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.

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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 <a href="transfer admission website">transfer admission website</a> 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.

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

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

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#### 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.

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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.

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

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# ONE COURSE FROM THE FOLLOWING:

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

# ONE COURSE FROM THE FOLLOWING:

AF-AMST 15	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)	ANTHR 2	Introduction to	(3)
			İ	Anthropology: Cultural	
ECON 1A	Princ of Microecon	(4)	ECON 1B	Introduction to	(3)
				Microeconomics	
ECON 1B	Princ of Macroecon	(4)	ECON 1A	Introduction to	(3)
				Macroeconomics	
SOCIOL 1	Intro Sociology	(5)	SOC 1	Introduction to	(3)
				Sociology: Understanding	
				Society	
			OR		
			SOC 1H	Honors Introduction to	(3)
				Sociology: Understanding	
				Society	
POL SCI 1	Amer Natl Govt	(4)	PS 1	Introduction to Government	(3)
POL SCI 2	Intro Comp Politics	(4)	PS 2	Comparative Government	(3)
PSYCH 1	General Psychology	(4)	PSYCH 1	General Psychology	(3)
			OR		
			PSYCH 1	H Honors General	(3)

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			T by chorogy				
	ONE COURSE FR	OM T	HE FOLLOWING:				
CHICANO 10	Intro to Chic Std	(4)	HIST 21A Chicano History to (3)				
			OR  HIST 21AH Honors Chicano (3)   History to 1865				
N A STD 1	Intro NA Studies	(4)	NO COMPARABLE COURSE				
N A STD 10	NA Experience	(4)	NO COMPARABLE COURSE				
AMR STD 10	Intro American Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation				
A A STD 1	Hist Exp Asian Am	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation				
A A STD 2	Contemp Issues of Asian Americans	(4)	:				
WOM STD 50	Intro Gender Studies	(4)	WS 1 Introduction to Women's (3)   Studies				
	TWO COURSES FROM THE FOLLOWING:						
HISTORY 15A	Africa to 1900	(4)	NO COURSE ARTICULATED				
-	Africa Today		NO COURSE ARTICULATED				
		( - /					

HISTORY 15B	Africa Today	(4) NO COURSE ARTICULATED	

HISTORY 17A U.S. History (4) | HIST 17A United States History (3) to 1865 HISTORY 17B U.S. History (4) HIST 17B United States History (3)

since 1865

### 4 QUARTER UNITS FROM THE FOLLOWING:

AF-AMST 16	African Verbal Arts	(4)   NO	COMPARABLE	COURSE
AF-AMST 51	History Af-Amr Dance	(4) NO	COMPARABLE	COURSE
DRAMART 41A	Beg Jazz Dance	(2) NO	COMPARABLE	COURSE
DRAMART 41B	Inter Jazz Dance	(2)   NO	COMPARABLE	COURSE
DRAMART 44A	Beg Hip Hop Dance	(2-4) NO	COMPARABLE	COURSE
DRAMART 44B	Inter Hip Hop Dance	$(2-4) \mid NO$	COMPARABLE	COURSE
MUSIC 28	Introduction to African	(4)   NO	COMPARABLE	COURSE
	American Music			

# END OF MAJOR

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

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

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

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

(4) | HIST 17A United States History (3) to 1865

OR | OR
POL SCI 1 Amer Natl Govt (4) | PS 1 Introduction to Government (3)

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

AN SCI 1 Domest Ani & People (4) | NO COMPARABLE COURSE

A MINIMUM OF 8 QUARTER UNITS AN SCI 1 Domest Ani & People AN SCI 2 Intro Animal Sci AN SCI 21 Livestock&Dairy Jdg AN SCI 41 Domestic Ani Prod	FROM EACH OF THE FOLLOWING AREAS:  (4) NO COMPARABLE COURSE  (4) NO COMPARABLE COURSE  (2) NO COMPARABLE COURSE  (2) NO COMPARABLE COURSE
ABIOSYT 16 Metal Prop & Fabr	(2) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ABIOSYT 49 Fld Equip Oper ABIOSYT 52 Field Equip Welding	(2) NO COMPARABLE COURSE
AGRESEC 15 Pop, Envr, World Agri	(4)   NO COURSE ARTICULATED: College has not   submitted course(s) for articulation   AND
ECON 1A Princ of Microecon  OR	
ECON 1B Princ of Macroecon	1
ENVHORT 1 Intro Envhort/Urb For	
ENVHORT 6 Intro Environ Plants	!
PL SCI 5 Plants Gard, Orch & Land FORMERLY PLANT BIO 1	
ENV S&P 10 Current Issues in	(3) NO COMPARABLE COURSE
Environment	
	students who have completed ENV S&P 1
ENV S&P 10 not open for credit to	students who have completed ENV S&P 1  (3) NO COMPARABLE COURSE
ENV S&P 10 not open for credit to ENV TOX 10 Intro Environ Toxicology	
ENV S&P 10 not open for credit to  ENV TOX 10 Intro Environ	(3) NO COMPARABLE COURSE  (3) NO COURSE ARTICULATED: College has not submitted course(s) for articulation  (3) NO COMPARABLE COURSE
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Environment

MATH 16A Short Calculus  (3) MATH 18 Business Calculus (4)  OR  MATH 5A Analytic Geometry and (5)  Calculus I  MATH 16B Short Calculus  OR  MATH 17A Calculus for BioSci  MATH 17B Calculus for Biosci  MATH 17B Calculus for Biosci  OR  MATH 17B Calculus for Biosci  (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation submitted course(s) for articulation  OR  MATH 17B Calculus for Biosci  (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation  OR  MATH 21A Calculus  (4) MATH 5A Analytic Geometry and (5)  Calculus I  MATH 21B Calculus  (4) MATH 5B Analytic Geometry and (5)  Calculus I  PHYSICS 7A General Physics  (4) PHYS 2A & General Physics I (4)  PHYS 2B General Physics I (4)  PHYS 2B General Physics I (4)  PHYS 2B General Physics I (4)					
MATH 16B Short Calculus  OR  MATH 17A Calculus for BioSci  MATH 17B Calculus for Biosci  OR  MATH 17B Calculus for Biosci  MATH 17B Calculus for Biosci  OR  MATH 17B Calculus for Biosci  MATH 17B Calculus for Biosci  OR  MATH 21A Calculus for Biosci  OR  MATH 21A Calculus  OR  MATH 21B Calculus  (4) MATH 5A Analytic Geometry and (5)  Calculus I  MATH 21B Calculus  (4) MATH 5B Analytic Geometry and (5)  Calculus I  PHYSICS 7A General Physics  (4) PHYS 2A General Physics I (4)  PHYS 2B General Physics II (4)  PHYSICS 7B General Physics I (4)	MATH 16A	Short Calculus	(3)	!	Business Calculus (4)
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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 5A   Analytic Geometry and (5)     Calculus I     MATH 21B   Calculus   (4)   MATH 5B   Analytic Geometry and (5)     Calculus II     PHYSICS 7A   General Physics   (4)   PHYS 2A & General Physics I   (4)     PHYSICS 7B   General Physics   (4)   PHYS 2A & General Physics I   (4)     PHYSICS 7B   General Physics   (4)   PHYS 2A & General Physics I   (4)     PHYSICS 7B   General Physics   (4)   PHYS 2A & General Physics I   (4)     PHYSICS 7B   General Physics   (4)   PHYS 2A & General Physics I   (4)		OR		j	OR
MATH 17B Calculus for Biosci  OR  MATH 21A Calculus  MATH 21B Calculus  (4) MATH 5A Analytic Geometry and (5)  Calculus I  MATH 21B Calculus  (4) MATH 5B Analytic Geometry and (5)  Calculus I  PHYSICS 7A General Physics  (4) PHYS 2A & General Physics I (4)  PHYSICS 7B General Physics  (4) PHYS 2A & General Physics I (4)	MATH 17A	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not
submitted course(s) for articulation  OR  MATH 21A Calculus  (4) MATH 5A Analytic Geometry and (5)  Calculus I  MATH 21B Calculus  (4) MATH 5B Analytic Geometry and (5)  Calculus II  PHYSICS 7A General Physics  (4) PHYS 2A & General Physics I (4)  PHYSICS 7B General Physics (4) PHYS 2A & General Physics I (4)				submitted	course(s) for articulation
submitted course(s) for articulation  OR  MATH 21A Calculus  (4) MATH 5A Analytic Geometry and (5)  Calculus I  MATH 21B Calculus  (4) MATH 5B Analytic Geometry and (5)  Calculus II  PHYSICS 7A General Physics  (4) PHYS 2A & General Physics I (4)  PHYSICS 7B General Physics (4) PHYS 2A & General Physics I (4)	MATH 17B	Calculus for Biosci	(4)	NO COURSE	ARTICULATED: College has not
MATH 21A Calculus (4) MATH 5A Analytic Geometry and (5)  MATH 21B Calculus (4) MATH 5B Analytic Geometry and (5)  Calculus I  PHYSICS 7A General Physics (4) PHYS 2A & General Physics I (4)  PHYSICS 7B General Physics (4) PHYS 2A & General Physics I (4)				!	_
MATH 21B Calculus (4) MATH 5B Analytic Geometry and (5) Calculus II  PHYSICS 7A General Physics (4) PHYS 2A & General Physics I (4) PHYS 2B General Physics II (4) PHYS 1CS 7B General Physics I (4) PHYS 2A & General Physics I (4)		OR		j	OR
MATH 21B Calculus (4) MATH 5B Analytic Geometry and (5) Calculus II  PHYSICS 7A General Physics (4) PHYS 2A & General Physics I (4) PHYS 2B General Physics II (4) PHYS 1CS 7B General Physics I (4) PHYS 2A & General Physics I (4)	MATH 21A	Calculus	(4)	MATH 5A	Analytic Geometry and (5)
PHYSICS 7A General Physics (4) PHYS 2A & General Physics I (4) PHYSICS 7B General Physics (4) PHYS 2A & General Physics II (4) PHYSICS 7B General Physics I (4)				j	
PHYSICS 7A General Physics (4) PHYS 2A & General Physics I (4) PHYSICS 7B General Physics (4) PHYS 2A & General Physics II (4) PHYSICS 7B General Physics I (4)	MATH 21B	Calculus	(4)	MATH 5B	Analytic Geometry and (5)
PHYS 2B General Physics II (4) PHYSICS 7B General Physics (4) PHYS 2A & General Physics I (4)			. ,	İ	
PHYS 2B General Physics II (4) PHYSICS 7B General Physics (4) PHYS 2A & General Physics I (4)					
PHYS 2B General Physics II (4) PHYSICS 7B General Physics (4) PHYS 2A & General Physics I (4)	PHYSICS 7A	General Physics	(4)	PHYS 2A &	General Physics I (4)
PHYSICS 7B General Physics (4) PHYS 2A & General Physics I (4)		-		: —	<del>-</del>
· · · · · · · · · · · · · · · · · · ·	PHYSICS 7B	General Physics	(4)	PHYS 2A &	<del>-</del>
		7	. ,	: -	<del>-</del>

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

j) If a student takes GEOL 10 at Cabrillo College, credit will be granted for UC Davis's GEOLOGY 1 or 50+50L, not both.

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

#### Special Advising Note:

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

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

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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.

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 	COMPARA	ABLE COURSE
AMR	STD	1B	Relig in Am Lives	(4)	NO	COMPARA	ABLE COURSE
AMR	STD	1C	American Lives	(4)	NO	COMPARA	ABLE COURSE
AMR	STD	1E	Nat&Cult Amr	(4)	NO	COMPARA	ABLE COURSE
AMR	STD	5	Tech in Amr Lives	(4)	NO	COMPARA	ABLE COURSE
AMR	STD	21	Objects & Everyday Life	(4)			ARTICULATED: College has not course(s) for articulation
AMR	STD	25	U.S. as Business Culture	(4)	:		ARTICULATED: College has not course(s) for articulation
AMR	STD	30	Amr Images Pop Cult	(4)	NO	COMPARA	ABLE COURSE
			Food in Amer Culture FD S&T 55	(4)	!		ARTICULATED: College has not course(s) for articulation
AMR	STD	59	Music and American Culture	(4)	  MUS 	3 13A	Survey of American (3) Popular Music

#### ONE COURSE FROM THE FOLLOWING:

AF-AMST	10	Af-Am Culture	& Soc	(4)	NO	COMPARA	ABLE COURSE			
A A STD	1	Hist Exp Asian	Am	(4)	NO	COURSE	ARTICULATED:	College	has	not
					sub	mitted	course(s)for	articula	atior	ı
CHICANO	10	Intro to Chic	Std	(4)	HIS	T 21A	Chicano H	History to	Э	(3)
							1865			
						OR				
					HIS	T 21AH	Honors Ch	nicano		(3)
							History t	o 1865		

#### ONE COURSE FROM THE FOLLOWING:

ANTHRO 2	Cultural Anthropology	(5) ANTHR 2 Introduction to Anthropology: Cultural	(3)
SOCIOL 2 WOM STD 50	Self and Society Intro Gender Studies	(4) NO COMPARABLE COURSE (4) WS 1 Introduction to Women's	(3)
WOM DID 30	incro dender bedares	Studies	(3)
	ONE COURSE I	FROM THE FOLLOWING:	
HISTORY 17A	U.S. History	(4)   HIST 17A United States History to 1865	(3)
HISTORY 17B	U.S. History	(4) HIST 17B United States History	(3)

since 1865 HISTORY 72A Am Women & Gender (4) HIST 14 Women in America (3) HISTORY 72B Am Women & Gender (4) NO COMPARABLE COURSE

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#### ONE COURSE FROM THE FOLLOWING:

ENGLISH 3 Intr	o to Lit	(4)			Composition and Literature	(3)
			ENGL 		Honors Composition and Literature	(3)
			_	<u>DR</u> 1BMC	Composition and Literature: Multicultural Emphasis	(3)
d) ENGLISH 10A	Literatures in English I: To 1700	(4)	ENGL	46A	Major British Writers I	(3)
d) ENGLISH 10B	Literatures in English II:	(4)	ENGL	46A	Major British Writers I	(3)
	1700-1900		OF	?		
			ENGL	46B	Major British Writers II	(3)
			OF	2		
			ENGL	30A	American Literature	(3)
e) ENGLISH 10C	Literatures in English III: 1900	(4)	ENGL	46B	Major British Writers II	(3)
	to Present		OF	2		
			ENGL	30B	American Literature	(3)
FILM ST 1 Intr	o to Film Studies	(4)	ENGL	49A	The Language of Film: Film History	(3)

Formerly Humanities 10

END OF MAJOR

- d) If a student takes ENGL 46A at Cabrillo College, credit will be given for UC Davis's ENGLISH 10A or ENGLISH 10B, not both.
- e) If a student takes ENGL 46B at Cabrillo College, credit will be given for UC Davis's ENGLISH 10B or ENGLISH 10C, but not both.

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

# Special Advising Note:

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

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

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

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

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

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

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

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

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

avallable i	rom our TAG Website.				
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	  BIO 9 <i>¤</i> 	A	Molecular, Cellular, and (5) Animal Biology
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIO 9E	3	Ecology, Evolution, and (5) Plant Biology
BIOLSCI 2C	Intro Biology:	(5)	BIO 9A	<u>&amp;</u> ₽	Molecular, Cellular, and (5)
	Biodiversity & the Tree of Life		  BIO 9E	,	Animal Biology Ecology, Evolution, and (5)
	or pile		  BIO 9E	5	Plant Biology
					General Chemistry I (5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1	LA <u>&amp;</u>	General Chemistry I (5) General Chemistry II (5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1	lB	General Chemistry II (5)
CHEM 8A	Organic Chem-Brief	(2)		l2A	
			ļ		Laboratory I
CHEM 8B	Organic Chem-Brief	(4)	CHEM 1  CHEM 1		<pre>Organic Chemistry II (3) Organic Chemistry (2)</pre>
	OR				Laboratory II  OR
CHEM 118A	Org Chem, Hlth & Sci	(4)	:		
			CHEM 1	LZAL	Organic Chemistry (2) Laboratory I
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 1	l2A	<del>-</del>
			CHEM 1	12AL	
			  CHEM 1	12B	Laboratory I  & Organic Chemistry II (3)
			CHEM 1		
					Laboratory II
MATH 16A	Short Calculus	(3)	  MATH 1   <b>OR</b>	18	Business Calculus (4)
			MATH 5	5A	Analytic Geometry and (5) Calculus I
MATH 16B	Short Calculus	(3)	MATH 5	ōΑ	Analytic Geometry and (5)
MATH 16C	Short Calculus	(3)	  MATH	5 B	Calculus I Analytic Geometry and (5)
MAIII 10C	SHOLE CALCULUS	(3)		מנ	Calculus II
	OR		ļ		OR
MATH 17A	Calculus for BioSci	(4)	:		ARTICULATED: College has not course(s) for articulation
MATH 17B	Calculus for Biosci	(4)	1		ARTICULATED: College has not
			submit	ted	course(s) for articulation
MATH 17C	Calculus for BioSci	(4)			ARTICULATED: College has not course(s) for articulation
	OR				OR
MATH 21A	Calculus	(4)	MATH 5	ōΑ	Analytic Geometry and (5) Calculus I
MATH 21B	Calculus	(4)	  MATH 5 	5B	Analytic Geometry and (5) Calculus II
MATH 21C	Calculus	(4)	MATH 5	5C	Analytic Geometry and (5)

								Calculus	s III		
PHYSICS	7A	General	Physics	(4)	   PHYS	2A	 &	General	Physics	I	(4)
					PHYS	2B		General	Physics	II	(4)
PHYSICS	7B	General	Physics	(4)	PHYS	2A	&	General	Physics	I	(4)
					PHYS	2B	_	General	Physics	II	(4)
PHYSICS	7C	General	Physics	(4)	PHYS	2A	<u>&amp;</u>	General	Physics	I	(4)
					PHYS	2В		General	Physics	II	(4)

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

STATIST Same		Elementa STATIST 13	ry Statistics Y	(4)	MATH 12   <u>OR</u>	Elementary	Statistics	(5)
					MATH 12H 	Honors Eler Statistics	mentary	(5)
					<u>OR</u>		_	
					PSYCH 2A	Statistics	-	(3)
					 	Behavioral	Sciences	
AN BIOL	50A	Animal	Biol Lab	(2)	NO COURSE	ARTICULATED:	College has	s not
					submitted	course(s) for	r articulat:	ion
AN BIOL	50B	Animal	Biology	(3)	NO COURSE	ARTICULATED:	College has	s not
					submitted	course(s) for	r articulat:	ion
AN BIOL	50C	Animal	Biology	(3)	NO COURSE	ARTICULATED:	College has	s not
					submitted	course(s) for	r articulat:	ion

#### 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 <a href="https://doi.org/10.10/10.2016/journal.org/10.2016/journal.o

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

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#### Education(GE) Note:

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

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

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

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

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

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AN SCI 1 AN SCI 2	Domest Ani & People Intro Animal Sci	(4) NO COMPAR.	
BIOLSCI 2A	Intro Biology:Life on Earth	(5) BIO 9A 	Molecular, Cellular, and (5) Animal Biology
BIOLSCI 2B	Intro Biology: Ecology	(5) BIO 9B	Ecology, Evolution, and (5)

BIOLSCI 2C	& Evolution Intro Biology: Biodiversity & the Tree of Life	(5)	Plant Biology BIO 9A & Molecular, Cellular, and (5) Animal Biology BIO 9B Ecology, Evolution, and (5) Plant Biology
CHEM 2A CHEM 2B	Genl Chemistry Genl Chemistry		CHEM 1A General Chemistry I (5)   CHEM 1A & General Chemistry I (5)   CHEM 1B General Chemistry II (5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM 12A & Organic Chemistry I (3)   CHEM 12AL Organic Chemistry (2)   Laboratory I
CHEM 8B	Organic Chem-Brief	(4)	CHEM 12B & Organic Chemistry II (3)   CHEM 12BL Organic Chemistry (2)   Laboratory II
PL SCI 21	Computers in Technology OR	(3)	NO COMPARABLE COURSE OR
B) ENG CS	15 Intro to Computers	(4)	CS 1 & Introduction to Computers (3) and Computer Technology
			CS 1L Technology Tools (2)
ECON 1A	Princ of Microecon	(4)	ECON 1B Introduction to (3)
ECON 1B	Princ of Macroecon	(4)	ECON 1A Introduction to (3) Macroeconomics
MGMT 11A	Elem Accounting	(4)	ACCT 1A Financial Accounting (4)
MGMT 11B			ACCT 1B Managerial Accounting (4)
MATH 16A	Short Calculus	(3)	MATH 18 Business Calculus (4)   <u>OR</u>
			MATH 5A Analytic Geometry and (5)   Calculus I
MATH 16B	Short Calculus	(3)	MATH 5A Analytic Geometry and (5)   Calculus I
MATH 16C	Short Calculus	(3)	MATH 5B Analytic Geometry and (5) Calculus II
	OR		OR
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not
MATH 17B	Calculus for Biosci	(1)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not
MAIH 1/B	Calculus for Blosef	(4)	submitted course(s) for articulation
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
M3 FFF 01 3	OR	( 1 )	OR
MATH 21A	Calculus	(4)	MATH 5A Analytic Geometry and (5)   Calculus I
MATH 21B	Calculus	(4)	MATH 5B Analytic Geometry and (5)
MATH 21C	Calculus	(4)	Calculus II MATH 5C Analytic Geometry and (5)
			Calculus III

# AREAS OF SPECIALIZATION:

# AQUATIC ANIMALS SPECIALIZATION

AN SCI 18 Intro Aquaculture (4) NO COMPARABLE COURSE

AN SCI 42	Intro Comp Ani Bio	(4) NO COMPARABLE COURSE						
	DAIRY SPE	CIALIZATION						
	Domestic Ani Prod Domest An Prod Lab	(2) NO COMPARABLE COURSE (2) NO COURSE ARTICULATED: College has not submitted course(s) for articulation						
EQUINE SPECIALIZATION								
AN SCI 15	Intro Horse Husb	(3) NO COMPARABLE COURSE						
	LIVESTOCK	SPECIALIZATION						
	Domestic Ani Prod Domest An Prod Lab	(2) NO COMPARABLE COURSE (2) NO COURSE ARTICULATED: College has not submitted course(s) for articulation						
POULTRY SPECIALIZATION								
AV SCI 11	Intro Poultry Sci	(3) NO COMPARABLE COURSE						
	RESTRICTED ELEC	TIVES (12 QUARTER UNITS):						
AGRESEC 18	Business Law	(4) BUS 18 Business Law (4)						
END OF MAJOR								

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

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

# Special Advising 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.

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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.

AN SCI 1 AN SCI 2 AN SCI 41 AN SCI 41L	Domest Ani & People Intro Animal Sci Domestic Ani Prod Domest An Prod Lab	(4)	NO COMPARA	ABLE COURSE ABLE COURSE ABLE COURSE ABLE COURSE ARTICULATED: College has not
	Domest An Flou Lab		1	course(s)for articulation
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIO 9A 	Molecular, Cellular, and (5) Animal Biology
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIO 9B 	Ecology, Evolution, and (5) Plant Biology

BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIO 9A <u>&amp;</u>    BIO 9B 	Molecular, Cellular, and (5) Animal Biology Ecology, Evolution, and (5) Plant Biology					
CHEM 2A CHEM 2B	Genl Chemistry Genl Chemistry		CHEM 1A &	General Chemistry I (5) General Chemistry I (5) General Chemistry II (5)					
CHEM 8A	Organic Chem-Brief	(2)	CHEM 12A  CHEM 12AL 	& Organic Chemistry I (3)					
CHEM 8B	Organic Chem-Brief OR	(4)	CHEM 12B CHEM 12BL	& Organic Chemistry II (3)					
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 12A CHEM 12AL	& Organic Chemistry I (3)					
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 12A CHEM 12AL	Organic Chemistry I (3) Organic Chemistry (2) Laboratory I					
			CHEM 12B  CHEM 12BL 						
MATH 16A	Short Calculus	(3)	MATH 18   <b>OR</b>	Business Calculus (4)					
			MATH 5A	Analytic Geometry and (5) Calculus I					
MATH 16B	Short Calculus	(3)	MATH 5A	Analytic Geometry and (5) Calculus I					
MATH 17A	<b>OR</b> Calculus for BioSci	(4)	  NO COURSE	OR ARTICULATED: College has not					
MATH 17B	Calculus for Biosci	(4)	NO COURSE	<pre>course(s) for articulation ARTICULATED: College has not course(s) for articulation</pre>					
	OR		ĺ	OR					
MATH 21A	Calculus		j	Analytic Geometry and (5) Calculus I					
MATH 21B	Calculus	(4)	MATH 5B   	Analytic Geometry and (5) Calculus II					
AREAS OF SPECIALIZATION:									
AQUATIC ANIMALS									
AN SCI 18	Intro Aquaculture	(4)	NO COMPARA	ABLE COURSE					
	AVIAN SO	CIEN	CES						
	Birds,Humans & Env		NO COMPARA	ABLE COURSE					
	COMPANION AND	CAP'	TIVE ANIMA	LS					

AN SCI 42 Intro Comp Ani Bio (4) 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 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 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

EVOLUTIONARY EMPHASIS: ANTHRO 1 Human Evol Biol (4) ANTHR 1 Introduction to (3) Anthropology: Biological ANTHR 1H Honors Introduction to (3) Anthropology: Biological ANTHRO 2 Cultural Anthropology (5) ANTHR 2 Introduction to ANTHRO 3 Intr to Archaeology (4) ANTHR 3 Introduction to (3) Anthropology: Archaeology \_\_\_\_\_\_ ONE COURSE FROM THE FOLLOWING: ANTHRO 15 Human Life Cycle (5) NO COMPARABLE COURSE ANTHRO 23 Intr World Prehist (4) NO COMPARABLE COURSE 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 |submitted course(s)for articulation Nature 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 | (4) | MATH 12 | Elementary Statistics (5) Same as: STATIST 13Y OR | MATH 12H Honors Elementary (5) Statistics OR | PSYCH 2A Statistics for Behavioral Sciences STATIST 32 Gateway to Data Science (4) NO COURSE ARTICULATED: College has not |submitted course(s) for articulation SOCIOCULTURAL EMPHASIS: ANTHRO 2 Cultural Anthropology (5) ANTHR 2 Introduction to (3) Anthropology: Cultural \_\_\_\_\_\_ TWO COURSES FROM THE FOLLOWING: ANTHRO 1 Human Evol Biol (4) ANTHR 1 Introduction to (3) Anthropology: Biological OR ANTHR 1H Honors Introduction to (3) Anthropology: Biological ANTHRO 3 Intr to Archaeology (4) ANTHR 3 Introduction to (3) Anthropology: Archaeology ANTHRO 4 Anthro Linguistics (4) NO COMPARABLE COURSE

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

ANTHRO 20	Comparative Cultures	(4)	NO COMPARA	ABLE COURSE
ANTHRO 30	Sexualities	(4)		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)	1	ARTICULATED: College has not
			submitted	course(s) for articulation

#### END OF MAJOR

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

### Special Advising Note:

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

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

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

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

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

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

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:

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

ANTHRO 1 Human Evol Biol (4) ANTHR 1 Introduction to (3)

		OR	
		ANTHR 1H	Honors Introduction to (3) Anthropology: Biological
ANTHRO 2 Cultural Anthropolog	gy (5)	ANTHR 2	Introduction to (3)
ANTHRO 3 Intr to Archaeology	y (4)	  ANTHR 3 	Anthropology: Cultural Introduction to (3) Anthropology: Archaeology
BIOLSCI 2A Intro Biology:Life Earth	fe on (5)	BIO 9A	Molecular, Cellular, and (5) Animal Biology
BIOLSCI 2B Intro Biology: Ed & Evolution	cology (5)	  BIO 9B	Ecology, Evolution, and (5) Plant Biology
BIOLSCI 2C Intro Biology:		  BIO 9A <u>&amp;</u>	Molecular, Cellular, and (5)
Biodiversity & th of Life	ne Tree	  BIO 9B 	Animal Biology Ecology, Evolution, and (5) Plant Biology
CHEM 2A Genl Chemistry			General Chemistry I (5)
CHEM 2B Genl Chemistry	(5)	CHEM IA &  CHEM 1B	General Chemistry I (5) General Chemistry II (5)
CHEM 8A Organic Chem-Brief	(2)	CHEM 12A  CHEM 12AL 	<b>—</b>
CHEM 8B Organic Chem-Brief	(4)	CHEM 12B	& Organic Chemistry II (3)
OR			Laboratory II  OR
CHEM 118A Org Chem, Hlth & S	Sci (4)	CHEM 12A	& Organic Chemistry I (3)
CHEM 118B Org Chem, Hlth & S	Sci (4)	!	© Organic Chemistry I (3) © Organic Chemistry (2) Laboratory I
		  CHEM 12B  CHEM 12BL	& Organic Chemistry II (3)
		CHEM 1280 	Laboratory II
MATH 16A Short Calculus	(3)	MATH 18   <b>OR</b>	Business Calculus (4)
		<u>9</u>  MATH 5A 	Analytic Geometry and (5) Calculus I
MATH 16B Short Calculus	(3)	  MATH 5A 	
MATH 16C Short Calculus	(3)	  MATH 5B 	Analytic Geometry and (5) Calculus II
OR MATH 17A Calculus for BioSci	i (4)	!	OR ARTICULATED: College has not
MATH 17B Calculus for Biosci	i (4)	NO COURSE	<pre>course(s) for articulation ARTICULATED: College has not</pre>
MATH 17C Calculus for BioSci	i (4)	NO COURSE	<pre>course(s) for articulation ARTICULATED: College has not course(s) for articulation</pre>
OR MATH 21A Calculus	(4)	  MATH 5A	OR Analytic Geometry and (5)
MATH 21B Calculus		    MATH 5B	Calculus I
MATH 21C Calculus		  MATH 5C 	Calculus II

#### ONE COURSE FROM THE FOLLOWING:

ANTHRO 13	Sci Method in Physical Anthropology	(4)	1	ARTICULATED: College has course(s) for articulati	
SOCIOL 46B	Intro Social Rsch	(5)	!	ABLE COURSE	
STATIST 13	Elementary Statistics STATIST 13Y	(4)	MATH 12   <b>OR</b>	Elementary Statistics	(5)
banic ab			<u>910</u>   MATH 12H 	Honors Elementary Statistics	(5)
			OR  PSYCH 2A	Statistics for	(3)
				Behavioral Sciences	( - /
STATIST 32	Gateway to Data Science	(4)	!	ARTICULATED: College has course(s) for articulati	

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#### END OF MAJOR

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

#### Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is <a href="https://doi.org/10.1001/journal.com/">highly recommended</a> 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  $\frac{\text{http:}//\text{tag.ucdavis.edu}}{\text{http:}}$  for details regarding UC Davis TAG.

