistry
CHEM 8B	Organic Chem-Brief	(4)	CHEM	130	&	Laboratory Introduction to (3)
			İ			Organic and
			   CHEM	130L		Biological Chemistry Introduction to (1)
						Organic and
			 			Biological Chemistry Laboratory
a	OR	( 4 )		0.01		OR
CHEM 118	A Org Chem, Hlth & Sci	(4)	CHEM		<u>&amp;</u>	Lecture
			CHEM	231L		Organic Chemistry I (2) Laboratory
CHEM 118	B Org Chem, Hlth & Sci	(4)	CHEM	231	<u>&amp;</u>	
			CHEM	231L	<u>&amp;</u>	Organic Chemistry I (2)
			   CHEM	233	&	Laboratory Organic Chemistry II (3)
			   Chem	233L		- Lecture Organic Chemistry II (2)
			İ			Laboratory
CHEM 118	C Org Chem, Hlth & Sci	(4)	CHEM	233	<u>&amp;</u>	Organic Chemistry II (3) - Lecture
			CHEM	233L		Organic Chemistry II (2) Laboratory
MATH 17A	Calculus for BioSci	(4)				TICULATED: College has not urse(s) for articulation
MATH 17B	Calculus for Biosci	(4)				TICULATED: College has not urse(s) for articulation
MATH 17C	Calculus for BioSci	(4)	NO CO	DURSE	AR	TICULATED: College has not
	OR		submi 	itted	CO	urse(s) for articulation <b>OR</b>
MATH 21A	Calculus	(4)	MATH	150		Calculus with Analytic (5)
MATH 21B	Calculus	(4)	  MATH	151		Geometry I Calculus with Analytic (4)
			 			Geometry II

(4)|PHYS 125 隆 General Physics PHYSICS 7A General Physics (5) PHYS 126 General Physics II (4) PHYS 125 <u>&</u> General Physics (5) PHYSICS 7B General Physics (5) PHYS 126 General Physics II (5) PHYSICS 7C General Physics (4)|PHYS 125 <u>&</u> General Physics (5) PHYS 126 General Physics II (5) 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: Co	ollege h	nas	not
			sub	mitted	course(s) for a	articula	atio	n
MATH 21C	Calculus	(4)	MAT	TH 252	Calculus with	n Analyt	tic	(4)
					Geometry III			

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 <u>highly recommended</u> that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

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

# Transfer Admission Guarantee (TAG) Note:

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

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

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

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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 U<u>C Transfer Admission website</u>. The courses used for the A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

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

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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 BIOLSCI 2B	Earth		  BIOL 		<u>&amp;</u>	Introduction to the (4) Biological Sciences I Introduction to the (4) Biological Sciences I Introduction to the (4) Biological Sciences II
PL SCI 2	Bot Physio Cul Plt	(4)	NO C	OMPAR	ABL	E COURSE
CHEM 2A G	Genl Chemistry	(5)	CHEM 	200	<u>&amp;</u>	General Chemistry I - (3) Lecture
			CHEM	200L		General Chemistry I - (2) Laboratory
CHEM 2B G	Genl Chemistry	(5)	CHEM	200	<u>&amp;</u>	General Chemistry I - (3) Lecture
			CHEM	200L	<u>&amp;</u>	General Chemistry I - (2) Laboratory
			  CHEM 	201	<u>&amp;</u>	General Chemistry II (3) - Lecture
			CHEM	201L		General Chemistry II (2)

						- Laboratory
CHEM 2C	Genl Chemistry	(5)	CHEM	201	<u>&amp;</u>	
			   CHEM	201L		General Chemistry II (2)
			 			- Laboratory
CHEM 8A	Organic Chem-Brief	(2)	CHEM	130	<u>&amp;</u>	Introduction to (3)
						Organic and Biological Chemistry
			CHEM	130L		Introduction to (1)
			 			Organic and Biological Chemistry
		(		120	-	Laboratory
CHEM 8B	Organic Chem-Brief	(4)	CHEM	130	<u>&amp;</u>	Introduction to (3) Organic and
				1 2 0 7		Biological Chemistry
			Снем 	130L		Introduction to (1) Organic and
			ļ			Biological Chemistry
	OR					Laboratory <b>OR</b>
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM	231	<u>&amp;</u>	Organic Chemistry I - (3) Lecture
			CHEM	231L		Organic Chemistry I (2)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM	231	&	Laboratory Organic Chemistry I - (3)
	org onem, men a bor	( - )		231	<u>~</u>	Lecture
			CHEM	231L	<u>&amp;</u>	Organic Chemistry I (2) Laboratory
			CHEM	233	<u>&amp;</u>	Organic Chemistry II (3)
			   CHEM	233L		- Lecture Organic Chemistry II (2)
CHEM 118C	Ora Cham Ilth & Sai	(1)		222	ç	Laboratory Organic Chemistry II (3)
CHEM 116C	Org Chem, Hlth & Sci	(4)	CHEM	233	<u>8</u>	- Lecture
			CHEM 	233L		Organic Chemistry II (2) Laboratory
 MATH 16A	Short Calculus	(3)	   MATH	121		Basic Techniques of (3)
MATH 16B	Short Calculus	(2)	   MATH	100		Applied Calculus I Basic Techniques of (3)
MAIN 10D	Short Carcurus	(5)		122		Calculus II
MATH 17A	<b>OR</b> Calculus for BioSci	(4)	  NO_CO	NURSE	AR	<b>OR</b> TICULATED: College has not
			submi	itted	CO	urse(s) for articulation
MATH 17B	Calculus for Biosci	(4)				TICULATED: College has not urse(s) for articulation
		·				
PHYSICS 1A PHYSICS 1B	Principles Physics Principles Physics		:			E COURSE E COURSE
PHYSICS 7A	<b>OR</b> General Physics	( <b>4</b> )	   DHVC	125	c	OR General Physics (5)
			PHYS	126		General Physics II (5)
PHYSICS 7B	General Physics	(4)	:	125 <u>4</u> 126		General Physics (5) General Physics II (5)
PHYSICS 7C	General Physics	(4)	PHYS	125	<u>&amp;</u>	General Physics II (5) General Physics II (5) General Physics II (5)
It is highl	y recommended that student;	s coi				

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

ABIOSYT 49	Fld Equip Oper OR	(2)	NO COMPARABLE COURSE	
PL SCI 49	Org Crop Prod Prac	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
	COURSES FOR TH	E CROP	PRODUCTION OPTION:	
ECON 1A	Princ of Microecon	(4)	ECON 121 Principles of (3) Microeconomics	
	OR		OR	
AGRESEC 15	Pop,Envr,World Agri	(4)	NO COMPARABLE COURSE	
END OF MAJOR				

## ====Political Science - Public Service A.B.==== Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <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 <a href="http://llc.ucdavis.edu/foreign-language-placement-exams">http://llc.ucdavis.edu/foreign-language-placement-exams</a> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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

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

POL SCI 1	Amer Natl Govt	(4) POLI 102	The American Political (3)
			System

## THREE COURSES FROM THE FOLLOWING:

POL SCI 2 POL SCI 3	Intro Comp Politics Internatl Relations	<pre>(4) POLI 103 Comparative Politics (3) (4) POLI 140 Contemporary (3)</pre>
		International Politics
POL SCI 4	Bas Cnpt/Pol Thry	(4) NO COMPARABLE COURSE
POL SCI 5	Probs/Am Pol Sys	(4) NO COURSE ARTICULATED: College has not
		submitted course(s) for articulation
POL SCI 7	Law & Politics	(4) NO COMPARABLE COURSE
POL SCI 51	Scientific Study of Politics	(4) NO COURSE ARTICULATED: College has not submitted 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) BIOL 200 Biological Statistics (3) Same as: STATIST 13Y | OR MATH 119 Elementary Statistics (3) OR PSYC 258 Behavioral Science (3) Statistics 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 <u>transfer admission website</u>. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

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#### Transfer Admission Guarantee (TAG) Note:

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

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

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

Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components. \_\_\_\_\_ College Foreign Language Requirement Note: Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See http://llc.ucdavis.edu/foreign-language-placement-exams and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information. \_\_\_\_\_ Advanced Placement (AP) and International Baccalaureate (IB) Examination Note: AP and IB examination credit policies are detailed in the UC Davis 2018-19 General Catalog . Quick reference charts for AP and IB are also available from our TAG website. \_\_\_\_\_ THREE COURSES FROM THE FOLLOWING: POL SCI 1 Amer Natl Govt (4) POLI 102 The American Political (3) System POL SCI 2Intro Comp Politics(4) POLI 103Comparative Politics(3)POL SCI 3Internatl Relations(4) POLI 140Contemporary(3) International Politics POL SCI 4 Bas Cnpt/Pol Thry (4) NO COMPARABLE COURSE ONE COURSE FROM THE FOLLOWING: Note: Courses listed twice may be used only once for major preparation POL SCI 1 Amer Natl Govt (4) POLI 102 The American Political (3) System POL SCI 2Intro Comp Politics(4) POLI 103Comparative Politics(3)POL SCI 3Internatl Relations(4) POLI 140Contemporary(3) International Politics POL SCI 4Bas Cnpt/Pol Thry(4) NO COMPARABLE COURSEPOL SCI 5Probs/Am Pol Sys(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation 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 (4) NO COURSE ARTICULATED: College has not Citizen Lawmaking 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) \_\_\_\_\_ POL SCI 51 Scientific Study of (4) NO COURSE ARTICULATED: College has not Politics submitted course(s) for articulation \_\_\_\_\_ Data Visualization (4) | NO COURSE ARTICULATED: College has not POL SCI 12Y Same as: COMUNCN 12Y, PSYCH 12Y submitted course(s) for articulation SOCIOL 12Y OR OR Elementary Statistics (4) BIOL 200 STATIST 13 Biological Statistics (3) Same as: STATIST 13Y OR MATH 119 Elementary Statistics (3) OR PSYC 258 Behavioral Science (3)

OR

====Psychology A.B.====

Special Advising Note:

END OF MAJOR

## REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

> Psychology 1; Statistics 13; One of these two options: Biological Sciences 2A, or \*Biological Sciences 10 and one course from: Anthropology 1 or Molecular and Cellular Biology 10 or Neurobiology, Physiology and Behavior 10