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

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

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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> Catalog 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:

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

MATH 21A	Calculus	(4)	   MATH 	5A	Analytic Geometry and (5) Calculus I
MATH 21B	Calculus	(4)	MATH	5B	Analytic Geometry and (5)
MATH 21C	Calculus	(4)		ГО	Calculus II
MATH ZIC	Calculus	(4)	MATH	50	Analytic Geometry and (5) Calculus III
MATH 21D	Vector Analysis	(4)	  MATH 	5C	
MATH 22B	Differntl Equations	(3)	MATH	7	
MA EST. 003 T	T' 71 G T 1	(1)		2.0	Differential Equations
MATH 22AL	Lin Alg Comp Lab	( 1 )	ENGR 	30	Computer Applications (4) in Engineering
	or equivalent basic	knowle	dge of	Е МАТ	
	BOTH OF TH	E FOLL	OWING	COUR	RSES:
MATH 22A	Linear Algebra	(3)	MATH	6	• • • • • • • • • • • • • • • • • • • •
					Algebra
MA TO 100	AND	(4)	l mile i		AND
MATH 108	Intro Abstract Math	(4)	This	cour	rse must be taken at UC Davis
	OR SELECT	THE F	OLLOW:	ING C	COURSE:
MATH 67	Modern Linear Algebra	(4)			ARTICULATED: College has not
			subm	itted	l course(s) for articulation
NOTE: Dogic	r browledge of MARIAD is				th MATH 67 and 22A. Students
					Mechanical Engineering 5 or
	unit course Mathematics				
ENG CS 32A	<pre>Intro to Programming(4)</pre>		NO CO	OMPAR	RABLE COURSE
Formerl	y ENG CS 10				
ENGIN 6	Engr Prob Solving	(4)	ENGR 	30	Computer Applications (4) in Engineering
Please	note that the community	colleg	e's c	omput	er science courses
	. 1	_		_	

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

STUDENTS WILL NEED TO CHOOSE ONE OF THE FOLLOWING TWO-COURSE SEQUENCES: BIOLSCI 2A Intro Biology:Life on (5) BIO 9A Molecular, Cellular, and (5) Earth Animal Biology Intro Biology: Ecology (5) BIO 9B Ecology, Evolution, and (5) BIOLSCI 2B Plant Biology & Evolution OR OR CHEM 2A Genl Chemistry (5) CHEM 1A General Chemistry I (5) CHEM 2B Genl Chemistry (5) CHEM 1A & General Chemistry I CHEM 1B General Chemistry II (5) OR OR ECON 1A Princ of Microecon (4) ECON 1B Introduction to (3) Microeconomics ECON 1B Princ of Macroecon (4) ECON 1A Introduction to (3) Macroeconomics OR OR PHYSICS 9A Classical Physics (5) PHYS 4A Physics for Scientists (5) and Engineers I (5) PHYS 4C PHYSICS 9B Classical Physics Physics for Scientists (5) OR OR

STATIST 32 Gateway to Data Science (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation

STATIST 100 Applied Stats for Bio (4) This course must be taken at UC Davis Sci

OR

#### OTHER APPROVED APPLIED PREPARATORY COURSES

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END OF MAJOR

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

#### Special Advising Note:

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

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

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#### Special Advising Note for future applicants:\*

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

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

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

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

\*Information for future applicants is subject to change

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

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

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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.

available f	rom our TAG website.				
PHYSICS 9A	Classical Physics	(5)	  PHYS 4A 	Physics for Scientists and Engineers I	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS 4C	Physics for Scientists and Engineers III	(5)
PHYSICS 9C	Classical Physics	(5)	PHYS 4B	Physics for Scientists and Engineers II	(5)
PHYSICS 9D	Modern Physics OR	(4)	PHYS 4D	Modern Physics OR	(3)
PHYSICS 9HA	Honors Physics	(5)	NO COMPARA	ABLE COURSE	
PHYSICS 9HB	Honors Physics	(5)	NO COMPARA	ABLE COURSE	
PHYSICS 9HC	Honors Physics	(5)	NO COMPARA	ABLE COURSE	
PHYSICS 9HD	Honors Physics	(5)	NO COMPARA	ABLE COURSE	
PHYSICS 9HE	Honors Physics	(5)	NO COMPARA	ABLE COURSE	
MATH 21A	Calculus	(4)	MATH 5A 	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus		MATH 5B 	Calculus II	(5)
MATH 21C	Calculus		MATH 5C 	Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH 5C 	Analytic Geometry and Calculus III	(5)
MATH 22A	Linear Algebra	(3)	MATH 6 	Introduction to Linear Algebra	(3)
MATH 22B	Differntl Equations	(3)	MATH 7 	Introduction to Differential Equations	(3)
	ATMOSPHERIC PH	VCTO	C CONCENTED		
PHYSICS 40	Intr Physics Computation				
	CHEMICAL PH	IYSIC	S CONCENTRA	ATION	
	Genl Chemistry			General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)		General Chemistry I	(5)
				General Chemistry II	(5)
	Genl Chemistry		CHEM 1B	General Chemistry II	(5)
PHYSICS 40	Intr Physics Computation	(4)	NO COURSE	ARTICULATED	
	COMPUTATIONAL	PHY	SICS CONCE	NTRATION	

(4) CS 11 Introduction to

(4)

ENG CS 36A Programming

Formerly 1	ENG CS 30				Programming Concepts and Methodology, C++	
			CS	<u>OR</u> 11M	Introduction to C/C++	(4)
					Programming Using Microcontrollers	
			  CS	<u>OR</u> 12J	Introduction to	(4)
					Programming Concepts & Methodology, JAVA	
			j Ics	OR 12GP	Introduction to	(4)
				12GP	Programming Using Games and Simulations	(4)
			j Ics	<u>OR</u> 20J	Java Programming	(4)
ENG CS 36B (Formerly	Object-Oriented ENG CS 40	Program (	4) CS		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.

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### GEOPHYSICS CONCENTRATION

PHYSICS 40 Intr Physics Computation (4) NO COURSE ARTICULATED

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#### MATERIALS SCIENCE CONCENTRATION

PHYSICS 40 Intr Physics Computation (4) NO COURSE ARTICULATED

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# PHYSICAL ELECTRONICS CONCENTRATION

ENGIN 17	Circuits I	(4)	ENGR 15	Circuits	(4)
PHYSICS 40	Intr Physics Computation	n (4)	NO COURSE	ARTICULATED	
PHYSICS 80	Experimental Techniques	(4)	NO COURSE	ARTICULATED	

|

# PHYSICAL OCEANOGRAPHY CONCENTRATION

PHYSICS 40 Intr Physics Computation (4) NO COURSE ARTICULATED

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END OF MAJOR

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

# Special Advising Note:

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

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

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

FOUR COURSES FROM THE FOLLOWING: ARTHI 1A Ancient Mediterranean Art (4) AH 11 Ancient Art OR AH 11H Honors Ancient Art (3) (4) AH 12 & Middle Ages: ARTHI 1B Mediev&Renaiss Art (3) Art/Mediterranean World and Europe (AD 300-1400) AH 13 Renaissance to Mid-19th (3) Century ARTHI 1C Baroque to Modern Art (4) AH 14 Modern Art (3) (4) AH 17 ARTHI 1D Arts of Asia Art of China, Korea and (3) Japan (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (4) NO COMPARABLE COURSE ARTHI 1E Islamic Art & Architecture ARTHI 5 Visual Culture ARTHI 25 Understanding (4) NO COMPARABLE COURSE Architecture ONE ART STUDIO COURSE FROM:

ART 2	Beginning Drawing	(4)	ART 2A <u>&amp;</u>	Drawing and Composition I	(3)
			ART 2B	Drawing and Composition II	(3)
ART 5	Beginning Sculpture	(4)	ART 34A	Sculpture: Direct Processes I	(3)
			OR		
			ART 34B	Sculpture: Direct	(3)
			j	Processes II	
ART 7	Beginning Painting	(4)	ART 31A	Painting I	(3)
			OR		
			ART 31B	Painting II	(3)
ART 8	Beginning Ceramic Sculpture	(4)	NO COMPAR	ABLE COURSE	

ART 9	Beginning Photography	(4)	AP 9A	Beginning Photography	(3)
ART 11	Beginning Printmaking	(4)	ART 32A	Printmaking: Etching and	(3)
				Intaglio	
ART 12	Beginning Video	(4)	DM 34	Introduction to Video	(4)
				Production	
ART 24	Intro Experimental Video	(4)	AP 55	The Moving Image:	(3)
	and Film			Experimental Film, Video	
				and new Media Art	

END OF MAJOR

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

#### Special Advising Note:

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

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

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

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

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

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

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# College Foreign Language Requirement Note:

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

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

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

			I	Т	
			ART 2B	Drawing and Composition	(3)
ART 5	Beginning Sculpture	(4)	ART 34A	Sculpture: Direct	(3)
			İ	Processes I	
			OR		
			ART 34B	Sculpture: Direct	(3)
				Processes II	
ART 7	Beginning Painting	(4)	ART 31A	Painting I	(3)
			OR		
			ART 31B	Painting II	(3)
ART 8	Beginning Ceramic Sculpture	(4)	NO COMPA	RABLE COURSE	
ART 9	Beginning Photography	(4)	AP 9A	Beginning Photography	(3)
ART 11	Beginning Printmaking	(4)	ART 32A	Printmaking: Etching and	(3)
				Intaglio	
ART 12	Beginning Video	(4)	DM 34	Introduction to Video	(4)
				Production	
	TWO LECTURE COURSES CHO				
ART 24	Intro Experimental Video	(4)	AP 55	The Moving Image:	(3)
	and Film			Experimental Film, Video	
			ļ	and new Media Art	
ART 30	Contemp Vis Culture	(4)	AH 53	Contemporary Art and	(3)
			ļ	Visual Culture	
ARTHI 1A	Ancient Mediterranean Art	(4)	!	Ancient Art	(3)
			OR		
_			AH 11H	Honors Ancient Art	(3)
ARTHI 1B	Mediev&Renaiss Art	(4)	AH 12 <u>&amp;</u>	Middle Ages:	(3)
			ļ	Art/Mediterranean World	
			ļ	and Europe (AD 300-1400)	
			AH 13	Renaissance to Mid-19th	(3)
			ļ	Century	
ARTHI 1C	Baroque to Modern Art		AH 14	Modern Art	(3)
ARTHI 1D	Arts of Asia	(4)	AH 17	Art of China, Korea and	(3)
			ļ	Japan	
ARTHI 1E	Islamic Art &	(4)	1	E ARTICULATED: College has	
	Architecture			d course(s) for articulati	on
ARTHI 5	Visual Culture		!	RABLE COURSE	
ARTHI 25	Understanding	(4)	NO COMPA	RABLE COURSE	
	Architecture				

END OF MAJOR

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

#### Special Advising Note:

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

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

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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:

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

A A	STD	1	Hist Exp Asian Am	(4)	NO COURSE ARTICULATED: College has not  submitted course(s)for articulation
A A	STD	2	Contemp Issues of Asian Americans	(4)	NO COMPARABLE COURSE 
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	Asian Amer Cultural Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

#### AT LEAST TWO COURSES FROM THE FOLLOWING:

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

		a 1.		
AMD COD	2.0	Culture	( 1 )	submitted course(s) for articulation
AMR STD		Amr Images Pop Cult		NO COMPARABLE COURSE
		Food in Amer Culture FD S&T 55	(4)	NO COURSE ARTICULATED: College has not  submitted course(s) for articulation
AMR STD		Music and American	(1)	MUS 13A Survey of American (3)
AMR SID	59	Culture	(+)	Popular Music
CHICANO	10	Intro to Chic Std	(4)	HIST 21A Chicano History to (3)
CITCANO	10	inclo to thit btu	( = )	1865
				OR
				HIST 21AH Honors Chicano (3)
				History to 1865
CHICANO	21	Hlth Care Issues	(4)	NO COMPARABLE COURSE
CHICANO		US Poli & Chicanos		HIST 21B   Chicano History since (3)
			,	1865
				OR
				HIST 21BH Honors Chicano (3)
				History since 1865
CHICANO	40	Comparative Health	(4)	NO COURSE ARTICULATED: College has not
				submitted course(s) for articulation
CHICANO	50	Chicano Culture	(4)	NO COMPARABLE COURSE
CHICANO	60	Chicana and Chicano	(4)	NO COMPARABLE COURSE
		Representn in Cinema		
CHICANO	65	New Latin American	(4)	NO COURSE ARTICULATED: College has not
		Cinema		submitted course(s) for articulation
CHICANO	70	Survey Chic Art	(4)	NO COMPARABLE COURSE
CHICANO	73	Art Expr Silk Scr	(4)	NO COMPARABLE COURSE
N A STD	1	Intro NA Studies	(4)	NO COMPARABLE COURSE
N A STD	5	Intro NA Literature	(4)	NO COMPARABLE COURSE
N A STD	7	Indig & Minority Langs	(4)	NO COURSE ARTICULATED: College has not
				submitted course(s) for articulation
N A STD	10	NA Experience	(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		NO COMPARABLE COURSE
WOM STD	20	Cult 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
WOM STD	50	Intro Gender Studies	(4)	WS 1 Introduction to Women's (3)
				Studies
WOM STD	60	Feminist Critiques	(4)	NO COURSE ARTICULATED: College has not
				submitted course(s) for articulation
WOM STD	70	Sexual:Thry&Hist	(4)	NO COURSE ARTICULATED: College has not
				submitted course(s) for articulation
-		EAST TWO COURSES FROM THE		
ANTHRO 1	.3	Sci Method in Physical	(4)	NO COURSE ARTICULATED: College has not
* D	7.7.	Anthropology	( 1 )	submitted course(s) for articulation
ARTHI 5		isual Culture		NO COMPARABLE COURSE
ART 10	Fine	Art Appreciation	(4)	AH 10 Appreciation/Introduction (3) to the Visual Arts
ART 30	Cos	ntown Wid Culture	(1)	!
ARI 30	COI	ntemp Vis Culture	(+)	AH 53 Contemporary Art and (3) Visual Culture
CHICANO	22	Qualitative Research	(1)	NO COURSE ARTICULATED: College has not
CHICANO	43	Methods	( + )	submitted course(s) for articulation
ENGLISH	12	Approaches to Reading	(1)	NO COMPARABLE COURSE
PHILOS 5		Critical Reasoning		PHILO 49 Introduction to (3)
FIITHOP 2	(	CITCICAL REASONITING	( = )	Critical Thinking
N A STD	46	Orientation to Research	(4)	· —
74 73 DID	10	in NAS	( 1 )	COMPARIDED COOKED
POL SCI				I .
	51	Scientific Study of	(4)	NO COURSE ARTICULATED: College has not
102 201	51	Scientific Study of Politics	(4)	NO COURSE ARTICULATED: College has not  submitted course(s) for articulation

PSYCH 41	Research Methods	(4)	PSYCH 2B	Research Methods in Psychology	(4)
SOCIOL 46A SOCIOL 46B	Intro Social Rsch Intro Social Rsch		NO COMPARAE		
STATIST 13 Same as:	Elementary Statistics STATIST 13Y	(4)	MATH 12	Elementary Statistics	(5)
			MATH 12H   OR	Honors Elementary Statistics	(5)
			PSYCH 2A 	Statistics for Behavioral Sciences	(3)

END OF MAJOR

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

#### Special Advising Note:

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

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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.

PL SCI 2	Bot	Physio Cul	Plt	(4)	NO	COMPARA	BLE COURSE	
CHEM 2A CHEM 2B		Chemistry Chemistry			СНІ	_	General Chemistry I General Chemistry I General Chemistry II	(5) (5) (5)
ENG CS 36A Formerl		_		(4)	CS     	11 OR	Introduction to Programming Concepts and Methodology, C++	(4)
					CS   	11M	Introduction to C/C++ Programming Using Microcontrollers	(4)
					  CS   	<u>OR</u> 12J	Introduction to Programming Concepts & Methodology, JAVA	(4)
					  CS   	<u>OR</u> 12GP	Introduction to Programming Using Games and Simulations	(4)
					  CS	<u>ОR</u> 20Ј	Java Programming	(4)

# or a course selected with advisor's approval

MATH 21A	Calculus	(4)   MATH 5A	Analytic Geometry and	(5)
			Calculus I	
MATH 21B	Calculus	(4) MATH 5B	Analytic Geometry and	(5)

MATH 21C	Calculus	(4)	  MATH 	5C	Calculus II Analytic Geometry and Calculus III	(5)
MATH 21D	Vector Analysis	(4)	  MATH 	5C		(5)
MATH 22A	Linear Algebra	(3)	MATH	6	Introduction to Linear Algebra	(3)
MATH 22B	Differntl Equations	(3)	MATH   	7	Introduction to Differential Equations	(3)
ATM SCI 60	Intro to Atmospheric Science	(4)	NO CO	OMPAR	ABLE COURSE	
PHYSICS 9A	Classical Physics	(5)	PHYS 	4A	Physics for Scientists and Engineers I	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS	4C	Physics for Scientists and Engineers III	(5)
PHYSICS 9C	Classical Physics	(5)	PHYS	4B	Physics for Scientists and Engineers II	(5)
	Elementary Statistics STATIST 13Y	(4)	MATH   OI		Elementary Statistics	(5)
			MATH	12H	Honors Elementary Statistics	(5)
			<u>OI</u>  PSYCI 	_	Statistics for Behavioral Sciences	(3)

#### PREPARATION FOR GRADUATION:

ENGIN 6	Engr Prob Solving	(4)   ENGR 30	Computer Applications	(4)
			in Engineering	

#### END OF MAJOR

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

# Special Advising Note:

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

# IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

# Special Advising Note:

All majors in the College of Engineering are selective and require preparatory coursework for admission. Transfer applicants must earn an overall transfer GPA of 3.10 or higher to be competitive candidates for admission to any engineering major. Strive to achieve your highest possible GPA in order to be most

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

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

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

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

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

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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.

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

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

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#### END OF MAJOR

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

#### Special Advising Note:

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

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

#### REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

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

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

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

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

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIO 9A 	Molecular, Cellular, and Animal Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	  BIO 9B 	Ecology, Evolution, and Plant Biology	(5)
BIOLSCI 2C		(5)	BIO 9A <u>&amp;</u>	Molecular, Cellular, and Animal Biology	(5)
	of Life		  BIO 9B 	Ecology, Evolution, and Plant Biology	(5)
				General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)		General Chemistry I General Chemistry II	(5) (5)
CHEM 2C	Genl Chemistry OR	(5)	CHEM 1B	General Chemistry II OR	(5)
CHEM 2AH	Honors Genl Chemistry	(5)	  NO COMPAR <i>I</i>	ABLE COURSE	
CHEM 2BH	Honors Genl Chemistry	(5)	NO COMPARA	ABLE COURSE	
CHEM 2CH	Honors Genl Chemistry	(5)	NO COMPARA	ABLE COURSE	
MATH 17A	Calculus for BioSci	(4)		ARTICULATED: College has course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)	NO COURSE	ARTICULATED: College has course(s) for articulation	not
MATH 17C	Calculus for BioSci	(4)		ARTICULATED: College has	
111111 170	04104145 101 210501	( - /	I	course(s) for articulation	
	OR		İ	OR	
MATH 21A	Calculus	(4)	MATH 5A 	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	  MATH 5B 	Analytic Geometry and Calculus II	(5)
DUVCTOC 7A	General Physics	(4)		General Physics I	(4)
PHISICS /A	General Physics	(4)	PHYS 2B	General Physics II	(4)
PHYSICS 7B	General Physics	(4)	I	General Physics I	(4)
	-	•	PHYS 2B	General Physics II	(4)
PHYSICS 7C	General Physics	(4)		General Physics I	(4)
			PHYS 2B		(4)
It is highl	v recommended that students	COI	mplete an e	entire physics series at	

It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C

series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

physics.	0.7		1		27	
	OR			_	OR	
PHYSICS 9A	Classical Physics	(5)	PHYS 	4A	Physics for Scientists and Engineers I	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS	4C	Physics for Scientists	(5)
			ĺ		and Engineers III	
PHYSICS 9C	Classical Physics	(5)	PHYS	4B	Physics for Scientists	(5)
			 		and Engineers II	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM	12A	& Organic Chemistry I	(3)
			CHEM	12AL	Organic Chemistry	(2)
			İ		Laboratory I	
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM	12A	& Organic Chemistry I	(3)
			CHEM	12AL	& Organic Chemistry	(2)
					Laboratory I	
			CHEM		$\underline{\&}$ Organic Chemistry II	(3)
			CHEM	12BL	Organic Chemistry	(2)
arrent 110a	0 01 771.1 7 0 1	(4)		1.05	Laboratory II	(2)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM		<u>&amp;</u> Organic Chemistry II	(3)
			CHEM	12BL	Organic Chemistry	(2)
	OR		 		Laboratory II <b>OR</b>	
CHEM 128A	Organic Chemistry	(2)	  CHEM	1 0 7	Organic Chemistry I	(3)
CHEM 128A	Organic Chemistry		1	12A 12A &		(3)
CHEM 120B	Organic Chemistry	(3)	CHEM	_	Organic Chemistry II	(3)
CHEM 128C	Organic Chemistry	(3)	!	12B	Organic Chemistry II	(3)
CHEM 129A	Organic Chem Lab		1	12AL	Organic Chemistry	(2)
C11211 12311	organic chem las	(2)		12111	Laboratory I	(2)
CHEM 129B	Organic Chem Lab	(2)	CHEM	12AL		(2)
	. 5	, ,		•	Laboratory I	, ,
			CHEM	12BL	<del>-</del>	(2)
			İ		Laboratory II	
		RECOMME	NDED:			
MATH 21C	Calculus	(4)	MATH	5C	Analytic Geometry and	(5)
					Calculus III	

END OF MAJOR

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

## Special Advising Note:

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

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

### REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

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

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

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

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

Transfer students must also meet UC transfer admission requirements. UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. See the <a href="UC Transfer">UC Transfer</a>
<a href="Admission webpage">Admission webpage</a>. In order to receive priority consideration it 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 Note for Transfer Students Considering an A.B. Degree in this Major:

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

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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
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)	  BIO 9A 	Molecular, Cellular, and (5) Animal Biology
BIOLSCI 2E		(5)	  BIO 9B 	Ecology, Evolution, and (5) Plant Biology
BIOLSCI 20			  BIO 9A <u>&amp;</u> 	Molecular, Cellular, and (5) Animal Biology
	of Life		BIO 9B 	Ecology, Evolution, and (5) Plant Biology
CHEM 2A	Genl Chemistry Genl Chemistry	(5)	CHEM 1A	General Chemistry I (5) General Chemistry I (5)
CHEM ZB	Geni Chemistry	(5)		General Chemistry I (5) General Chemistry II (5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM 12A  CHEM 12AL	<u>&amp;</u> Organic Chemistry I (3) Organic Chemistry (2)
				Laboratory I
CHEM 8B	Organic Chem-Brief	(4)	CHEM 12B CHEM 12BL	
	OR		 	Laboratory II <b>OR</b>
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 12A	& Organic Chemistry I (3)
			CHEM 12AL	Organic Chemistry (2) Laboratory I
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 12A	& Organic Chemistry I (3)
			CHEM 12AL 	<u>&amp;</u> Organic Chemistry (2) Laboratory I
			CHEM 12B	
			j	Laboratory II
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 12B  CHEM 12BL	© Organic Chemistry II (3) Organic Chemistry (2)
				Laboratory II
MATH 17A	Calculus for BioSci	(4)		ARTICULATED: College has not
MATH 17B	Calculus for Biosci	(4)		<pre>course(s) for articulation ARTICULATED: College has not</pre>
	OR		submitted	course(s) for articulation OR
MATH 21A	Calculus	(4)	  MATH 5A	Analytic Geometry and (5)
MATH 21B	Calculus	(4)	  MATH 5B	Calculus I Analytic Geometry and (5)
	2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -	/		Calculus II

PHYSICS PHYSICS		_	les Physics les Physics	. ,	PHYS NO CO			Elementa BLE COURS	4 4	Lcs	(4)
		OR			İ			(	OR		
PHYSICS	7A	General	Physics	(4)	PHYS	2A	<u>&amp;</u>	General	Physics	I	(4)
					PHYS	2В	_	General	Physics	II	(4)
PHYSICS	7в	General	Physics	(4)	PHYS	2A	&	General	Physics	I	(4)
					PHYS	2В		General	Physics	II	(4)
PHYSICS	7C	General	Physics	(4)	PHYS	2A	&	General	Physics	I	(4)
					PHYS	2В		General	Physics	II	(4)

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

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#### RECOMMENDED COURSES FOR THIS MAJOR:

CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General	Chemistry II	[5)
MATH 17C	Calculus for BioSci	(4)	I		ED: College for articul	
	OR			O	R	
MATH 21C	Calculus	(4)	MATH 5C 	Analytic Calculus	Geometry ar III	nd (5)

END OF MAJOR

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

#### Special Advising Note:

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(for 2019-20)

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BIOLSCI 2A Intro Biology:Life on Earth (5) BIO 9A Animal Biology

BIOLSCI 2B Intro Biology: Ecology (5) BIO 9B Ecology, Evolution, and (5) Plant Biology

BIOLSCI 2C Intro Biology: (5) BIO 9A Molecular, Cellular, and (5) Plant Biology

Biodiversity & the Tree of Life BIO 9B Ecology, Evolution, and (5) Plant Biology

Of Life BIO 9B Ecology, Evolution, and (5) Plant Biology

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

CHEM 8A	Organic Chem-Brief	(2)	CHEM CHEM		Organic Chemistry (2)
O		(4)	. ~	105	Laboratory I
CHEM 8B	Organic Chem-Brief	(4)	CHEM CHEM		
			CHEM	IZBL	Laboratory II
	OR		 		OR
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM	12A	<b>&amp;</b> Organic Chemistry I (3)
			CHEM	12AL	<u>.</u>
		( 4 )		4.0-	Laboratory I
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM		
			CHEM	12AL	<u>&amp;</u> Organic Chemistry (2) Laboratory I
			CHEM	12B	
			:	12BL	
			İ		Laboratory II
CHEM 118C	Org Chem, Hlth & Sci	(4)			
			CHEM	12BL	_
			l 		Laboratory II
MATH 17A	Calculus for BioSci	(4)	NO CO	OURSE	
MATH 17A	Calculus for BioSci	(4)			ARTICULATED: College has not course(s) for articulation
MATH 17A MATH 17B	Calculus for BioSci Calculus for Biosci		submi	itted DURSE	ARTICULATED: College has not course(s) for articulation ARTICULATED: College has not
MATH 17B	Calculus for Biosci	(4)	submi NO CO submi	itted DURSE itted	ARTICULATED: College has not course(s) for articulation ARTICULATED: College has not course(s) for articulation
		(4)	submi  NO CC  submi  NO CC	itted DURSE itted DURSE	ARTICULATED: College has not course(s) for articulation ARTICULATED: College has not course(s) for articulation ARTICULATED: College has not
MATH 17B	Calculus for Biosci	(4)	submi  NO CC  submi  NO CC	itted DURSE itted DURSE	ARTICULATED: College has not course(s) for articulation ARTICULATED: College has not course(s) for articulation ARTICULATED: College has not course(s) for articulation
MATH 17B	Calculus for Biosci Calculus for BioSci OR	(4)	submi  NO CC  submi  NO CC  submi	itted DURSE itted DURSE itted	ARTICULATED: College has not course(s) for articulation ARTICULATED: College has not course(s) for articulation ARTICULATED: College has not course(s) for articulation OR
MATH 17B	Calculus for Biosci	(4)	submi  NO CC  submi  NO CC  submi	itted DURSE itted DURSE itted	ARTICULATED: College has not course(s) for articulation ARTICULATED: College has not course(s) for articulation ARTICULATED: College has not course(s) for articulation
MATH 17B	Calculus for Biosci Calculus for BioSci OR Calculus	(4) (4) (4)	submi  NO CC  submi  NO CC  submi	itted DURSE itted DURSE itted	ARTICULATED: College has not course(s) for articulation ARTICULATED: College has not course(s) for articulation ARTICULATED: College has not course(s) for articulation OR Analytic Geometry and (5)
MATH 17B MATH 17C MATH 21A	Calculus for Biosci Calculus for BioSci OR Calculus	(4) (4) (4)	submi  NO CO  submi  NO CO  submi    MATH	itted DURSE itted DURSE itted	ARTICULATED: College has not course(s) for articulation ARTICULATED: College has not course(s) for articulation ARTICULATED: College has not course(s) for articulation OR  Analytic Geometry and (5) Calculus I Analytic Geometry and (5) Calculus II
MATH 17B MATH 17C MATH 21A MATH 21B	Calculus for Biosci Calculus for BioSci OR Calculus Calculus	(4) (4) (4)	submi NO CC submi NO CC submi MATH	itted DURSE itted DURSE itted 5A 5B	ARTICULATED: College has not course(s) for articulation ARTICULATED: College has not course(s) for articulation ARTICULATED: College has not course(s) for articulation OR Analytic Geometry and (5) Calculus I Analytic Geometry and (5) Calculus II
MATH 17B MATH 17C MATH 21A	Calculus for Biosci Calculus for BioSci OR Calculus Calculus	(4) (4) (4)	submi NO CC submi NO CC submi MATH MATH	itted DURSE itted DURSE itted 5A 5B	ARTICULATED: College has not course(s) for articulation ARTICULATED: College has not course(s) for articulation ARTICULATED: College has not course(s) for articulation OR Analytic Geometry and (5) Calculus I Analytic Geometry and (5) Calculus II  General Physics I (4)
MATH 17B MATH 17C MATH 21A MATH 21B	Calculus for Biosci Calculus for BioSci OR Calculus Calculus General Physics	(4) (4) (4) (4) (4)	submi NO CC submi NO CC submi MATH MATH PHYS	itted DURSE itted DURSE itted 5A 5B 2A & 2B	ARTICULATED: College has not course(s) for articulation ARTICULATED: College has not course(s) for articulation ARTICULATED: College has not course(s) for articulation OR Analytic Geometry and (5) Calculus I Analytic Geometry and (5) Calculus II  General Physics I (4) General Physics II (4)
MATH 17B MATH 17C MATH 21A MATH 21B	Calculus for Biosci Calculus for BioSci OR Calculus Calculus General Physics	(4) (4) (4) (4) (4) (4)	submi NO CC submi NO CC submi MATH MATH PHYS PHYS PHYS	itted DURSE itted DURSE itted 5A 5B 2A & 2B 2A & 2B	ARTICULATED: College has not course(s) for articulation ARTICULATED: College has not course(s) for articulation ARTICULATED: College has not course(s) for articulation  OR  Analytic Geometry and (5) Calculus I Analytic Geometry and (5) Calculus II  General Physics I (4) General Physics I (4) General Physics I (4) General Physics I (4)
MATH 17B MATH 17C  MATH 21A MATH 21B	Calculus for Biosci Calculus for BioSci OR Calculus Calculus General Physics	(4) (4) (4) (4) (4) (4)	submi NO CC submi NO CC submi MATH MATH PHYS PHYS PHYS PHYS	itted DURSE itted DURSE itted 5A 5B 2A & 2B 2A & 2B 2A & 2B	ARTICULATED: College has not course(s) for articulation ARTICULATED: College has not course(s) for articulation ARTICULATED: College has not course(s) for articulation OR  Analytic Geometry and (5) Calculus I Analytic Geometry and (5) Calculus II  General Physics I (4) General Physics I (4) General Physics I (4) General Physics II (4) General Physics II (4) General Physics II (4) General Physics II (4)
MATH 17B MATH 17C  MATH 21A MATH 21B	Calculus for Biosci  Calculus for BioSci  OR  Calculus  Calculus  General Physics  General Physics  General Physics	(4) (4) (4) (4) (4) (4) (4)	submi NO CC submi NO CC submi MATH MATH PHYS PHYS PHYS PHYS PHYS	itted DURSE itted DURSE itted  5A  5B  2A & 2B  2A & 2B  2A & 2B	ARTICULATED: College has not course(s) for articulation ARTICULATED: College has not course(s) for articulation ARTICULATED: College has not course(s) for articulation OR  Analytic Geometry and (5) Calculus I Analytic Geometry and (5) Calculus II  General Physics I (4) General Physics II (4) General Physics II (4) General Physics II (4) General Physics II (4) General Physics II (4) General Physics II (4) General Physics II (4) General Physics II (4)
MATH 17B  MATH 17C  MATH 21A  MATH 21B  PHYSICS 7A  PHYSICS 7B  PHYSICS 7C  It is highl	Calculus for Biosci Calculus for BioSci OR Calculus Calculus General Physics General Physics General Physics y recommended that student	(4) (4) (4) (4) (4) (4) (4)	submi NO CC submi NO CC submi MATH MATH PHYS PHYS PHYS PHYS PHYS	itted DURSE itted DURSE itted 5A 5B 2A & 2B 2A & 2B 2A & 2B 2A & 2B 2A & 2B 2A & 2B 2A & 2B 2B 2A & 2B 2B 2A & 2B 2B 2A & 3B 2B 2A & 3B 2B 2A & 3B 2B 2B 2B 2B 2B 2B 2B 2B 2B 2B 2B 2B 2B	ARTICULATED: College has not course(s) for articulation ARTICULATED: College has not course(s) for articulation ARTICULATED: College has not course(s) for articulation OR  Analytic Geometry and (5) Calculus I Analytic Geometry and (5) Calculus II  General Physics I (4) General Physics II (4) General Physics II (4) General Physics II (4) General Physics II (4) General Physics II (4) General Physics II (4) General Physics II (4) General Physics II (4)

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

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## RECOMMENDED COURSES FOR THIS MAJOR:

MATH 21C Calculus (4) | MATH 5C Analytic Geometry and (5) | Calculus III

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 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.

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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  $\underline{\text{UC Davis TAG}}$ .

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

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

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END OF MAJOR

#### ====Biomedical Engineering B.S.====

#### Special Advising Note:

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#### Special Advising Note:

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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 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.

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

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END OF MAJOR

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

Special Advising Note:

#### REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

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

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

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

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

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

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

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

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

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

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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.

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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) BIO 9A	Molecular, Cellular, and (5) Animal Biology
BIOLSCI	2B	Intro Biology: Ecology	(5) BIO 9B	Ecology, Evolution, and (5)
BIOLSCI	2C	& Evolution Intro Biology:	(5) BIO 9A &	Plant Biology Molecular, Cellular, and (5)
		Biodiversity & the Tree of Life	  BIO 9B	Animal Biology Ecology, Evolution, and (5)

Plant	Biology
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			Planc Biology
BIOTECH 1Y	Introduction to Biotechnology	(4)	NO COURSE ARTICULATED: College has not  submitted course(s) for articulation
CHEM 2A CHEM 2B	Genl Chemistry Genl Chemistry	, ,	CHEM 1A General Chemistry I (5)  CHEM 1A & General Chemistry I (5)  CHEM 1B General Chemistry II (5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B General Chemistry II (5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM 12A & Organic Chemistry I (3)  CHEM 12AL Organic Chemistry (2)   Laboratory I
СНЕМ 8В	Organic Chem-Brief  OR	(4)	CHEM 12B & Organic Chemistry II (3)   CHEM 12BL   Organic Chemistry (2)   Laboratory II   OR
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 12A & Organic Chemistry I (3)   CHEM 12AL Organic Chemistry (2)   Laboratory I
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 12A & Organic Chemistry I (3)   CHEM 12AL & Organic Chemistry (2)   Laboratory I
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 12B
	OR		OR
CHEM 128A CHEM 128B	Organic Chemistry Organic Chemistry	, ,	CHEM 12A Organic Chemistry I (3)  CHEM 12A & Organic Chemistry I (3)
			CHEM 12B Organic Chemistry II (3)
CHEM 128C	Organic Chemistry	(3)	CHEM 12B Organic Chemistry II (3)
CHEM 129A	Organic Chem Lab		CHEM 12AL Organic Chemistry (2)   Laboratory I
MATH 16A	Short Calculus	(3)	MATH 18 Business Calculus (4)   <u>OR</u>
			MATH 5A Analytic Geometry and (5)   Calculus I
MATH 16B	Short Calculus  OR	(3)	MATH 5A Analytic Geometry and (5)   Calculus I   OR
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not
	OR		submitted course(s) for articulation   OR
MATH 21A	Calculus	(4)	MATH 5A Analytic Geometry and (5)
MATH 21B	Calculus	(4)	Calculus I MATH 5B Analytic Geometry and (5) Calculus II
PHYSICS 7A	General Physics	(4)	PHYS 2A & General Physics I (4)  PHYS 2B General Physics II (4)
PHYSICS 7B	General Physics	(4)	PHYS 2A & General Physics I (4)
It is high	ly recommended that student	.s coi	PHYS 2B General Physics II (4) mplete an entire physics series at

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

COURSEWORK FOR B	IOIN	FORI	MATIC	S OPTION:	
ENG CS 20 C Sci/Discrete Math	(4)	cs	23	Discrete Mathematics	(4)
	` ,		Same		, ,
		l	OR		
		l Imz	<u>он</u> гн 23	Discrete Mathematics	(4)
		ן זיזב <i>ה</i> .	Same		( 1 )
ENG GG 263 Decomposition	(1)			Introduction to	(1)
ENG CS 36A Programming	(4)	CS	TT		(4)
Formerly ENG CS 30				Programming Concepts	
				and Methodology, C++	
			OR		
		CS	11M	Introduction to C/C++	(4)
				Programming Using	
				Microcontrollers	
		ĺ	OR		
		CS	12J	Introduction to	(4)
		İ		Programming Concepts &	
		İ		Methodology, JAVA	
		İ	OR		
		ا ا د و	12GP	Introduction to	(4)
			1201	Programming Using Games	(1)
		 		and Simulations	
			OD	and Simulations	
			OR OR		(4)
		CS	20J	Java Programming	(4)
RESTRICTED ELECTIVES FO	P BT	TNI	TORMA'	TTCS OPTION.	
ENG CS 36B Object-Oriented Program					(4)
Formerly ENG CS 40	( + )	l CD	19	C++ Plogramming	( + )
<u>-</u>			0.1	Technology of the Date	(1)
ENG CS 36C Data Structures		CS	21	Introduction to Data	(4)
(4)					
Structures and Algo	rith	ms '			
Formerly ENG CS 60					
ENG CS 50 Machine Dependent Prog	(4)	CS	24		(4)
				Organization	
END OF MAJOR					

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

### Special Advising Note:

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

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

#### REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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BIOLSCI 2A Intro Biology:Life on (5) BIO 9A Molecular, Cellular, and (5) Animal Biology

BIOLSCI 2B Intro Biology: Ecology (5) BIO 9B Ecology, Evolution, and (5) & Evolution | Plant Biology

BIOLSCI 2C Intro Biology: (5) BIO 9A & Molecular, Cellular, and (5)

	Biodiversity & the Tree of Life		Animal Biology  BIO 9B Ecology, Evolution, and (5)   Plant Biology				
CHEM 2A CHEM 2B	Genl Chemistry Genl Chemistry		CHEM 1A General Chemistry I (5)   CHEM 1A & General Chemistry I (5)   CHEM 1B General Chemistry II (5)				
CHEM 2C	Genl Chemistry	(5)	CHEM 1B General Chemistry II (5)				
CHEM 8A	Organic Chem-Brief	(2)	CHEM 12A & Organic Chemistry I (3)  CHEM 12AL Organic Chemistry (2)   Laboratory I				
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 MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not				
MATH 17B	Calculus for Biosci	(4)	submitted course(s) for articulation   NO COURSE ARTICULATED: College has not				
MATH 17C	Calculus for BioSci	(4)	submitted course(s) for articulation  NO COURSE ARTICULATED: College has not  submitted course(s) for articulation				
MATH 21A	<b>OR</b> Calculus	(4)	OR   MATH 5A Analytic Geometry and (5)				
MATH 21B	Calculus	(4)	Calculus I  MATH 5B Analytic Geometry and (5)   Calculus II				
PHYSICS 7A	General Physics	(4)	PHYS 2A & General Physics I (4)				
PHYSICS 7B	General Physics	(4)	PHYS 2B General Physics II (4)   PHYS 2A & General Physics I (4)				
PHYSICS 7C	General Physics	(4)	PHYS 2B General Physics II (4)   PHYS 2A & General Physics I (4)				
their commu series befo series may	PHYS 2B General Physics II (4) It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.						
MATH 21C	REC		NDED:  MATH 5C Analytic Geometry and (5)   Calculus III				

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

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

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

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:

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

CHEM 2A CHEM 2B	Genl Chemistry Genl Chemistry		CHEM 1A General Chemistry I (5   CHEM 1A & General Chemistry I (5   CHEM 1B General Chemistry II (5
CHEM 2C	Genl Chemistry OR	(5)	CHEM 1B   General Chemistry II (5   OR
CHEM 2AH CHEM 2BH CHEM 2CH	Honors Genl Chemistry Honors Genl Chemistry Honors Genl Chemistry	(5)	NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE
PHYSICS 9A	Classical Physics	(5)	PHYS 4A Physics for Scientists (5 and Engineers I
PHYSICS 9B	Classical Physics	(5)	PHYS 4C Physics for Scientists (5 and Engineers III
PHYSICS 9C	Classical Physics	(5)	PHYS 4B Physics for Scientists (5 and Engineers II
PHYSICS 9D	Modern Physics	(4)	PHYS 4D Modern Physics (3
MATH 21A	Calculus	(4)	MATH 5A Analytic Geometry and (5   Calculus I
MATH 21B	Calculus	(4)	MATH 5B Analytic Geometry and (5 Calculus II
MATH 21C	Calculus	(4)	MATH 5C Analytic Geometry and (5 Calculus III
MATH 21D	Vector Analysis	(4)	MATH 5C Analytic Geometry and (5 Calculus III
MATH 22A	Linear Algebra	(3)	MATH 6 Introduction to Linear (3 Algebra
MATH 22AL	Lin Alg Comp Lab	(1)	ENGR 30 Computer Applications (4 in Engineering
MATH 22B	Differntl Equations	(3)	MATH 7 Introduction to (3   Differential Equations
CHEM 128A	Organic Chemistry	(3)	CHEM 12A Organic Chemistry I (3
CHEM 128B	Organic Chemistry	(3)	CHEM 12A & Organic Chemistry I (3
CHEM 129A	Organic Chem Lab	(2)	CHEM 12B Organic Chemistry II (3   CHEM 12AL Organic Chemistry (2   Laboratory I

END OF MAJOR

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

## Special Advising Note:

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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:

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

CHEM 2A CHEM 2B	Genl Chemistry Genl Chemistry	. ,	CHEM 1A General Chemistry I CHEM 1A & General Chemistry I	(5) (5)
			CHEM 1B General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B General Chemistry II	(5)
	OR		OR	
CHEM 2AH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE	
CHEM 2BH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE	
CHEM 2CH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE	
PHYSICS 7A	General Physics	(4)	PHYS 2A & General Physics I	(4)
			PHYS 2B General Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYS 2A & General Physics I	(4)
			PHYS 2B General Physics II	(4)
PHYSICS 7C	General Physics	(4)	PHYS 2A & General Physics I	(4)
			PHYS 2B General Physics II	(4)

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

OR | OR | OR PHYSICS 9A Classical Physics (5) PHYS 4A Physics for Scientists (5)

				and Engineers I	
PHYSICS 9B	Classical Physics	(5)	PHYS 4C	Physics for Scientists and Engineers III	(5)
DIIVATAA OA	Classical Dhasias	( - \	   DIIVO 4D		(5)
PHYSICS 9C	Classical Physics	(5)	PHYS 4B	<del>-</del>	(5)
			l	and Engineers II	
 мати 16а	Short Calculus		  MATH 18	Business Calculus	(4)
MAIH IOA	SHOIL Calculus	(3)	OR	Business Calculus	( 4 )
			<u>OK</u>  MATH 5A	Analytic Geometry and	(5)
			MAIII JA	Calculus I	(3)
MATH 16B	Short Calculus	(2)	   אא ידינו   א	Analytic Geometry and	(5)
MAIH 10B	SHOPE Calculus	(3)	MATH 5A	Calculus I	(5)
MATH 16C	Short Calculus	(2)	  MATH 5B		(5)
MAIH 16C	SHOPE Calculus	(3)	MAIH 3B	Calculus II	(5)
	OD		 		
MA COLT 1 7 A	OR	(1)	  NO GOTTD GE	OR	
MATH 17A	Calculus for BioSci	(4)		ARTICULATED: College has	
MARIE 170		(4)		course(s) for articulati	
MATH 17B	Calculus for Biosci	(4)		ARTICULATED: College has	
45.			1	course(s) for articulati	
MATH 17C	Calculus for BioSci	(4)	1	ARTICULATED: College has	
			submitted	course(s) for articulati	on
	OR		_	OR	
MATH 21A	Calculus	(4)	MATH 5A	Analytic Geometry and	(5)
				Calculus I	
MATH 21B	Calculus	(4)	MATH 5B		(5)
				Calculus II	
MATH 21C	Calculus	(4)	MATH 5C	<del>-</del>	(5)
				Calculus III	
CHEM 128A	Organic Chemistry		CHEM 12A	_	(3)
CHEM 128B	Organic Chemistry	(3)	CHEM 12A		(3)
			CHEM 12B	Organic Chemistry II	(3)
CHEM 128C	Organic Chemistry		CHEM 12B	Organic Chemistry II	(3)
CHEM 129A	Organic Chem Lab	(2)	CHEM 12AL	_	(2)
				Laboratory I	
CHEM 129B	Organic Chem Lab	(2)	CHEM 12AL	& Organic Chemistry	(2)
				Laboratory I	
			CHEM 12BL	Organic Chemistry	(2)
				Laboratory II	

END OF MAJOR

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

## Special Advising Note:

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

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

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

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

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

CHEM	2A	Genl Chemistry	(5)	CHEM 1A General Chemistry I (5	5)
CHEM	2B	Genl Chemistry	(5)	CHEM 1A & General Chemistry I (5	5)
				CHEM 1B General Chemistry II (5	5)
CHEM	2C	Genl Chemistry	(5)	CHEM 1B General Chemistry II (5	5)
		OR		OR	
CHEM	2AH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE	
CHEM	2BH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE	
CHEM	2CH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE	
	CS 9A	Classical Physics		PHYS 4A Physics for Scientists (5	
PHISI	CB JA	Classical Fligsics	(3)	and Engineers I	, ,
PHYS1	CS 9B	Classical Physics	(5)	PHYS 4C Physics for Scientists (5	5)
				and Engineers III	
PHYS]	CS 9C	Classical Physics	(5)	PHYS 4B Physics for Scientists (5	5)
				and Engineers II	
MATH	21A	Calculus	(4)	MATH  5A Analytic Geometry and (5	5)
				Calculus I	
MATH	21B	Calculus	(4)	MATH 5B Analytic Geometry and (5	5)
				Calculus II	
MATH	21C	Calculus	(4)	$ MATH\ 5C$ Analytic Geometry and (5	5)
				Calculus III	
MATH	21D	Vector Analysis	(4)	MATH  5C Analytic Geometry and (5	5)
				Calculus III	
MATH	22A	Linear Algebra	(3)	MATH  6 Introduction to Linear (3	})
				Algebra	
MATH	22AL	Lin Alg Comp Lab	(1)	ENGR 30 Computer Applications (4	ł)
				in Engineering	
MATH	22B	Differntl Equations	(3)	MATH 7 Introduction to (3)	})
				Differential Equations	
	100-			Larry 103	
	128A	Organic Chemistry		CHEM 12A Organic Chemistry I (3	
CHEM	128B	Organic Chemistry	(3)	CHEM 12A & Organic Chemistry I (3	
Q11=1-	100~		( 2 )	CHEM 12B Organic Chemistry II (3	
CHEM		Organic Chemistry		CHEM 12B Organic Chemistry II (3	
CHEM	129A	Organic Chem Lab	(2)	CHEM 12AL Organic Chemistry (2	1)
a	1005	0	( O )	Laboratory I	٠,
CHEM	T29B	Organic Chem Lab	(2)	CHEM 12AL & Organic Chemistry (2	1)
				Laboratory I	

CHEM 129C	Organic Chem Lab	CHEM 12BL   (2)   CHEM 12BL	Organic Chemistry Laboratory II Organic Chemistry Laboratory II	(2)				
RECOMMENDED COURSES:								
PHYSICS 9D	Modern Physics	(4)   PHYS 4D	Modern Physics	(3)				

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

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

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

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

## Education(GE) Note:

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CHEM	2A	Genl Chemistry	(5)	CHEM	1A	General	Chemistry	I	(5)
CHEM	2B	Genl Chemistry	(5)	CHEM	1A &	General	Chemistry	I	(5)
				CHEM	1B	General	Chemistry	II	(5)
CHEM	2C	Genl Chemistry	(5)	CHEM	1B	General	Chemistry	II	(5)
		OR				(	OR		
CHEM	2AH	Honors Genl Chemistry	(5)	NO CO	MPARAI	BLE COURS	SE		

CHEM 2BH CHEM 2CH	Honors Genl Chemistry Honors Genl Chemistry		!	ABLE COURSE ABLE COURSE	
PHYSICS 7A	General Physics	(4)	PHYS 2A &	General Physics I General Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYS 2A &	General Physics I General Physics I General Physics II	(4) (4) (4)
PHYSICS 7C	General Physics	(4)	PHYS 2A &	General Physics I General Physics I General Physics II	(4) (4) (4)
their commu series befo series may	re transferring. Students be required to take addit will need to meet with a	valen who ional	mplete an o t to the en transfer w physics co	entire physics series at ntire UC Davis Physics 7A ithout completing an entirourses upon arrival at UC refore continuing with	/B/C
PHYSICS 9A	<b>OR</b> Classical Physics	(5)	  PHYS 4A	OR Physics for Scientists	(5)
PHYSICS 9B	Classical Physics	(5)	  PHYS 4C	and Engineers I Physics for Scientists	(5)
PHYSICS 9C	Classical Physics	(5)	  PHYS 4B 	and Engineers III Physics for Scientists and Engineers II	(5)
MATH 16A	Short Calculus	(3)	  MATH 18   <b>OR</b>	Business Calculus	(4)
			<u>OR</u>  MATH 5A	Analytic Geometry and Calculus I	(5)
MATH 16B	Short Calculus	(3)	  MATH 5A 	Analytic Geometry and Calculus I	(5)
MATH 16C	Short Calculus OR	(3)	  MATH 5B 	Analytic Geometry and Calculus II	(5)
MATH 17A	Calculus for BioSci	(4)		ARTICULATED: College has course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)	NO COURSE	ARTICULATED: College has course(s) for articulation	not
MATH 17C	Calculus for BioSci OR	(4)	NO COURSE	ARTICULATED: College has course(s) for articulation	not
MATH 21A		(4)	  MATH 5A 	_	(5)
MATH 21B	Calculus	(4)	  MATH 5B 	Analytic Geometry and Calculus II	(5)
MATH 21C			İ	Analytic Geometry and Calculus III	
BIOLSCI 2A			BIO 9A	Molecular, Cellular, and Animal Biology	(5)
STATIST 13				Elementary Statistics	
			į	Honors Elementary Statistics	(5)
	OR		<u>OR</u>  PSYCH 2A 	Statistics for Behavioral Sciences <b>OR</b>	(3)
	Gateway to Data Science		submitted	ARTICULATED: College has course(s) for articulation	on
	Org Chem, Hlth & Sci		CHEM 12A	© Organic Chemistry I Organic Chemistry Laboratory I	(3)

CHEM 118B	Org Chem, Hlth & Sci	(4)	! -	12A <u>8</u> 12AL <u>8</u>		•
			  CHEM	10p <b>c</b>	. <u>.</u>	١
			!	_		′
			CHEM	12BL	Organic Chemistry (2	)
					Laboratory II	
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM	12B <b>&amp;</b>	Organic Chemistry II (3	)
			CHEM	12BL	Organic Chemistry (2	)
					Laboratory II	
	OR		ĺ		OR	
CHEM 128A	Organic Chemistry	(3)	CHEM	12A	Organic Chemistry I (3	)
CHEM 128B	Organic Chemistry	(3)	CHEM	12A &	Organic Chemistry I (3	)
			CHEM	12B _	Organic Chemistry II (3	)
CHEM 128C	Organic Chemistry	(3)	CHEM	12B	Organic Chemistry II (3	)
CHEM 129A	Organic Chem Lab	(2)	CHEM	12AL	Organic Chemistry (2	)
			İ		Laboratory I	
CHEM 129B	Organic Chem Lab	(2)	CHEM	12AL &	: Organic Chemistry (2	)
			j	_	Laboratory I	
			CHEM	12BL	Organic Chemistry (2	)
			j		Laboratory II	

END OF MAJOR

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

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

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avallable :	from our TAG Website.								
CHEM 2A	Genl Chemistry	(5)	   CHEM	1A		General	 Chemistr	 у I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM	1A	<u>&amp;</u>	General	Chemistr	y I	(5)
			CHEM	1B		General	Chemistr	y II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM	1B		General	Chemistr	y II	(5)
	OR					(	OR		
CHEM 2AH	Honors Genl Chemistry	(5)	NO CO	OMP <i>I</i>	ARAE	BLE COURS	SE		
CHEM 2BH	Honors Genl Chemistry	(5)	NO CO	OMP <i>I</i>	ARAE	BLE COURS	SE		
CHEM 2CH	Honors Genl Chemistry	(5)	NO CO	OMP	ARAE	BLE COURS	SE		
PHYSICS 7A	General Physics	(4)	PHYS	2A	<u>&amp;</u>	General	Physics	I	(4)
			1				Physics		(4)
PHYSICS 7B	General Physics	(4)	PHYS	2A	<u>&amp;</u>	General	Physics	I	(4)
			PHYS	2B		General	Physics	II	(4)
PHYSICS 7C	General Physics	(4)	PHYS	2A	<u>&amp;</u>	General	Physics	I	(4)
			PHYS	2B		General	Physics	II	(4)
It is high	ly recommended that students	G COI	mplete	e ar	n er	ntire phy	ysics ser	ies at	
their comm	unity college that is equiva	alen	t to t	the	ent	ire UC I	Davis Phy	sics 7A	\B/C
series befo	ore transferring. Students w	vho t	transi	fer	wit	hout cor	mpleting	an enti	re

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		1	OR
PHYSICS 9A	Classical Physics	(5)	PHYS 4A	Physics for Scientists (5) and Engineers I
PHYSICS 9B	Classical Physics	(5)	PHYS 4C	Physics for Scientists (5)
				and Engineers III
PHYSICS 9C	Classical Physics	(5)	PHYS 4B	Physics for Scientists (5)
				and Engineers II
MATH 16A	Short Calculus	(3)	  MATH 18	Business Calculus (4)
			OR	
			MATH 5A	Analytic Geometry and (5)
				Calculus I
MATH 16B	Short Calculus	(3)	MATH 5A	2 , ,
			<u> </u>	Calculus I
MATH 16C	Short Calculus	(3)	MATH 5B	<del>-</del>
				Calculus II
	OR	( 4 )		OR
MATH 17A	Calculus for BioSci	(4)		ARTICULATED: College has not
MARII 17D	Galandar fan Dianai	(4)	!	course(s) for articulation
MATH 17B	Calculus for Biosci	(4)		ARTICULATED: College has not
MATH 17C	Calculus for BioSci	(1)		<pre>course(s) for articulation ARTICULATED: College has not</pre>
MAIH 1/C	Calculus for Blosci	(4)	!	course(s) for articulation
	OR		Subiliteed	OR
MATH 21A	*==	(4)	і Іматн 5а	Analytic Geometry and (5)
1111111 2111	Calcalab	( - /		Calculus I
MATH 21B	Calculus	(4)	MATH 5B	Analytic Geometry and (5)
		( - /		Calculus II
MATH 21C	Calculus	(4)	MATH 5C	Analytic Geometry and (5)
				Calculus III
	Dialamitifa an	·		Malagular Gallular and (5)
BIOLSCI ZA	Earth	(5)	:	Molecular, Cellular, and (5) Animal Biology
	rat (11		!	
ENV TOX 20	Introduction to	(3)	NO COURSE	ARTICULATED: College has not
	Forensic Science		submitted	course(s) for articulation

STATIST 13 Same as:	Elementary Statistics STATIST 13Y	(4)	MATH OF		Elementary Statistics	(5)
			MATH       OF	12H	Honors Elementary Statistics	(5)
	OR		<u>  <u>   </u>   PSYCH  </u>	_	Statistics for Behavioral Sciences <b>OR</b>	(3)
STATIST 32	Gateway to Data Science	(4)			ARTICULATED: College has course(s) for articulatio	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM   CHEM 	12A 12AL	Organic Chemistry I Organic Chemistry Laboratory I	(3)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM CHEM	12A 12AL	& Organic Chemistry I	(3)
			CHEM CHEM	12B 12BL	© Organic Chemistry II Organic Chemistry Laboratory II	(3)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM CHEM	12B 12BL	© Organic Chemistry II Organic Chemistry Laboratory II	(3)
	OR		j		OR	
CHEM 128A	Organic Chemistry	(3)	CHEM	12A	Organic Chemistry I	(3)
CHEM 128B	Organic Chemistry	(3)	CHEM	12A <b>8</b>	👱 Organic Chemistry I	(3)
			CHEM	12B	Organic Chemistry II	(3)
CHEM 128C	Organic Chemistry	(3)	CHEM	12B	Organic Chemistry II	(3)
CHEM 129A	Organic Chem Lab	(2)	CHEM 	12AL	Organic Chemistry Laboratory I	(2)
CHEM 129B	Organic Chem Lab	(2)	CHEM	12AL	<u>&amp;</u> Organic Chemistry Laboratory I	(2)
			CHEM	12BL	Organic Chemistry Laboratory II	(2)

#### 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.

Thoughou Admiggion Champaton (TAC) Note:

## Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <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  $\underline{\text{General Catalog}}$ . Quick reference charts for  $\underline{\text{AP}}$  and  $\underline{\text{IB}}$  are also available from our TAG website.

CHICANO	10	Intro to Chic Std	(4)	HIST 21A	Chicano History to 1865	(3)
				   OB	1005	
				OR		
				HIST 21AH	Honors Chicano	(3)
					History to 1865	
CHICANO	50	Chicano Culture	(4)	NO COMPARAB	BLE COURSE	
CHICANO	21	Hlth Care Issues	(1)	INO COMPADAD	OLE COIDCE	
CHICANO	21	HILLI Care Issues	(4)	NO COMPARAB	SLE COURSE	
		OR			OR	
CHICANO	40	Comparative Health	(4)	NO COURSE A	RTICULATED: College has	not
		-		submitted c	course(s) for articulation	'n
				Dabinizeeca e	Journe (b) for arcreatacte	

## ONE COURSE FROM THE FOLLOWING:

CHICANO	60	Chicana and Chicano Representn in Cinema	(4)	NO CO	OMPAR.	ABLE COURSE	
CHICANO	65	New Latin American Cinema	(4)	:		ARTICULATED: College has course(s) for articulation	
CHICANO CHICANO		Survey Chic Art Art Expr Silk Scr	. ,	!		ABLE COURSE ABLE COURSE	
SPANISH	1	Elementary Spanish	(5)	SPAN	1	Elementary Spanish I	(5)
SPANISH	2	Elementary Spanish	(5)	SPAN	1 &	Elementary Spanish I	(5)
				SPAN	2	Elementary Spanish II	(5)
SPANISH	3	Elementary Spanish	(5)	SPAN	2	Elementary Spanish II	(5)
		OR				OR	
SPANISH	28	Inter Conversation	(2)	SPAN	10B	Advanced Spanish	(3)
				İ		Conversation	
SPANISH	31	Int Span Nat Spk I	(5)	SPAN	16	Elementary Spanish for	(4)
				İ		Spanish Speakers I	
SPANISH	32	Int Span Nat Spk II	(5)	SPAN	16 &	Elementary Spanish for	(4)
				İ	_	Spanish Speakers I	
				SPAN	17	Elementary Spanish for	(4)
				İ		Spanish Speakers II	

END OF MAJOR

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

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

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

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

CHICANO	10	Intro to Chic Std	(4)	HIST 21A 	Chicano History to 1865	(3)
				OR		
				HIST 21AH	Honors Chicano History to 1865	(3)
CHICANO	50	Chicano Culture	(4)	NO COMPARABI	LE COURSE	
CHICANO	21	Hlth Care Issues OR	(4)	  NO COMPARABI 	LE COURSE OR	
CHICANO	40	Comparative Health	(4)	1	RTICULATED: College has purse(s) for articulati	

ONE COURSE FROM THE FOLLOWING:

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

ONE COURSE FROM THE FOLLOWING:

CHICANO 23	Qualitative Research Methods	(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PSYCH 41	Research Methods	(4) PSYCH 2B Research Methods in (4)
SOCIOL 46A	Intro Social Rsch	Psychology (4) NO COMPARABLE COURSE
		(E) language (E)

SPANISH 1	Elementary Spanish	(5)	SPAN 1	1	Elementary Spanish I	(5)
SPANISH 2	Elementary Spanish	(5)	SPAN 1	1 <u>&amp;</u>	Elementary Spanish I	(5)
			SPAN 2	2	Elementary Spanish II	(5)
SPANISH 3	Elementary Spanish	(5)	SPAN 2	2	Elementary Spanish II	(5)
	OR				OR	
SPANISH 28	Inter Conversation	(2)	SPAN 1	10B	Advanced Spanish	(3)
			ĺ		Conversation	
SPANISH 31	Int Span Nat Spk I	(5)	SPAN 1	16	Elementary Spanish for	(4)
			ĺ		Spanish Speakers I	
SPANISH 32	Int Span Nat Spk II	(5)	SPAN 1	16 <u>&amp;</u>	Elementary Spanish for	(4)
				_	Spanish Speakers I	

END OF MAJOR

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

SPAN 17 Elementary Spanish for (4)
Spanish Speakers II

#### Special Advising Note:

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

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

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## Chinese Placement Examination Note:

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

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

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

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#### Education(GE) Note:

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

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

x) CHINESE 1	Elem Chinese	(5)	NO COURSE ARTICULATED: College has not  submitted course(s) for articulation
x) CHINESE 2	Elem Chinese	(5)	NO COURSE ARTICULATED: College has not   submitted course(s) for articulation
x) CHINESE 3	Elem Chinese	(5)	NO COMPARABLE COURSE
	Inter Chinese		I and the second
	Inter Chinese		
	Inter Chinese		
X) CHINESE 0	OR	(5)	OR
v) CHINESE 1BI	Accl Wrtn Chinese I	(5)	
	Accl Wrth Chinese		:
X) CHINESE ZBI	II	(3)	COMPARABLE COURSE
x) CHINESE 3BI	Accl Wrtn Chinese	(5)	NO COMPARABLE COURSE
	III		
	OR		OR
x) CHINESE 1CN	Mand/Cant Spkrs I	(5)	NO COMPARABLE COURSE
	Mand/Cant Spkrs II		
	Mand/Cant Spkrs III		
	RECOMMENDED COUR	RSES	FOR THIS MAJOR:
CHINESE 10	Modern Lit (in Engl)	(4)	NO COMPARABLE COURSE
CHINESE 11	Gt Bks China (Engl)	(4)	NO COMPARABLE COURSE
	Intro to Literature		
Same as: JF			İ
COMPLIT 14	Intro Poetry	(3)	NO COMPARABLE COURSE
	Masterworks in English		
	intro Linguistics		
			HIST 19B   Introduction to (3)

END OF MAJOR

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Chinese History

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 <a href="transfer admission website">transfer admission website</a>. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it 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.

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

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

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

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CINE&TS 40A Media His	story I	(4)	NO COURSE	ARTICULATED:	College has not
Same as: SCI&TEC 40A		j	${\tt submitted}$	course(s)for	articulation
CINE&TS 40B Media His	story 2	(4)	NO COURSE	ARTICULATED:	College has not
Same as: SCI&TEC 40B		j	${\tt submitted}$	course(s)for	articulation
CINE&TS 41A Cinema Hi	ist 1895-1945	(4)	NO COURSE	ARTICULATED:	College has not
		j	${\tt submitted}$	course(s)for	articulation
CINE&TS 41B Cinema Hi	ist 1945 to	(4)	NO COURSE	ARTICULATED:	College has not
the Prese	ent		${\tt submitted}$	course(s)for	articulation
FILM ST 45 Vampires		(4)	NO COURSE	ARTICULATED: 0	College has not
Same as: GERMAN 45			$\operatorname{submitted}$	course(s)for	articulation

#### Select two of the following courses:

FILM ST 1	Intro to Film Studies	(4) ENGL 49A The Language of Film: $(3)$
		Film History
Forme	rly Humanities 10	
TCULST 1	Intro Technocultural	(4) NO COURSE 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 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.

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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.

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

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

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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 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.

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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.

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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.

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

TWO COURSES FROM THE FOLLOWING:

#### ONE ADDITIONAL COURSE SELECTED FROM:

				AH 11H Honors Ancient Art (3)
CLASSIC	1	N East/Early Gr	(4)	NO COMPARABLE COURSE
CLASSIC	2	Anc Gr & Near East	(4)	NO COMPARABLE COURSE
CLASSIC	3	Rome & The Mediter	(4)	NO COMPARABLE COURSE
CLASSIC	4	Late Antiquity	(4)	NO COURSE ARTICULATED: College has not
				submitted course(s)for articulation
CLASSIC	10	Gr,Roman,N East Myth	(3)	NO COMPARABLE COURSE
CLASSIC	15	Women & Gender in	(4)	NO COMPARABLE COURSE
		Classical Antiquity		
CLASSIC	20	Pompeii AD 79	(4)	NO COMPARABLE COURSE
CLASSIC	25	Classical America	(4)	NO COURSE ARTICULATED: College has not
				submitted course(s)for articulation
CLASSIC	30	Word Roots	(3)	NO COURSE ARTICULATED: College has not
				submitted course(s)for articulation
CLASSIC	31	Technical Word Roots	(3)	NO COURSE ARTICULATED: College has not
				submitted course(s)for articulation
CLASSIC	40	Economy in Ancient Med	(4)	NO COURSE ARTICULATED: College has not
				submitted course(s)for articulation
CLASSIC	50	Ancient Science	(4)	NO COMPARABLE COURSE
Same	as:	SCI&TEC 50		
COMPLIT	1	Major Books-Ancient	(4)	NO COMPARABLE COURSE
		World		
PHILOS 2	21 P	hil Classics: Ancient	(4)	PHILO 6 History of Philosophy: (3)
				Ancient and Medieval
REL STD	21	The Bible	(4)	NO COMPARABLE COURSE
REL STD	40	New Testament	(4)	NO COMPARABLE COURSE

#### END OF MAJOR

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

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

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

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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 (ICETC)/ HC Davis General

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

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

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

LATIN 1	Elementary Latin	(5)	COMPARABLI	E COURSE	
LATIN 2	Elementary Latin	(5)	COMPARABLI	E COURSE	
LATIN 3	Intermediate Latin	(5)	COMPARABLI	E COURSE	
	AND			AND	
GREEK 1	Elem Greek	(5)	COMPARABLI	E COURSE	
GREEK 2	Elem Greek	(5)	COMPARABLI	E COURSE	
GREEK 3	Intermediate Greek	(5)	COMPARABLI	E COURSE	
CLASSIC 1	N East/Early Gr	(4)	COMPARABLI	E COURSE	
	OR			OR	
CLASSIC 2	Anc Gr & Near East	(4)	COMPARABLI	E COURSE	
	OR			OR	
CLASSIC 3	Rome & The Mediter	(4)	COMPARABLI	E COURSE	
CLASSIC 4	Late Antiquity	(4)	COURSE AR	riculated:	College has not
			bmitted cou	urse(s)for	articulation

#### END OF MAJOR

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

#### Special Advising Note:

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

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

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

ENGLISH 3 Intro to Lit

(4) ENGL 1B Composition and (3)
Literature

OR
ENGL 1BH Honors Composition (3)
and Literature

OR
ENGL 1BMC Composition and (3)
Literature:
Multicultural
Emphasis

	OR		I	OR	
UWRITING 1	Expository Writing	(4)	  ENGL 1A   Same as   <b>OR</b>	College Composition	(3)
			ENGL 1AMC	College Composition: Multicultural Emphasis	(3)
			Same as		
			ENGL TAH	Composition	(3)
			<u>OR</u>  ENGL 1AMCH   	H Honors College Composition: Multicultural Emphasis	(3)
			Same as	3: 	
COMUNCN 1	Intro Public Spkg	(4)	OR	Public Speaking Honors Public Speaking	(3)
	Intro Biology:Life on Earth		j	Animal Biology	
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		Ecology, Evolution, and Plant Biology	(5)
				General Chemistry I General Chemistry I	(5) (5)
			CHEM 1B	General Chemistry II	(5)
	Genl Chemistry Organic Chem-Brief	(5)	CHEM 1B	General Chemistry II  & Organic Chemistry I	(5) (3)
	J	` '		Organic Chemistry Laboratory I	(2)
CHEM 8B	Organic Chem-Brief	(4)		© Organic Chemistry II Organic Chemistry Laboratory II	(3)
ECON 1A	Princ of Microecon	(4)	ECON 1B	Microeconomics	(3)
ECON 1B	OR Princ of Macroecon	(4)	j	Macroeconomics	(3)
PSYCH 1	General Psychology	(4)		General Psychology	(3)
			PSYCH 1H	Honors General Psychology	(3)
SOCIOL 1	Intro Sociology	(5)		Introduction to Sociology: Understanding Society	(3)
	O.D.		OK  SOC 1H 	Honors Introduction to Sociology: Understanding Society	(3)
SOCIOL 3	OR Social Problems	(4)	  SOC 2 	OR Contemporary Social Problems	(3)
			<u>OR</u>  SOC 2H 	Honors Contemporary Social Problems	(3)

OR			OR	
ANTHRO 2 Cultural Anthropology	(5)	ANTHR 2	Introduction to Anthropology: Cultural	(3)
STATIST 13 Elementary Statistics Same as: STATIST 13Y	(4)	MATH 12   <u>OR</u>	Elementary Statistics	(5)
		MATH 12H     <b>OR</b>	Honors Elementary Statistics	(5)
		PSYCH 2A	Statistics for Behavioral Sciences	(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.