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

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

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

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

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

## Transfer Admission Guarantee (TAG) Note:

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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 <a href="http://llc.ucdavis.edu/foreign-language-placement-exams">http://llc.ucdavis.edu/foreign-language-placement-exams</a> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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

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

PSYCH 1 General Psychology PSYCH 41 Research Methods	(4) PSYC 101 (4) PSYC 255 	General Psychology (3) Introduction to (3) Psychological Research
STATIST 13 Elementary Statistics Same as: STATIST 13Y	(4) BIOL 200   <u>OR</u>  MATH 119   <b>OR</b>	Biological Statistics (3) Elementary Statistics (3)
	PSYC 258 	Behavioral Science (3) Statistics
BIOLSCI 2A Intro Biology:Life on Earth	(5) BIOL 210A 	Introduction to the (4) Biological Sciences I

### OR A COMBINATION OF

BIOLSCI 10	Everyday Biology	(4)	BIOL 107	General	Biology -	(4)
				Lecture	and Laboratory	

ANTHRO 1	Human Evol Biol	(4) ANTH 102 	Introduction to Physical Anthropology	(3)
	OR		OR	
MOL&CB 10	Intro Human Heredity	(4) BIOL 130	Human Heredity	(3)
	OR		OR	
NE PH B 10	Elem Human Physio	(3) BIOL 235	Human Physiology	(4)
END OF MAJO	R			

====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:

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

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

\*Students planning for a B.S. degree in psychology with biological emphasis are encouraged to complete Biological Sciences 2A rather than Biological Sciences 10. Also, although only one biological sciences course is required for admission, students interested in pursuing a B.S. degree with biological emphasis are encouraged to complete the recommended courses shown on ASSIST. Transfer students must also meet UC transfer admission requirements. For details, see the UC Davis <u>transfer admission website</u>. UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

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

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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 <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> for details regarding UC Davis TAG.

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

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

PSYCH 1	General Psychology	(4)	PSYC 1	01	General Psychology	(3)
PSYCH 41	Research Methods		PSYC 2		Introduction to	(3)
	Research Meenous	(1)				())
			 		Psychological Research	
STATIST 13	Elementary Statistics	(4)	BIOL 2	200	Biological Statistics	(3)
Same as:	-	( = )	OR			(-)
			MATH 1	L19	Elementary Statistics	(3)
			OR			
			PSYC 2	258	Behavioral Science	(3)
			ĺ		Statistics	
MATH 16A	Short Calculus	(3)	MATH 1	L21	Basic Techniques of	(3)
					Applied Calculus I	
MATH 16B	Short Calculus	(3)	MATH 1	L22	Basic Techniques of	(3)
					Calculus II	
	OR		ĺ		OR	
MATH 17A	Calculus for BioSci	(4)	NO COU	JRSE	ARTICULATED: College has	not
			submit	ted	course(s) for articulation	on
MATH 17B	Calculus for Biosci	(4)	NO COU	JRSE	ARTICULATED: College has	not
			submit	ted	course(s) for articulation	on
	OR				OR	
MATH 21A	Calculus	(4)	MATH 1	L50	Calculus with Analytic	(5)
					Geometry I	

MATH 21B	Calculus	(4)	MATH 		Calculus with Analytic (4) Geometry II
PHYSICS 10	Topics,Nonscientists OR	(4)	   PHYS 		Introductory Physics (4) OR
PHYSICS 10C	-	(3)			ARTICULATED: College has not course(s)for articulation OR
PHYSICS 7A	-	(4)			General Physics (5) General Physics II (5)
PHYSICS 7B	General Physics		PHYS	125 <u>s</u>	General Physics II (5) General Physics II (5)
their commun series befor series may b		s con alen who onal	mplete t to t transi phys:	e an e the en fer wi ics co	entire physics series at ntire UC Davis Physics 7A/B/C .thout completing an entire ourses upon arrival at UC
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL	210A	Introduction to the (4) Biological Sciences I
BIOLSCI 2B		(5)	BIOL	210A	
			BIOL	210B	
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life		BIOL	210B	
CHEM 2A G	enl Chemistry	(5)	   CHEM	200	<u>&amp;</u> General Chemistry I - (3) Lecture
			  CHEM	200L	
CHEM 2B G	enl Chemistry	(5)	CHEM	200	<u>&amp;</u> General Chemistry I - (3) Lecture
			CHEM	200L	<u>&amp;</u> General Chemistry I - (2) Laboratory
			CHEM	201	<u>&amp;</u> General Chemistry II (3) - Lecture
			CHEM   	201L	General Chemistry II (2) - Laboratory
CHEM 8A C	Organic Chem-Brief	(2)	CHEM   	130	<u>&amp;</u> Introduction to (3) Organic and Biological Chemistry
			CHEM	130L	Introduction to (1) Organic and Biological Chemistry
CHEM 8B C	Organic Chem-Brief	(4)	  CHEM 	130	Laboratory <u>&amp;</u> Introduction to (3) Organic and
	OR		CHEM       	130L	Biological Chemistry Introduction to (1) Organic and Biological Chemistry Laboratory OR
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM		<u>&amp;</u> Organic Chemistry I - (3) Lecture
				231L	Organic Chemistry I (2) Laboratory
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM	231	▲ Organic Chemistry I - (3)

			  CHEM 	231L <u>8</u>	Lecture Organic Chemistry I (2) Laboratory
			CHEM	233 <u></u>	Organic Chemistry II (3) - Lecture
			   CHEM 	233L	- Lecture Organic Chemistry II (2) Laboratory
	OR				OR
CHEM 128A	Organic Chemistry	(3)	CHEM	231	Organic Chemistry I - (3)
					Lecture
CHEM 128B	Organic Chemistry	(3)	CHEM	231 <u>&amp;</u>	Organic Chemistry I - (3)
					Lecture
			CHEM	233	Organic Chemistry II - (3)
			ĺ		Lecture

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

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

Although not required for admission selection to the psychology major, it is highly recommended that students planning for a B.S. degree in psychology complete courses comparable to the UC Davis chemistry courses that apply to the student's degree and emphasis before enrolling at UC Davis. Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <u>transfer admission website</u>. UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

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

#### Transfer Admission Guarantee (TAG) Note:

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

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

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

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

				101 255	Introduc	Psychology tion to gical Research	(3) (3)
STATIST 13 E Same as: STAT	lementary Statistics	(4)	BIOL		Biologica	al Statistics	(3)
Same as. SIA	1151 151			119	Elementa	ry Statistics	(3)
				258	Behaviora Statisti		(3)
MATH 21A Calo	culus	(4)	MATH	150	Calculus Geometry	with Analytic I	(5)
MATH 21B Cald	culus	(4)	MATH	151	-	with Analytic	(4)
MATH 21C Cald	culus	(4)	MATH	252	-	with Analytic	(4)
ENG CS 36A Prog Formerly ENG		(4)	CISC		JAVA Pro	gramming	(4)
	OR		CISC	192	C/C++ Pro OR	ogramming	(4)
ENG CS 32A Int Formerly ENG	ro to Programming(4) G CS 10					D: College has or articulation	

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

CHEM 10 Concept of Chem	(4)	CHEM 100 Fundamentals of (3)
OR		Chemistry OR
-	( _ )	-
CHEM 2A Genl Chemistry	(5)	CHEM 200 <u>&amp;</u> General Chemistry I - (3) Lecture
		CHEM 200L General Chemistry I - (2)
		Laboratory
CHEM 2B Genl Chemistry	(5)	CHEM 200 <u>&amp;</u> General Chemistry I - (3) Lecture
		CHEM 200L & General Chemistry I - (2)
		Laboratory
		CHEM 201 <u>&amp;</u> General Chemistry II (3) - Lecture
		CHEM 201L General Chemistry II (2)
		- Laboratory
OR		OR
CHEM 2AH Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not
	(-)	submitted course(s) for articulation
CHEM 2BH Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not
-	. ,	submitted course(s) for articulation
PHYSICS 10 Topics, Nonscientists	(4)	PHYS 100 Introductory Physics (4)
OR		OR
PHYSICS 10C Physics of California	(3)	NO COURSE ARTICULATED: College has not
		submitted course(s)for articulation
OR		OR
PHYSICS 7A General Physics	(4)	PHYS 125 & General Physics (5)
		PHYS 126 General Physics II (5)
PHYSICS 7B General Physics		PHYS 125 <b>&amp;</b> General Physics (5)
		PHYS 126 General Physics II (5)
It is highly recommended that students		
		to the entire UC Davis Physics 7A/B/C
series before transferring. Students v		
series may be required to take addition		
Davis, and will need to meet with a UC	: Dar	vis advisor before continuing with

physics.

BIOLSCI 2A	Intro Biology:Life on	(5) BIOL 210A	Introduction to the (4)
	Earth		Biological Sciences I

## OR A COMBINATION OF

BIOLSCI 1	10	Everyday Biology	(4	) BIOL 107	General	Biology -	(4)
					Lecture	and Laboratory	

### AND ONE COURSE FROM

ANTHRO 1	Human Evol Biol	(4) ANTH 102 	Introduction to Physical Anthropology	(3)
	OR		OR	
MOL&CB 10	Intro Human Heredity <b>OR</b>	(4) BIOL 130	Human Heredity <b>OR</b>	(3)
NE PH B 10 END OF MAJO	Elem Human Physio R	(3) BIOL 235	Human Physiology	(4)

#### Special Advising Note:

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

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

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## Transfer Admission Guarantee (TAG) Note:

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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 <a href="http://llc.ucdavis.edu/foreign-language-placement-exams">http://llc.ucdavis.edu/foreign-language-placement-exams</a> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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

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

#### ONE COURSE FROM THE FOLLOWING:

REL	STD	1	Survey of Religion	(4)	HUMA 106 World Religions (3)
REL	STD	1A	Pilgrimage	(4)	NO COMPARABLE COURSE
REL	STD	1B	Death and Afterlife	(4)	NO COMPARABLE COURSE
REL	STD	1C	Sacrifice	(4)	NO COMPARABLE COURSE
REL	STD	1D	Conversion	(4)	NO COURSE ARTICULATED: College has not
					submitted course(s) for articulation
REL	STD	1E	Fundamentalism	(4)	NO COURSE ARTICULATED: College has not
					submitted course(s) for articulation
REL	STD	1F	Religion Today	(4)	NO COURSE ARTICULATED: College has not
					submitted course(s) for articulation