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

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the 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. additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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 General Catalog . Quick reference charts for AP and IB are also

LINGUIS 1	Intro Linguistics	(4)	NO COMPARA	ABLE COURSE	
COG SCI 1 In	tro Cognitive Science <b>OR</b>	(4)	NO COURSE	ARTICULATED OR	
PHILOS 10	Intro Cognitive Science	(4)	!	ARTICULATED: College has course(s) for articulatio	
	Intro to Symbol Logic Minds, Brains Comp w/Disc		NO COURSE	Symbolic Logic ARTICULATED:College has course(s)for articulatio	
PSYCH 1 G	eneral Psychology	(4)	  PSYCH 1   <b>OR</b>	General Psychology	(3)
			PSYCH 1H	Honors General Psychology	(3)
PSYCH 41	Research Methods	(4)	PSYCH 2B	Research Methods in Psychology	(4)
	Elementary Statistics STATIST 13Y	(4)	  MATH 12   <b>OR</b>	Elementary Statistics	(5)
			MATH 12H 	Honors Elementary Statistics	(5)
			<u>OR</u>  PSYCH 2A 	Statistics for Behavioral Sciences	(3)

END OF MAJOR

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

#### Special Advising Note:

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

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

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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

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

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

Emphasis 1: Computational ENG CS 20 C Sci/Discrete Math (4) CS 23 Discrete Mathematics (4)Same as: | MATH 23 Discrete Mathematics (4) Same as: ENG CS 32A Intro to Programming(4) | NO COMPARABLE COURSE Formerly ENG CS 10 OR OR (4) CS 11 Introduction to ENG CS 36A Programming (4)Formerly ENG CS 30 Programming Concepts and Methodology, C++ OR CS 11M Introduction to C/C++ (4)Programming Using Microcontrollers CS 12J Introduction to (4)Programming Concepts & Methodology, JAVA CS  $\overline{12}$ GP Introduction to (4) Programming Using Games and Simulations OR CS 20J Java Programming (4) ENG CS 34 UNIX & C++ (5) NO COURSE ARTICULATED OR ENG CS 36B Object-Oriented Program (4) CS 19 C++ Programming (4)Formerly ENG CS 40 ENG CS 50 Machine Dependent Prog (4) CS 24 Elementary Computer
Organization (4) ENG CS 32B Intro to Data Structures (4) OR CS 21 Introduction to Data (4) ENG CS 36C Data Structures Structures and Algorithms Formerly ENG CS 60 LINGUIS 1 Intro Linguistics (4) NO COMPARABLE COURSE ------MATH 17A Calculus for BioSci (4) NO COURSE ARTICULATED: College has not |submitted course(s) for articulation MATH 17B Calculus for Biosci (4) NO COURSE ARTICULATED: College has not |submitted course(s) for articulation OR OR (4) MATH 5A Analytic Geometry and (5) MATH 21A Calculus Calculus I (4) | MATH 5B Analytic Geometry and (5) MATH 21B Calculus | Calculus II MATH 22A Linear Algebra (3) | MATH 6 Introduction to Linear (3) Algebra MATH 22AL Lin Alg Comp Lab (1) ENGR 30 Computer Applications (4)

				in Engineering
COG SCI 1 I	ntro Cognitive Science	(4)	NO COURSE	ARTICULATED
PHILOS 10	OR Intro Cognitive Science	(4)		OR ARTICULATED: College has not course(s)for articulation
PHILOS 12 PHILOS 13G	Intro to Symbol Logic Minds, Brains Comp w/Disc		NO COURSE	Symbolic Logic (3) ARTICULATED:College has not course(s)for articulation
PSYCH 1	General Psychology	(4)	PSYCH 1   OR	General Psychology (3)
			PSYCH 1H	Honors General (3) Psychology
PSYCH 41	Research Methods	(4)	PSYCH 2B	Research Methods in (4) Psychology
	Elementary Statistics STATIST 13Y	(4)	MATH 12   OR	Elementary Statistics (5)
			MATH 12H 	Honors Elementary (5) Statistics
			<u>OR</u>  PSYCH 2A 	Statistics for (3) Behavioral Sciences
	Emphasi	s 2:	Neuroscie	 nce
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIO 9A	Molecular, Cellular, and (5) Animal Biology
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		Ecology, Evolution, and (5) Plant Biology
BIOLSCI 2C		(5)	BIO 9A <u>&amp;</u>	Molecular, Cellular, and (5) Animal Biology
	of Life			Ecology, Evolution, and (5) Plant Biology
LINGUIS 1	Intro Linguistics	(4)	NO COMPARA	ABLE COURSE
MATH 17A	Calculus for BioSci	(4)		ARTICULATED: College has not
MATH 17B	Calculus for Biosci	(4)	NO COURSE	course(s) for articulation ARTICULATED: College has not
MATH 17C	Calculus for BioSci	(4)	NO COURSE	<pre>course(s) for articulation ARTICULATED: College has not</pre>
	OR		j	course(s) for articulation OR
MATH 21A	Calculus	(4)	MATH 5A	Analytic Geometry and (5) Calculus I
MATH 21B	Calculus	(4)	MATH 5B	Analytic Geometry and (5) Calculus II
MATH 21C		(4)	MATH 5C	Analytic Geometry and (5) Calculus III
COG SCI 1 I	ntro Cognitive Science OR	(4)	NO COURSE	ARTICULATED  OR
	Intro Cognitive Science		submitted	ARTICULATED: College has not course(s)for articulation
PHILOS 13G	Minds, Brains Comp w/Disc	(4)	NO COURSE  submitted	ARTICULATED:College has not course(s)for articulation
PHYSICS 7A	General Physics	(4)	PHYS 2A &	General Physics I (4)
PHYSICS 7B	General Physics	(4)	PHYS 2B PHYS 2A &	General Physics II (4) General Physics I (4)

PHYSICS 7C	General Physics	(4)	PHYS PHYS PHYS	2A &	General Physics II General Physics I General Physics II	(4) (4) (4)
	OR				OR	( - /
PHYSICS 9A	<del>*</del>	(5)	PHYS	4A	Physics for Scientists and Engineers I	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS	4C	Physics for Scientists and Engineers III	(5)
PHYSICS 9C	Classical Physics	(5)	PHYS   	4B	Physics for Scientists and Engineers II	(5)
PSYCH 1	General Psychology	(4)	PSYCH		General Psychology	(3)
			PSYCH	1 1H	Honors General Psychology	(3)
PSYCH 41	Research Methods	(4)	PSYCH   	I 2B	Research Methods in Psychology	(4)
STATIST 13 Same as	Elementary Statistics: STATIST 13Y	(4)	MATH		Elementary Statistics	(5)
			MATH	12н	Honors Elementary Statistics	(5)
			<u>OR</u>  PSYCH 	-	Statistics for Behavioral Sciences	(3)

END OF MAJOR

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

#### Special Advising Note:

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

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

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

ANTHRO 4 Anthro Linguistics (4) NO COMPARABLE COURSE OR LINGUIS 1 Intro Linguistics (4) NO COMPARABLE COURSE \_\_\_\_\_ -----Public Speaking COMUNCN 1 Intro Public Spkg (4) COMM 1 OR | COMM 1H Honors Public Speaking (3) OR OR Intprsnl Com Cmpetnce (4) COMM 7 Interpersonal COMUNCN 3 (3) Communications OR OR Global English Comm (4) NO COURSE ARTICULATED: College has not COMUNCN 5 Same as: LINGUIS 5 |submitted course(s)for articulation Global English Comm (4) NO COURSE ARTICULATED: College has not LINGUIS 5 |submitted course(s)for articulation Same as: COMUNCN 5 COMUNCN 10Y Intro to Communication (4) NO COURSE ARTICULATED: College has not | submitted course(s)for articulation \_\_\_\_\_\_ B) ENG CS 15 Intro to Computers (4) |CS 1  $\underline{\epsilon}$  Introduction to Computers (3) and Computer Technology |CS 1L Technology Tools (2)

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

	OR			OR	
PHILOS 12	Intro to Symbol Logic	(4)	PHILO 12 	Symbolic Logic	(3)
PSYCH 1	General Psychology	(4)	PSYCH 1	General Psychology	(3)
			PSYCH 1H	Honors General Psychology	(3)
SOCIOL 1	Intro Sociology	(5)	SOC 1	Introduction to Sociology: Understanding Society	(3)
			<u>OR</u>  SOC 1H 	Honors Introduction to Sociology: Understanding Society	(3)
SOCIOL 46B	Intro Social Rsch <b>OR</b>	(5)	  NO COMPAR 	RABLE COURSE OR	

STATIST 1	3 Elementary	Statistics (4)	MATH 12	Elementary Statistics	(5)
Same a	s: STATIST 13Y		OR		
			MATH 12H	Honors Elementary Statistics	(5)
			OR		
			PSYCH 2A	Statistics for Behavioral Sciences	(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 <a href="transfer admission website">transfer admission website</a>. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it 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)/ HC Davis General

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

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

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

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#### TWO COURSES FROM THE FOLLOWING:

COMUNCN 1	Intro Public Spkg	(4)	COMM 1   <b>OR</b>	Public Speaking	(3)
			COMM 1H	Honors Public Speaking	(3)
COMPLIT 1	Major Books-Ancient World	(4)	NO COMPARA 	ABLE COURSE	
COMPLIT 2	Major Books-Middle Ages to Enlightenment	(4)	1	ARTICULATED: College has course(s) for articulatio	
COMPLIT 3	Major Books-The Modern Crisis	(4)	NO COURSE	ARTICULATED: College has course(s) for articulatio	not
COMPLIT 4	Maj Books:Cont Wrld	(4)	ENGL 45	World Literature	(3)
ENGLISH 3	Intro to Lit	(4)	ENGL 1B	Composition and Literature	(3)
			OR		
			ENGL 1BH	Honors Composition	(3)
			l or	and Literature	
			<u>OR</u>  ENGL 1BMC	Composition and	(3)
			ENGL IDMC	Literature:	(3)
			! 	Multicultural	
			İ	Emphasis	
N A STD 5	Intro NA Literature	(4)	NO COMPARA	ABLE COURSE	
UWRITING 1	Expository Writing	(4)	ENGL 1A	College Composition	(3)
			Same as	<b>3</b> :	
			OR		
			ENGL 1AMC 	College Composition: Multicultural	(3)
				Emphasis	
			Same as	3:	
			<u>OR</u>		

	ENC     	Same a	Composition
	ENC     	GL 1AMC	Composition: Multicultural Emphasis
(4)	  NO 		
(4)	NO 	COMPAR	ABLE COURSE
	!		
(3)	   NO 	COMPAR	ABLE COURSE
(4)	İ	_	Introduction to Computers (3) and Computer Technology Technology Tools (2)
	(4)  (4) (4)  (3)	(4) NO (4) NO (4) NO (4) NO (4) NO (3) NO	OR   ENGL 1AMC   Same a   (4) NO COMPAR   (4) NO COMPAR   (4) NO COMPAR   (4) NO COMPAR   (3) NO COMPAR   (4) CS 1 & (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  OR	(4)	ECON 1B 	Introduction to (3) Microeconomics OR
ECON 1B	Princ of Macroecon	(4)	ECON 1A	Introduction to (3) Macroeconomics
ANTHRO 2	Cultural Anthropology OR	(5)	ANTHR 2	Introduction to (3) Anthropology: Cultural OR
SOCIOL 1	Intro Sociology	(5)	SOC 1	Introduction to (3) Sociology: Understanding Society
			SOC 1H	Honors Introduction to (3) Sociology: Understanding Society
	Elementary Statistics : STATIST 13Y	(4)	  MATH 12   <b>OR</b>	Elementary Statistics (5)
			MATH 12H	Honors Elementary (5) Statistics
	OR		PSYCH 2A	Statistics for (3) Behavioral Sciences OR
STATIST 32	Gateway to Data Science	(4)	1	ARTICULATED: College has not course(s) for articulation
	OR			OR
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPAR	ABLE COURSE

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 <a href="transfer admission website">transfer admission website</a>. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it 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.

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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

Plantal Planta (3D) and Tabana thin 2 Daniel and (TD) Tabana thin Water

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

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

COMPLIT 1 Major Books-Ancient (4) NO COMPARABLE COURSE
World
OR
COMPLIT 2 Major Books-Middle Ages (4) NO COURSE ARTICULATED: College has not to Enlightenment submitted course(s) for articulation

COMPLIT 3 Major Books-The Modern (4) NO COURSE ARTICULATED: College has not crisis submitted course(s) for articulation

OR
OR

#### TWO COURSES FROM THE FOLLOWING:

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

COMPLIT 1	Major Books-Ancient World	(4)	NO COMPARABLE COURSE
COMPLIT 2	Major Books-Middle Ages to Enlightenment	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
COMPLIT 3	Major Books-The Modern Crisis	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
COMPLIT 4	Maj Books:Cont Wrld	(4)	ENGL 45 World Literature (3)
COMPLIT 5	Fairy Tales, Fables, Parables	(4)	NO COMPARABLE COURSE
COMPLIT 6	Myths & Legends	(4)	ENGL 48A Mythology and Folklore (3)
COMPLIT 7	Lit:Fant,Supernatl	(4)	NO COMPARABLE COURSE
COMPLIT 8	Utopias Transform	(4)	NO COMPARABLE COURSE
COMPLIT 9	Short Story & Novella	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
COMPLIT 11	Travel and Modern World	(4)	NO COURSE ARTICULATED: College has not
Same as:	GERMAN 11		submitted course(s)for articulation
COMPLIT 12	Intro Women Writers	(4)	NO COMPARABLE COURSE
COMPLIT 13	Dramatic Lit	(3)	NO COMPARABLE COURSE
COMPLIT 14	Intro Poetry	(3)	NO COMPARABLE COURSE
COMPLIT 20	Humans & Natural World	(4)	NO COMPARABLE COURSE
COMPLIT 24	Animals in Literature	(4)	NO COURSE ARTICULATED:College has not  submitted course(s)for articulation
COMPLIT 25	Ethnic Writers	(4)	NO COMPARABLE COURSE
COMPLIT 53A	Lit of East Asia	(4)	NO COMPARABLE COURSE
COMPLIT 53B	Lit of South Asia	(4)	NO COMPARABLE COURSE
COMPLIT 53C	Lit of the Islamic	(4)	NO COURSE ARTICULATED: College has not
	World		submitted course(s) for articulation

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

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

END OF MAJOR

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

#### Special Advising Note:

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

### IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

College of Engineering applicants to fall 2019 should view the majors guide effective for the 2017-18 academic year. (Go to ASSIST.org and click on the red notice that appears at the top of the page after you enter a college or university). Admission selection for fall 2019 will be based upon ALL courses

published as REQUIRED FOR ADMISSION on the 2017-18 majors guide for the major. You may also view this information as published in the College of Engineering Transfer Credit Agreement at

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

#### Special Advising Note:

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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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 College of Engineering website 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/

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### Special Advising Note:

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

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

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

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

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

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

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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.

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

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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 College of Engineering website if you have any questions.

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#### END OF MAJOR

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

#### Special Advising Note:

## REQUIREMENTS FOR ADMISSION:

(for 2018-19)

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

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Strive to achieve your highest possible GPA in order to be most competitive. Candidates must complete

courses comparable to the following UC Davis courses with a GPA of at least 3.40 for each of two course groups. It is recommended that candidates have already achieved the minimum required GPAs in the course(s) from the groups below that have been completed at the time of application and through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

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

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

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

#### Special Advising Note:

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

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

GPA and other requirements to obtain a UC Davis TAG 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:

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(4) | MATH 5A Analytic Geometry and (5) | Calculus I MATH 21A Calculus

MATH 21B	Calculus	(4)	MAT	гн 5в		Geometry and	(5)
MATH 21C	Calculus	(4)	   MA] 	ГН 5С	Calculus Analytic Calculus	Geometry and	(5)
MATH 22A	_	(3)	   MA7 	гн б	Algebra	on to Linear	(3)
MATH 67	<b>OR</b> Modern Linear Algebra	(4)				D: College has for articulation	
ENG CS 20	C Sci/Discrete Math	(4)	  CS 	23 Same a <b>OR</b>		Mathematics	(4)
			   MA] 	<u>OR</u> TH 23 Same a		Mathematics	(4)
	Programming ENG CS 30	(4)	CS   	11		ion to ng Concepts dology, C++	(4)
			  CS   	<u>OR</u> 11M	Introduct Programmi: Microcont		(4)
			  CS 	<u>OR</u> 12J	Introduct Programmi: Methodolo	ng Concepts &	(4)
			  CS   	OR 12GP	Introduct Programmi and Simul	ng Using Games	(4)
			l lcs	<u>OR</u> 20J	Java Prog	ramming	(4)
	Object-Oriented Program ENG CS 40	(4)			C++ Program		(4)
	Data Structures		CS	21	Introduction	n to Data	(4)
	Structures and Algor	cith	ms				
Formerly ENG ENG CS 50		(4)	  CS 		Elementary Organization		(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.

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# THREE OF THE FOLLOWING COURSES:

BIOLSCI 2A	Intro Biology:Life on	(5)	BIO 9A	Molecular, Cellular, and (5)
	Earth			Animal Biology
BIOLSCI 2B	Intro Biology: Ecology	(5)	BIO 9B	Ecology, Evolution, and (5)
	& Evolution			Plant Biology
BIOLSCI 2C	Intro Biology:	(5)	BIO 9A &	Molecular, Cellular, and (5)
	Biodiversity & the Tree		_	Animal Biology
	of Life		BIO 9B	Ecology, Evolution, and (5)
				Plant Biology
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry I (5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry I (5)
			CHEM 1B	General Chemistry II (5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry II (5)
CHEM 2AH	Honors Genl Chemistry	(5)	NO COMPAR.	ABLE COURSE

CHEM 2BH	Honors Genl	Chemistry	(5)	NO CO	OMPARAI	BLE COURSE	
CHEM 2CH	Honors Genl	Chemistry	(5)	NO CO	OMPARAI	BLE COURSE	
PHYSICS 9A	Classical	Physics	(5)	PHYS	4A	Physics for Scientists	(5)
						and Engineers I	
PHYSICS 9B	Classical	Physics	(5)	PHYS	4C	Physics for Scientists	(5)
						and Engineers III	
PHYSICS 9C	Classical	Physics	(5)	PHYS	4B	Physics for Scientists	(5)
						and Engineers II	

END OF MAJOR

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

#### Special Advising Note:

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

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

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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:

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DESIGN 1 Intro to Design (4) NO COMPARABLE COURSE

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

#### TWO COURSES FROM THE FOLLOWING:

Note: Course	s listed twice may be used	d on	ly once for major preparation
ART 12 Be	ginning Video	(4)	DM 34 Introduction to Video (4)
			Production
DESIGN 40A	Energy, Materials,	(4)	NO COMPARABLE COURSE
	Design		
DESIGN 40B	Ideologies of Design	(4)	NO COMPARABLE COURSE
DESIGN 40C	Design Aesthetics/Exper	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
DESIGN 50	Intro to 3-D Design	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
DESIGN 70	Intro Textile Structure	(4)	NO COMPARABLE COURSE
DESIGN 77	Intro to Fashion Design	(4)	NO COMPARABLE COURSE
UWRITING 11	Pop Sci & Technol	(4)	NO COURSE ARTICULATED: College has not
	Wrtng	. ,	submitted course(s)for articulation
	OR		OR
UWRITING 12	Writing/Visual	(4)	NO COURSE ARTICULATED: College has not
•	Rhetoric	( - /	submitted course(s)for articulation
	OR		OR
IIWRTTTNG 48	Style in the Essay	(4)	NO COMPARABLE COURSE
	UWRITING 18	( - /	COMPANDED COOKSE
rormerry	OR		OR
IIWD TETNO 40	<del>*</del>	(1)	
	Writing Research Papers	( <del>4</del> )	NO COMPARABLE COURSE
Formerly UW			
END OF MAJOR			

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

#### Special Advising Note:

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

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

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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.

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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.

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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.

HISTORY	9B I	East	Asian	Civ	(4)	HIST	Chinese History Introduction to	(3)
HISTORI	ו סנ	Last.	ASIAII	CIV	(4)	птот	Japanese History	(3)
							Japanese History	

#### ONE COURSE FROM THE FOLLOWING:

ARTHI 1D	Arts of Asia	(4)	) AH 17 Art of China, Korea and (3)	)
			Japan	
CHINESE 7	Chinese Business Culture	(4)	) NO COURSE ARTICULATED: College has no	t
			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 no	t
			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 2	Elem Chinese	(5) NO COURSE ARTICULATED: College has not
		submitted course(s)for articulation
	OR	OR
y) JPNESE 1	Elem Japanese	(5) JAPAN 2 Elementary Japanese II (5)
y) JPNESE 2	Elem Japanese	(5) NO COMPARABLE COURSE
END OF MAJOR		

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

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

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

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

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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.

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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 Earth	:Life on	(5)	BIO 	9A		Molecular, Cell Animal Biology	ular, and	(5)
BIOLSCI	2B	Intro Biology & Evolution	: Ecology	(5)	BIO	9В		Ecology, Evolut Plant Biology	ion, and	(5)
BIOLSCI	2C	Intro Biology Biodiversity			   	9A	<u>&amp;</u>	Molecular, Cell Animal Biology	ular, and	(5)
		of Life			BIO	9B		Ecology, Evolut Plant Biology	ion, and	(5)
CHEM 2A	Ger	nl Chemistry		(5)	   CHEM	1 1A		General Chemis	try I	(5)
CHEM 2B	Ger	nl Chemistry		(5)	CHEM	1 1A	&	General Chemis	try I	(5)
					CHEM	1 1в		General Chemis	try II	(5)
PHYSICS	1A	Principles Ph	ysics	(3)	   PHYS	11		Elementary Phy	sics	(4)
PHYSICS	1B	Principles Ph	ysics	(3)	NO C	OMP.	AR <i>I</i>	ABLE COURSE		
		OR						OR		
PHYSICS	7A	General Physi	CS	(4)	PHYS	3 2A	&	General Physic	s I	(4)
					PHYS	3 2B		General Physic	s II	(4)
PHYSICS	7в	General Physi	CS	(4)	PHYS	3 2A	&	General Physic	s I	(4)
					PHYS	3 2B		General Physic	s II	(4)
PHYSICS	7C	General Physi	CS	(4)	PHYS	3 2A	&	General Physic	s I	(4)
					PHYS	3 2B		General Physic	s II	(4)
THE 2 TO 14 2	la 1	مال لممام مسسم سمم			7					

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

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MATH 16A	Short Calculus	(3)	MATH 18   <b>OR</b>	Business Calculus (4)
			MATH 5A	Analytic Geometry and (5) Calculus I
MATH 16B	Short Calculus	(3)	MATH 5A 	Analytic Geometry and (5) Calculus I
	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		į	OR
MATH 21A	Calculus	(4)	MATH 5A	Analytic Geometry and (5)
			j	Calculus I
MATH 21B	Calculus	(4)	MATH 5B	Analytic Geometry and (5)
			İ	Calculus II
ENV S&P 1	Env Analysis	(4)	!	Introduction to (3)
				Environmental Science

#### PREPARATION FOR GRADUATION:

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

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END OF MAJOR

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

#### Special Advising Note:

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

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

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

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

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

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

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

-Statistics 13

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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.

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

ECON 1A	Princ of Microecon	(4)	ECON 1B 	Introduction to Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 1A	Introduction to Macroeconomics	(3)
STATIST 13 Same as	Elementary Statistics: STATIST 13Y	(4)	MATH 12	Elementary Statistics	(5)
			MATH 12H   OR	Honors Elementary Statistics	(5)
	OR		PSYCH 2A	Statistics for Behavioral Sciences OR	(3)
STATIST 32	Gateway to Data Science	(4)	!	ARTICULATED: College has course(s) for articulati	
MATH 16A	Short Calculus	(3)	MATH 18	Business Calculus	(4)

			MATH 	5A	Analytic Geometry and (5 Calculus I	)
MATH 16B	Short Calculus	(3)	MATH 	5A	Analytic Geometry and (5 Calculus I	)
	OR				OR	
MATH 21A	Calculus	(4)	MATH	5A	Analytic Geometry and (5 Calculus I	)
MATH 21B	Calculus	(4)	MATH 	5B	Analytic Geometry and (5 Calculus II	)

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

MATH 21C	Calculus	(4)   MATH 5C	Analytic Geometry and	(5)
			Calculus III	
MATH 22A	Linear Algebra	(3) MATH 6	Introduction to Linear	(3)
		İ	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/

#### 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.

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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.

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

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

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END OF MAJOR

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

#### Special Advising Note:

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

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

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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 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.

ENGLISH 3 Intro to Lit (4) ENGL 1B Composition and Literature ENGL 1BH Honors Composition (3) and Literature ENGL 1BMC Composition and (3) Literature: Multicultural Emphasis OR OR College Composition (3) UWRITING 1 Expository Writing (4) ENGL 1A Same as: OR ENGL 1AMC College Composition: (3) Multicultural Emphasis Same as: OR ENGL 1AH Honors College (3) Composition Same as: ENGL TAMCH Honors College (3) Composition: Multicultural

							Empl	nasis		
					Sa	ame as:				
d)	ENGLISH	10A	Literatures in English I: To 1700	(4)	ENGL	46A	Major I	British	Writers	(3)
d) e)	ENGLISH	10B	Literatures in English II:	(4)	ENGL		Major I	British	Writers	(3)
			1700-1900		<u>OI</u>	_				
					ENGL 	46B	Major II	British	Writers	(3)
					OI	<u> </u>				
					ENGL	30A	Amerio	can Lite	rature	(3)
e)	ENGLISH	10C	Literatures in English III: 1900	(4)	ENGL	46B	Major II	British	Writers	(3)
			to Present		OI	2				
					ENGL	30B	Amerio	can Lite	rature	(3)

#### ONE COURSE FROM THE FOLLOWING:

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

#### END OF MAJOR

- d) If a student takes ENGL 46A at Cabrillo College, credit will be given for UC Davis's ENGLISH 10A or ENGLISH 10B, not both.
- e) If a student takes ENGL 46B at Cabrillo College, credit will be given for UC Davis's ENGLISH 10B or ENGLISH 10C, but not both.

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

#### Special Advising Note:

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

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

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

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

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

BIOLSCI 2A Intro Biology: Life on (5) BIO 9A Molecular, Cellular, and (5) Animal Biology

BIOLSCI 2B Intro Biology: Ecology (5) BIO 9B Ecology, Evolution, and (5) Plant Biology

BIOLSCI 2C Intro Biology: (5) BIO 9A Molecular, Cellular, and (5) Molecular, Cellular, and (5) Animal Biology of Life BIO 9B Ecology, Evolution, and (5) Plant Biology

CHEM 2A CHEM 2B	Genl Chemistry Genl Chemistry		CHEM 1A General Chemistry I (5)   CHEM 1A General Chemistry I (5)   CHEM 1B General Chemistry II (5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM 12A & Organic Chemistry I (3)  CHEM 12AL Organic Chemistry (2)   Laboratory I
CHEM 8B	Organic Chem-Brief OR	(4)	CHEM 12B & Organic Chemistry II (3)   CHEM 12BL Organic Chemistry (2)   Laboratory II OR
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 12A & Organic Chemistry I (3)   CHEM 12AL Organic Chemistry (2)   Laboratory I
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 12A & Organic Chemistry I (3)   CHEM 12AL & Organic Chemistry (2)   Laboratory I
			CHEM 12B
матн 16а	Short Calculus	(3)	MATH 18 Business Calculus (4)   OR
			MATH 5A Analytic Geometry and (5)   Calculus I
MATH 16B	Short Calculus	(3)	MATH 5A Analytic Geometry and (5)   Calculus I
MATH 16C	Short Calculus  OR	(3)	MATH 5B Analytic Geometry and (5)   Calculus II   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		MATH 5A Analytic Geometry and (5)   Calculus I
MATH 21B	Calculus	(4)	MATH 5B Analytic Geometry and (5)   Calculus II
MATH 21C	Calculus	(4)	MATH 5C Analytic Geometry and (5) Calculus III
PHYSICS 1A	Principles Physics	(3)	PHYS 11   Elementary Physics (4)
	Principles Physics		
	Elementary Statistics : STATIST 13Y	(4)	MATH 12 Elementary Statistics (5)   OR
			MATH 12H Honors Elementary (5)   Statistics
	OR		OR    PSYCH 2A   Statistics for (3)     Behavioral Sciences     OR
STATIST 32		(4)	NO COURSE ARTICULATED: College has not  submitted course(s) for articulation   OR
PL SCI 21		(3)	1

#### 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/

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#### Special Advising Note:

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

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

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

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

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

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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.

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

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END OF MAJOR

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

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

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

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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:

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#### English Composition Requirement for the Bachelor's Degree:

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

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

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

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

#### Advanged Blaggment (AB)and International Baggalaymente (IB) Evamination Notes

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ENVHORT 1	Intro Envhort/Urb For		NO COURSE ARTICULATED: College has not  submitted course(s) for articulation
ENVHORT 6	Intro Environ Plants	(4)	NO COURSE ARTICULATED: College has not  submitted course(s) for articulation
LND ARC 30	History Environ Design	(4)	NO COMPARABLE COURSE
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIO 9A Molecular, Cellular, and (5)   Animal Biology
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIO 9B Ecology, Evolution, and (5) Plant Biology
PL SCI 2	Bot Physio Cul Plt	(4)	NO COMPARABLE COURSE
	Genl Chemistry Genl Chemistry		CHEM 1A General Chemistry I (5)  CHEM 1A & General Chemistry I (5)  CHEM 1B General Chemistry II (5)
ENV S&P 1	Env Analysis	(4)	ES 10 Introduction to (3)   Environmental Science
	OR		OR
ENV S&P 10	Current Issues in Environment	(3)	NO COMPARABLE COURSE

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

	OR			OR	
	Global Ecosystem ENV SC&M 30	(3)	NO COMPARAE   	BLE COURSE	
	Principles Physics Principles Physics		!		(4)
PL SCI 21	Computers in Technology	(3)	NO COMPARAE	BLE COURSE	
MATH 16A	Short Calculus	(3)	MATH 18   <b>OR</b>	Business Calculus	(4)
			MATH 5A	Analytic Geometry and Calculus I	(5)
	OR			OR	
	Elementary Statistics STATIST 13Y	(4)	MATH 12	Elementary Statistics	(5)
			MATH 12H 	Honors Elementary Statistics	(5)
			<u>OR</u>  PSYCH 2A 	Statistics for Behavioral Sciences	(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

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### URBAN LANDSCAPE MANAGEMENT OPTION

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

#### **RECOMMENDED COURSES:**

COMUNCN 1	Intro Public Spkg	(4) COMM 1	Public Speaking	(3)
		OR		
		COMM 1H	Honors Public Speaking	(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  $\underline{\text{highly recommended}}$  that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

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

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

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

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

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

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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.

(4) COMM 1 Public Speaking (3)

	OR		COMM 1H	Honors Public Speaking OR	(3)				
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	COMM 7	Interpersonal Communications	(3)				
DRAMART 10	<b>OR</b> Intro To Acting	(4)	  TA 7	<b>OR</b> ntroduction to Acting	(3)				
BIOLSCI 2A	Intro Biology:Life on Earth OR	(5)	BIO 9A 	Molecular, Cellular, and Animal Biology OR	(5)				
BIOLSCI 10	Everyday Biology	(4)	  BIO 11A 		(4)				
CHEM 2A	Genl Chemistry OR	(5)	CHEM 1A	General Chemistry I OR	(5)				
	Concept of Chem	(4)		Concepts of Chemistry	(4)				
	Principles Physics	(3)			(4)				
BIOLSCI 2B	Intro Biology: Ecology & Evolution OR	(5)	!	Ecology, Evolution, and Plant Biology OR	(5)				
CHEM 2B	<del></del>	(5)		General Chemistry I General Chemistry II OR	(5) (5)				
PHYSICS 1B	Principles Physics	(3)	  NO COMPARA	_					
ONE COURSE FROM THE FOLLOWING:									
PL SCI 21	Computers in Technology OR	(3)	NO COMPARA	ABLE COURSE OR					
SCI&SOC 18	GIS & Society	(3)	1	ARTICULATED: College has course(s) for articulation					
ECON 1A	Princ of Microecon	(4)	ECON 1B	Introduction to Microeconomics	(3)				
ECON 1B	Princ of Macroecon	(4)	  ECON 1A 	Introduction to Macroeconomics	(3)				
	ONE COURSE FR	OM T	HE FOLLOWI	NG:					
AN SCI 1 ATM SCI 60	Domest Ani & People Intro to Atmospheric Science	(4) (4)	NO COMPARA	ABLE COURSE ABLE COURSE					
PL SCI 12	1 The Earth Plants and Society SCI&SOC 12	(4)	NO COURSE	Physical Geology ARTICULATED: College has course(s)for articulation	not				
	Intro to Conservation Biology		submitted	ARTICULATED: College has course(s) for articulation	on				
ENV S&P 1	Env Analysis	(4)	ES 10	Introduction to Environmental Science	(3)				
	Short Calculus								
			MATH 5A	Analytic Geometry and Calculus I	(5)				
MATH 16B	Short Calculus	(3)	MATH 5A	Analytic Geometry and Calculus I	(5)				
МАТН 17Δ	OR Calculus for BioSci	(4)	İ	OR ARTICULATED: College has	no+				
	Calculus for Biosci		submitted	course(s) for articulation ARTICULATED: College has	on				

	0.70		submitted	course(s) for articulation	on			
MATH 21A	OR Calculus	(4)	:	OR Analytic Geometry and Calculus I	(5)			
MATH 21B	Calculus	(4)	MATH 5B	Analytic Geometry and Calculus II	(5)			
POL SCI 1	Amer Natl Govt	(4)	PS 1 I1	ntroduction to Government	(3)			
	Elementary Statistics STATIST 13Y	(4)	MATH 12   OR	Elementary Statistics	(5)			
			į	Honors Elementary Statistics	(5)			
	OR		<u>OR</u>  PSYCH 2A 	Statistics for Behavioral Sciences <b>OR</b>	(3)			
STATIST 32	Gateway to Data Science	(4)	!	ARTICULATED: College has course(s) for articulation				
SCI&SOC 25	CLIMATE CHANGE POLICY AREA: SCI&SOC 25 Global Climate Change (3) NO COMPARABLE COURSE							
END OF MAJO	 R							

j) If a student takes GEOL 10 at Cabrillo College, credit will be granted for UC Davis's GEOLOGY 1 or 50+50L, not both.

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

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

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

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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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from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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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\*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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COMUNCN 1	Intro Public Spkg	(4)	COMM 1	Public Speaking	(3)
	OR		COMM 1H	Honors Public Speaking OR	(3)
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	COMM 7	Interpersonal Communications	(3)
	OR			OR	
DRAMART 10	Intro To Acting	(4)	TA 7	Introduction to Acting	(3)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	  BIO 9A 	Molecular, Cellular, and Animal Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIO 9B	Ecology, Evolution, and Plant Biology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree	(5)	BIO 9A <b>&amp;</b> 	21	(5)

of Life		BIO 9B Ecology, Evolution, and Plant Biology	(5)						
<u>-</u>		CHEM 1A General Chemistry I  CHEM 1A & General Chemistry I  CHEM 1B General Chemistry II	(5) (5) (5)						
<del>-</del>		OR  NO COMPARABLE COURSE  NO COMPARABLE COURSE							
j) GEOLOGY 1 The Earth OR	(4)	GEOL 10 Physical Geology   <b>OR</b>	(4)						
j) GEOLOGY 50 Physical Geology	(3)	GEOL 10 Physical Geology	(4)						
		PHYS 11 Elementary Physics   NO COMPARABLE COURSE   OR	(4)						
PHYSICS 7A General Physics		PHYS 2A & General Physics I PHYS 2B General Physics II	(4) (4)						
PHYSICS 7B General Physics	(4)	PHYS 2A & General Physics I	(4)						
PHYSICS 7C General Physics	(4)	PHYS 2B General Physics II PHYS 2A & General Physics I PHYS 2B General Physics II	(4) (4) (4)						
It is highly recommended that students their community college that is equival series before transferring. Students who series may be required to take addition Davis, and will need to meet with a UC physics.	lent ho t nal	t to the entire UC Davis Physics 7A/ transfer without completing an entir physics courses upon arrival at UC							
ECON 1A Princ of Microecon	(4)	ECON 1B   Introduction to	(3)						
MATH 16A Short Calculus	(3)	MATH 18 Business Calculus   <u>OR</u>  MATH 5A Analytic Geometry and	(4)						
	(3)	Calculus I  MATH 5A Analytic Geometry and   Calculus I	(5)						
OR MATH 17A Calculus for BioSci	(4)	OR  NO COURSE ARTICULATED: College has							
MATH 17B Calculus for Biosci	(4)	submitted course(s) for articulation  NO COURSE ARTICULATED: College has  submitted course(s) for articulation	not						
OR MATH 21A Calculus	(4)	OR   MATH 5A Analytic Geometry and	(5)						
MATH 21B Calculus	(4)	Calculus I  MATH 5B Analytic Geometry and   Calculus II	(5)						
ENV S&P 1 Env Analysis			(3)						
RECOMMENDED COURS	SES								
CHEM 2C Genl Chemistry OR	(5)	CHEM 1B General Chemistry II   OR	(5)						
CHEM 2CH Honors Genl Chemistry		NO COMPARABLE COURSE							
PREPARATION FOR GRADUATION:									

Same as: STATIST 13Y	OR
	MATH 12H Honors Elementary (5)
	Statistics
	OR (0)
	PSYCH 2A Statistics for (3)
	Behavioral Sciences
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 COMPARADIE COLLEGE
Science	(4) NO COMPARABLE COURSE
WATERSHED	SCIENCE TRACK:
HYDRO S 10 Water Power Society	(3) NO COURSE ARTICULATED: College has not
Same as: SCI&SOC 10	submitted course(s) for articulation
	(3) NO COMPARABLE COURSE
LND ARC 60 Landform Grading Studio	· ·
END OF MAJOR	

j) If a student takes GEOL 10 at Cabrillo College, credit will be granted for UC Davis's GEOLOGY 1 or 50+50L, not both.

### ====Environmental Toxicology 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.

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

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BIOLSCI 2A Intro Biology:Life on (5) BIO 9A Molecular, Cellular, and (5) Animal Biology

BIOLSCI 2B Intro Biology: Ecology (5) BIO 9B Ecology, Evolution, and (5) Plant Biology

BIOLSCI 2C Intro Biology: (5) BIO 9A Molecular, Cellular, and (5) Animal Biology

BIOLSCI 2C Intro Biology: (5) BIO 9A Molecular, Cellular, and (5) Animal Biology

of Life BIO 9B Ecology, Evolution, and (5) Plant Biology

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

CHEM CHEM CHEM	2AH	Genl Chemistry OR Honors Genl Chemistry Honors Genl Chemistry Honors Genl Chemistry	(5) (5)	CHEM 1B General Chemistry II (5)   CHEM 1B General Chemistry II (5)   OR   NO COMPARABLE COURSE   NO COMPARABLE COURSE   NO COMPARABLE COURSE
CHEM	118A	Org Chem, Hlth & Sci	(4)	CHEM 12A & Organic Chemistry I (3)  CHEM 12AL Organic Chemistry (2)
CHEM	118B	Org Chem, Hlth & Sci	(4)	Laboratory I  CHEM 12A & Organic Chemistry I (3)  CHEM 12AL & Organic Chemistry (2)  Laboratory I
				CHEM 12B & Organic Chemistry II (3)   CHEM 12BL Organic Chemistry (2)   Laboratory II
CHEM	118C	Org Chem, Hlth & Sci	(4)	CHEM 12B & Organic Chemistry II (3)   CHEM 12BL Organic Chemistry (2)   Laboratory II
		OR		OR
	128A	Organic Chemistry		CHEM 12A Organic Chemistry I (3)
CHEM	128B	Organic Chemistry	(3)	CHEM 12A $\underline{\&}$ Organic Chemistry I (3)
				CHEM 12B Organic Chemistry II (3)
CHEM	128C	Organic Chemistry	(3)	CHEM 12B Organic Chemistry II (3)
CHEM	129A	Organic Chem Lab	(2)	CHEM 12AL Organic Chemistry (2)   Laboratory I
	177	Calculus for BioSci	(1)	NO COURSE ARMICULAMER. College has make
MATH	I/A	Calculus for Blosci	(4)	NO COURSE ARTICULATED: College has not
	100		(4)	submitted course(s) for articulation
MATH	I/B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not
			( 4 )	submitted course(s) for articulation
MATH	17C	Calculus for BioSci	(4)	
				submitted course(s) for articulation
		OR		OR
MATH	21A	Calculus	(4)	MATH 5A Analytic Geometry and (5)   Calculus I
MATH	21B	Calculus	(4)	Calculus I  MATH 5B Analytic Geometry and (5)   Calculus II
MATH	21C	Calculus	(4)	MATH 5C Analytic Geometry and (5)   Calculus III
				Cardurus III
בבבב	 [CS 7A	General Physics	( <u>4</u> )	PHYS 2A & General Physics I (4)
111101	LOD /A	Schiclar Lilybics	(1)	PHYS 2B General Physics II (4)
מטעפי	ICS 7B	General Physics	(4)	PHYS 2A & General Physics I (4)
111101	LCD / ID	General Impaces	( 1	PHYS 2B General Physics II (4)
מטעפי	CS 7C	General Physics	(4)	PHYS 2A & General Physics I (4)
E111731	LCD /C	General Filysics	( 1	•
T	. 1-31-7			PHYS 2B General Physics II (4)

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

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### 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 or 21A/B Chemistry 2A/B/C Biological Sciences 2A/B/C

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

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

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

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

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

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

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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.

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## College Foreign Language Requirement Note:

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

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

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIO 9A 	Molecular, Cellular, and (5) Animal Biology
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIO 9B	Ecology, Evolution, and (5) Plant Biology
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree	(5)	BIO 9A &	Molecular, Cellular, and (5) Animal Biology
	of Life		BIO 9B	Ecology, Evolution, and (5) Plant Biology
	Genl Chemistry Genl Chemistry			General Chemistry I (5) General Chemistry I (5)
			CHEM 1B	
CHEM 8A	Organic Chem-Brief	(2)	CHEM 12A	© Organic Chemistry I (3) Organic Chemistry (2)
				Laboratory I
CHEM 8B	Organic Chem-Brief	(4)	:	& Organic Chemistry II (3)
			CHEM 12BL 	Organic Chemistry (2) Laboratory II
MATH 17A	Calculus for BioSci	(4)	1	ARTICULATED: College has not
MATH 17B	Calculus for Biosci	(4)	!	<pre>course(s) for articulation ARTICULATED: College has not</pre>
1,1		( - /	1	course(s) for articulation
	OR		_	OR
MATH 21A	Calculus	(4)	MATH 5A 	Analytic Geometry and (5) Calculus I

MATH 21B	Calculus	(4)	MATH 5B 	Analytic Geometry and Calculus II	(5)			
PHYSICS 1A PHYSICS 1B	Principles P	<del>-</del>	PHYS 11  NO COMPARA	Elementary Physics BLE COURSE	(4)			
	RECOMMENDED:							
MATH 17C	Calculus for B	BioSci (4)	1	ARTICULATED: College has course(s) for articulation				
	OR			OR				
MATH 21C	Calculus	(4)	MATH 5C 	Analytic Geometry and Calculus III	(5)			

END OF MAJOR

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

#### Special Advising Note:

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

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

## REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

Mathematics 17A/B/C  $\underline{\text{or}}$  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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# Transfer Admission Guarantee (TAG) Note:

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:

AP and IB examination credit policies are detailed in the UC Davis 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)	BIO !	9A	Molecular, Cellular, and (5) Animal Biology
BIOLSCI 2B		(5)	BIO S	9В	Ecology, Evolution, and (5) Plant Biology
BIOLSCI 2C		(5)	BIO !	9A <u>&amp;</u>	Molecular, Cellular, and (5) Animal Biology
	of Life		BIO S	9B	Ecology, Evolution, and (5) Plant Biology
CHEM 2A CHEM 2B	Genl Chemistry	. ,	CHEM		General Chemistry I (5) General Chemistry I (5)
CHEM 2B	Genl Chemistry	(5)	:	1B <u>«</u>	<b>2</b>
CHEM 2C	Genl Chemistry	(5)		1B	
CHEM 8A	Organic Chem-Brief	(2)	!	12A	
			CHEM	12AL	Organic Chemistry (2) Laboratory I
CHEM 8B	Organic Chem-Brief	(4)	  CHEM	12B	-
	3	. ,	CHEM	12BL	Organic Chemistry (2)
					Laboratory II
CHEM 118A	OR	(1)	   OTTEM	107	OR
CHEM IIOA	Org Chem, Hlth & Sci	(4)	!	12A 12AL	<pre>Organic Chemistry I (3) Organic Chemistry (2)</pre>
			CHEM	TZAL	Laboratory I
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM	12A	<u>-</u>
	-		СНЕМ	12AL	<del></del>

						!	12B 12BL	_	Laboratory I Organic Chemistr Organic Chemistr Laboratory II	_	(3)
CHEM	118C	0rg	Chem, Hlth &	Sci	(4)		12B 12BL		Organic Chemistr		(3)
MATH	17A	Calc	ulus for BioSo	i	(4)				TICULATED: Collegurse(s) for artic		
MATH	17B	Calc	ulus for Bioso	i	(4)	NO CO	OURSE	AR	TICULATED: Colleg urse(s) for artic	e has	not
MATH	17C	Calc	ulus for BioSc	i.	(4)	NO CO	OURSE	AR	TICULATED: Collegurse(s) for artic	e has	not
			OR			İ			OR		
MATH	21A	Calc	ulus		(4)	MATH	5A		nalytic Geometry	and	(5)
MATH	21B	Calc	ulus		(4)	MATH	5B	A	nalytic Geometry	and	(5)
PHYSI	CS 7A	Ge	neral Physics		(4)	•	_		eneral Physics I eneral Physics II		(4) (4)
PHYSI	CS 7B	Ge	neral Physics		(4)	PHYS	2A &	G	eneral Physics I eneral Physics II		(4) (4)
PHYSI	CS 7C	Ge	neral Physics		(4)	PHYS	2A &	G	eneral Physics I		(4)
their serie serie Davis	PHYS 2B General Physics II (4) It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.								/B/C		
				DEGO	NANATE:	NDED:					
זעט מענ	21C	0010	]a	RECO			EG	7\	nalytic Geometry	- n d	/ E \
MAIH	ZIC	caic	ulus		(4)	MAIH   	5C		alculus III	and	(5)
END O	F MAJO	R									
The uand E	===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										
	plican										
CHEM CHEM			Chemistry Chemistry			CHEM			eneral Chemistry eneral Chemistry		(5) (5)

(5) CHEM 1A & General Chemistry I Genl Chemistry | CHEM 1B General Chemistry II

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 2C Genl Chemistry	5) CHEM 1B General Chemistry II (5
B) ENG CS 15 Intro to Computers	4)   CS 1 & Introduction to Computers (3 and Computer Technology
OR	CS 1L Technology Tools (2

Programming ENG CS 30	(4)	CS	11	Introduction to Programming Concepts and Methodology, C++	(4)
			OR		
		CS	11M	Introduction to C/C++ Programming Using Microcontrollers	(4)
			OR		
		CS	12J	Introduction to	(4)
				Programming Concepts & Methodology, JAVA	
			OR		
		CS	12GP	Introduction to	(4)
		ĺ		Programming Using Games	
		ĺ		and Simulations	
		İ	OR		
		CS	20J	Java 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 OF		Business Calculus	(4)
			MATH	_	Analytic Geometry and Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH	5A	Analytic Geometry and Calculus I	(5)
MATH 16C	Short Calculus	(3)	MATH	5B	Analytic Geometry and Calculus II	(5)
	OR				OR	
MATH 21A	Calculus	(4)	MATH	5A	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH	5B	Analytic Geometry and Calculus II	(5)
MATH 21C	Calculus	(4)	MATH	5C	Analytic Geometry and Calculus III	(5)
PHYSICS 7A	General Physics	(4)		_	General Physics I	(4)
D	a 1 51 '	( 4 )	PHYS		General Physics II	(4)
PHYSICS 7B	General Physics	(4)		_	General Physics I	(4)
	a 1 51 '	( 4 )		2B	General Physics II	(4)
PHYSICS 7C	General Physics	(4)		_	General Physics I	(4)
	2 2 . 2		PHYS	2B	General Physics II	(4)

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

		OR					OR	
PHYSICS	9A	Classical	Physics	(5)	PHYS	4A	Physics for Scientists and Engineers I	(5)
PHYSICS	9B	Classical	Physics	(5)	PHYS	4C	Physics for Scientists and Engineers III	(5)
PHYSICS	9C	Classical	Physics	(5)	PHYS 	4B	Physics for Scientists and Engineers II	(5)
STATIST Same		Elementary STATIST 13Y	Statistics	(4)	MATH OF		Elementary Statistics	(5)
					MATH	12H	Honors Elementary	(5)

TEXT OF 6	Intro Textiles		 	H 2A	Statistics Statistics for Behavioral Sciences	
1FY%CT 0	incro lextiles				ABLE COURSE	
TEX&CL 8	Textile Apparel Ind OR	(4)	NO CO	OMPAR <i>I</i>	ABLE COURSE OR	
ENGIN 45	Prop of Mats	(4)	ENGR	45	Engineering Materials	(4)
	PREPARATION	FOR	GRADI	JATION	<u>.</u>	
CHEM 128A CHEM 128B	Organic Chemistry Organic Chemistry	(3)	CHEM   CHEM   CHEM	12A <b>8</b>	Organic Chemistry I Organic Chemistry I Organic Chemistry II	(3) (3) (3)
CHEM 128C	Organic Chemistry	(3)	CHEM	12B	Organic Chemistry II	(3)
CHEM 129A	Organic Chem Lab	(2)	CHEM	12AL		(2)
CHEM 129B	Organic Chem Lab	(2)	j	12AL 12BL	Laboratory I Organic Chemistry Laboratory I Organic Chemistry Laboratory II	(2)
ECON 1A	Princ of Microecon		COURSI   ECON		Introduction to	(3)
20011 221	TITILO OF MICHOCOCK	( - /		10	Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 	1A	Introduction to Macroeconomics	(3)
MATH 22A	Linear Algebra	(3)	MATH	6	Introduction to Linear Algebra	(3)
MATH 22B	Differntl Equations	(3)	MATH	7	3	(3)
PL SCI 21	Computers in Technology	(3)	NO C	OMPAR	ABLE COURSE	

END OF MAJOR

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

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

### Special Advising Note:

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

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

### Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

avallable	Ifom our TAG website.		
COMUNCN 1	Intro Public Spkg	(4)	COMM 1 Public Speaking (3)
			OK  COMM 1H Honors Public Speaking (3)
MATH 16A	Short Calculus	(3)	MATH 18 Business Calculus (4)
			<u>OR</u>  MATH 5A Analytic Geometry and (5)   Calculus I
MATH 16B	Short Calculus	(3)	MATH 5A Analytic Geometry and (5) Calculus I
MATH 16C	Short Calculus	(3)	MATH 5B Analytic Geometry and (5)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIO 9A Molecular, Cellular, and (5)   Animal Biology
CHEM 2A	Genl Chemistry Genl Chemistry	(5) (5)	CHEM 1A General Chemistry I (5)  CHEM 1A & General Chemistry I (5)
C11211 22	Gent Gremiser,	(3)	CHEM 1A & General Chemistry I (5)   CHEM 1B General Chemistry II (5)   CHEM 1B General Chemistry II (5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B General Chemistry II (5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM 12A & Organic Chemistry I (3)  CHEM 12AL Organic Chemistry (2)
			Laboratory I
CHEM 8B	AND Organic Chem-Brief	(4)	AND  CHEM 12B & Organic Chemistry II (3)
			CHEM 12BL Organic Chemistry (2) Laboratory II
CHEM 118A	<b>OR</b> Org Chem, Hlth & Sci	(4)	OR  CHEM 12A & Organic Chemistry I (3)
	_	, ,	CHEM 12AL Organic Chemistry (2) Laboratory I
CHEM 118B	<b>AND</b> Org Chem, Hlth & Sci	(4)	AND  CHEM 12A & Organic Chemistry I (3)
CIIII 110D	org chem, men a ger	( - )	CHEM 12AL & Organic Chemistry (2)   Laboratory I
			CHEM 12B & Organic Chemistry II (3)
	27		CHEM 12BL Organic Chemistry (2)   Laboratory II
CHEM 128A	<b>OR</b> Organic Chemistry	(3)	OR  CHEM 12A Organic Chemistry I (3)
CHEM 100D	AND	(2)	AND
CHEM 128B	Organic Chemistry	(3)	CHEM 12A & Organic Chemistry I (3)  CHEM 12B Organic Chemistry II (3)
CHEM 129A	<b>AND</b> Organic Chem Lab	(2)	AND  CHEM 12AL Organic Chemistry (2)
		, -	Laboratory I
PHYSICS 7A	General Physics	(4)	PHYS 2A & General Physics I (4)
PHYSICS 7B	General Physics	(4)	PHYS 2B  General Physics II (4) $ PHYS 2A $ General Physics I (4)
Diminion Co			PHYS 2B General Physics II (4)
PHYSICS 7C	General Physics	(4)	PHYS 2A & General Physics I (4)  PHYS 2B General Physics II (4)

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

FD S&T 50	Intro Food Preservation	(3)	NO C	OMPAR	ABLE COURSE	
	Elementary Statistics STATIST 13Y	(4)	MATH   OI		Elementary Statistics	(5)
			_	12H	Honors Elementary Statistics	(5)
				<u>-</u> H 2A	Statistics for Behavioral Sciences	(3)
NUTR 10 Di	iscoveries and Concepts	(3)	CAHM	20	Nutrition	(3)
RECOMMENDE	O FOR STUDENTS INTENDING	TO P	URSUE	GRADI	JATE OR PROFESSIONAL STUDI	ES:
CHEM 118C	Org Chem, Hlth & Sci	(4)			© Organic Chemistry II Organic Chemistry Laboratory II	
	OR		j		OR	
CHEM 128C	Organic Chemistry <b>AND</b>	(3)	CHEM 	12B	Organic Chemistry II <b>AND</b>	(3)
CHEM 129B	Organic Chem Lab	(2)	CHEM	12AL	<u>&amp;</u> Organic Chemistry Laboratory I	(2)
			CHEM	12BL	<del>-</del>	(2)
	AND		İ		AND	
CHEM 129C	Organic Chem Lab	(2)	CHEM	12BL	Organic Chemistry Laboratory II	(2)

END OF MAJOR

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

### Special Advising Note:

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

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

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

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

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

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

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FRENCH 1	Elementary French	(5)   FR 1 Elementary French I (5)
FRENCH 2	Elementary French	(5) FR 1 & Elementary French I (5)
		FR 2 Elementary French II (5)
FRENCH 3	Elementary French	(5) FR 2 Elementary French II (5)
FRENCH 21	Intermed French	(5) FR 3 Intermediate French I (5)
FRENCH 22	Intermed French	(5) NO COURSE ARTICULATED: College has not
		submitted course(s)for articulation
FRENCH 23	Intermed French	(5) NO COURSE ARTICULATED: College has not
		submitted course(s)for articulation

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

# END OF MAJOR

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

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

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

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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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#### Education(GE) Note:

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

WOM STD 50	Intro Gender Studies	$(4) \mid WS 1$ Introduction to Women's (3)
		Studies
WOM STD 60	Feminist Critiques	(4) NO COURSE ARTICULATED: College has not
		submitted course(s) for articulation
WOM STD 70	Sexual:Thry&Hist	(4) NO COURSE ARTICULATED: College has not
		submitted course(s) for articulation

# TWO COURSES FROM THE FOLLOWING:

AF-AMST		Af-Am Culture & Soc Women in Africa		NO COMPARABLE COURSE
AMR STD			. ,	NO COURSE ARTICULATED: College has not   submitted course(s) for articulation
AMR STD	30	Amr Images Pop Cult	(4)	NO COMPARABLE COURSE
ANTHRO 2	2 Cı	ultural Anthropology	(5)	ANTHR 2 Introduction to (3)
ANIERI DO C		Garage Gullbroom	( 1 )	Anthropology: Cultural
ANTHRO 2	20	Comparative Cultures	` '	NO COMPARABLE COURSE
ANTHRO 3	30	Sexualities	(4)	NO COURSE ARTICULATED: College has not
				submitted course(s)for articulation
A A STD	1	Hist Exp Asian Am	(4)	NO COURSE ARTICULATED: College has not
				submitted course(s) for articulation
A A STD	2	Contemp Issues of Asian	(4)	NO COMPARABLE COURSE
		Americans	. ,	İ
CHICANO	10	Intro to Chic Std	(4)	HIST 21A Chicano History to (3)
				1865
				OR
				HIST 21AH Honors Chicano (3)
				History to 1865
CHICANO	21	Hlth Care Issues	(4)	NO COMPARABLE COURSE
CHICANO	50	Chicano Culture	(4)	NO COMPARABLE COURSE
COMPLIT	12	Intro Women Writers	(4)	NO COMPARABLE COURSE
DRAMART	1	Theatre, Performance and	(4)	NO COMPARABLE COURSE
		Culture	. ,	İ
ENGLISH	3	Intro to Lit	(4)	ENGL 1B Composition and (3)
				Literature

		OR  ENGL 1BH Honors Composition (3)
		and Literature
		OR   ENGL 1BMC   Composition and   (3)   Literature:   Multicultural   Emphasis
	& Gender (4) ach/Amer (4) ence (4) & Dance (4)	) HIST 14 Women in America (3) ) NO COMPARABLE COURSE ) NO COMPARABLE COURSE ) NO COMPARABLE COURSE ) NO COMPARABLE COURSE ) NO COMPARABLE COURSE
PSYCH 1 General Psyc	/	PSYCH 1 General Psychology (3)   OR
		PSYCH 1H Honors General (3)   Psychology
SCI&TEC 2 Intro Histo SCI&TEC 20 Sci & Tec SCI&TEC 32 Drugs, Sc Culture Same as: ANTHRO 32 SOCIOL 2 Self and So	ry of Science (4) Std Methods (4) ience and (4) ciety (4)	)   NO COMPARABLE COURSE )   NO COURSE ARTICULATED: College has not   submitted course(s) for articulation     )   NO COMPARABLE COURSE
SOCIOL 3 Social Prob	lems (4)	) SOC 2 Contemporary Social (3) Problems
		OR   SOC 2H Honors Contemporary (3)   Social Problems
Employment SOCIOL 30A Multicult	ural Societies (3)	) NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COMPARABLE COURSE
SOCIOL 30B Multicult TEX&CL 7 Style & Cul UWRITING 49 Writing Res Formerly UWRITING 19	t Std (4)	) NO COMPARABLE COURSE ) NO COMPARABLE COURSE ) NO COMPARABLE COURSE
WOM STD 20 Cult Repr	of Gndr (4)	) NO COURSE ARTICULATED: College has not submitted course(s) for articulation

END OF MAJOR

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

### Special Advising Note:

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

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

# REQUIREMENTS FOR ADMISSION:

(for 2019-20)

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.50

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

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

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

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

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

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

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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.

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

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

BIOLSCI 2B BIOLSCI 2C	Biodiversity & the Tree of Life	(5)	Plant Biology  BIO 9A & Molecular, Cellular, and (5)   Animal Biology  BIO 9B Ecology, Evolution, and (5)   Plant Biology
CHEM 2A CHEM 2B	Genl Chemistry Genl Chemistry		CHEM 1A General Chemistry I (5)   CHEM 1A & General Chemistry I (5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B   General Chemistry II (5)   CHEM 1B   General Chemistry II (5)
	OR		OR
CHEM 2AH	Honors Genl Chemistry		NO COMPARABLE COURSE
CHEM 2BH CHEM 2CH	Honors Genl Chemistry Honors Genl Chemistry		NO COMPARABLE COURSE  NO COMPARABLE COURSE
CHEM 8A	Organic Chem-Brief	(2)	CHEM 12A & Organic Chemistry I (3)   CHEM 12AL Organic Chemistry (2)   Laboratory I
CHEM 8B	Organic Chem-Brief	(4)	CHEM 12B & Organic Chemistry II (3)
			CHEM 12BL Organic Chemistry (2)
	0.7		Laboratory II
CHEM 118A	<b>OR</b> Org Chem, Hlth & Sci	(4)	OR  CHEM 12A & Organic Chemistry I (3)
CHEM IIOA	org chem, firefr & ber	(1)	CHEM 12AL Organic Chemistry (2)
			Laboratory I
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 12A & Organic Chemistry I (3)
			CHEM 12AL & Organic Chemistry (2)
			Laboratory I   CHEM 12B & Organic Chemistry II (3)
			CHEM 12BL   Organic Chemistry (2)
			Laboratory II
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 12B & Organic Chemistry II (3)
			CHEM 12BL Organic Chemistry (2)   Laboratory II
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 5A Analytic Geometry and (5)
MATH 21B	Calculus	(4)	Calculus I MATH 5B Analytic Geometry and (5)
111111 212	carcurus	( - /	Calculus II
			·
PHYSICS 7A	General Physics	(4)	PHYS 2A & General Physics I (4)
PHYSICS 7B	General Physics	(4)	PHYS 2B General Physics II (4)  PHYS 2A & General Physics I (4)
11115165 75			PHYS 2B General Physics II (4)
PHYSICS 7C	General Physics	(4)	PHYS 2A & General Physics I (4)
T+ ic bich	ly recommended that aturate		PHYS 2B General Physics II (4)

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

#### RECOMMENDED:

(4) | MATH 5C Analytic Geometry and (5) MATH 21C Calculus | Calculus III

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

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

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

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

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#### College Foreign Language Requirement Note:

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

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

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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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GEOLOGY 3 History of Life	(3) GEOL 20	Historical Geology	(4)
GEOLOGY 3L History of Life Lab	(1) GEOL 20	Historical Geology	(4)
j) GEOLOGY 50 Physical Geology	(3) GEOL 10	Physical Geology	(4)
j) GEOLOGY 50L Physical Geol Lab	(2)   GEOL 10	Physical Geology	(4)

GEOLOGY 60	Earth Materials:Intro	(4)	NO COMPARABLE COURSE
MATH 16A	Short Calculus	(3)	MATH 18 Business Calculus (4   OR
			MATH 5A Analytic Geometry and (5 Calculus I
MATH 16B	Short Calculus	(3)	MATH 5A Analytic Geometry and (5 Calculus I
	OR		OR
MATH 21A	Calculus	(4)	) MATH 5A Analytic Geometry and (5   Calculus I
MATH 21B	Calculus	(4)	MATH 5B Analytic Geometry and (5   Calculus II
CHEM 2A	Genl Chemistry		CHEM 1A General Chemistry I (5
CHEM 2B	Genl Chemistry	(5)	CHEM 1A $\underline{\mathbf{\&}}$ General Chemistry I (5)
			CHEM 1B General Chemistry II (5
PHYSICS 7A	General Physics	(4)	PHYS 2A & General Physics I (4
			PHYS 2B General Physics II (4
PHYSICS 7B	General Physics	(4)	PHYS 2A & General Physics I (4)
			PHYS 2B General Physics II (4
their commu series befo series may	unity college that is equivore transferring. Students be required to take additi	alen who onal	omplete an entire physics series at nt to the entire UC Davis Physics 7A/B/ometransfer without completing an entire l physics courses upon arrival at UC avis advisor before continuing with
	Elementary Statistics STATIST 13Y	(4)	) MATH 12 Elementary Statistics (5
			MATH 12H Honors Elementary (5
			Statistics
			OR    PSYCH 2A   Statistics for (3)
			Behavioral Sciences
	OR		OR
STATIST 32	Gateway to Data Science	(4)	
	Intelliginal to pack potenice	/	NO COOKED MITTEE   COTTEGE HAS NO

Farth Materials: Intro (4) NO COMPARARIE COURSE

END OF MAJOR

CECTOCY 60

j) If a student takes GEOL 10 at Cabrillo College, credit will be granted for UC Davis's GEOLOGY 1 or 50+50L, not both.

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

|submitted course(s) for articulation

# Special Advising Note:

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# 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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GEOLOGY 3 GEOLOGY 3L j) GEOLOGY j) GEOLOGY GEOLOGY 60 GEOLOGY 62	<del>-</del>	(1) (3) (2) (4)	GEOL NO CO	20 10 10 DMPARA	Historical Geology Historical Geology Physical Geology Physical Geology BLE COURSE BLE COURSE	(4) (4) (4) (4)
MATH 21A	Calculus	(4)	   MATH 	5A	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH	5B	Analytic Geometry and Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 	5C	Analytic Geometry and Calculus III	(5)
CHEM 2A CHEM 2B	Genl Chemistry Genl Chemistry	(5) (5)	CHEM  CHEM  CHEM	1A <u>&amp;</u>	General Chemistry I General Chemistry I General Chemistry II	(5) (5) (5)

## SELECT ONE OF THE FOLLOWING THREE OPTIONS:

#### GENERAL GEOLOGY OPTION:

CHEM 2C		Genl Chemis	stry	(5)	CHEM	1в		General	Chemist	cy II	(5)
STATIST	32	Gateway to	o Data Science	(4)	NO CO	DURS	SE	ARTICULA	red: Coll	lege has	not
					subm	itte	ed	course(s	) for art	ciculati	on
PHYSICS	7A	General	Physics	(4)	PHYS	2A	&	General	Physics	I	(4)
					PHYS	2В		General	Physics	II	(4)
PHYSICS	7в	General	Physics	(4)	PHYS	2A	&	General	Physics	I	(4)
					PHYS	2В		General	Physics	II	(4)
PHYSICS	7C	General	Physics	(4)	PHYS	2A	&	General	Physics	I	(4)
					PHYS	2в		General	Physics	II	(4)

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

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

	OR				OR	
PHYSICS 9A	Classical Physics	(5)	PHYS	4A	Physics for Scientists and Engineers I	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS	4C	Physics for Scientists and Engineers III	(5)
PHYSICS 9C	Classical Physics	(5)	PHYS	4B	Physics for Scientists and Engineers II	(5)

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

#### GEOCHEMISTRY/PETROLOGY OPTION:

CHEM 2C	Genl Chemistry	(5)	CHEM	1B	General Chemistry II	(5)
STATIST 32	Gateway to Data Science	(4)	1		ARTICULATED: College has	
			submi	tted	<pre>course(s) for articulati</pre>	on
MATH 21D	Vector Analysis	(4)	MATH	5C	Analytic Geometry and	(5)
					Calculus III	
PHYSICS 9A	Classical Physics	(5)	PHYS ·	4A	Physics for Scientists	(5)
					and Engineers I	
PHYSICS 9B	Classical Physics	(5)	PHYS ·	4C	Physics for Scientists	(5)
					and Engineers III	

### QUANTITATIVE/GEOPHYSICS OPTION:

MATH 21D	Vector Analysis	(4)	MATH 	5C	Analytic Geometry and Calculus III	(5)
MATH 22A	Linear Algebra	(3)	MATH 	6	Introduction to Linear Algebra	(3)
PHYSICS 9A	Classical Physics	(5)	PHYS	4A	Physics for Scientists and Engineers I	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS	4C	Physics for Scientists and Engineers III	(5)
PHYSICS 9C	Classical Physics	(5)	PHYS 	4B	Physics for Scientists and Engineers II	(5)

### END OF MAJOR

j) If a student takes GEOL 10 at Cabrillo College, credit will be granted for UC Davis's GEOLOGY 1 or 50+50L, not both.