REL STD 1G Myth Ritual Symbol	(4)	NO COMPARABLE COURSE
REL STD 1H Sex, Marriage, Divorce		NO COURSE ARTICULATED: College has not
, 5,	. ,	submitted course(s) for articulation
REL STD 1J Music, Voice, Word	(4)	NO COURSE ARTICULATED: College has not
	( )	submitted course(s) for articulation
FOUR COURSES F	ROM	THE FOLLOWING:
REL STD 5 Comparative Religion	(2)	NO COURSE ARTICULATED
REL STD 6 Intro Health Humanities		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		submitted course(s) for articulation
REL STD 21 The Bible	(4)	HUMA 104 Introduction to the (3)
		Old Testament
REL STD 23 Intro Judaism	(4)	NO COMPARABLE COURSE
REL STD 30 South Asian Religions	(4)	NO COURSE ARTICULATED: College has not
		submitted course(s) for articulation
REL STD 40 New Testament	(4)	HUMA 103 Introduction to the (3)
		New Testament
REL STD 42 Religion and Sci	(4)	NO COURSE ARTICULATED: College has not
Fiction		submitted course(s) for articulation
REL STD 45 Christianity	(4)	NO COURSE ARTICULATED: College has not
		submitted course(s) for articulation
REL STD 60 Introduction to Islam	(4)	NO COMPARABLE COURSE
REL STD 65C The Qur'an and Its	(4)	NO COURSE ARTICULATED: College has not
Interpretation		submitted course(s) for articulation
REL STD 67 Modern Hinduism	(4)	NO COURSE ARTICULATED: College has not
		submitted course(s)for articulation
REL STD 68 Hinduism	(4)	NO COURSE ARTICULATED: College has not
		submitted course(s) for articulation
REL STD 69 Intro Hindu Mythology	(4)	NO COURSE ARTICULATED:College has not
		submitted course(s)for articulation
REL STD 70 Religion and Language	(4)	NO COURSE ARTICULATED: College has not
		submitted course(s) for articulation
REL STD 75 Introduction to Chinese	e (4)	NO COMPARABLE COURSE
Philosophy		
REL STD 80 Religion, Gender, Sex	(4)	NO COURSE ARTICULATED: College has not
		submitted course(s) for articulation
A reading knowledge of a foreign lang	guage	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.

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## Transfer Admission Guarantee (TAG) Note:

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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 <a href="http://llc.ucdavis.edu/foreign-language-placement-exams">http://llc.ucdavis.edu/foreign-language-placement-exams</a> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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

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

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

RUSSIAN 1	Elementary Russian	(5) NO	COMPARABLE	COURSE
RUSSIAN 2	Elementary Russian	(5) NO	COMPARABLE	COURSE
RUSSIAN 3	Elementary Russian	(5) NO	COMPARABLE	COURSE
RUSSIAN 4	Intermed Russian	(4)   NO	COMPARABLE	COURSE
RUSSIAN 5	Intermed Russian	(4)   NO	COMPARABLE	COURSE
RUSSIAN 6	Intermed Russian	(4)   NO	COMPARABLE	COURSE
END OF MAJOR				

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

Special Advising Note:

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

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

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#### Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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#### 8 QUARTER UNITS FROM THE FOLLOWING:

Culture	
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 h	las not
submitted course(s) for articula	tion
HUMAN 3 Medicine & Humanities (4) NO COURSE ARTICULATED: College h	las not
submitted course(s) for articula	tion
PHILOS 30 Intro Philos of Sci (4) NO COURSE ARTICULATED: College h	las not
submitted course(s) for articula	tion
PHILOS 31 Scientific Reason (4) PHIL 112 Philosophy of Science	e (3)
PHILOS 32 Scientific Change (4) NO COMPARABLE COURSE	
SCI&SOC 1 Critical Inquiry into (4) NO COMPARABLE COURSE	
Contemporary Issues	
SCI&SOC 2 Feeding the Planet (3) NO COMPARABLE COURSE	
SCI&SOC 3 Sci, Tech&Society (4) NO COMPARABLE COURSE	
SCI&SOC 5 Discovery:Sci & Soc (3) NO COMPARABLE COURSE	
SCI&TEC 32 Drugs, Science and (4) NO COURSE ARTICULATED: College h	las not
Culture  submitted course(s) for articula	tion
Same as: ANTHRO 32	

#### 4 quarter units of lower-division science courses from the Approved Science

**Electives list.** To see the list, click on <a href="http://sts.ucdavis.edu/undergraduate/sts-major-requirements">http://sts.ucdavis.edu/undergraduate/sts-major-requirements</a>

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END OF MAJOR

### ====Sociology A.B.====

### Special Advising Note:

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

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### Transfer Admission Guarantee (TAG) Note:

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

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

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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 <a href="http://llc.ucdavis.edu/foreign-language-placement-exams">http://llc.ucdavis.edu/foreign-language-placement-exams</a> and check with your

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

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

SOCIOL 1	Intro Sociology	(5)  SOCO 101 Principles of (3   Sociology	3)
SOCIOL 46A	Intro Social Rsch AND	(4)   NO COMPARABLE COURSE	
SOCIOL 46B	Intro Social Rsch	(5) NO COMPARABLE COURSE	

	ONE COURSE FR	 Ом Т	HE FOLLOWING:
SOCIOL 2	Self and Society	(4)	PSYC 166 Introduction to Social (3)
SOCIOL Z	Sell and Society	(4)	Psychology
SOCIOL 3	Social Problems	(4)	SOCO 110 Contemporary Social (3) Problems
SOCIOL 4	Immigrtn & Opprtnty	(4)	NO COURSE ARTICULATED: College has not
SOCIOL 5	Global Soc Change	(4)	<pre>submitted course(s) for articulation SOCO 223 Globalization and (3)</pre>
			Social Change
SOCIOL 11	Sociology of Labor and Employment	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
SOCIOL 25	Popular Culture	(4)	
SOCIOL 30A	Multicultural Societies	(3)	NO COURSE ARTICULATED: College has not
SOCIOL 30B	Multicultural Societies	(3)	submitted course(s) for articulation
			submitted course(s) for articulation
	ONE COURSE FR	OM T	HE FOLLOWING:
ANTHRO 2	Cultural Anthropology OR	(5)	ANTH 103 Introduction to (3) Cultural Anthropology OR
ANTHRO 20	Comparative Cultures	(4)	
	ONE COURSE FR	 ом т:	HE FOLLOWING:
HISTORY 4A HISTORY 4B	Western Civ Western Civ		NO COMPARABLE COURSE HIST 105 & Introduction to (3)
HIDIORI ID		(1)	Western Civilization I
			HIST 106 Introduction to (3) Western Civilization
	Nostern Cit	(1)	II  HIST 106 Introduction to (3)
HISTORY 4C	Western Civ	(4)	HIST 106 Introduction to (3)   Western Civilization   II
HISTORY 6	Intro to Middle East	(4)	NO COURSE ARTICULATED: College has not
HISTORY 7A	Latin Amorida to 1700	(1)	submitted course(s) for articulation  HIST 115A History of the (3)
HISTORI /A	Latin America to 1700	(4)	Americas I
HISTORY 7B	Latin America 1700-1900	(4)	HIST 115B History of the (3)
HISTORY 7C	Latin America	(4)	Americas II NO COURSE ARTICULATED: College has not
mibioni /c	1900-Present	(1)	submitted course(s) for articulation
	Indian Civilization		
	East Asian Civ East Asian Civ	(4)	NO COMPARABLE COURSE
			HIST 101 World History II (3)
			<u>OR</u>  HIST 105 Introduction to (3)
		( 4 )	Western Civilization I
			NO COURSE ARTICULATED
			HIST 109 History of the United (3) States I
HISTORY 17B	U.S. History		HIST 110 History of the United (3) States II
	ONE COURSE FR		
	UNE COURSE FR	OM T.	RE FULLOWING:
PHILOS 5	Critical Reasoning	(4)	PHIL 100Logic and Critical(3)Thinking

PHILOS 14	Eth Soc Prob in Soc	(4)	PHIL 	102B	Introduction to Philosophy: Values	(3)
PHILOS 24	Intro to Ethics	(4)	PHIL 	109	Issues in Social Philosophy	(3)

#### END OF MAJOR

## ====Sociology A.B. (Comparative Studies and World Development)==== Special Advising Note:

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

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

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## Transfer Admission Guarantee (TAG) Note:

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

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

SOCIOL 1	Intro Sociology	(5) SOCO 101 	Principles of Sociology	(3)
SOCIOL 5	Global Soc Change	(4)   SOCO 223	Globalization and Social Change	(3)

SOCIOL 46A Intro Social Rsch AND	(4) NO COMPARABLE COURSE
SOCIOL 46B Intro Social Rsch	(5) NO COMPARABLE COURSE
ECON 1B Princ of Macroecon	(4)   ECON 120 Principles of (3)   Macroeconomics
ANTHRO 2 Cultural Anthropology	(5) ANTH 103 Introduction to (3) Cultural Anthropology
OR ANTHRO 20 Comparative Cultures	OR (4) NO COMPARABLE COURSE
HISTORY 10C World History III	(4)   HIST 101 World History II (3)   OR
OR	HIST 105 Introduction to (3) Western Civilization I OR
POL SCI 2 Intro Comp Politics	(4) POLI 103 Comparative Politics (3)

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

END OF MAJOR

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

#### Special Advising Note:

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

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

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

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

#### College Foreign Language Requirement Note:

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

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

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

SOCIOL 1	Intro Sociology	(5)	SOCO 101 Principles of (3) Sociology
SOCIOL 3	Social Problems	(4)	SOCO 110 Contemporary Social (3) Problems
	OR		OR
SOCIOL 4	Immigrtn & Opprtnty	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
	OR		OR
SOCIOL 11	Sociology of Labor and	(4)	NO COURSE ARTICULATED: College has not
	Employment	. ,	submitted course(s) for articulation
SOCIOL 46A	Intro Social Rsch	$(\Lambda)$	NO COMPARABLE COURSE
SOCIOL FOR		(=)	
	AND	<i>.</i> – .	AND
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE