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

# Special Advising Note:

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

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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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GERMAN 1	Elementary German	(5) GRMN 1 Elementary German I (5)
GERMAN 2	Elementary German	(5) GRMN 2 Elementary German II (5)
GERMAN 3	Elementary German	(5) NO COURSE ARTICULATED: College has not
		submitted course(s) for articulation
GERMAN 20	Intermediate German	(4) NO COMPARABLE COURSE
GERMAN 21	Intermediate German	(4) NO COMPARABLE COURSE
GERMAN 22	Intermediate German	(4) NO COMPARABLE COURSE

END OF MAJOR

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

# Special Advising Note:

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

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

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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.

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	Bio		submitted	course(s)for articulation
SCI&SOC 13	Disease and Society	(3)		ARTICULATED:College has not course(s)for articulation
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	  BIO 9A 	Molecular, Cellular, and (5) Animal Biology
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIO 9B	Ecology, Evolution, and (5) Plant Biology
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree	(5)	  BIO 9A <u>&amp;</u>	Molecular, Cellular, and (5) Animal Biology
	of Life		  BIO 9B 	Ecology, Evolution, and (5) Plant Biology
	Genl Chemistry Genl Chemistry		CHEM 1A	General Chemistry I (5)
CHEM 2B	Geni Chemistry	(5)	CHEM 1B	General Chemistry I (5) General Chemistry II (5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry II (5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM 12A	Organic Chemistry (2)
CHEM 8B	Organic Chem-Brief	(4)	  CHEM 12B	Laboratory I  © Organic Chemistry II (3)
	OR		CHEM 12BL   	Organic Chemistry (2) Laboratory II OR
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 12A	
			CHEM 12AL 	Organic Chemistry (2) Laboratory I
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 12A  CHEM 12AL	
			  CHEM 12B	<u>&amp;</u> Organic Chemistry II (3)
			CHEM 12BL 	Organic Chemistry (2) Laboratory II
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	(4)	NO COURSE	ARTICULATED: College has not course(s) for articulation
PHYSICS 7A	General Physics	(4)	· —	General Physics I (4) General Physics II (4)
PHYSICS 7B	General Physics	(4)	PHYS 2A &	General Physics I (4) General Physics II (4) General Physics II (4)
	y recommended that students		mplete an e	entire physics series at
	nity college that is equiva ore transferring. Students v			ntire UC Davis Physics 7A/B/C
series may	be required to take addition will need to meet with a UC	onal	physics co	ourses upon arrival at UC
	PREPARATION	FOR	GRADUATION	<u>v</u> :
STATIST 13	Elementary Statistics STATIST 13Y	(4)	MATH 12   OR	Elementary Statistics (5)
balle as.	DIMIDI IJI		<u>OR</u>  MATH 12H 	Honors Elementary (5) Statistics
			OR	

| OR | | PSYCH 2A Statistics for (3) END OF MAJOR

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

### Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <a href="transfer admission website">transfer admission website</a>. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it 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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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 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  $\underline{\text{General Catalog}}$ . Quick reference charts for  $\underline{\text{AP}}$  and  $\underline{\text{IB}}$  are also available from our TAG website.

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

### A.AFRICA

HISTORY 15A Africa to 1900 HISTORY 15B Africa Today

- (4) NO COURSE ARTICULATED
- (4) NO COURSE ARTICULATED

	B. ASIA						
HISTORY	8	Indian Civilization	(4)	NO COURSE ARTICULATED: College has a			
HISTORY	9A	East Asian Civ	(4)	!	(3)		
HISTORY	9в	East Asian Civ	(4)	Chinese History  HIST 19C Introduction to   Japanese History			
		С. ЕТ	JROP	 Е			
VЯ∩ТРТН	4 A	Western Civ	(4)	NO COMPARABLE COURSE			
HISTORY				!	(3)		
HISTORY	4C	Western Civ	(4)	!	(3)		
		D. LATIN	I AM	ERICA			
III CTODV	77	Intin America to 1700	(1)	HIST 16A Latin America to 1825	/ <b>2</b> \		
				:	(3)		
HIBIORI	7.5	Datii imerica 1700 1900	(1)	: ————————————————————————————————————	(3)		
HISTORY		Latin America 1900-Present	(4)	NO COURSE ARTICULATED: College has r  submitted course(s) for articulation			
III GEODA	_	E. MIDDI					
HISTORY	ь 	Intro to Middle East	( <del>4</del> )	NO COMPARABLE COURSE			
	F. UNITED STATES						
HISTORY	17A	U.S. History	(4)	HIST 17A United States History to 1865	(3)		
HISTORY	17B	U.S. History	(4)	HIST 17B United States History   since 1865	(3)		
HISTORY	18A	Race in America to 1865	(4)				
					(3)		
		Am Women & Gender					
				NO COURSE ARTICULATED: College has r  submitted course(s)for articulation			
		Nat,Man&Mach/Amer		NO COMPARABLE COURSE			
			WOR				
HISTORY	1	Introduction to History	(2)	NO COURSE ARTICULATED: College has 1	not		
		-		submitted course(s) for articulation			
		Intro History of Science		NO COURSE ARTICULATED			
HISTORY	3	Cities: Survey of World Cultures	(4)	NO COMPARABLE COURSE			
				<u>-</u>	(3)		
HISTORY	10B	World History	(4)	NO COMPARABLE COURSE			
HISTORY	10C	1350-1850 World History III	(4)	HIST 2B World History: 1500 to	(3)		
HISTORY	11	Hist Jewish People	(4)	Present  NO COURSE ARTICULATED: College has n			
HISTORY	12	Food and History	(4)	submitted course(s)for articulation  NO COURSE ARTICULATED: College has n			
птсш∪ри	1 2	Global Sexualities	(1)	submited course(s)for articulation  NO COURSE ARTICULATED			
		Hist Global Capitalism		· ·			
HISTORY				NO COURSE ARTICULATED			
			. ,	1			

#### 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 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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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.

OR

OR

POL SCI 1 Amer Natl Govt

HISTORY 72B Am Women & Gender (4) NO COMPARABLE COURSE

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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# Select two of the following courses:

Select two of the following courses:					
ANTHRO 1	Human Evol Biol	(4)	ANTHR 1       OR	Introduction to Anthropology: Biological	(3)
			ANTHR 1H	Honors Introduction to Anthropology: Biological	(3)
	Cultural Anthropology		ĺ	Anthropology: Cultural	(3)
	Human Life Cycle		,		
	Select one				
BIOLSCI 2A	Intro Biology:Life on Earth <b>OR</b>	(5)	BIO 9A   	Molecular, Cellular, and Animal Biology OR	(5)
BIOLSCI 10	Everyday Biology <b>OR</b>	(4)	BIO 11A	General Biology <b>OR</b>	(4)
MIC BIO 10	Natural History of Infectious Diseases <b>OR</b>	(3)	NO COURSE submitted	ARTICULATED: College has course(s) for articulation OR	not on
	Human Brain and Disease		submitted	course(s) for articulation	on
	Intro Human Heredity			ABLE COURSE	
	Select one	e co	urse from:		
HISTORY 17A	U.S. History	(4)	HIST 17A 	to 1865	(3)
	OR	( 4 )		OR	(2)
HISTORY 17B		(4)	нт2.1. т/В 	United States History since 1865	(3)
HICTORV 70%	<b>OR</b> Am Women & Gender	(4)	 	OR Women in America	(3)
IIIDIONI /ZA	Am Momen & Gender	( + )	1 111101 14	WOMEN IN AMELICA	(3)

(4) PS 1 Introduction to Government (3)

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### Select two of the following courses:

PHILOS 15 PHILOS 30 PHILOS 31 PHILOS 32 PHILOS 38	Critical Reasoning  Intro to Bioethics Intro Philos of Sci Scientific Reason Scientific Change Intro Philos of Biol	(4) (4) (4) (4) (4)	OCOMPARABLE NO COMPARABLE NO COMPARABLE NO COMPARABLE NO COMPARABLE	E COURSE E COURSE E COURSE	(3)
NE PH B 10	Elem Human Physio	(3)	BIO 5 Huma		
	General Psychology				
			PSYCH 1H	Honors General Psychology	(3)
	Select one of the	foll	owing options:	 :	
PSYCH 41	Research Methods	(4)	!	Research Methods in Psychology	(4)
	OR			OR	
SOCIOL 46A	Intro Social Rsch <b>AND</b>	(4)	NO COMPARABLE 	E COURSE <b>AND</b>	
SOCIOL 46B	Intro Social Rsch <b>OR</b>	(5)	NO COMPARABLE	E COURSE OR	
STATIST 10	Statist Thinking  OR	(4)		TICULATED: College haurse(s) for articulat  OR	
	Elementary Statistics STATIST 13Y	(4)	  MATH 12 E   <b>OR</b>	_	(5)
			MATH 12H H	Honors Elementary Statistics	(5)
			l .	Statistics for Behavioral Sciences	(3)

END OF MAJOR

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

# Special Advising Note:

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

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BIOLSCI 2A	Intro Biology:Life on	(5) BIO 9A	Molecular, Cellular, and (5)
	Earth		Animal Biology
BIOLSCI 2B	Intro Biology: Ecology	(5) BIO 9B	Ecology, Evolution, and (5)
	& Evolution		Plant Biology

	Genl Chemistry Genl Chemistry		  CHEM  CHEM  CHEM	1A &	- <del>-</del>	(5) (5) (5)
CHEM 2C	Genl Chemistry	(5)	CHEM		<del>-</del>	(5)
PHYSICS 9A	Classical Physics	(5)	   PHYS 	4A	Physics for Scientists and Engineers I	(5)
PHYSICS 9B	Classical Physics	(5)	  PHYS	4C	Physics for Scientists and Engineers III	(5)
PHYSICS 9C	Classical Physics	(5)	PHYS	4B	Physics for Scientists and Engineers II	(5)
MATH 21A	Calculus	(4)	  MATH 	5A	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	  MATH 	5B	Analytic Geometry and Calculus II	(5)
MATH 21C	Calculus	(4)	MATH	5C	Analytic Geometry and Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH	5C	Analytic Geometry and Calculus III	(5)
MATH 22A	Linear Algebra	(3)	MATH	б	Introduction to Linear Algebra	(3)
MATH 22B	Differntl Equations	(3)	MATH	7	Introduction to Differential Equations	(3)
_	50 Physical Geology		•		_	(4)
J) GEOLOGY	50L Physical Geol Lab	(2)	GEOL		Physical Geology	(4)
ENGIN 6	Engr Prob Solving	(4)	ENGR 	30	Computer Applications in Engineering	(4)

END OF MAJOR

j) If a student takes GEOL 10 at Cabrillo College, credit will be granted for UC Davis's GEOLOGY 1 or 50+50L, not both.

# ====International Agricultural Development 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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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	(3) HORT 2 Soil Science & Mgmt (4)

	Environment				
ECON 1A	Princ of Microecon	(4)	ECON 1B 	Introduction to Microeconomics	(3)
	AND			AND	
ECON 1B	Princ of Macroecon	(4)	ECON 1A 	Introduction to Macroeconomics	(3)
	Elementary Statistics  STATIST 13Y	(4)	  МАТН 12   <b>OR</b>	Elementary Statistics	(5)
			MATH 12H	Honors Elementary Statistics	(5)
	OR		<u>OR</u>  PSYCH 2A 	Statistics for Behavioral Sciences <b>OR</b>	(3)
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARA	ABLE COURSE	
MATH 16A	Short Calculus	(3)	  MATH 18   <b>OR</b>	Business Calculus	(4)
				Analytic Geometry and Calculus I	(5)
CM&RGDE 1	The Community	(4)	NO COMPARA	ABLE COURSE	
	SIX QUARTER	UNITS	FROM THE I	FOLLOWING:	
AGRESEC 15	Pop,Envr,World Agri	(4)		ARTICULATED: College has course(s) for articulati	
AN SCI 41	Domestic Ani Prod	(2)		ABLE COURSE	
AN SCI 41L	Domest An Prod Lab	(2)		ARTICULATED: College has	
CM&RGDE 20	Food Systems	(4)	NO COURSE	<pre>course(s)for articulatio ARTICULATED: College has course(s)for articulatio</pre>	not
NUTR 10	Discoveries and Concepts	(3)	CAHM 20		(3)
	Agr Nature & Society		NO COMPARA	ABLE COURSE	
PL SCI 15	Intro Sustainable	(4)		ARTICULATED: College has	
PL SCI 49	Agriculture Org Crop Prod Prac	(3)	submitted  HORT 71 	course(s) for articulati Organic Food Production 1	

# FOREIGN LANGUAGE REQUIREMENT:

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

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

		SPECIALIZATION OP		
BIOLSCI 2A	Intro Biology:Life on Earth	(5) BIO 9A 	Molecular, Cellular, and Animal Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5) BIO 9B	Ecology, Evolution, and Plant Biology	(5)
CHEM 2A	Genl Chemistry	(5) CHEM 1A	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5) CHEM 1A &	General Chemistry I	(5)
		CHEM 1B	General Chemistry II	(5)
	TRADE AND ECONOM:	IC DEVELOPMENT	OPTION:	
MATH 16B	Short Calculus	(3)   MATH 5A	Analytic Geometry and Calculus I	(5)
SOCIOL 1	Intro Sociology	(5) SOC 1	Introduction to	(3)

			   	Sociology: Understanding Society	
	O.D.		<u>OR</u>  SOC 1H 	Honors Introduction to ( Sociology: Understanding Society	3)
	OR			OR	
ANTHRO 2	Cultural Anthropology	(5)	ANTHR 2 	Introduction to ( Anthropology: Cultural	3)
AGRESEC 15	Pop,Envr,World Agri	(4)	NO COURSE	ARTICULATED: College has n	ot
			submitted	course(s) for articulation	l 
	ENVIRONMEN'	TAL :	ISSUES OPT	ION:	
BIOLSCI 2A	Intro Biology:Life on	(5)	BIO 9A	Molecular, Cellular, and (	5)
	Earth		ĺ	Animal Biology	
BIOLSCI 2B	Intro Biology: Ecology	(5)	BIO 9B	Ecology, Evolution, and (	5)
	& Evolution		j	Plant Biology	
ENV S&P 1	Env Analysis	(4)	ES 10	Introduction to (	3)
	-		j :	Environmental Science	
	RURAL COM	MUNI'	TIES OPTIO	 N:	
SOCIOL 1	Intro Sociology	(5)	SOC 1	Introduction to (	3)
			İ	Sociology: Understanding	
			j	Society	
			OR		
			SOC 1H	Honors Introduction to (	3)
			ĺ	Sociology: Understanding	
			ĺ	Society	
ANTHRO 2	Cultural Anthropology	(5)	ANTHR 2	Introduction to (	3)
			İ	Anthropology: Cultural	
			'		

### END OF MAJOR

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

### Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <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
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 2	2 Cu		opology	(5)	   ANTHI 	R 2	Introduction to Anthropology: Cultural	(3)
ECON 1A	Pr	OR cinc of Micro	econ	(4)	  ECON 	1в	OR Introduction to Microeconomics	(3)
ECON 1B	Pr	rinc of Macro	econ	(4)	ECON 	1A	Introduction to Macroeconomics	(3)
HISTORY	4C	Western Civ		(4)	HIST   	4B	Survey of Western Civilization-1648 to Late 20th Century OR	(3)
HISTORY	10C		ory III	(4)			World History: 1500 to Present	(3)
POL SCI		Intro Comp P		(4)			Comparative Government	
POL SCI				(4)	PS 3		International Relations	
	as: C						E ARTICULATED: College has : e(s)for articulation	not
		OR					OR	
		Elementary STATIST 13Y	Statistics	(4)	MATH OI		Elementary Statistics	(5)
					į		Honors Elementary Statistics	(5)
		OR			<u>01</u>   PSYCI 	_	Statistics for Behavioral Sciences OR	(3)
		~	l Rsch	(5)	  NO C	OMPA		
	51	Scientific Politics	Study of	(4)			E ARTICULATED: College has : d 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
ARABIC 2	Elem Arabic	(5)	submitted course(s) for articulation   NO COURSE ARTICULATED: College has not
ARABIC 3	Elem Arabic	(5)	submitted course(s) for articulation  NO COURSE ARTICULATED: College has not
ARABIC 21	Intermed Arabic	(4)	submitted course(s) for articulation  NO COURSE ARTICULATED: College has not
ARABIC 22	Intermed Arabic	(4)	submitted course(s) for articulation  NO COURSE ARTICULATED: College has not
ARABIC 23	Intermed Arabic	(4)	submitted course(s) for articulation  NO COURSE ARTICULATED: College has not
	OR		submitted course(s) for articulation   OR
x) CHINESE		(5)	NO COURSE ARTICULATED: College has not
11, 01111111111111111111111111111111111		(3)	submitted course(s) for articulation
x) CHINESE	2 Elem Chinese	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
x) CHINESE	3 Elem Chinese	(5)	NO COMPARABLE COURSE
x) CHINESE	4 Inter Chinese	(5)	NO COMPARABLE COURSE
x) CHINESE	5 Inter Chinese	(5)	NO COMPARABLE COURSE
x) CHINESE		(5)	NO COMPARABLE COURSE
,	OR	\	OR
x) CHINESE			NO COMPARABLE COURSE
x) CHINESE			NO COMPARABLE COURSE
x) CHINESE	OR Mand/Cant Spkrs III	(5)	NO COMPARABLE COURSE   OR
x) CHINESE	_	(5)	NO COMPARABLE COURSE
x) CHINESE			NO COMPARABLE COURSE
•	II	, ,	
x) CHINESE	3BL Accl Wrtn Chinese	(5)	NO COMPARABLE COURSE
		( )	INO COMPARABLE COURSE
	III	(3)	
FDFNCU 1	III OR	. ,	OR
FRENCH 1	III <b>OR</b> Elementary French	(5)	OR   FR 1 Elementary French I (5)
FRENCH 1 FRENCH 2	III OR	(5)	OR  FR 1 Elementary French I (5)  FR 1 & Elementary French I (5)
	OR Elementary French Elementary French	(5) (5)	OR  FR 1 Elementary French I (5)  FR 1 & Elementary French I (5)  FR 2 Elementary French II (5)
FRENCH 2	III <b>OR</b> Elementary French	(5) (5)	OR
FRENCH 2 FRENCH 3	OR Elementary French Elementary French Elementary French	(5) (5) (5)	OR
FRENCH 2 FRENCH 3 FRENCH 21	OR  Elementary French Elementary French  Elementary French Intermed French	(5) (5) (5)	OR  FR 1 Elementary French I (5)  FR 1 Elementary French I (5)  FR 2 Elementary French II (5)  FR 2 Elementary French II (5)  FR 3 Intermediate French I (5)  NO COURSE ARTICULATED: College has not submitted course(s) for articulation
FRENCH 2 FRENCH 21 FRENCH 22	OR Elementary French Elementary French Elementary French Intermed French Intermed French OR	(5) (5) (5) (5)	OR  FR 1 Elementary French I (5)  FR 1 & Elementary French I (5)  FR 2 Elementary French II (5)  FR 2 Elementary French II (5)  FR 3 Intermediate French I (5)  NO COURSE ARTICULATED: College has not submitted course(s) for articulation OR
FRENCH 2 FRENCH 21 FRENCH 22 GERMAN 1	OR Elementary French Elementary French Elementary French Intermed French Intermed French OR Elementary German	(5) (5) (5) (5) (5)	OR  FR 1 Elementary French I (5)  FR 1 & Elementary French I (5)  FR 2 Elementary French II (5)  FR 2 Elementary French II (5)  FR 3 Intermediate French I (5)  NO COURSE ARTICULATED: College has not submitted course(s) for articulation OR  GRMN 1 Elementary German I (5)
FRENCH 2 FRENCH 21 FRENCH 22 GERMAN 1 GERMAN 2	OR Elementary French Elementary French Elementary French Intermed French Intermed French OR Elementary German Elementary German	(5) (5) (5) (5) (5)	OR  FR 1 Elementary French I (5)  FR 1 Elementary French I (5)  FR 2 Elementary French II (5)  FR 2 Elementary French II (5)  FR 3 Intermediate French I (5)  NO COURSE ARTICULATED: College has not submitted course(s) for articulation OR  GRMN 1 Elementary German I (5)  GRMN 2 Elementary German II (5)
FRENCH 2 FRENCH 21 FRENCH 22 GERMAN 1	OR Elementary French Elementary French Elementary French Intermed French Intermed French OR Elementary German	(5) (5) (5) (5) (5)	OR  FR 1 Elementary French I (5)  FR 1 Elementary French I (5)  FR 2 Elementary French II (5)  FR 2 Elementary French II (5)  FR 3 Intermediate French I (5)  NO COURSE ARTICULATED: College has not submitted course(s) for articulation  OR  GRMN 1 Elementary German I (5)  GRMN 2 Elementary German II (5)  NO COURSE ARTICULATED: College has not
FRENCH 2 FRENCH 21 FRENCH 22 GERMAN 1 GERMAN 2 GERMAN 3	OR Elementary French Elementary French Elementary French Intermed French Intermed French OR Elementary German Elementary German Elementary German	(5) (5) (5) (5) (5) (5)	OR  FR 1 Elementary French I (5)  FR 1 Elementary French I (5)  FR 2 Elementary French II (5)  FR 2 Elementary French II (5)  FR 3 Intermediate French I (5)  NO COURSE ARTICULATED: College has not submitted course(s) for articulation  OR  GRMN 1 Elementary German I (5)  GRMN 2 Elementary German II (5)  NO COURSE ARTICULATED: College has not submitted course(s) for articulation
FRENCH 2 FRENCH 21 FRENCH 22 GERMAN 1 GERMAN 2	OR Elementary French Elementary French Elementary French Intermed French Intermed French OR Elementary German Elementary German Elementary German	(5) (5) (5) (5) (5) (5) (5) (5)	OR  FR 1 Elementary French I (5)  FR 1 & Elementary French I (5)  FR 2 Elementary French II (5)  FR 2 Elementary French II (5)  FR 3 Intermediate French I (5)  NO COURSE ARTICULATED: College has not submitted course(s) for articulation  OR  GRMN 1 Elementary German I (5)  GRMN 2 Elementary German II (5)  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
FRENCH 2 FRENCH 21 FRENCH 22 GERMAN 1 GERMAN 2 GERMAN 3 GERMAN 20	OR Elementary French Elementary French Elementary French Intermed French Intermed French OR Elementary German Elementary German Elementary German	(5) (5) (5) (5) (5) (5) (5) (5)	OR  FR 1 Elementary French I (5)  FR 1 Elementary French I (5)  FR 2 Elementary French II (5)  FR 2 Elementary French II (5)  FR 3 Intermediate French I (5)  NO COURSE ARTICULATED: College has not submitted course(s) for articulation  OR  GRMN 1 Elementary German I (5)  GRMN 2 Elementary German II (5)  NO COURSE ARTICULATED: College has not submitted course(s) for articulation
FRENCH 2 FRENCH 21 FRENCH 22 GERMAN 1 GERMAN 2 GERMAN 3 GERMAN 20	OR Elementary French Elementary French Elementary French Intermed French Intermed French OR Elementary German Elementary German Intermediate German Intermediate German	(5) (5) (5) (5) (5) (5) (5) (4)	OR   FR 1
FRENCH 2 FRENCH 21 FRENCH 22  GERMAN 1 GERMAN 2 GERMAN 3  GERMAN 20 GERMAN 21  HEBREW 1	OR  Elementary French Elementary French Elementary French Intermed French Intermed French OR Elementary German Elementary German Intermediate German Intermediate German OR Elem Hebrew	(5) (5) (5) (5) (5) (5) (5) (4) (4)	OR  FR 1 Elementary French I (5)  FR 1 Elementary French I (5)  FR 2 Elementary French II (5)  FR 2 Elementary French II (5)  FR 3 Intermediate French I (5)  NO COURSE ARTICULATED: College has not submitted course(s) for articulation  OR  GRMN 1 Elementary German I (5)  GRMN 2 Elementary German II (5)  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 COMPARABLE COURSE  OR  NO COURSE ARTICULATED: College has not submitted course(s) for articulation
FRENCH 2 FRENCH 21 FRENCH 22  GERMAN 1 GERMAN 2 GERMAN 3  GERMAN 20 GERMAN 21	OR Elementary French Elementary French Elementary French Intermed French Intermed French OR Elementary German Elementary German Elementary German Intermediate German Intermediate German OR	(5) (5) (5) (5) (5) (5) (5) (4) (4)	OR   FR 1
FRENCH 2 FRENCH 21 FRENCH 22  GERMAN 1 GERMAN 2 GERMAN 3  GERMAN 20 GERMAN 21  HEBREW 1  HEBREW 2	III OR Elementary French Elementary French Elementary French Intermed French Intermed French OR Elementary German Elementary German Intermediate German Intermediate German OR Elem Hebrew Elem Hebrew	(5) (5) (5) (5) (5) (5) (4) (4) (5)	OR  FR 1 Elementary French I (5)  FR 1 Elementary French I (5)  FR 2 Elementary French II (5)  FR 2 Elementary French II (5)  FR 3 Intermediate French I (5)  NO COURSE ARTICULATED: College has not submitted course(s) for articulation  OR  GRMN 1 Elementary German I (5)  GRMN 2 Elementary German II (5)  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 COMPARABLE COURSE  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
FRENCH 2 FRENCH 21 FRENCH 22  GERMAN 1 GERMAN 2 GERMAN 3  GERMAN 20 GERMAN 21  HEBREW 1	OR  Elementary French Elementary French Elementary French Intermed French Intermed French OR Elementary German Elementary German Intermediate German Intermediate German OR Elem Hebrew	(5) (5) (5) (5) (5) (5) (4) (4) (5)	OR  FR 1 Elementary French I (5) FR 1 Elementary French I (5) FR 2 Elementary French II (5) FR 2 Elementary French II (5) FR 3 Intermediate French II (5) NO COURSE ARTICULATED: College has not submitted course(s) for articulation OR  GRMN 1 Elementary German I (5) GRMN 2 Elementary German II (5) 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 COMPARABLE COURSE 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
FRENCH 2 FRENCH 21 FRENCH 22  GERMAN 1 GERMAN 2 GERMAN 3  GERMAN 20 GERMAN 21  HEBREW 1  HEBREW 2	III OR Elementary French Elementary French Elementary French Intermed French Intermed French OR Elementary German Elementary German Intermediate German Intermediate German OR Elem Hebrew Elem Hebrew	(5) (5) (5) (5) (5) (5) (4) (4) (5) (5)	OR  FR 1 Elementary French I (5)  FR 1 Elementary French I (5)  FR 2 Elementary French II (5)  FR 2 Elementary French II (5)  FR 3 Intermediate French I (5)  NO COURSE ARTICULATED: College has not submitted course(s) for articulation  OR  GRMN 1 Elementary German I (5)  GRMN 2 Elementary German II (5)  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 COMPARABLE COURSE  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
FRENCH 2 FRENCH 21 FRENCH 22  GERMAN 1 GERMAN 2 GERMAN 3  GERMAN 21 HEBREW 1 HEBREW 2 HEBREW 3 HEBREW 21	III OR Elementary French Elementary French Elementary French Intermed French Intermed French Intermed French OR Elementary German Elementary German Intermediate German Intermediate German Intermediate German Elem Hebrew Elem Hebrew Elem Hebrew	(5) (5) (5) (5) (5) (5) (4) (5) (5) (5) (5)	OR  FR 1 Elementary French I (5) FR 1 Elementary French I (5) FR 2 Elementary French II (5) FR 2 Elementary French II (5) FR 3 Intermediate French II (5) NO COURSE ARTICULATED: College has not submitted course(s) for articulation OR  GRMN 1 Elementary German I (5) NO COURSE ARTICULATED: College has not submitted course(s) for articulation OR  GRMN 2 Elementary German II (5) NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COMPARABLE COURSE OR  NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not 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
FRENCH 2 FRENCH 21 FRENCH 22  GERMAN 1 GERMAN 2 GERMAN 3  GERMAN 21 HEBREW 1 HEBREW 2 HEBREW 3	III OR Elementary French Elementary French Elementary French Intermed French Intermed French Intermed French OR Elementary German Elementary German Intermediate German Intermediate German Intermediate German Elem Hebrew Elem Hebrew Elem Hebrew	(5) (5) (5) (5) (5) (5) (4) (5) (5) (5) (5)	OR   FR 1
FRENCH 2 FRENCH 21 FRENCH 22  GERMAN 1 GERMAN 2 GERMAN 20 GERMAN 21 HEBREW 1 HEBREW 2 HEBREW 3 HEBREW 21 HEBREW 21 HEBREW 22	III OR Elementary French Elementary French Elementary French Intermed French Intermed French Intermed French Intermed German Elementary German Elementary German Intermediate German Intermediate German OR Elem Hebrew Elem Hebrew Elem Hebrew Intermed Modern Hebrew I Intermed Modern Hebrew II	(5) (5) (5) (5) (5) (5) (4) (4) (5) (5) (4) (4)	OR  FR 1 Elementary French I (5) FR 1 Elementary French I (5) FR 2 Elementary French II (5) FR 2 Elementary French II (5) FR 3 Intermediate French II (5) NO COURSE ARTICULATED: College has not submitted course(s) for articulation OR  GRMN 1 Elementary German I (5) NO COURSE ARTICULATED: College has not submitted course(s) for articulation OR  GRMN 2 Elementary German II (5) NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COMPARABLE COURSE NO COMPARABLE COURSE OR  NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not 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
FRENCH 2 FRENCH 21 FRENCH 22  GERMAN 1 GERMAN 2 GERMAN 3  GERMAN 21 HEBREW 1 HEBREW 2 HEBREW 3 HEBREW 21	III OR Elementary French Elementary French Elementary French Intermed French Intermed French Intermed French Intermed German Elementary German Elementary German Intermediate German Intermediate German OR Elem Hebrew Elem Hebrew Intermed Modern Hebrew I	(5) (5) (5) (5) (5) (5) (4) (4) (5) (5) (4) (4)	OR  FR 1 Elementary French I (5) FR 1 Elementary French I (5) FR 2 Elementary French II (5) FR 2 Elementary French II (5) FR 3 Intermediate French II (5) NO COURSE ARTICULATED: College has not submitted course(s) for articulation OR  GRMN 1 Elementary German I (5) NO COURSE ARTICULATED: College has not submitted course(s) for articulation OR  GRMN 2 Elementary German II (5) NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COMPARABLE COURSE NO COMPARABLE COURSE OR  NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not 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

HIN-URD 1	Elem Hindi/Urdu I	(5)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
HIN-URD 2	Elem Hindi/Urdu II	(5)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
HIN-URD 3	Elem Hindi/Urdu III	(5)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
HIN-URD 21	Intermed Hindi/Urdu I	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
HIN-URD 22	Intermed Hindi/Urdu II	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
HIN-URD 23	Intermed Hindi/Urdu III	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
	OR		OR
ITALIAN 1	Elementary Italian	(5)	ITAL 1 Elementary Italian I (5)
ITALIAN 2	Elementary Italian	(5)	ITAL 1 & Elementary Italian I (5)
			ITAL 2 Elementary Italian II (5)
ITALIAN 3	Elementary Italian	(5)	ITAL 2 Elementary Italian II (5)
ITALIAN 4	Interm Italian	(4)	ITAL 3 Intermediate Italian I (5)
ITALIAN 5	Interm Italian	(4)	NO COMPARABLE COURSE
	OR		OR
ITALIAN 1	Elementary Italian	(5)	ITAL 1 Elementary Italian I (5)
ITALIAN 2	Elementary Italian		ITAL 1 & Elementary Italian I (5)
			ITAL 2 Elementary Italian II (5)
ITALIAN 3	Elementary Italian	(5)	ITAL 2 Elementary Italian II (5)
ITALIAN 8A	Italian Convers		NO COMPARABLE COURSE
ITALIAN 8B	Italian Convers		NO COMPARABLE COURSE
	OR	(-,	OR
y) JPNESE 1	Elem Japanese	(5)	JAPAN 2 Elementary Japanese II (5)
y) JPNESE 2	-		NO COMPARABLE COURSE
y) JPNESE 3			NO COMPARABLE COURSE
y) JPNESE 4			
	Inter Japanese		!
-	<del>-</del>	(5)	NO COMPARABLE COURSE
y) JPNESE 5	Inter Japanese	(5) (5)	NO COMPARABLE COURSE
-	Inter Japanese	(5) (5)	NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE
y) JPNESE 5	Inter Japanese Inter Japanese <b>OR</b>	(5) (5) (5)	NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE OR
y) JPNESE 5 y) JPNESE 6	Inter Japanese Inter Japanese	(5) (5) (5)	NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE OR NO COURSE ARTICULATED: College has not
y) JPNESE 5 y) JPNESE 6 PORTUG 1	Inter Japanese Inter Japanese OR Elementary Portuguese	(5) (5) (5)	NO COMPARABLE COURSE   NO COMPARABLE COURSE   NO COMPARABLE COURSE   OR   NO COURSE ARTICULATED: College has not   submitted course(s) for articulation
y) JPNESE 5 y) JPNESE 6	Inter Japanese Inter Japanese <b>OR</b>	(5) (5) (5)	NO COMPARABLE COURSE   NO COMPARABLE COURSE   NO COMPARABLE COURSE   OR   NO COURSE ARTICULATED: College has not   submitted course(s) for articulation   NO COURSE ARTICULATED: College has not
y) JPNESE 5 y) JPNESE 6 PORTUG 1 PORTUG 2	Inter Japanese Inter Japanese OR Elementary Portuguese Elementary Portuguese	(5) (5) (5) (5)	NO COMPARABLE COURSE   NO COMPARABLE COURSE   NO COMPARABLE COURSE   OR   NO COURSE ARTICULATED: College has not   submitted course(s) for articulation   NO COURSE ARTICULATED: College has not   submitted course(s) for articulation
y) JPNESE 5 y) JPNESE 6 PORTUG 1	Inter Japanese Inter Japanese OR Elementary Portuguese	(5) (5) (5) (5)	NO COMPARABLE COURSE   NO COMPARABLE COURSE   NO COMPARABLE COURSE   OR   NO COURSE ARTICULATED: College has not   submitted course(s) for articulation   NO COURSE ARTICULATED: College has not   submitted course(s) for articulation   NO COURSE ARTICULATED: College has not   NO COURSE ARTICULATED: College has not
y) JPNESE 5 y) JPNESE 6 PORTUG 1 PORTUG 2 PORTUG 3	Inter Japanese Inter Japanese OR Elementary Portuguese Elementary Portuguese	(5) (5) (5) (5) (5)	NO COMPARABLE COURSE   NO COMPARABLE COURSE   NO COMPARABLE COURSE   OR   NO COURSE ARTICULATED: College has not   submitted course(s) for articulation   NO COURSE ARTICULATED: College has not   submitted course(s) for articulation   NO COURSE ARTICULATED: College has not   submitted course(s) for articulation   submitted course(s) for articulation   Submitted course(s) for articulation   NO COURSE ARTICULATED: College has not   submitted course(s) for articulation
y) JPNESE 5 y) JPNESE 6 PORTUG 1 PORTUG 2	Inter Japanese Inter Japanese OR Elementary Portuguese Elementary Portuguese	(5) (5) (5) (5) (5)	NO COMPARABLE COURSE   NO COMPARABLE COURSE   NO COMPARABLE COURSE   OR   NO COURSE ARTICULATED: College has not   submitted course(s) for articulation   NO COURSE ARTICULATED: College has not   submitted course(s) for articulation   NO COURSE ARTICULATED: College has not   submitted course(s) for articulation   NO COURSE ARTICULATED: College has not   submitted course(s) for articulation   NO COURSE ARTICULATED: College has not
y) JPNESE 5 y) JPNESE 6 PORTUG 1 PORTUG 2 PORTUG 3 PORTUG 21	Inter Japanese Inter Japanese OR Elementary Portuguese Elementary Portuguese Elementary Portuguese Intermediate Portuguese	(5) (5) (5) (5) (5) (5)	NO COMPARABLE COURSE   NO COMPARABLE COURSE   NO COMPARABLE COURSE   OR   NO COURSE ARTICULATED: College has not   submitted course(s) for articulation   NO COURSE ARTICULATED: College has not   submitted course(s) for articulation   NO COURSE ARTICULATED: College has not   submitted course(s) for articulation   NO COURSE ARTICULATED: College has not   submitted course(s) for articulation   NO COURSE ARTICULATED: College has not   submitted course(s) for articulation
y) JPNESE 5 y) JPNESE 6 PORTUG 1 PORTUG 2 PORTUG 3	Inter Japanese Inter Japanese OR Elementary Portuguese Elementary Portuguese	(5) (5) (5) (5) (5) (5)	NO COMPARABLE COURSE   NO COMPARABLE COURSE   NO COMPARABLE COURSE   OR   NO COURSE ARTICULATED: College has not   submitted course(s) for articulation   NO COURSE ARTICULATED: College has not   submitted course(s) for articulation   NO COURSE ARTICULATED: College has not   submitted course(s) for articulation   NO COURSE ARTICULATED: College has not   submitted course(s) for articulation   NO COURSE ARTICULATED: College has not   submitted course(s) for articulation   NO COURSE ARTICULATED: College has not
y) JPNESE 5 y) JPNESE 6 PORTUG 1 PORTUG 2 PORTUG 3 PORTUG 21	Inter Japanese Inter Japanese OR Elementary Portuguese Elementary Portuguese Intermediate Portuguese Intermediate Portuguese	(5) (5) (5) (5) (5) (5)	NO COMPARABLE COURSE   NO COMPARABLE COURSE   NO COMPARABLE COURSE   OR   NO COURSE ARTICULATED: College has not   submitted course(s) for articulation   NO COURSE ARTICULATED: College has not   submitted course(s) for articulation   NO COURSE ARTICULATED: College has not   submitted course(s) for articulation   NO COURSE ARTICULATED: College has not   submitted course(s) for articulation   NO COURSE ARTICULATED: College has not   submitted course(s) for articulation
y) JPNESE 5 y) JPNESE 6 PORTUG 1 PORTUG 2 PORTUG 3 PORTUG 21 PORTUG 22	Inter Japanese Inter Japanese OR Elementary Portuguese Elementary Portuguese Intermediate Portuguese Intermediate Portuguese OR	(5) (5) (5) (5) (5) (5) (5)	NO COMPARABLE COURSE   NO COMPARABLE COURSE   NO COMPARABLE COURSE   OR   NO COURSE ARTICULATED: College has not   submitted course(s) for articulation   NO COURSE ARTICULATED: College has not   submitted course(s) for articulation   NO COURSE ARTICULATED: College has not   submitted course(s) for articulation   NO COURSE ARTICULATED: College has not   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   OR
y) JPNESE 5 y) JPNESE 6 PORTUG 1 PORTUG 2 PORTUG 3 PORTUG 21 PORTUG 22 RUSSIAN 1	Inter Japanese Inter Japanese OR Elementary Portuguese Elementary Portuguese Elementary Portuguese Intermediate Portuguese Intermediate Portuguese OR Elementary Russian	(5) (5) (5) (5) (5) (5) (5)	NO COMPARABLE COURSE   NO COMPARABLE COURSE   NO COMPARABLE COURSE   OR   NO COURSE ARTICULATED: College has not   submitted course(s) for articulation   NO COURSE ARTICULATED: College has not   submitted course(s) for articulation   NO COURSE ARTICULATED: College has not   submitted course(s) for articulation   NO COURSE ARTICULATED: College has not   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   OR   NO COMPARABLE COURSE
y) JPNESE 5 y) JPNESE 6 PORTUG 1 PORTUG 2 PORTUG 21 PORTUG 22 RUSSIAN 1 RUSSIAN 2	Inter Japanese Inter Japanese OR Elementary Portuguese Elementary Portuguese Elementary Portuguese Intermediate Portuguese Intermediate Portuguese OR Elementary Russian Elementary Russian	(5) (5) (5) (5) (5) (5) (5) (5)	NO COMPARABLE COURSE   NO COMPARABLE COURSE   NO COMPARABLE COURSE   OR   NO COURSE ARTICULATED: College has not   submitted course(s) for articulation   NO COURSE ARTICULATED: College has not   submitted course(s) for articulation   NO COURSE ARTICULATED: College has not   submitted course(s) for articulation   NO COURSE ARTICULATED: College has not   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   OR   NO COMPARABLE COURSE   NO COMPARABLE COURSE   NO COMPARABLE COURSE
y) JPNESE 5 y) JPNESE 6 PORTUG 1 PORTUG 2 PORTUG 21 PORTUG 22 RUSSIAN 1 RUSSIAN 2 RUSSIAN 3	Inter Japanese Inter Japanese OR Elementary Portuguese Elementary Portuguese Elementary Portuguese Intermediate Portuguese Intermediate Portuguese OR Elementary Russian Elementary Russian Elementary Russian	(5) (5) (5) (5) (5) (5) (5) (5) (5)	NO COMPARABLE COURSE   NO COMPARABLE COURSE   NO COMPARABLE COURSE   OR     NO COURSE ARTICULATED: College has not   submitted course(s) for articulation   NO COURSE ARTICULATED: College has not   submitted course(s) for articulation   NO COURSE ARTICULATED: College has not   submitted course(s) for articulation   NO COURSE ARTICULATED: College has not   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   OR   NO COMPARABLE COURSE   NO COMPARAB
y) JPNESE 5 y) JPNESE 6 PORTUG 1 PORTUG 2 PORTUG 21 PORTUG 22 RUSSIAN 1 RUSSIAN 2	Inter Japanese Inter Japanese OR Elementary Portuguese Elementary Portuguese Elementary Portuguese Intermediate Portuguese Intermediate Portuguese OR Elementary Russian Elementary Russian	(5) (5) (5) (5) (5) (5) (5) (5) (5) (4)	NO COMPARABLE COURSE   NO COMPARABLE COURSE   NO COMPARABLE COURSE   OR   NO COURSE ARTICULATED: College has not   submitted course(s) for articulation   NO COURSE ARTICULATED: College has not   submitted course(s) for articulation   NO COURSE ARTICULATED: College has not   submitted course(s) for articulation   NO COURSE ARTICULATED: College has not   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   OR   NO COMPARABLE COURSE   NO COMPARABLE COURSE   NO COMPARABLE COURSE

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

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

SPANISH 31	Int Span Nat Spk I	(5)   SPAN 16	Elementary Spanish for (4)
			Spanish Speakers I
SPANISH 32	Int Span Nat Spk II	(5) SPAN 16 <u>&amp;</u>	Elementary Spanish for (4)
		_	Spanish Speakers I
		SPAN 17	Elementary Spanish for (4)
			Spanish Speakers II
SPANISH 33	Int Span Nat Spk III	(5) SPAN 17	Elementary Spanish for (4)
			Spanish Speakers II

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

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### END OF MAJOR

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

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

### Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <a href="transfer admission website">transfer admission website</a>. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it 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.

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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 1 Elementary Italian I ITALIAN 2 Elementary Italian (5) | ITAL 1  $\underline{\mathbf{k}}$  Elementary Italian I | ITAL 2 | Elementary Italian II (5)

ITALIAN 3 | Elementary Italian | (5) | ITAL 2 | Elementary Italian II (5)

ITALIAN 4 | Interm Italian | (4) | ITAL 3 | Intermediate Italian I (5)

ITALIAN 5 | Interm Italian | (4) | NO COMPARABLE COURSE

ITALIAN 9 | Reading Italian | (4) | ITAL 10 | Italian Conversation (3)

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

# Japanese Placement Examination Note:

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

Transfer Admission Guarantee (TAG) Note:

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

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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.

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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.

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y)	JPNESE	1	Elem Japanese	(5)	JAE	PAN 2	Ele	ementary	Japanese	ΙI	(5)
y)	JPNESE	2	Elem Japanese	(5)	NO	COMPARA	ABLE	COURSE			
y)	JPNESE	3	Elem Japanese	(5)	NO	COMPARA	ABLE	COURSE			
y)	JPNESE	4	Inter Japanese	(5)	NO	COMPARA	ABLE	COURSE			
y)	JPNESE	5	Inter Japanese	(5)	NO	COMPARA	ABLE	COURSE			
y)	JPNESE	6	Inter Japanese	(5)	NO	COMPARA	ABLE	COURSE			

# RECOMMENDED COURSES FOR THIS MAJOR:

JPNESE 10 JPNESE 25	Masterworks in English Language & Culture (in		NO COMPARABLE COURSE  NO COMPARABLE COURSE
	English)	, ,	
CHINESE 10	Modern Lit (in Engl)	(4)	NO COMPARABLE COURSE
CHINESE 11	Gt Bks China (Engl)	(4)	NO COMPARABLE COURSE
CHINESE 50	Intro to Literature	(4)	NO COMPARABLE COURSE
Same as:	JPNESE 50		
LINGUIS 1	Intro Linguistics	(4)	NO COMPARABLE COURSE
HISTORY 9B	East Asian Civ	(4)	HIST 19C Introduction to (3)
			Japanese History

### END OF MAJOR

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

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

### Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses

as possible for their major before enrolling at UC Davis. In particular, it is  $\frac{\text{highly recommended}}{\text{Preparing well for the major helps}}$  students move efficiently toward graduation and significantly reduces time to degree.

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

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#### 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.

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

COMUNCN 1	Intro Public Spkg	(4)	:	Public Speaking	(3)
			<u>ОR</u>  СОММ 1Н	Honors Public Speaking	(3)
ENGLISH 3	Intro to Lit	(4)	ENGL 1B     OR	Composition and Literature	(3)
			OK  ENGL 1BH     OR	Honors Composition and Literature	(3)
	OR		ENGL 1BMC	Composition and Literature: Multicultural Emphasis OR	(3)
UWRITING 1	Expository Writing	(4)	ENGL 1A Same as OR	College Composition:	(3)
			ENGL TAMC	College Composition: Multicultural Emphasis	(3)
			Same as		
			ENGL 1AH	Honors College Composition	(3)
			Same as   OR	•	
			ENGL TAMCH     	Honors College Composition: Multicultural Emphasis	(3)
			Same as		
	OR			OR	

	Style in the Essay UWRITING 18	(4)	NO COMPARA		
UWRITING 49 Formerly U		(4)	  NO COMPAR <i>I</i> 	OR ABLE COURSE	
	Intro Biology: Ecology & Evolution	(5)		Ecology, Evolution, and Plant Biology	
ENVHORT 6			NO COURSE  submitted		not on
	ONE COURSE FRO				
МАТН 16А	Short Calculus	(3)	MATH 18   <u>OR</u>		
			MATH 5A 	Analytic Geometry and Calculus I	(5)
	Elementary Statistics STATIST 13Y		MATH 12	Elementary Statistics	(5)
			į	Honors Elementary Statistics	(5)
			<u>OR</u>  PSYCH 2A	Statistics for Behavioral Sciences	(3)
	Intro to Programming(4) y ENG CS 10		  NO COMPARA 		
	ONE COURSE FR	OM T	HE FOLLOWIN	 1G:	
CHEM 10 C	Genl Chemistry Concept of Chem Principles Physics Topics,Nonscientists 1 The Earth Soils in Our Environment	(4) (3)	CHEM 10	Concepts of Chemistry Elementary Physics	(4) (4)
LND ARC 1	Intro Environ Design	(4)	  NO COMPARA	ABLE COURSE	
LND ARC 2 LND ARC 3	Place, Culture, Community Sustainable Development		NO COURSE	ABLE COURSE ARTICULATED: College has course(s) for articulati	
LND ARC 21 Formerly	Landscape Rep I Design Visualization	(4)	NO COMPARA	ABLE COURSE	
	Landscape Rep II	(3)	NO COURSE	ARTICULATED	
LND ARC 30			!		
	Site Ecology Landform Grading Studio			ABLE COURSE	
	Intro to Spacemaking	(4)	NO COMPARA		
	in Arts and Humanities sein Agreement TB: Arts and Hu	lect		-	
Articulation	in Social Sciences selecten Agreement TB: Social Scient	ence	s.	·	
END OF WATO					

j) If a student takes GEOL 10 at Cabrillo College, credit will be granted for UC Davis's GEOLOGY 1 or 50+50L, not both.

END OF MAJOR

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

### Special Advising Note:

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

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

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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.

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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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TINGUES 1 Total Linear

LINGUIS 1 Intro Linguistics (4) NO COMPARABLE COURSE

\_\_\_\_\_\_

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

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

Transfer students are strongly advised to complete as many preparatory courses as possible for their 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 <a href="transfer admission website">transfer admission website</a>. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it 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.

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

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

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

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

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

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

COMUNCN 1 Intro Public Spkg	(4)	COMM 1	Public Speaking	(3)
OR		COMM 1H	Honors Public Speaking OR	(3)
COMUNCN 3 Intprsnl Com Cmpetnce	(4)	COMM 7 	Interpersonal Communications	(3)
AGRESEC 18 Business Law	(4)	BUS 18	Business Law	(4)
ECON 1A Princ of Microecon	(4)	ECON 1B	Introduction to Microeconomics	(3)
ECON 1B Princ of Macroecon	(4)	ECON 1A	Introduction to Macroeconomics	(3)
PL SCI 21 Computers in Technology OR	(3)	  NO COMPAI 	RABLE COURSE OR	
B) ENG CS 15 Intro to Computers	(4)	CS 1 &	Introduction to Computers and Computer Technology	(3)
		CS 1L	Technology Tools	(2)

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

MGMT 11A	Elem Accounting	(4)	ACCT 1A	Financial Accounting	(4)
MGMT 11B	Elem Accounting	(4)	ACCT 1B	Managerial Accounting	(4)
MATH 16A	Short Calculus	(3)	  MATH 18   <b>OR</b>	Business Calculus	(4)
			MATH 5A	Analytic Geometry and Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 5A	Analytic Geometry and Calculus I	(5)
MATH 16C	Short Calculus	(3)	MATH 5B 	Analytic Geometry and Calculus II	(5)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)		ARTICULATED: College has course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)	NO COURSE	ARTICULATED: College has a course(s) for articulation	not
	OR		Sabilit ccca	OR	11
MATH 21A	Calculus	(4)		Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 5B 	Analytic Geometry and Calculus II	(5)
	Elementary Statistics STATIST 13Y	(4)	  MATH 12   <b>OR</b>	Elementary Statistics	(5)
			MATH 12H	Honors Elementary Statistics	(5)
			<u>OR</u>  PSYCH 2A 	Statistics for Behavioral Sciences	(3)

END OF MAJOR

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

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

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

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

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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 <a href="http://bml.ucdavis.edu/education/marine-coastal-science-undergraduate-major/">http://bml.ucdavis.edu/education/marine-coastal-science-undergraduate-major/</a> for details regarding the marine and coastal science undergraduate major.

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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.

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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  $\underline{\text{General Catalog}}$ . 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)		Molecular, Cellular, and Animal Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	  BIO 9B 	Ecology, Evolution, and Plant Biology	(5)
BIOLSCI 2C	Intro Biology:		BIO 9A <u>&amp;</u>	Molecular, Cellular, and	(5)
	Biodiversity & the Tree of Life		  BIO 9B	Animal Biology Ecology, Evolution, and	/ E \
	or rite		BIO AR	Plant Biology	(5)
CHEM 2A	Genl Chemistry	(5)	   CHEM 1A	General Chemistry I	(5)
	Genl Chemistry		CHEM 1A &	General Chemistry I	(5)
			CHEM 1B	General Chemistry II	(5)
CHEM 2C	Genl Chemistry		CHEM 1B	General Chemistry II	(5)
MATH 16A	Short Calculus	(3)	MATH 18   OR	Business Calculus	(4)
			MATH 5A	Analytic Geometry and Calculus I	(5)
MATH 16B	Short Calculus	(3)	  MATH 5A	Analytic Geometry and	(5)
		, ,		Calculus I	, ,
MATH 16C	Short Calculus	(3)	MATH 5B	Analytic Geometry and	(5)
				Calculus II	
MA TOTAL 1 1 7 2	OR	( 1 )		OR	
MATH 17A	Calculus for BioSci	(4)		ARTICULATED: College has course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)		ARTICULATED: College has	
MAIII 17D	Calculus for Biosci	( 1 )		course(s) for articulation	
MATH 17C	Calculus for BioSci	(4)		ARTICULATED: College has	
		, ,		course(s) for articulation	
	OR		İ	OR	
MATH 21A	Calculus	(4)	MATH 5A	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	  MATH 5B		(5)
	04104145	( - /		Calculus II	(0)
MATH 21C	Calculus	(4)	MATH 5C	Analytic Geometry and	(5)
				Calculus III	
PHYSICS 7A	General Physics	(4)	PHYS 2A &	General Physics I	(4)
			PHYS 2B	General Physics II	(4)
PHYSICS 7B	General Physics		: —	General Physics I	(4)
DIEVOTOS 72	Con and Description		PHYS 2B	General Physics II	(4)
PHYSICS /C	General Physics		PHYS 2A <u>&amp;</u>  PHYS 2B	General Physics I General Physics II	(4) (4)
It is highl	v recommended that students			<del>-</del>	

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 OR

PHYSICS 9A Classical Physics (5) PHYS 4A Physics for Scientists (5)

PHYSICS 9B	Classical	Physics (5)	  PHYS	4C	and Engineers I Physics for Scientists	(5)
PHYSICS 9C	Classical	Physics (5)	  PHYS 	4B	and Engineers III Physics for Scientists and Engineers II	(5)
			•		_	

#### STRONGLY RECOMMENDED:

EVOL&EC 12	Life in the Sea	(3) NO COMPARABLE COURSE					
GEOLOGY 16	The Oceans	(3) OCEAN 10 	Introduction to Oceanography	(4)			

#### END OF MAJOR

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

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

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

### REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

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

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

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

complete Organic Chemistry 8A/B; however, students may substitute Chemistry 118A/B/C.

Transfer students must also meet UC transfer admission requirements. UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. See the <a href="UC Transfer">UC Transfer</a>
<a href="Admission webpage">Admission webpage</a>. In order to receive priority consideration it 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 <a href="http://bml.ucdavis.edu/education/marine-coastal-science-undergraduate-major/">http://bml.ucdavis.edu/education/marine-coastal-science-undergraduate-major/</a> for details regarding the marine and coastal science undergraduate major.

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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.

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

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

BIOLSCI 2A Intro Biology:Life on (5) BIO 9A Molecular, Cellular, and (5)
Earth Animal Biology

BIOLSCI 2B Intro Biology: Ecology (5) BIO 9B Ecology, Evolution, and (5)
& Evolution Plant Biology

BIOLSCI 2C Intro Biology: (5) BIO 9A & Molecular, Cellular, and (5)
Biodiversity & the Tree Animal Biology

of Life BIO 9B Ecology, Evolution, and (5)
Plant Biology

CHEM	2B	Genl Chemistry	(5)	CHEM   CHEM	_	General Chemistry I (5) General Chemistry II (5)	•
CHEM	2C	Genl Chemistry AND	(5)	CHEM	1B	General Chemistry II (5) AND	)
CHEM	8A	Organic Chem-Brief	(2)	:	12A 12AL	© Organic Chemistry I (3) Organic Chemistry (2) Laboratory I	•
CHEM	8B	Organic Chem-Brief	(4)	!	12B 12BL	& Organic Chemistry II (3)	
MATH	17A	Calculus for BioSci	(4)			ARTICULATED: College has not course(s) for articulation	t
MATH	17B	Calculus for Biosci	(4)			ARTICULATED: College has not course(s) for articulation	C.
MATH	17C	Calculus for BioSci	(4)	!		ARTICULATED: College has not course(s) for articulation	C
		OR		Ì		OR	
MATH	21A	Calculus	(4)	MATH 	5A	Analytic Geometry and (5) Calculus I	)
MATH	21B	Calculus	(4)	MATH   	5B	Analytic Geometry and (5) Calculus II	)
PHYSI	ICS 7A	General Physics	(4)	PHYS	_	General Physics I (4) General Physics II (4)	•
PHYSI	ICS 7B	General Physics	(4)	PHYS PHYS	2A <u>&amp;</u>		)
PHYSI	ICS 7C	General Physics	(4)	1	2A <u>&amp;</u>	General Physics I (4)	)
T+ 1-	, biah	1					

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

		OR					OR	
PHYSICS S	9A	Classical	Physics	(5)	PHYS	4A	Physics for Scientists and Engineers I	(5)
PHYSICS S	9В	Classical	Physics	(5)	PHYS	4C	Physics for Scientists and Engineers III	(5)
PHYSICS S	9C	Classical	Physics	(5)	PHYS	4B	Physics for Scientists and Engineers II	(5)

# STRONGLY RECOMMENDED:

EVOL&EC 12	Life in the Sea	(3) NO COMPARABLE COURSE				
GEOLOGY 16	The Oceans	(3) OCEAN 10	Introduction to Oceanography	(4)		

### END OF MAJOR

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

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

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

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

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

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

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

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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 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	ZA Intro Biology:Life on Earth	(5)	  BIO 9A	Molecular, Cellular, and (5) Animal Biology
BIOLSCI		(5)	  BIO 9B 	Ecology, Evolution, and (5) Plant Biology
BIOLSCI	2C Intro Biology:		BIO 9A &	Molecular, Cellular, and (5)
	Biodiversity & the Tree of Life	2	  BIO 9B 	Animal Biology Ecology, Evolution, and (5) Plant Biology
	Genl Chemistry		CHEM 1A	
CHEM 2B	Genl Chemistry	(5)		General Chemistry I (5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B CHEM 1B	
MATH 16A	Short Calculus	(3)	MATH 18	Business Calculus (4)
			<u>OR</u>  MATH 5A	Analytic Geometry and (5)
			MAIH JA	Calculus I
MATH 16B	Short Calculus	(3)	MATH 5A	Analytic Geometry and (5)
		, ,	İ	Calculus I
MATH 16C	Short Calculus	(3)	MATH 5B	Analytic Geometry and (5) Calculus II
	OR		İ	OR
MATH 17A	Calculus for BioSci	(4)		ARTICULATED: College has not
				course(s) for articulation
MATH 17B	Calculus for Biosci	(4)		ARTICULATED: College has not
		( 4 )		course(s) for articulation
MATH 17C	Calculus for BioSci	(4)		ARTICULATED: College has not course(s) for articulation
	OR		Submitted	OR
MATH 21A	*==	(4)	MATH 5A	Analytic Geometry and (5)
		` ,		Calculus I
MATH 21B	Calculus	(4)	MATH 5B	
				Calculus II
MATH 21C	Calculus	(4)	MATH 5C 	Analytic Geometry and (5) Calculus III
PHYSICS	7A General Physics	(4)	PHYS 2A &	General Physics I (4)

					PHYS	2В		General	Physics	II	(4)
PHYSICS	7в	General	Physics	(4)	PHYS	2A	<u>&amp;</u>	General	Physics	I	(4)
					PHYS	2В		General	Physics	II	(4)
PHYSICS	7C	General	Physics	(4)	PHYS	2A	<u>&amp;</u>	General	Physics	I	(4)
					PHYS	2B		General	Physics	TT	(4)

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

	OR				OR	
PHYSICS 97	A Classical	Physics (5	PHYS	5 4A	Physics for Scientists and Engineers I	(5)
PHYSICS 91	B Classical	Physics (5	PHYS 	5 4C	Physics for Scientists and Engineers III	(5)
PHYSICS 90	C Classical	Physics (5	PHYS	5 4B	Physics for Scientists and Engineers II	(5)

#### STRONGLY RECOMMENDED:

EVOL&EC 1	12 Li	ife in the Sea	(3)	NO COM	/IPARABI	LE COURSE		
GEOLOGY 1	l6 Th	ne Oceans	(3)	OCEAN	10	Introduction	to	(4)
						Oceanography		

END OF MAJOR

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

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

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

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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 <a href="http://bml.ucdavis.edu/education/marine-coastal-science-undergraduate-major/">http://bml.ucdavis.edu/education/marine-coastal-science-undergraduate-major/</a> for details regarding the marine and coastal science undergraduate major.

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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.

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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		(5)	BIO 9A	Molecular, Cellular, and (5)
BIOLSCI 2B	Earth Intro Biology: Ecology & Evolution	(5)	  BIO 9B 	Animal Biology Ecology, Evolution, and (5) Plant Biology
BIOLSCI 2C		(5)	  bto 9a &	Molecular, Cellular, and (5)
DIOLDOI 20	Biodiversity & the Tree		<u>=</u>	Animal Biology
	of Life		BIO 9B	Ecology, Evolution, and (5)
			İ	Plant Biology
CHEM 2A		(5)	   CHEM 1A	General Chemistry I (5)
	2	. ,	I	General Chemistry I (5)
			CHEM 1B	General Chemistry II (5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry II (5)
MATH 16A	Short Calculus	(3)	MATH 18	Business Calculus (4)
			OR	
			MATH 5A	Analytic Geometry and (5) Calculus I
MATH 16B	Short Calculus	(3)	  MATH 5A	
		( - )		Calculus I
MATH 16C	Short Calculus	(3)	MATH 5B	Analytic Geometry and (5)
				Calculus II
	OR			OR
MATH 17A	Calculus for BioSci	(4)		ARTICULATED: College has not
MA EU 100		( 4 )		course(s) for articulation
MATH 17B	Calculus for Biosci	(4)	1	ARTICULATED: College has not
MATH 17C	Calculus for BioSci	(1)		<pre>course(s) for articulation ARTICULATED: College has not</pre>
MAIH 17C	Calculus for Bloser	(+)		course(s) for articulation
	OR		Submitteed	OR
MATH 21A	Calculus	(4)	MATH 5A	Analytic Geometry and (5)
			İ	Calculus T
MATH 21B	Calculus	(4)	MATH 5B	Analytic Geometry and (5)
				Calculus II
MATH 21C	Calculus	(4)	MATH 5C	Analytic Geometry and (5)
				Calculus III

PHYSICS	7A	General	Physics	(4)	PHYS	2A	<u>&amp;</u>	General	Physics	I	(4)
					PHYS	2В	_	General	Physics	II	(4)
PHYSICS	7B	General	Physics	(4)	PHYS	2A	<u>&amp;</u>	General	Physics	I	(4)
					PHYS	2В	_	General	Physics	II	(4)
PHYSICS	7C	General	Physics	(4)	PHYS	2A	<u>&amp;</u>	General	Physics	I	(4)
					PHYS	2B		General	Physics	II	(4)

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

	OR					OR	
PHYSICS 9A	Classical	Physics	(5)	PHYS	4A	Physics for Scientists	(5)
						and Engineers I	
PHYSICS 9B	Classical	Physics	(5)	PHYS	4C	Physics for Scientists	(5)
						and Engineers III	
PHYSICS 9C	Classical	Physics	(5)	PHYS	4B	Physics for Scientists	(5)
						and Engineers II	

#### STRONGLY RECOMMENDED:

EVOL&EC 12	Life in the Sea	(3) NO COMPARAE	BLE COURSE	
GEOLOGY 16	The Oceans	(3) OCEAN 10 	Introduction to Oceanography	(4)

#### END OF MAJOR

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

### Special Advising Note:

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

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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.

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

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

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END OF MAJOR

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

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

### Transfer Admission Guarantee (TAG) Note:

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

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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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# Recommended Language Preparation Note:

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

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

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

MATH	21A	Calculus	(4)	MATH 5A 	Analytic Calculus	_	and	(5)
MATH	21B	Calculus	(4)	  MATH 5B 	Analytic Calculus	Geometry a	and	(5)
MATH	21C	Calculus	(4)	  MATH 5C 	Analytic Calculus	-	and	(5)
		OR		j	OR			
MATH	17A	Calculus for BioSci	(4)	!	ARTICULATE course(s)			
MATH	17B	Calculus for Biosci	(4)	!	ARTICULATE course(s)	_		
MATH	17C	Calculus for BioSci	(4)		ARTICULATE course(s)	_		
ТТТН	21D	Vector Analysis	(4)	  матн 5С	Analytic	Geometry a	and	(5)

				Calculus III								
MATH 22B	Differntl Equations	(3)	MATH 7	Introduction to	(3)							
			İ	Differential Equations								
MATH 22AL	Lin Alg Comp Lab	(1)	ENGR 30	Computer Applications	(4)							
			İ	in Engineering								
	or equivalent basic knowledge of MATLAB.											
NOTE: Basic knowledge of MATLAB is required for both MATH 67 and 22A. Students												
	_	_		Mechanical Engineering 5 of								
	unit course Mathematics	_	_									
				· · · · · · · · · · · · · · · · · · ·								
	BOTH OF TH	E FOLL	OWING COURS	SES:								
MATH 22A	Linear Algebra	(3)	MATH 6	Introduction to Linear	(3)							
			İ	Algebra								
	AND		İ	AND								
MATH 108	Intro Abstract Math	(4)	This cours	se must be taken at UC Dav:	is							
			•									
	OR SELECT	THE F	OLLOWING CO	OURSE:								
MATH 67	Modern Linear Algebra	(4)	NO COURSE	ARTICULATED: College has n	not							
			submitted	<pre>course(s) for articulation</pre>	n							
ENG CS 32A	<pre>Intro to Programming(4)</pre>		NO COMPARA	ABLE COURSE								
Former	ly ENG CS 10											
ENGIN 6	Engr Prob Solving	(4)	ENGR 30	Computer Applications	(4)							
				in Engineering								

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

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

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

# Transfer Admission Guarantee (TAG) Note:

END OF MAJOR

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <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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### Recommended Language Preparation Note:

Modern Linear Algebra

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

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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.