### 4 QUARTER UNITS FROM THE FOLLOWING:

ANTHRO 2	Cultural Anthropology	(5) ANTH 103 Introduction to (3	)
ANTHRO 20	Comparative Cultures	Cultural Anthropology (4) NO COMPARABLE COURSE	
ANTIKO 20	-		
POL SCI 1	Amer Natl Govt	(4) POLI 102 The American Political (3	)
		System	
POL SCI 3	Internatl Relations	(4) POLI 140 Contemporary (3	)
		International Politics	
POL SCI 4	Bas Cnpt/Pol Thry	(4) NO COMPARABLE COURSE	
POL SCI 7	Law & Politics	(4) NO COMPARABLE COURSE	
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## 4 QUARTER UNITS FROM THE FOLLOWING:

HISTORY 4A	Western Civ	(4)	NO COMPARABLE COURSE
HISTORY 4B	Western Civ	(4)	HIST 105 $\underline{\mathbf{\&}}$ Introduction to (3)
			Western Civilization I
			HIST 106 Introduction to (3)
			Western Civilization
			II
HISTORY 4C	Western Civ	(4)	HIST 106 Introduction to (3)
			Western Civilization
			II
HISTORY 6	Intro to Middle East	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
HISTORY 7A	Latin America to 1700	(4)	HIST 115A History of the (3)
			Americas I
HISTORY 7B	Latin America 1700-1900	(4)	HIST 115B History of the (3)
			Americas II
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 9AEast Asian Civ(4) | NO COMPARABLE COURSEHISTORY 9BEast Asian Civ(4) | NO COMPARABLE COURSEHISTORY 10CWorld History III(4) | HIST 101World History III(4) | Morld History II(3) OR HIST 105 Introduction to (3)Western Civilization I HISTORY 15A Africa to 1900 (4) NO COURSE ARTICULATED (4) NO COURSE ARTICULATED HISTORY 15B Africa Today HISTORY 17A U.S. History (4) |HIST 109 History of the United (3) States I (4) HIST 110 History of the United (3) HISTORY 17B U.S. History States II \_\_\_\_\_ (4)|PHIL 100 Logic and Critical | Thinking PHILOS 5 Critical Reasoning (3) OR OR PHILOS 14 Eth Soc Prob in Soc (4) PHIL 102B Introduction to (3) Philosophy: Values OR OR PHILOS 24Intro to Ethics(4)PHIL 109Issues in Social(3)Philosophy \_\_\_\_\_

END OF MAJOR

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

#### Special Advising Note:

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

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

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## Transfer Admission Guarantee (TAG) Note:

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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 <a href="http://llc.ucdavis.edu/foreign-language-placement-exams">http://llc.ucdavis.edu/foreign-language-placement-exams</a> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more

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

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SOCIOL 1	Intro Sociology		SOCO 101 Principles of (3) Sociology
SOCIOL 2		(4)	PSYC 166 Introduction to Social (3) Psychology
SOCIOL 3	<b>OR</b> Social Problems	(4)	OR SOCO 110 Contemporary Social (3) Problems
	Intro Social Rsch AND		NO COMPARABLE COURSE
	Intro Social Rsch		•
PSYCH 1		(4)	PSYC 101 General Psychology (3)
			ROM THE FOLLOWING:
AF-AMST 10	Af-Am Culture & Soc		
	Intro Afro Amer Hum		
A A STD 1	Hist Exp Asian Am	(4)	NO COMPARABLE COURSE
A A STD 2	Hist Exp Asian Am Contemp Issues of Asian Americans	(4)	NO COMPARABLE COURSE
CHICANO 10	Intro to Chic Std	(4)	CHIC 110A Introduction to (3) Chicano Studies
			CHIC 110B Introduction to (3) Chicano Studies
	Chicano Culture	(4)	CHIC 135 Chicana/o Literature (3)
	Intro NA Studies		NO COMPARABLE COURSE
	NA Experience		NO COMPARABLE COURSE
SOCIOL 4	Immigrtn & Opprtnty	(4)	NO COURSE ARTICULATED: College has not
		,	submitted course(s) for articulation
SOCIOL 11	Employment		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

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END OF MAJOR

#### ====Sociology-Organizational Studies A.B.====

#### Special Advising Note:

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

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

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

## Transfer Admission Guarantee (TAG) Note:

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

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

SOCIOL 1	Intro Sociology	(5)	SOCO 101	Principles of (3) Sociology
	AND			AND
SOCIOL 2	Self and Society	(4)	PSYC 166	Introduction to Social (3) Psychology
SOCIOL 4	Immigrtn & Opprtnty	(4)	NO COURSE	ARTICULATED: College has not
				course(s) for articulation
	OR	i		OR
SOCIOL 5	Global Soc Change	(4)	SOCO 223	Globalization and (3)
				Social Change
	OR			OR
SOCIOL 11	Sociology of Labor and	(4)	NO COURSE	ARTICULATED: College has not
	Employment		submitted	course(s) for articulation
SOCIOL 46A	Intro Social Rsch	(1)		ABLE COURSE
SOCIUL 40A	AND	(4)	NO COMPARA	ADLE COURSE
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARA	ABLE COURSE
ECON 1A	Princ of Microecon	(4)	ECON 121	Principles of (3)
		İ		Microeconomics
	AND	ĺ		AND
ECON 1B	Princ of Macroecon	(4)	ECON 120	Principles of (3)

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## END OF MAJOR

#### ====Spanish A.B.====

### Special Advising Note:

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

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

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#### Transfer Admission Guarantee (TAG) Note:

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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 <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> for details regarding UC Davis TAG.

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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 <a href="http://llc.ucdavis.edu/foreign-language-placement-exams">http://llc.ucdavis.edu/foreign-language-placement-exams</a> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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

SPANISH 1	Elementary Spanish	(5)	SPAN 101	First Course in	(5)
SPANISH 2	Elementary Spanish	(5)	  SPAN 101 &	Spanish First Course in	(5)
	2 <u>1</u>	. ,	i –	Spanish	. ,
			SPAN 102	Second Course in	(5)
				Spanish	
SPANISH 3	Elementary Spanish	(5)	SPAN 102	Second Course in	(5)
				Spanish	

SPANISH 21	Intm Spanish	(5)	SPAN 102 <u>&amp;</u> Second Course in () Spanish	5)
			-	5)
			OR	
			SPAN 201 <u>&amp;</u> Third Course in () Spanish	5)
				5)
SPANISH 22	Intm Spanish	(5)	SPAN 102 <u>&amp;</u> Second Course in () Spanish	5)
			-	5)
			SPAN 201 <u>&amp;</u> Third Course in () Spanish	5)
			· -	5)
SPANISH 23	Span Comp I	(4)	NO COMPARABLE COURSE	
SPANISH 24	Span Comp II	• •	NO COMPARABLE COURSE	
	OR	( )	OR	
SPANISH 31	Int Span Nat Spk I	(5)	NO COMPARABLE COURSE	
SPANISH 32	Int Span Nat Spk II			5)
SPANISH 33	Int Span Nat Spk III	(5)	SPAN 216 Spanish for Spanish ()   Speakers II	5)

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) ENGL 202 	Introduction to Linguistics	(3)

END OF MAJOR

#### ====Statistics 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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### College Foreign Language Requirement Note:

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

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

MATH 16A	Short Calculus	(3)	MATH 121	Basic Techniques of (3) Applied Calculus I
MATH 16B	Short Calculus	(3)	  MATH 122	
	Shore carcarab	(3)		Calculus II
MATH 16C	Short Calculus	(3)	 MATH 122	
		. ,		Calculus II
	OR		İ	OR
MATH 17A	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not
			submitted	course(s) for articulation
MATH 17B	Calculus for Biosci	(4)	1	ARTICULATED: College has not
			1	course(s) for articulation
MATH 17C	Calculus for BioSci	(4)	1	ARTICULATED: College has not
			submitted	course(s) for articulation
	OR			OR
MATH 21A	Calculus	(4)	MATH 150	Calculus with Analytic (5)
		( 4 )		Geometry I
MATH 21B	Calculus	(4)	MATH 151	Calculus with Analytic (4) Geometry II
MATH 21C	Calqulug	(1)	   MATTI 252	Calculus with Analytic (4)
MAIN ZIC	carcurus	( = )	MAIN 252	Geometry III
MATH 22A	Linear Algebra	(3)	MATH 254	Introduction to Linear (3)
	5	( - )		Algebra
ENG CS 32A	Intro to Programming(4)		NO COURSE	ARTICULATED: College has not
Formerl	y ENG CS 10		submitted	course(s)for articulation
	OR			OR
	Programming	(4)	CISC 190	JAVA Programming (4)
Formerly	ENG CS 30		OR	
			CISC 192	C/C++ Programming (4)
	OR			OR
	5	(4)	INO COMPARI	ABLE COURSE
Formerly	ENG CS 40			

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 \_\_\_\_\_

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

#### END OF MAJOR

### ====Statistics B.S. (Applied Statistics Option)==== 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:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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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**AP and** IB examination credit policies are detailed in the UC Davis 2018-19 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

MATH 16A	Short Calculus	(3)	MATH 121 	Basic Techniques of Applied Calculus I	(3)
MATH 16B	Short Calculus	(3)	MATH 122		(3)
MATH 16C	Short Calculus	(3)	MATH 122 	Basic Techniques of Calculus II	(3)
	OR		İ	OR	
				010	
MATH 17A	Calculus for BioSci	(4)		ARTICULATED: College has :	
МАТН 17А МАТН 17В	Calculus for BioSci Calculus for Biosci		submitted		n not

	OR				OR
MATH 21A	Calculus	(4)	MATH	150	Calculus with Analytic (5)
					Geometry I
MATH 21B	Calculus	(4)	MATH	151	Calculus with Analytic (4)
					Geometry II
MATH 21C	Calculus	(4)	MATH	252	Calculus with Analytic (4)
			ĺ		Geometry III

NOTE: THE MATH 21A, B, C SERIES IS RECOMMENDED IF AVAILABLE

 MATH 22A	Linear Algebra	(3)	MATH 254 	Introduction to Linea Algebra	r (3)
	Intro to Programming(4) y ENG CS 10 OR			ARTICULATED: College ha course(s)for articulati <b>OR</b>	
	Programming ENG CS 30	(4)	CISC 190	JAVA Programming	(4)
-	OR		CISC 192	C/C++ Programming <b>OR</b>	(4)
	Object-Oriented Program ENG CS 40	(4)	NO COMPARA 	ABLE COURSE	

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

AND ONE COURSE FROM

STATIST 12 Discrete Probabil	(4)	NO COMPARAB	LE COURSE	
STATIST 13 Elementary Statistics	(4)	BIOL 200	Biological Statistics	(3)
Same as: STATIST 13Y		OR		
		MATH 119	Elementary Statistics	(3)
		OR		
		PSYC 258	Behavioral Science	(3)
			Statistics	
STATIST 32 Gateway to Data Science	(4)	NO COMPARAB	LE COURSE	
PLUS TWO INTRODUCTORY COURSES SERVIN	NG AS	THE PREREQUI	SITE TO UPPER DIVISION	
COURSES IN A CHOSEN DISCIPLINE TO W	HICH S	TATISTICS 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.

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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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MATH 21A	Calculus	(4)   MA'	TH 150	Calculus with Analytic (5) Geometry I
MATH 21B	Calculus	(4)   MA	TH 151	Calculus with Analytic (4) Geometry II
MATH 21C	Calculus	(4)   MA	ТН 252	Calculus with Analytic (4) Geometry III
MATH 21D	Vector Analysis	(4)   MA	ТН 252	Calculus with Analytic (4) Geometry III
MATH 22A	Linear Algebra	(3)   MA'	TH 254	Introduction to Linear (3) Algebra
ENG CS 36C	Data Structures	(4)   NO	COMPARAB	LE COURSE

ENG CS 36C Data Structures Formerly ENG CS 60

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

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#### AND ONE COURSE FROM

STATIST	12	Discre	ete Pro	babil	(4)	NO	COMPARAE	BLE COURSE		
STATIST	13	Elemen	ntary S	Statistic	cs (4)	BIC	DL 200	Biological	Statistics	(3)
Same	as:	STATIST	13Y				OR			
						MAT	'H 119	Elementary	Statistics	(3)
							OR			
						PSY	C 258	Behavioral	Science	(3)
								Statistics		
STATIST	32	Gateway	to Dat	a Scienc	e (4)	NO	COMPARAE	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.

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### Transfer Admission Guarantee (TAG) Note:

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

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

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

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

MATH 21A	Calculus	(4)	MATH 150	Calculus with Analytic (5) Geometry I
MATH 21B	Calculus	(4)	MATH 151	Calculus with Analytic (4) Geometry II
MATH 21C	Calculus	(4)	MATH 252	Calculus with Analytic (4) Geometry III
MATH 21D	Vector Analysis	(4)	MATH 252 	Calculus with Analytic (4) Geometry III
MATH 22A	Linear Algebra	(3)	  MATH 254 	Introduction to Linear (3) Algebra
	OR			OR
MATH 67	Modern Linear Algebra	(4)	1	ARTICULATED: College has not course(s) for articulation
MATH 25	Advanced Calculus	(4)		ARTICULATED: College has not course(s) for articulation
	Intro to Programming(4) ly ENG CS 10 OR		1	ARTICULATED: College has not course(s)for articulation OR
	Programming y ENG CS 30	(4)	CISC 190 OR	JAVA Programming (4)

	CISC 192 C/C++ Programming
OR	OR
ENG CS 36B Object-Oriented Program	(4) NO COMPARABLE COURSE
Formerly ENG CS 40	

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.

(4)

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AND ONE COURSE FROM

STATIST 2	13	Elementar	y Statistics	(4)	BIO	L	200	Biological	Statistics	(3)
Same a	as:	STATIST 13Y				OR				
					MAT	Η	119	Elementary	Statistics	(3)
					(	OR				
					PSY	С	258	Behavioral	Science	(3)
								Statistics		
STATIST 3	12	Discrete :	Probabil	(4)	NO (	CO	MPARABI	LE COURSE		
STATIST 3	32	Gateway to 1	Data Science	(4)	NO (	CO	MPARABI	LE COURSE		

## ====Statistics B.S. (Statistical Data Science Track)==== Special Advising Note:

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

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

## Transfer Admission Guarantee (TAG) Note:

Education(GE) Note:

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

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

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

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

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

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MATH 21A Cal	lculus	(4)	MATH	150	Calculus with Analytic	(5)
MATH 21B Cal	lculus	(4)	MATH	151	Geometry I Calculus with Analytic	(4)
					Geometry II	
MATH 21C Cal	lculus	(4)	MATH	252	Calculus with Analytic Geometry III	(4)
MATH 21D Vec	ctor Analysis	(4)	MATH	252	Calculus with Analytic Geometry III	(4)
MATH 22A Lii	near Algebra	(3)	МАТН	254	1	(3)
ENG CS 32A Int	tro to Programming(4)				ARTICULATED: College has	
Formerly E	NG CS 10 OR		submi	tted	<pre>course(s)for articulation OR</pre>	1
ENG CS 36A Pro Formerly ENG		(4)	CISC OR		JAVA Programming	(4)
1			CISC	192	C/C++ Programming	(4)
ENG CS 36B Ob	<b>OR</b> ject-Oriented Program	(4)	NO CO	MPARZ	OR ABLE COURSE	
Formerly ENG		( - )				
	Discrete Probabil OR	(4)	NO CO			
	-	(4)	BIOL	200	Biological Statistics	(3)
Same as: STA	ATIST 13Y		<u>OR</u>   MATH	-	Elementary Statistics	(3)
					Elementary Statistics	(3)
			PSYC	258		(3)
	OR				Statistics OR	
STATIST 32 Gat	teway to Data Science	(4)	NO CO	MPARA		

#### 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 <u>highly recommended</u> that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

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

#### Transfer Admission Guarantee (TAG) Note:

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

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

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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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# 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) COMS 103
 Oral Communication
 (3)

 PL SCI 15
 Intro Sustainable
 (4) NO COURSE ARTICULATED: College has not agriculture
 (4) submitted course(s) for articulation

CM&RGDE 20	Food Systems	(4)		ARTICULATED: College has not course(s)for articulation
PL PATH 40		(2)		ARTICULATED: College has not course(s)for articulation
PL SCI 49	<b>OR</b> Org Crop Prod Prac	(3)		<b>OR</b> ARTICULATED: College has not course(s) for articulation
	Select one of the i	 Eoll	owing cour	 ses:
AN SCI 41L	Domest An Prod Lab			ABLE COURSE
AN SCI 49A	Animal Prac/Aquaculture	(2)	NO COURSE	ARTICULATED: College has not
AN SCI 49B	Animal Prac/Beef	(2)	NO COURSE	<pre>course(s)for articulation ARTICULATED: College has not</pre>
		( 0 )	1	course(s) for articulation
AN SCI 49C	Animal Prac/Dairy		submitted	ARTICULATED: College has not course(s)for articulation
AN SCI 49D	Animal Prac/Goats	(∠)		ARTICULATED: College has not course(s) for articulation
AN SCI 49E	Animal Prac/Horses	(2)		ARTICULATED: College has not
AN SCI 49E	AIIIIIIAI FIAC/HOISES	(2)	1	course(s) for articulation
AN SCI 49F	Animal Prac/Lab Animals	(2)	NO COURSE	ARTICULATED: College has not course(s) for articulation
AN SCI 49G	Animal Prac/Meats	(2)		ARTICULATED: College has not
			submitted	course(s)for articulation
AN SCI 49H	Animal Prac/Poultry	(2)		ARTICULATED: College has not
				course(s)for articulation
AN SCI 491	Animal Prac/Sheep	(2)		ARTICULATED: College has not
AN SCI 49J	Animal Prac/Swine	(2)	NO COURSE	<pre>course(s)for articulation ARTICULATED: College has not course(s)for articulation</pre>
ABIOSYT 49	Fld Equip Oper OR	(2)	NO COMPAR	ABLE COURSE OR
ABIOSYT 52	•	(2)		ARTICULATED: College has not course(s)for articulation
	PLUS CHOOSE ONE OF	THE	FOLLOWING	THREE TRACKS:
	TRACK I: AGRICU	TUR	E AND ECOL	OGY
MATH 16A				Basic Techniques of (3)
			İ	Applied Calculus I
MATH 16B	Short Calculus	(3)		Basic Techniques of (3) Calculus II
снем 2а		(5)	  CHEM 200	& General Chemistry I - (3)
			  CHEM 200L	Lecture General Chemistry I - (2) Laboratory
CHEM 2B	Genl Chemistry	(5)	  CHEM 200	<u> <u> <u> </u> <u> </u> <u> </u> General Chemistry I - (3) Lecture </u></u>
			CHEM 200L	& General Chemistry I - (2)
			  CHEM 201	Laboratory & General Chemistry II (3)
			  CHEM 201L	- Lecture General Chemistry II (2)
			 	- Laboratory
PHYSICS 1A	Principles Physics	(3)		
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 210A 	▲ Introduction to the (4) Biological Sciences I

			BIOL 210B Introduction to the (4) Biological Sciences II
PL SCI 2	Bot Physio Cul Plt	(4)	NO COMPARABLE COURSE
AN SCI 1	Domest Ani & People OR	(4)	NO COMPARABLE COURSE
AN SCI 2	Intro Animal Sci	(4)	
FD S&T 1	Food Sci Principles	(3)	NO COMPARABLE COURSE
ECON 1A	Princ of Microecon	(4)	ECON 121       Principles of (3)                 Microeconomics
CM&RGDE 1	The Community	(4)	NO COMPARABLE COURSE
PHILOS 14	Eth Soc Prob in Soc	(4)	PHIL 102B Introduction to (3) Philosophy: Values OR
PHILOS 15	Intro to Bioethics OR	(4)	NO COMPARABLE COURSE OR
PHILOS 24	Intro to Ethics	(4)	PHIL 109     Issues in Social     (3)       Philosophy
anthro 2	Cultural Anthropology	(5)	ANTH 103 Introduction to (3) Cultural Anthropology OR
POL SCI 4		(4)	NO COMPARABLE COURSE
SOCIOL 1	·	(5)	SOCO 101 Principles of (3) Sociology OR
SOCIOL 3	Social Problems	(4)	SOCO 110 Contemporary Social (3) Problems
	TRACK II: FO	ב	
PHILOS 5			PHIL 100 Logic and Critical (3) Thinking
	Scientific Reason		PHIL 112 Philosophy of Science (3)
			PHIL 102B Introduction to (3) Philosophy: Values OR
PHILOS 15	Intro to Bioethics <b>OR</b>	(4)	NO COMPARABLE COURSE
PHILOS 24	Intro to Ethics	(4)	PHIL 109     Issues in Social     (3)       Philosophy
SOCIOL 46B	B Intro Social Rsch <b>OR</b>	(5)	NO COMPARABLE COURSE
	Elementary Statistics : STATIST 13Y	(4)	BIOL 200 Biological Statistics (3) OR
			MATH 119 Elementary Statistics (3) OR
			PSYC 258 Behavioral Science (3) Statistics
			CHEM 200 <u>&amp;</u> General Chemistry I - (3) Lecture
			CHEM 200L General Chemistry I - (2)

			I	Laboratory
			ĺ	General Biology - (4) Lecture and Laboratory
	Bot Physio Cul Plt			ABLE COURSE
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 210A    BIOL 210B 	Biological Sciences I
ENV S&P 1	Env Analysis OR	(4)		ARTICULATED: College has not course(s) for articulation OR
	Global Ecosystem ENV SC&M 30 OR	(3)		ARTICULATED: College has not course(s) for articulation OR
W&F BIO 10	Wildl Ecol Conserve	(4)		ARTICULATED: College has not course(s) for articulation OR
W&F BIO 51	Intro to Conservation Biology	(3)		ARTICULATED: College has not course(s) for articulation
FD S&T 1	Food Sci Principles	(3)	NO COMPARA	ABLE COURSE
	Soils in Our Environment	(3)	İ	
	Princ of Microecon		ECON 121 	Principles of (3) Microeconomics
POL SCI 4	Bas Cnpt/Pol Thry	(4)	NO COMPARA	
	Cultural Anthropology			
SOCIOL 1	Intro Sociology OR	(5)	SOCO 101	Principles of (3) Sociology OR
	-		SOCO 110 	Contemporary Social (3) Problems
CM&RGDE 2	The Community Ethnicity Amer Comm	(4)	NO COMPARA	ABLE COURSE ABLE COURSE
	TRACK III: ECC	NOMT	CS AND POL	TCY
МАТН 16А	Short Calculus	(3)	MATH 121	Basic Techniques of (3)
				Applied Calculus I Basic Techniques of (3) Calculus II
	Intro Social Rsch OR			
	-	(4)	BIOL 200	Biological Statistics (3)
			MATH 119 OR	
			PSYC 258   	Behavioral Science (3) Statistics

CHEM 2A Genl Chemistry	(5) CHEM 200 <u>&amp;</u> General Chemistry I - (3) Lecture CHEM 200L General Chemistry I - (2) Laboratory
BIOLSCI 10 Everyday Biology	(4) BIOL 107 General Biology - (4)   Lecture and Laboratory
PL SCI 2 Bot Physio Cul Plt	(4)   NO COMPARABLE COURSE
BIOLSCI 2B Intro Biology: Ec & Evolution	ology (5) BIOL 210A <u>&amp;</u> Introduction to the (4) Biological Sciences I BIOL 210B Introduction to the (4) Biological Sciences II OR
ENV S&P 1 Env Analysis OR	(4) 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 Conser OR	ve (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation OR
W&F BIO 51 Intro to Conserva Biology	tion (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)   NO COMPARABLE COURSE 
ECON 1A Princ of Microecon	
ECON 1B Princ of Macroecon	(4) ECON 120 Principles of (3) Macroeconomics
POL SCI 4 Bas Cnpt/Pol Thry	(4)   NO COMPARABLE COURSE
	y (5) ANTH 103 Introduction to (3) Cultural Anthropology OR
SOCIOL 1 Intro Sociology	(5) SOCO 101 Principles of (3) Sociology OR
SOCIOL 3 Social Problems	(4) SOCO 110 Contemporary Social (3) Problems
CM&RGDE 1 The Community	(4)   NO COMPARABLE COURSE
	c (4) PHIL 102B Introduction to (3)   Philosophy: Values   OR
PHILOS 15 Intro to Bioethics OR	
PHILOS 24 Intro to Ethics	

END OF MAJOR

====Sustainable Environmental Design B.S.====

Special Advising Note:

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

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

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#### Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer admission. See the UC Transfer Admission website. The courses used for the A&ES English Composition Requirement and those chosen for admission may be the

same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

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

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

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

COMUNCN 1 Intro Public Spkg (4) COMS 103 Oral Communication (3) \_\_\_\_\_ ENGLISH 3 Intro to Lit (4) ENGL 105 Composition and (3) Literature OR OR UWRITING 1 Expository Writing (4) ENGL 101 Reading and (3) Composition OR OR UWRITING 48 Style in the Essay (4) ENGL 207 The Art of the (3) Formerly UWRITING 18 Sentence OR OR UWRITING 49 Writing Research Papers (4) NO COMPARABLE COURSE Formerly UWRITING 19 \_\_\_\_\_ BIOLSCI 2B Intro Biology: Ecology (5) BIOL 210A & Introduction to the (4) & Evolution Biological Sciences I |BIOL 210B Introduction to the (4) Biological Sciences II \_\_\_\_\_ ALL OF THE FOLLOWING COURSES: LND ARC 1Intro Environ Design(4) NO COMPARABLE COURSELND ARC 2Place,Culture,Community(4) NO COMPARABLE COURSE LND ARC 3 Sustainable Development (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation 

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AND ONE COURSE IN A PHYSICAL SCIENCE

END OF MAJOR

====Textiles and Clothing B.S. (Marketing/Economics)==== IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

The undergraduate major Textiles and Clothing in the College of Agricultural and Environmental Sciences is suspended for 2019-20, and fall 2019 TAGs will not be available.

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#### Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is <u>highly recommended</u> that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree. Transfer students must also meet UC transfer admission requirements. See the U<u>C Transfer Admission website</u> 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 <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> for details regarding UC Davis TAG.

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

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

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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).

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You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer admission. See the U<u>C Transfer Admission website</u>. The courses used for the A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions. \*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 General Catalog . Quick reference charts for AP and IB are also available from our TAG website. PL SCI 21 Computers in Technology (3) NO COMPARABLE COURSE OR OR B) ENG CS 15 Intro to Computers (4) CISC 181 Principles of (4) Information Systems OR OR ENG CS 36A Programming (4) CISC 190 JAVA Programming (4) Formerly ENG CS 30 OR (4) CISC 192 C/C++ Programming (4)

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

ECON 1A	Princ of Microecon	(4)   ECON 121	Principles of	(3)
			Microeconomics	
ECON 1B	Princ of Macroecon	(4) ECON 120	Principles of	(3)
			Macroeconomics	

4 QUARTER UNITS FROM THE FOLLOWING:

anthro 2	Cultural Anthropology	(5)	ANTH 103 	Introduction to Cultural Anthropology <b>OR</b>	(3)
SCI&SOC 1	Critical Inquiry into Contemporary Issues	(4)	NO COMPA	RABLE COURSE	
1-	OR	(		OR	(2)
ARTHI 1A	Ancient Mediterranean Art OR	(4)	ARTF 110   	Art History: Prehistoric to Gothic <b>OR</b>	(3)
ARTHI 1B	Mediev&Renaiss Art	(4)	ARTF 110	& Art History:	(3)
				Prehistoric to Gothic	
			ARTF 111		(3)
	OR			Renaissance to Modern <b>OR</b>	
ARTHI 1C	Baroque to Modern Art	(4)	ARTF 111	Art History:	(3)
	OR			Renaissance to Modern <b>OR</b>	
ARTHI 1D	Arts of Asia	(4)	ARTF 125	Art History: Arts of	(3)
				the Asian Continent	
DUVOTOO 1A	ALL OF THE FO Principles Physics				
PHISICS IA	OR	(3)	INO COMPA	OR	
PHYSICS 10	•=-	(4)	PHYS 100	Introductory Physics	(4)
PSYCH 1	General Psychology	(4)	PSYC 101	General Psychology	(3)
SOCIOL 2	Self and Society	(4)	PSYC 166   		(3)

	Elementary Statistics STATIST 13Y	(4)	BIOL 200   <u>OR</u>  MATH 119	Biological Statistics (3) Elementary Statistics (3)
			<u>OR</u>	Elementary Statistics (3)
			PSYC 258 	Behavioral Science (3) Statistics
TEX&CL 6			NO COMPARA	
TEX&CL 7 TEX&CL 8	Style & Cult Std Textile Apparel Ind		NO COMPARAE	
MGMT 11A				Financial Accounting (4)
MGMT 11B	Elem Accounting	(4)	ACCT 116B 	Managerial Accounting (4)
CHEM 10	Concept of Chem	(4)	CHEM 100	Fundamentals of (3) Chemistry
	OR			OR
CHEM 2A	Genl Chemistry	(5)	CHEM 200 <u>8</u>	General Chemistry I - (3) Lecture
			CHEM 200L 	General Chemistry I - (2) Laboratory
MATH 16A	Short Calculus	(3)	  MATH 121 	Basic Techniques of (3) Applied Calculus I
MATH 16B	Short Calculus	(3)	MATH 122	

### RESTRICTED ELECTIVES (12 QUARTER UNITS):

AGRESEC 18	Business Law	(4)	BUSE 140	Business Law and the Legal Environment	(3)
DESIGN 77	Intro to Fashion Design	(4)	NO COMPARAB	LE COURSE	
MATH 16C	Short Calculus	(3)	MATH 122	Basic Techniques of	(3)
				Calculus II	
Foreign lan units.	guage units may be used to	sat	isfy any or	all of the required 12	

END OF MAJOR

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

====Textiles and Clothing B.S. (Textile Science)==== <u>IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:</u> The undergraduate major Textiles and Clothing in the College of Agricultural and Environmental Sciences is suspended for 2019-20, and fall 2019 TAGs will not be available.

#### Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. See the U<u>C Transfer Admission website</u> 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 <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> for details regarding UC Davis TAG.

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

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

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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 U<u>C Transfer Admission website</u>. The courses used for the A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

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

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

PL SCI 21 Computers in Technology	(3)	NO COMPARAE	BLE COURSE	
OR			OR	
B) ENG CS 15 Intro to Computers	(4)	CISC 181	Principles of	(4)
		ĺ	Information Systems	
OR		ĺ	OR	
ENG CS 36A Programming	(4)	CISC 190	JAVA Programming	(4)
Formerly ENG CS 30		OR		
		CISC 192	C/C++ Programming	(4)

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

ECON 1A	Princ of Microecon	(4) ECON 121 	Principles of Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4) ECON 120	Principles of Macroeconomics	(3)

## 4 QUARTER UNITS FROM THE FOLLOWING:

ANTHRO 2	Cultural Anthropology	(5)	ANTH 103	Introduction to Cultural Anthropology	(3)
	OR			OR	
SCI&SOC 1	Critical Inquiry into Contemporary Issues	(4)	NO COMPARA	BLE COURSE	
	OR			OR	
ARTHI 1A	Ancient Mediterranean Art	(4)	ARTF 110	Art History:	(3)
				Prehistoric to Gothic	
	OR			OR	
ARTHI 1B	Mediev&Renaiss Art	(4)	ARTF 110 &	Art History:	(3)
				Prehistoric to Gothic	
			ARTF 111	Art History:	(3)
				Renaissance to Modern	
	OR			OR	
ARTHI 1C	Baroque to Modern Art	(4)	ARTF 111	Art History:	(3)
				Renaissance to Modern	
	OR			OR	
ARTHI 1D	Arts of Asia	(4)	ARTF 125	Art History: Arts of	(3)
				the Asian Continent	
	ALL OF THE F		WING COURSE		

PHYSICS 1A Principles Physics OR	(3) NO COMPARAB 	LE COURSE OR
PHYSICS 10 Topics, Nonscientists	(4) PHYS 100	Introductory Physics (4)
PSYCH 1 General Psychology	(4) PSYC 101	General Psychology (3)
SOCIOL 2 Self and Society	(4) PSYC 166 	Introduction to Social (3) Psychology
STATIST 13 Elementary Statistics Same as: STATIST 13Y	(4) BIOL 200   OR	Biological Statistics (3)
	MATH 119   <b>OR</b>	Elementary Statistics (3)
	PSYC 258	Behavioral Science (3)

			Statistics
TEX&CL 6	Intro Textiles	(4)	NO COMPARABLE COURSE
TEX&CL 7	Style & Cult Std		NO COMPARABLE COURSE
TEX&CL 8	Textile Apparel Ind	(4)	NO COMPARABLE COURSE
 CHEM 2A	Genl Chemistry	(5)	CHEM 200 & General Chemistry I - (3)
	-	. ,	Lecture
			CHEM 200L General Chemistry I - (2) Laboratory
CHEM 2B	Genl Chemistry	(5)	CHEM 200 <u>&amp;</u> General Chemistry I - (3) Lecture
			CHEM 200L & General Chemistry I - (2)
			Laboratory CHEM 201 <u>&amp;</u> General Chemistry II (3) - Lecture
			CHEM 201L General Chemistry II (2) - Laboratory
 CHEM 8A	Organic Chem-Brief	(2)	CHEM 130 & Introduction to (3)
	organie chem brief	(2)	Organic and
			Biological Chemistry
			CHEM 130L Introduction to (1) Organic and
			Biological Chemistry
			Laboratory
CHEM 8B	Organic Chem-Brief	(4)	CHEM 130 & Introduction to (3)
			Organic and Biological Chemistry
			CHEM 130L Introduction to (1)
			Organic and
			Biological Chemistry
			Laboratory
MATH 16A	Short Calculus	(3)	MATH 121 Basic Techniques of (3) Applied Calculus I
	RESTRICTED ELECTIVES	(16	(וואסידים וואודיים).
AGRESEC 18			
QUEM 20			Legal Environment
CHEM 2C	Genl Chemistry	(5)	CHEM 201 <u>&amp;</u> General Chemistry II (3) - Lecture
			CHEM 201L General Chemistry II (2) - Laboratory
CHEM 128A	Organic Chemistry	(3)	CHEM 231 Organic Chemistry I - (3) Lecture
CHEM 128B	Organic Chemistry	(3)	CHEM 231 & Organic Chemistry I - (3) Lecture
			CHEM 233 Organic Chemistry II - (3) Lecture
CHEM 128C	Organic Chemistry	(3)	CHEM 233 Organic Chemistry II - (3) Lecture
DESIGN 77	Intro to Fashion Design		NO COMPARABLE COURSE
MGMT 11A	Elem Accounting		ACCT 116A Financial Accounting (4)
MGMT 11B MATH 16B	Elem Accounting Short Calculus		ACCT 116BManagerial Accounting (4)MATH 122Basic Techniques of (3)
MAIII IVD	Short Carcurus	(5)	Calculus II
MATH 16C	Short Calculus	(3)	MATH 122 Basic Techniques of (3) Calculus II
SOCIOL 25	Ŧ		NO COMPARABLE COURSE
Foreign la units.	nguage units may be used to	sat	isfy any or all of the required 16

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 <u>transfer admission webpage</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.

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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 <a href="http://llc.ucdavis.edu/foreign-language-placement-exams">http://llc.ucdavis.edu/foreign-language-placement-exams</a> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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

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

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NOTE: Lower-division preparation for the Honors A.B. major in Theatre and Dance is the same as that below. \_\_\_\_\_

#### ONE COURSE FROM THE FOLLOWING:

		(1)	NO COMPARADI E COURCE
dramart 21a	Fundamentals of Act		NO COMPARABLE COURSE
DRAMART 40A	Beg Modern Dance	(2)	NO COMPARABLE COURSE
DRAMART 40B	Int Modern Dance	(2)	NO COMPARABLE COURSE
DRAMART 42A	Beg Ballet	(2)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
DRAMART 42B	Inter Ballet	(2)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
	ALL. OF THE E		WING COURSES:
dramart 28	Stagecraft & Management	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s)for articulation
DRAMART 55	Cont Theatre Dance Perf	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
DRAMART 56A	Hist Theatre Dance I	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s)for articulation
DRAMART 56B	Hist Theatre Dance II	(4)	NO COURSE ARTICULATED: College has not
			submited course(s) for articulation
DRAMART 56C	Hist Theatre Dance III	(4)	NO COURSE ARTICULATED: College has not
			submited course(s)for articulation

END OF MAJOR

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

Special Advising Note:

### **REQUIREMENTS FOR ADMISSION:** (for 2019-20)

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

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 3.00 for the group. It is required that candidates have a cumulative GPA of at least 3.00 for courses in the group below that have been completed by the time of application and maintain the GPA through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

> General Chemistry 2A/B/C Organic Chemistry 8A Mathematics 16A Physics 1A/B or 7A Biological Sciences 2A

It is strongly recommended that students complete courses comparable to the following UC Davis courses; if taken, the student must have a GPA of at least 3.00 for the entire group of courses listed above and below. Courses must be taken for a letter grade, with no grade less than C:

Organic Chemistry 8B Mathematics 16B Plant Sciences 2

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

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

## Transfer Admission Guarantee (TAG) Note:

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

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# Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

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# College of Agricultural and Environmental Sciences (A&ES) General Education (GE) English Composition Requirement for the Bachelor's Degree:

The College of A&ES English Composition requirement for the Bachelor's degree is an element of the UC Davis General Education (GE) pattern. This GE requirement may be satisfied by completing either two courses emphasizing written expression OR one course emphasizing written expression and one course emphasizing oral expression, with a grade of C- (or P) or better. The following UC Davis lower-division courses are among those that have been approved to satisfy this requirement: English 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1\*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (emphasis in either writing or speaking skills). The English Composition requirement may also be met by achieving a score of 4 or 5 on the Advanced Placement (AP) English examination PLUS completing any previously listed course, EXCEPT English 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC transfer students who have successfully completed the IGETC lower-division coursework are exempt from all GE requirements that may be met with lower-division courses. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

You should also be aware, however, that the University requires two courses in

English composition to be completed with C grades or higher for transfer admission. See the UC Transfer Admission website. The courses used for the A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

\*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

**AP and** IB examination credit policies are detailed in the UC Davis 2018-19 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

BIOLSCI 2A	Intro Biology:Life on Earth <b>OR</b>	(5)	  BIOL   	210A	Introduction to the (4) Biological Sciences I OR
	Bot Physio Cul Plt	(4)	NO CC	MPARA	ABLE COURSE
		(5)	İ	200 200L	<u>&amp;</u> General Chemistry I - (3) Lecture General Chemistry I - (2)
CHEM 2B	Genl Chemistry	(5)	İ		Laboratory <u>&amp;</u> General Chemistry I - (3) Lecture
			İ		<u>&amp;</u> General Chemistry I - (2) Laboratory
			İ	201 201L	<u>&amp;</u> General Chemistry II (3) - Lecture
		( = )			- Laboratory
CHEM 2C	Genl Chemistry	(5)	CHEM		- Lecture
			CHEM 	201L	General Chemistry II (2) - Laboratory
CHEM 8A	Organic Chem-Brief	(2)	CHEM 		
			CHEM   	130L	
CHEM 8B	Organic Chem-Brief	(4)	CHEM	130	<u>Let Introduction to (3)</u> Organic and Biological Chemistry
			  CHEM   	130L	Introduction to (1) Organic and Biological Chemistry Laboratory

### PL SCI 21 Computers in Technology (3) NO COMPARABLE COURSE

### OR EQUIVALENT AND advisor APPROVAL

MATH 16A Short Calculus (3) MATH 121 Basic Techniques of (3) Applied Calculus I MATH 16B Short Calculus (3) MATH 122 Basic Techniques of (3)

			Calculus II	
PHYSICS 1A	Principles Physics AND	(3)	NO COMPARABLE COURSE	
PHYSICS 1B	Principles Physics OR	(3)	NO COMPARABLE COURSE	
PHYSICS 7A	General Physics	(4)	PHYS 125 & General Physics	(5) (5)
			phis izo General Physics II mplete an entire physics series at	

their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

VIT-ENO 2	Intro to Viticult	(2) NO COMPARABLE COURSE
VIT-ENO 3	Intro Winemaking	(3) NO COMPARABLE COURSE

#### END OF MAJOR

## ====Wildlife, Fish and Conservation Biology B.S.==== Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is <u>highly recommended</u> that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. See the U<u>C Transfer Admission website</u> for details. UC Davis requires that students complete the minimum transfer admission requirement by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

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### Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit 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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Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

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College of Agricultural and Environmental Sciences (A&ES) General Education (GE) English Composition Requirement for the Bachelor's Degree:

The College of A&ES English Composition requirement for the Bachelor's degree is an element of the UC Davis General Education (GE) pattern. This GE requirement may be satisfied by completing either two courses emphasizing written expression OR one course emphasizing written expression and one course emphasizing oral expression, with a grade of C- (or P) or better. The following UC Davis lower-division courses are among those that have been approved to satisfy this requirement: English 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1\*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (emphasis in either writing or speaking skills). The English Composition requirement may also be met by achieving a score of 4 or 5 on the Advanced Placement (AP) English examination PLUS completing any previously listed course, EXCEPT English 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC transfer students who have successfully completed the IGETC lower-division coursework are exempt from all GE requirements that may be met with lower-division courses. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer admission. See the UC Transfer Admission website. The courses used for the A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

\*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

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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 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

UWRITING 1	Expository Writing AND	(4)	) ENGL 101 Reading and (3)   Composition   AND
COMUNCN 1	Intro Public Spkg <b>OR</b>	(4)	COMS 103 Oral Communication (3)
COMUNCN 3	Intprsnl Com Cmpetnce <b>OR</b>	(4)	NO COMPARABLE COURSE
DRAMART 10	Intro To Acting		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
Note: Comple College requ	-	ion	1 will simultaneously satisfy the
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 210A Introduction to the (4)   Biological Sciences I
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	
			BIOL 210B Introduction to the (4) Biological Sciences
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life		) BIOL 210B Introduction to the (4) Biological Sciences II
CHEM 2A G	enl Chemistry	(5)	) CHEM 200 <u>&amp;</u> General Chemistry I - (3)

CHEM 2B	Genl Chemistry	(5)	  CHEM    CHEM 	2001	& &	Laboratory General Chemistry I - Lecture General Chemistry I - Laboratory	(3)
			   CHEM 	201L	_	General Chemistry II - Lecture General Chemistry II - Laboratory	(3)
CHEM 8A	Organic Chem-Brief	(2)		130 130L	-	Introduction to Organic and Biological Chemistry Introduction to	(3)
			CHEM   	1301		Organic and Biological Chemistry Laboratory	(1)
CHEM 8B	Organic Chem-Brief	(4)	CHEM	130	<u>&amp;</u>	Introduction to Organic and Biological Chemistry	(3)
			CHEM   	130L		Introduction to Organic and Biological Chemistry Laboratory	(1)
MATH 16A	Short Calculus	(3)	MATH	121		Basic Techniques of Applied Calculus I	(3)
MATH 16B	Short Calculus	(3)	MATH 	122		Basic Techniques of Calculus II	(3)
	Principles Physics Principles Physics						

# ONE COURSE FROM THE FOLLOWING (3-4 QUARTER UNITS):

W&F BIO 10 Wildl Ecol Conserve	(4) NO COURSE ARTICULATED: College has no submitted course(s) for articulation	
W&F BIO 50 Calif Wild Vertebrates	(3) NO COURSE ARTICULATED: College has no submitted course(s) for articulation	ot
W&F BIO 51 Intro to Conservation Biology	<pre>(3) NO COURSE ARTICULATED: College has no submitted course(s) for articulation</pre>	ot
RECOMMENDED COURSES FOR THE WI	LDLIFE HEALTH AREA OF SPECIALIZATION:	
CHEM 2C Genl Chemistry	(5) CHEM 201 & General Chemistry II (	3)
		2)
CHEM 118A Org Chem, Hlth & Sci	(4) CHEM 231 <u>&amp;</u> Organic Chemistry I - () Lecture	3)
	CHEM 231L Organic Chemistry I () Laboratory	2)
CHEM 118B Org Chem, Hlth & Sci	(4) CHEM 231 <u>&amp;</u> Organic Chemistry I - () Lecture	3)
	CHEM 231L <u>&amp;</u> Organic Chemistry I () Laboratory	2)
	CHEM 233 <u>&amp;</u> Organic Chemistry II () - Lecture	3)
	CHEM 233L Organic Chemistry II () Laboratory	2)
CHEM 118C Org Chem, Hlth & Sci		3)
	CHEM 233L Organic Chemistry II (	2)

			Laboratory
PHYSICS 7A	General Physics	(4)	PHYS 125 & General Physics (5
	-		PHYS 126 General Physics II (5
PHYSICS 7E	3 General Physics		PHYS 125 & General Physics (5
			PHYS 126 General Physics II (5
PHYSICS 70	C General Physics	(4)	PHYS 125 & General Physics(5PHYS 126General Physics II(5
			PHIS 120 General Physics II (5
END OF MAJ	IOR		
		<b></b>	
IMPORTANT	====works ADVISORY REGARDING THIS W		GA (ENG)==== ET
			e tool and should not be used to
	specific major preparatio	n for	UC Davis College of Engineering
majors.	De Maisell acation of AGG		hast seess the new inemate for some
major of i		ST to .	best assess the requirements for your
			r-division preparatory courses require
		-	and may be helpful in correlation
			Transfer Credit Agreements ngineering.ucdavis.edu/transfer-credit
agreements		с <u>р</u> •//е.	
MATH 21A	Calculus	(4)	MATH 150 Calculus with Analytic (5
			Geometry I
MATH 21B	Calculus	(4)	MATH 151 Calculus with Analytic (4
			Geometry II
	~ ] ]		
MATH 21C	Calculus	(4)	MATH 252 Calculus with Analytic (4
			Geometry III
MATH 21D	Vector Analysis	(4)	MATH 252 Calculus with Analytic (4
			Geometry III
 MATH 22A	Linear Algebra	(3)	MATH 254 Introduction to Linear (3
MAIN 22A	linear Argebra	(5)	Algebra
MATH 22B	Differntl Equations		MATH 255 Differential Equations (3
 СНЕМ 2А			CHEM 200 & General Chemistry I - (3
		(3)	Lecture
			CHEM 200L General Chemistry I - (2
			Laboratory
 Снем 2в	Cenl Chemistry		CHEM 200 & General Chemistry I - (3
	Genir Chemistry	(5)	Lecture
			CHEM 200L & General Chemistry I - (2
			Laboratory
			CHEM 201 <u>&amp;</u> General Chemistry II (3 - Lecture
			CHEM 201L General Chemistry II (2
			- Laboratory
CHEM 2C	Geni Cnemistry	(5)	CHEM 201 <u>&amp;</u> General Chemistry II (3 - Lecture
			CHEM 201L General Chemistry II (2
			- Laboratory
CHEM 8A	Organic Chem-Brief	(2)	CHEM 130 <u>&amp;</u> Introduction to (3 Organic and
			Biological Chemistry

		CHEM   	130L	Introduction to (1 Organic and Biological Chemistry Laboratory	1)
CHEM 8B Organic Chem-Brief	(4)	CHEM     CHEM 	130 <u>&amp;</u> 130L	Organic and Biological Chemistry	3) 1)
CHEM 118A Org Chem, Hlth & Sci	(4)	ĺ	231 <u>&amp;</u> 231L	Organic Chemistry I - (3 Lecture Organic Chemistry I (2 Laboratory	
CHEM 118B Org Chem, Hlth & Sci	(4)	   CHEM 	231L <u>&amp;</u>	Organic Chemistry I - (3 Lecture Organic Chemistry I (2 Laboratory	2)
			233 <u>&amp;</u> 233L	Organic Chemistry II (3 - Lecture Organic Chemistry II (2 Laboratory	
CHEM 128A Organic Chemistry	(3)	CHEM 	231	Organic Chemistry I - (3 Lecture	3)
CHEM 128B Organic Chemistry	(3)	ĺ	231 <u>&amp;</u> 233	Organic Chemistry I - (3 Lecture Organic Chemistry II - (3 Lecture	
CHEM 129A Organic Chem Lab	(2)	CHEM 	231L	Organic Chemistry I (2 Laboratory	2)
PHYSICS 9A Classical Physics	(5)	PHYS	195	Mechanics (5	5)
PHYSICS 9B Classical Physics	(5)	ĺ	-	Magnetism	
PHYSICS 9C Classical Physics	(5)	PHYS	196	Electricity and (5	5)
PHYSICS 9D Modern Physics	(4)	PHYS 	197		5)
BIMEDEN 20 Fundamentals of Bioengineering	(4)	NO CO 	OMPARAB	LE COURSE	
ENGIN 4 Graphics in Design	(3)	ENGE	151	Engineering Drawing (2	2)
ENGIN 6 Engr Prob Solving	(4)	NO CO	OURSE A	RTICULATED	
ENGIN 17 Circuits I	(4)	ENGE	260	Electric Circuits (3	3)
	(4)	ENGE		Statics (3	

ENGIN 45	Prop of Mats	(4)	ENGE 21		Properties of Materials	(3)
ENG CS 20	C Sci/Discrete Math	(4)	MATH 24	 5	Discrete Mathematics	(3)
	Programming ENG CS 30	(4)	CISC 190 OR CISC 192		JAVA Programming C/C++ Programming	(4) (4)
	Object-Oriented Program ENG CS 40	(4)	NO COMPA	ARABL	E COURSE	
ENG CS 50	Machine Dependent Prog	(4)	NO COMPA	ARABL	E COURSE	
	Data Structures y ENG CS 60	(4)	NO COMPI	ARABL	E COURSE	
ENG BS 1	Biosys Engr Fndts	(4)	NO COMPA	ARABL	E COURSE	
ENG BS 75	Prop Mat in Bio Sys	(4)	NO COMPA	ARABL		
ENG MEC 50	Mfg Processes	(4)	NO COMPA	ARABL	E COURSE	
ENG CHM 51	Material Balances	(4)	NO COMPA	ARABL	E COURSE	
ENG CHM 60	Engineering Problem Solv	(4)	NO COURS	SE AR	TICULATED	
ENG CHM 80	Chem Engr Profession	(1)	NO COMPA	ARABL	E COURSE	
ENG E&C 7	Prog & Microcontrollers	(4)	NO COURS	SE AR	TICULATED	
UWRITING 1	Expository Writing	(4)	ENGL 10		Reading and Composition	(3)
ENGLISH 3	Intro to Lit	(4)	ENGL 10		Composition and Literature	(3)
COMUNCN 1	Intro Public Spkg	(4)	COMS 10	3	Oral Communication	(3)
	Intprsnl Com Cmpetnce		NO COMPA	ARABL	E COURSE	
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 21	AO	Introduction to the Biological Sciences I	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 210 BIOL 210	0a <u>&amp;</u> 0b	Introduction to the Biological Sciences I Introduction to the Biological Sciences II	(4) (4)
BIOLSCI 2C		(5)	BIOL 210	0в		(4)
	50 Physical Geology		GEOL 10	0		(3)
	Intro to Atmospheric Science	(4)	NO COMPA			
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i) If a student takes GEOL 100 at San Diego Mesa College, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.