MATH	21A	Calculus	(4)	MATH	5A	Analytic Geometry and Calculus I	(5)
MATH	21B	Calculus	(4)	MATH	5B	Analytic Geometry and Calculus II	(5)
MATH	21C	Calculus	(4)	MATH	5C	Analytic Geometry and Calculus III	(5)
MATH	21D	Vector Analysis	(4)	MATH	5C	Analytic Geometry and Calculus III	(5)
MATH	22B	Differntl Equations	(3)	MATH	7	Introduction to Differential Equations	(3)
MATH	22AL	Lin Alg Comp Lab	(1)	ENGR	30	Computer Applications in Engineering	(4)

# or equivalent basic knowledge of MATLAB.

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

BOTH OF THE FOLLOWING COURSES.

			OIR OF	THE LOPE	OMTING	COOKSE	D:				
MATH	22A	Linear Algebra	L	(3)	MATH	6 I	ntrodu	ction	to :	Linea	r (3)
						A	lgebra	L			
		AND						AND			
MATH	108	Intro Abstract	Math	(4)	This	course	must	be ta	ken a	at UC	Davis

### OR SELECT THE FOLLOWING COURSE:

(4) NO COURSE ARTICULATED: College has not

|submitted course(s) for articulation

			subm	itted	course(s)	for articul	ation.		
ENG CS 32A Intro to Programming(4)   Formerly ENG CS 10			NO COMPARABLE COURSE						
	OR		İ		OR				
ENGIN 6	Engr Prob Solving	(4)	ENGR 	30	Computer in Engine	Applicatior ering	ns (4)		
ECON 1A	Princ of Microecon	(4)	   ECON 	1B	Introduct Microecon		(3)		
ECON 1B	Princ of Macroecon	(4)	ECON 	1A	Introduct Macroecon		(3)		
STATIST 32	Gateway to Data Sci	ience (4)	NO C	OURSE	ARTICULATE	 D: College	has not		

END OF MAJOR

MATH 67

### ====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 <a href="transfer admission website">transfer admission website</a>. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it 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 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  $\frac{\text{http://tag.ucdavis.edu}}{\text{http://tag.ucdavis.edu}} \text{ for details regarding UC Davis TAG.}$ 

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

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

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# College Foreign Language Requirement Note:

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

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

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

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

MATH	21A	Calculus	(4)	MATH 	5A	Analytic Geometry and Calculus I	(5)
MATH	21B	Calculus	(4)	MATH	5B	Analytic Geometry and Calculus II	(5)
MATH	21C	Calculus	(4)	MATH	5C	Analytic Geometry and Calculus III	(5)
MATH	21D	Vector Analysis	(4)	MATH	5C	Analytic Geometry and Calculus III	(5)
MATH	22B	Differntl Equations	(3)	MATH	7	Introduction to Differential Equations	(3)
MATH	22AL	Lin Alg Comp Lab	(1)	ENGR	30	Computer Applications in Engineering	(4)

# 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).

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BOTH	of	THE	FOLLOWING	COURSES:
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MATH 22A	Linear Algebra	(3) MATH 6 Introduction to Linear (3)
		Algebra
	AND	AND
MATH 108	Intro Abstract Math	(4) This course must be taken at UC Davis

### OR SELECT THE FOLLOWING COURSE:

ENG CS 32A Intro to Programming(4)   NO COMPARABLE COURSE   Formerly ENG CS 10	MATH 67	Modern Linear Algebra	(4)		ARTICULATED: College has course(s) for articulati	
				NO COMPARA	ABLE COURSE	
	ENGIN 6	Engr Prob Solving	(4)	ENGR 30	Computer Applications in Engineering	(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.

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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:

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

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

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

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

\*Information for future applicants is subject to change

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <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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### 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 <a href="UC Davis General">UC Davis General</a> Catalog for additional information about the Foreign Language and Area Requirements, College of Letters and Science.

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

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

avari	available from our membree.								
MATH	21A	Calculus	(4)	   MATH 	5A	Analytic Geometry and (5 Calculus I	5)		
MATH	21B	Calculus	(4)	MATH	5B	Analytic Geometry and (5 Calculus II	5)		
MATH	21C	Calculus	(4)	MATH	5C	Analytic Geometry and (5 Calculus III	5)		
MATH	21D	Vector Analysis	(4)	MATH	5C	Analytic Geometry and (5 Calculus III	5)		
MATH	22B	Differntl Equations	(3)	MATH	7	Introduction to (3 Differential Equations	3)		
MATH	22AL	Lin Alg Comp Lab	(1)	ENGR	30	Computer Applications (4 in Engineering	1)		
		or equivalent basic kno	owle	ige of	MAT:	LAB.			
NOTE:	Basic	knowledge of MATLAB is red	quir	ed for	bot!	h MATH 67 and 22A. Students	3		
can ]	can learn it on their own, enroll in Engineering 6. Mechanical Engineering 5 or								

can learn it on their own, enroll in Engineering 6, Mechanical Engineering 5 or in the one unit course Mathematics 22AL (may be taken concurrently).

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# BOTH OF THE FOLLOWING COURSES:

MATH 22A	Linear Algebra	(3)   MATH 6 Introduction to Linear (3)
		Algebra
	AND	AND
MATH 108	Intro Abstract Math	(4) This course must be taken at UC Davis

### OR SELECT THE FOLLOWING COURSE:

		OK DILLCI		ODDONIENC C	JOIGH.		
MATH 67	Modern Linear	Algebra	(4)			ED: College for articul	
	Intro to Prog ly ENG CS 10	gramming(4)		NO COMPARA	ABLE COURSE	E	
	OR			İ	OF	₹	
ENGIN 6	Engr Prob Solv	ring	(4)	ENGR 30	Computer in Engine	Application eering	ns (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.

	PLAN 1: GENERAL	MATHE	MATICS		
PHYSICS 9A	Classical Physics	(5)	PHYS 4A	Physics for Scientists	(5)
				and Engineers I	
	PLAN 2: MATHEMA	TICS I	FOR SECONDA	RY TEACHING	
PHYSICS 7A	General Physics	(4)	PHYS 2A &	General Physics I	(4)
			PHYS 2B	General Physics II	(4)
	OR			OR	
PHYSICS 9A	Classical Physics	(5)	PHYS 4A	Physics for Scientists	(5)
				and Engineers I	
	OR		İ	OR	
STATIST 13	Elementary Statistics	(4)	MATH 12	Elementary Statistics	(5)
Same as:	STATIST 13Y		OR		
			MATH 12H	Honors Elementary	(5)
			İ	Statistics	
			OR		

PSYCH 2A Statistics for (3)
Behavioral Sciences
OR
STATIST 32 Gateway to Data Science (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation

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END OF MAJOR

# ====Mechanical Engineering B.S.====

### Special Advising Note:

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

### IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

# Special Advising Note:

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

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

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

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

IGETC: Transfer students should place highest priority on completing all requirements for their chosen engineering major. By completing the

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

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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.

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

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

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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 <a href="transfer admission website">transfer admission website</a>. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it 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.

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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

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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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MEDV-ST 20A Medieval Culture (5) NO COMPARABLE COURSE MEDV-ST 20B Medieval Culture (5) NO COMPARABLE COURSE

#### THREE COURSES FROM THE FOLLOWING:

ARTHI 1B	Mediev&Renaiss Art	(4)	AH	12 <u>&amp;</u>	Middle Ages: (3)
				_	Art/Mediterranean World
					and Europe (AD 300-1400)
			AH	13	Renaissance to Mid-19th (3)
			ĺ		Century
ARTHI 1C	Baroque to Modern Art	(4)	AH	14	Modern Art (3)
ARTHI 1E	Islamic Art &	(4)	NO	COURSE	E ARTICULATED: College has not
	Architecture		sub	mitted	d course(s) for articulation
COMPLIT 2	Major Books-Middle Ages	(4)	NO	COURSE	E ARTICULATED: College has not
	to Enlightenment		sub	mitted	d course(s) for articulation
COMPLIT 10A	Master Authors	(2)	NO	COURSE	E ARTICULATED: College has not
			sub	mitted	d course(s)for articulation
COMPLIT 10B	Master Authors	(2)	NO	COURSE	E ARTICULATED: College has not
			sub	mitted	d course(s)for articulation
COMPLIT 10C	Master Authors	(2)	NO	COURSE	E ARTICULATED: College has not
			sub	mitted	d course(s)for articulation
COMPLIT 10D	Master Authors	(2)	NO	COURSE	E ARTICULATED: College has not
			sub	mitted	d course(s)for articulation
COMPLIT 10E	Master Authors	(2)	NO	COURSE	E ARTICULATED: College has not
			sub	mitted	d course(s)for articulation
d) ENGLISH	10A Literatures in	(4)	ENG	L 46A	Major British Writers (3)
	English I: To 1700		ĺ		I
GERMAN 48	Myth & Saga	(4)	NO	COMPAR	RABLE COURSE
HISTORY 4A	Western Civ	(4)	NO	COMPAR	RABLE COURSE
HISTORY 4B	Western Civ	(4)	HIS	ST 4A	Survey of Western (3)
			İ		Civilization to 1648
HUMAN 1	Humanities Forum	(2)	NO	COURSE	E ARTICULATED: College has not
			sub	mitted	d course(s) for articulation
HUMAN 9	Don Quixote	(2)	NO	COURSE	E ARTICULATED: College has not
			sub	mitted	d course(s) for articulation
PHILOS 21	Phil Classics: Ancient	(4)	PHI	LO 6	History of Philosophy: (3)
			İ		Ancient and Medieval
PHILOS 22	Phil Classics: Modern	(4)	PHI	LO 7	History of Philosophy: (3)

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

d) If a student takes ENGL 46A at Cabrillo College, credit will be given for UC Davis's ENGLISH 10A or ENGLISH 10B, not both.

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

#### Special Advising Note:

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

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

#### REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

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

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

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

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

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

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

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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.

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

BIOLSCI 2A Intro Biology:Life on (5) BIO 9A Molecular, Cellular, and (5) Earth Animal Biology

BIOLSCI 2B Intro Biology: Ecology (5) BIO 9B Ecology, Evolution, and (5) Plant Biology

BIOLSCI 2C Intro Biology: (5) BIO 9A & Molecular, Cellular, and (5) Biodiversity & the Tree of Life BIO 9B Ecology, Evolution, and (5)

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				Plant Biology
CHEM CHEM		Genl Chemistry Genl Chemistry		CHEM 1A General Chemistry I (5)  CHEM 1A & General Chemistry I (5)  CHEM 1B General Chemistry II (5)
CHEM	8A	Organic Chem-Brief	(2)	CHEM 12A
CHEM	8B	Organic Chem-Brief	(4)	CHEM 12B & Organic Chemistry II (3)   CHEM 12BL Organic Chemistry (2)   Laboratory II
CHEM	118A	OR Org Chem, Hlth & Sci	(4)	CHEM 12A & Organic Chemistry I (3)   CHEM 12AL Organic Chemistry (2)   Laboratory I
CHEM	118B	Org Chem, Hlth & Sci	(4)	CHEM 12A & Organic Chemistry I (3)   CHEM 12AL & Organic Chemistry (2)   Laboratory I
				CHEM 12B & Organic Chemistry II (3)   CHEM 12BL Organic Chemistry (2)   Laboratory II
CHEM	118C	Org Chem, Hlth & Sci	(4)	CHEM 12B & Organic Chemistry II (3)   CHEM 12BL Organic Chemistry (2)   Laboratory II
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	21A	<b>OR</b> Calculus	(4)	OR  MATH 5A Analytic Geometry and (5)   Calculus I
MATH	21B	Calculus	(4)	MATH 5B Analytic Geometry and (5) Calculus II
PHYSI		Principles Physics Principles Physics OR		PHYS 11 Elementary Physics (4)   NO COMPARABLE COURSE   OR
PHYSI	CS 7A	General Physics	(4)	PHYS 2A & General Physics I (4) PHYS 2B General Physics II (4)
PHYSI		General Physics		PHYS 2A & General Physics I (4) PHYS 2B General Physics II (4)
PHYSI	CS 7C	General Physics	(4)	

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

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#### 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 IIC 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.

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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:

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

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BIOLSCI 2A	Intro Biology:Life on Earth	(5)	  BIO 9A 	Molecular, Cellular, and (5) Animal Biology
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIO 9B	Ecology, Evolution, and (5) Plant Biology
BIOLSCI 2C	Intro Biology:	(5)	  BIO 9A <u>&amp;</u>	Molecular, Cellular, and (5)
	Biodiversity & the Tree of Life		  BIO 9B 	Animal Biology Ecology, Evolution, and (5) Plant Biology
CHEM 2A	Genl Chemistry		CHEM 1A	General Chemistry I (5)
CHEM 2B	Genl Chemistry	(5)	CHEM IA &    CHEM 1B	General Chemistry I (5) General Chemistry II (5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	
CHEM 8A	Organic Chem-Brief	(2)	CHEM 12A  CHEM 12AL	© Organic Chemistry I (3) Organic Chemistry (2) Laboratory I
CHEM 8B	Organic Chem-Brief	(4)	CHEM 12B	
	OR		CHEM 12BL	Organic Chemistry (2) Laboratory II OR
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 12A	& Organic Chemistry I (3)
			CHEM 12AL	Organic Chemistry (2) Laboratory I
CHEM 118B	Org Chem, Hlth & Sci	(4)	  CHEM 12A	& Organic Chemistry I (3)
			CHEM 12AL	<b>№</b> Organic Chemistry (2)
			CUEM 12D	Laboratory I
			CHEM 12B  CHEM 12BL	_
				Laboratory II
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 12B	© Organic Chemistry II (3)
			CHEM 12BL 	Organic Chemistry (2) Laboratory II
 MATH 17A	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not
		(4)		course(s) for articulation
MATH 17B	Calculus for Biosci	(4)		ARTICULATED: College has not course(s) for articulation
MATH 17C	Calculus for BioSci	(4)		ARTICULATED: College has not
			submitted	course(s) for articulation
MATH 21A	<b>OR</b> Calculus	(4)	  MATH 5A	OR Analytic Geometry and (5)
			j	Calculus I
MATH 21B	Calculus	(4)	MATH 5B 	Calculus II
PHYSICS 7A	General Physics	(4)		General Physics I (4)
			PHYS 2B	General Physics II (4)
PHYSICS 7B	General Physics	(4)	PHYS 2A & PHYS 2B	-
PHYSICS 7C	General Physics	(4)		General Physics II (4) General Physics I (4)

PHYS 2B General Physics II (4)

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

MIC BIO 91 Intro Research (1) NO COURSE ARTICULATED

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#### RECOMMENDED:

MATH 21C Calculus (4) MATH 5C Analytic Geometry and (5) Calculus III

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END OF MAJOR

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

#### Special Advising Note:

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

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

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

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

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

HISTORY	6	Intro to Middle East	(4)	NO	COMPARA	ABLE COURSE			
HISTORY	8	Indian Civilization	(4)	ИО	COURSE	ARTICULATED:	College	has	not
				suk	omitted	course(s)for	articula	atior	า

	TWO	YEARS (OR THE EQUIVALENT)	OF A	ABIC, HEBREW, OR HI	NDI/URDU:
ARABIC	1	Elementary Arabic	(5)	NO COURSE ARTICULAT	ED: College has not
				<pre>submitted course(s)</pre>	for articulation
ARABIC	2	Elem Arabic	(5)	NO COURSE ARTICULAT	ED: College has not
				<pre>submitted course(s)</pre>	for articulation
ARABIC	3	Elem Arabic	(5)	NO COURSE ARTICULAT	
				<pre>submitted course(s)</pre>	
ARABIC	21	Intermed Arabic	(4)	NO COURSE ARTICULAT	
				<pre>submitted course(s)</pre>	
ARABIC	22	Intermed Arabic	(4)	NO COURSE ARTICULAT	_
				submitted course(s)	
ARABIC	23	Intermed Arabic	(4)	NO COURSE ARTICULAT	
				submitted course(s)	for articulation
		OR		O	= =
HEBREW	1	Elem Hebrew	(5)	NO COURSE ARTICULAT	_
				submitted course(s)	
HEBREW	2	Elem Hebrew	(5)	NO COURSE ARTICULAT	5
	_			submitted course(s)	
HEBREW	3	Elem Hebrew	(5)	NO COURSE ARTICULAT	
				submitted course(s)	
HEBREW	21	Intermed Modern Hebrew I	(4)	NO COURSE ARTICULAT	2
				submitted course(s)	
HEBREW	22	Intermed Modern Hebrew II	(4)	NO COURSE ARTICULAT	
				submitted course(s)	
HEBREW	23	Intermed Modern Hebrew III	(4)		
	. 1	OR	<i>(</i> <b>-</b> <i>)</i>	01	
HIN-URD	) Т	Elem Hindi/Urdu I	(5)	NO COURSE ARTICULAT	
HIN-URD		Elem Hindi/Urdu II	<i>(</i> <b>Г</b> <i>)</i>	submitted course(s)	
HIN-UKD	)	Elem Hindi/Ordu II	(5)	NO COURSE ARTICULAT	2
IIIN IIDD		Elem Hindi/Urdu III	<i>(</i> <b>Г</b> <i>)</i>	submitted course(s)	
HIN-URD	) 3	Elem Hindi/Ordu III	(5)	NO COURSE ARTICULAT: submitted course(s)	2
HIN-URD	v 21	Intermed Hindi/Urdu I	(1)	NO COURSE ARTICULAT	
HIN-ORD	, 21	Intermed Hindi/Ordu i	(4)	submitted course(s)	_
HIN-URD		Intermed Hindi/Urdu II	(1)	NO COURSE ARTICULAT	
HIN-OKD	, 22	intermed Hindi/Ordu ii	(+)	submitted course(s)	
HIN-URD	) 22	Intermed Hindi/Urdu III	(4)	NO COURSE ARTICULAT	
IIII – OKD	, 43	Intermed mindi/ordu ili	( = )	submitted course(s)	

OTHER MIDDLE EAST/SOUTH ASIA STUDIES REGIONAL LANGUAGES ACCEPTED WITH PETITION.

# \_\_\_\_\_\_ ADDITIONAL ELECTIVES:

ARTHI 1E	Islamic Art &	(4)	NO COURSE ARTICULATED: College has not
	Architecture		submitted course(s) for articulation
CLASSIC 1	N East/Early Gr	(4)	NO COMPARABLE COURSE
COMPLIT 53B	Lit of South Asia	(4)	NO COMPARABLE COURSE
COMPLIT 53C	Lit of the Islamic	(4)	NO COURSE ARTICULATED: College has not
	World		submitted course(s) for articulation
REL STD 21	The Bible	(4)	NO COMPARABLE COURSE
REL STD 23	Intro Judaism	(4)	NO COMPARABLE COURSE
REL STD 60	Introduction to Islam	(4)	NO COMPARABLE COURSE
REL STD 65C	The Qur'an and Its	(4)	NO COURSE ARTICULATED: College has not
	Interpretation		submitted course(s) for articulation
REL STD 68	Hinduism	(4)	NO COURSE ARTICULATED: College has not

#### END OF MAJOR

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

#### Special Advising Note:

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

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

### Diagnostic Examination Note:

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

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

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

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

MUSIC 17A	Intermediate (		CREDIT TO BE DETERMINED BY UC DAVIS
	Musicianship	ĺ	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

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

### Special Advising Note:

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

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

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

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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.

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

N A STD 1 Intro NA Studies (4) NO COMPARABLE COURSE

N A STD 10 NA Experience (4) NO COMPARABLE COURSE

OR OR

N A STD 12 Native Amer/Indigenous (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation

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#### 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	Intro Afro Studies	(4) NO COMPARABLE COURSE	
AF-AMST 52	Afr Tradit Relig	(4) NO COMPARABLE COURSE	
ANTHRO 2	Cultural Anthropology	(5) ANTHR 2 Introduction to	(3)

			Anthropology: Cultural
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	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s)for articulation
A A STD 2	Contemp Issues of Asian	(4)	NO COMPARABLE COURSE
	Americans		
A A STD 4	Asian Amer Cultural	(4)	NO COURSE ARTICULATED: College has not
	Studies		submitted course(s) for articulation
CHICANO 10	Intro to Chic Std	(4)	HIST 21A Chicano History to (3)
			1865
			OR OR
			HIST 21AH Honors Chicano (3)
			History to 1865
CHICANO 21	Hlth Care Issues	٠,	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	(3)	NO COMPARABLE COURSE
	Environment		
	_		ents who have completed ENV S&P 1
HISTORY 7A	Latin America to 1700		HIST 16A Latin America to 1825 (3)
HISTORY 7B	Latin America 1700-1900	(4)	HIST 16A $\underline{\&}$ Latin America to 1825 (3)
			HIST 16B Latin America since (3)
			1825
HISTORY 7C	Latin America	(4)	NO COURSE ARTICULATED: College has not
	1900-Present		submitted course(s) for articulation
HISTORY 17A	U.S. History	(4)	HIST 17A United States History (3)
			to 1865
LINGUIS 1	Intro Linguistics	(4)	NO COMPARABLE COURSE
END OF MAJOR			

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

# IMPORTANT ADVISORY FOR FALL 2018 APPLICANTS:

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

END OF MAJOR

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

#### Special Advising Note:

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

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

# REQUIREMENTS FOR ADMISSION:

(for 2019-20)

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.50

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

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

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

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

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

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

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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.

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

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

BIOLSCI 2B BIOLSCI 2C	Earth Intro Biology: Ecology & Evolution Intro Biology: Biodiversity & the Tree of Life		  BIO 9B    BIO 9A <u>&amp;</u>  BIO 9B	Animal Biology Ecology, Evolution, and (5) Plant Biology Molecular, Cellular, and (5) Animal Biology Ecology, Evolution, and (5) Plant Biology
CHEM 2A CHEM 2B	Genl Chemistry Genl Chemistry			General Chemistry I (5) General Chemistry I (5) General Chemistry II (5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry II (5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM 12A  CHEM 12AL 	© Organic Chemistry I (3) Organic Chemistry (2) Laboratory I
СНЕМ 8В	Organic Chem-Brief	(4)	CHEM 12B  CHEM 12BL 	© Organic Chemistry II (3) Organic Chemistry (2) Laboratory II
CHEM 118A	OR Org Chem, Hlth & Sci	(4)	  CHEM 12A  CHEM 12AL 	
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 12A CHEM 12AL	& Organic Chemistry I (3)
			CHEM 12B  CHEM 12BL 	& Organic Chemistry II (3)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 12B CHEM 12BL	
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  OR	(4)	NO COURSE	ARTICULATED: College has not course(s) for articulation  OR
MATH 21A	Calculus	(4)	  MATH 5A 	
MATH 21B	Calculus	(4)	  MATH 5B 	
PHYSICS 7A	General Physics	(4)	PHYS 2A &	General Physics I (4) General Physics II (4)
PHYSICS 7B	General Physics	(4)	PHYS 2A &	General Physics I (4)
PHYSICS 7C	General Physics	(4)	PHYS 2B   PHYS 2A &   PHYS 2B	General Physics I (4)

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

# END OF MAJOR

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

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

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

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

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

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer admission. See the UC Transfer Admission website. The courses used for the A&ES English Composition Requirement and those chosen for admission may be the

same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

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

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIO 9A 	Molecular, Cellular, and Animal Biology	(5)
BIOLSCI 2B	<pre>Intro Biology: Ecology &amp; Evolution</pre>	(5)	  BIO 9B 	Ecology, Evolution, and Plant Biology	(5)
BIOLSCI 2C	Intro Biology:	(5)	BIO 9A &	Molecular, Cellular, and	(5)
	Biodiversity & the Tree			Animal Biology	<b>/ -</b> \
	of Life		BIO 9B 	Ecology, Evolution, and Plant Biology	(5)
CHEM 2A	Genl Chemistry	(5)	  CHEM 1A	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	٠,	I	General Chemistry I	(5)
	-		CHEM 1B		(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry II	(5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM 12A	& Organic Chemistry I	(3)
			CHEM 12AL	5	(2)
CHEM 8B	Organic Chem-Brief	(1)	  Спем 10Б	Laboratory I  & Organic Chemistry II	(3)
CHEM OB	Organic Chem-Brier	(4)	CHEM 12B		(2)
				Laboratory II	( - )
	OR			OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 12A		(3)
			CHEM 12AL	Organic Chemistry Laboratory I	(2)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 12A	<del>-</del>	(3)
			CHEM 12AL	_	(2)
			ļ	Laboratory I	
			CHEM 12B		(3)
			CHEM 12BL	Organic Chemistry Laboratory II	(2)
	OR		 	OR	
CHEM 128A	Organic Chemistry	(3)	CHEM 12A	Organic Chemistry I	(3)
CHEM 128B	Organic Chemistry	(3)	CHEM 12A		(3)
100z	0 1	( O )	CHEM 12B	Organic Chemistry II	(3)
CHEM 129A	Organic Chem Lab	(2)	CHEM 12AL	Organic Chemistry Laboratory I	(2)
			 	Laboratory r	
NUTR 10	Discoveries and Concepts	(3)	CAHM 20	Nutrition	(3)
PSYCH 41	Research Methods	(4)	PSYCH 2B	Research Methods in Psychology	(4)
	OR		 	Psychology OR	
SOCIOL 46A	•	(4)	NO COMPARA	ABLE COURSE	

The remaining preparatory subject matter is based on which major option you choose:

ANTHRO 2	Cultural Anthropology OR	(5)	ANTHR 2	Introduction to Anthropology: Cultural OR	(3)
PSYCH 1	General Psychology	(4)	PSYCH 1	General Psychology	(3)
	OR		<u>OR</u>  PSYCH 1H   	Honors General Psychology OR	(3)
SOCIOL 1	Intro Sociology	(5)	SOC 1       OR	Introduction to Sociology: Understanding Society	(3)
	O.D.		SOC 1H	Honors Introduction to Sociology: Understanding Society OR	(3)
SOCIOL 3	OR Social Problems	(4)	SOC 2	_	(3)
			<u>OR</u>  SOC 2H 	Honors Contemporary Social Problems	(3)
MATH 16A	Short Calculus	(3)	MATH 18   <b>OR</b>	Business Calculus	(4)
			MATH 5A	Analytic Geometry and Calculus I	(5)
MATH 16B	Short Calculus	(3)		Analytic Geometry and Calculus I	(5)
PHYSICS 1A PHYSICS 1B	Principles Physics Principles Physics	(3)	PHYS 11	Elementary Physics ABLE COURSE	(4)
ANTHRO 2	NUTRITION IN Cultural Anthropology			OPTION: Introduction to	(3)
	OR		 	Anthropology: Cultural OR	
SOCIOL 1	Intro Sociology	(5)	soc 1		(3)
	OR		<u>OR</u>  SOC 1H   	Honors Introduction to Sociology: Understanding Society OR	(3)
SOCIOL 3	Social Problems	(4)	SOC 2	Contemporary Social Problems	(3)
			<u>OR</u>  SOC 2H 	Honors Contemporary Social Problems	(3)
ECON 1A	Princ of Microecon	(4)	ECON 1B	Introduction to Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	  ECON 1A 	Introduction to Macroeconomics	(3)
PSYCH 1	General Psychology	(4)	PSYCH 1	General Psychology	(3)
			<u>OR</u>  PSYCH 1H 	Honors General Psychology	(3)

LOWER-DIVISION ELECTIVES BY AREA FOR THE NUTRITION IN PUBLIC HEALTH OPTION: Agricultural and Health Policy Area:

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# Cultural Diversity and Community Change Area:

AMR STD 55	Food in Amer Culture	(4) NO COURSE ARTICULATED: College has not
Same as:	FD S&T 55	submitted course(s) for articulation
CM&RGDE 2	Ethnicity Amer Comm	(4) NO COMPARABLE COURSE
INT AG 10	Intro Intl Ag	(4) NO COMPARABLE COURSE
	Development	

# Natural and Applied Sciences Area:

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CM&RGDE 20	Food Systems	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s)for articulation
PHILOS 15	Intro to Bioethics	(4)	NO COMPARABLE COURSE
SCI&SOC 2	Feeding the Planet	(3)	NO COMPARABLE COURSE
END OF MAJOR			

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

#### Special Advising Note:

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

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

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# Special Advising Note for future applicants:\*

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

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

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

- -Chemistry 2A/B/C or Chemistry 2AH/BH/CH
- -Chemistry 118 A/B/C or Chemistry 128A/B/C, 129A/B/C
- -Mathematics 21A/B/C/D
- -Mathematics 16A/B/C or Mathematics 17A/B/C or Mathematics 21A/B/C

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:

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

\_\_\_\_\_\_ CHEM 2A Genl Chemistry (5) CHEM 1A General Chemistry I CHEM 2B Genl Chemistry (5) CHEM 1A  $\underline{\mathbf{\&}}$  General Chemistry I CHEM 1B General Chemistry II (5)
(5) CHEM 1B General Chemistry II (5) CHEM 2C Genl Chemistry OR CHEM 2AH Honors Genl Chemistry (5) NO COMPARABLE COURSE CHEM 2BH Honors Genl Chemistry (5) NO COMPARABLE COURSE CHEM 2CH Honors Genl Chemistry (5) NO COMPARABLE COURSE PHYSICS 7A General Physics (4) PHYS 2A & General Physics I (4)
PHYS 2B General Physics II (4)
PHYSICS 7B General Physics I (4)
PHYS 2A & General Physics I (4) PHYS 2B General Physics II (4) PHYSICS 7C General Physics (4)|PHYS 2A & General Physics I (4) PHYS 2B General Physics II

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 97	A Classical	Physics (5)	PHYS	4A	Physics for Scientists	(5)
					and Engineers I	
PHYSICS 9	3 Classical	Physics (5)	PHYS	4C	Physics for Scientists	(5)

PHYSICS 9C	Classical Physics	(5)	  PHYS 4B 	and Engineers III Physics for Scientists (5) and Engineers II
MATH 16A	Short Calculus	(3)	MATH 18	Business Calculus (4)
			MATH 5A	Analytic Geometry and (5) Calculus I
MATH 16B	Short Calculus	(3)	  MATH 5A 	Analytic Geometry and (5) Calculus I
MATH 16C	Short Calculus	(3)	  MATH 5B 	
MATH 17A	OR Calculus for BioSci	(4)	NO COURSE	OR ARTICULATED: College has not
1.11111 1 7 7 1			submitted	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 COURSE	ARTICULATED: College has not course(s) for articulation
	OR	( 4 )		OR
MATH 21A	Calculus	(4)	MATH 5A 	Analytic Geometry and (5) Calculus I
MATH 21B	Calculus	(4)	MATH 5B 	Analytic Geometry and (5) Calculus II
MATH 21C	Calculus	(4)	MATH 5C 	Analytic Geometry and (5) Calculus III
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	  BIO 9A 	Molecular, Cellular, and (5) Animal Biology
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIO 9B 	Ecology, Evolution, and (5) Plant Biology
BIOLSCI 2C			  BIO 9A <u>&amp;</u>	OR Molecular, Cellular, and (5)
	Biodiversity & the Tree of Life	!	  BIO 9B 	Animal Biology Ecology, Evolution, and (5) Plant Biology
STATIST 13	Elementary Statistics STATIST 13Y	(4)	  MATH 12   <b>OR</b>	Elementary Statistics (5)
ballic as.	STATIST 131		MATH 12H	Honors Elementary (5) Statistics
			<u>OR</u>  PSYCH 2A 	Statistics for (3) Behavioral Sciences
פייאיידפיי פי	OR Gateway to Data Science	(4)	  MO COUDER	OR ARTICULATED: College has not
				course(s) for articulation
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 12A  CHEM 12AL	Organic Chemistry I (3) Organic Chemistry (2) Laboratory I
CHEM 118B	Org Chem, Hlth & Sci	(4)	!	© Organic Chemistry I (3) © Organic Chemistry (2)
			  CHEM 12B  CHEM 12BL	
CILEM 110C	Over Ohem III the Cont	( 1 )	į	Laboratory II
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 12B  CHEM 12BL 	Organic Chemistry (2) Laboratory II
CHEM 128A	<b>OR</b> Organic Chemistry	(2)	  CHEM 12A	OR Organic Chemistry I (3)
CHEM 128B	Organic Chemistry		CHEM 12A	

			CHEM	12B	Organic Chemistry II	(3)
CHEM 128C	Organic Chemistry	(3)	CHEM	12B	Organic Chemistry II	(3)
CHEM 129A	Organic Chem Lab	(2)	CHEM	12AL	Organic Chemistry	(2)
					Laboratory I	
CHEM 129B	Organic Chem Lab	(2)	CHEM	12AL 8	Organic Chemistry	(2)
					Laboratory I	
			CHEM	12BL	Organic Chemistry	(2)
					Laboratory II	
CHEM 129C	Organic Chem Lab	(2)	CHEM	12BL	Organic Chemistry	(2)
					Laboratory II	

END OF MAJOR

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

#### Special Advising Note:

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

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

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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:

The and the examination gradit religion are detailed in the HG David 2019 10

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

PHILOS 12	Intro to Symbol Logic	ERAL EMPHA (4) PHI		Logic (3)
		·		
A	ND ONE COURSE FROM ANY TH	REE OF TH	FOLLOWING AREAS	
	a. GENE	RAL PHILOS	SOPHY	
PHILOS 1	Intro to Philos	(4) PHII	O 4 Introduction Philosophy	on to (3)
		PHI		of Mind (3)
	b. ANC	IENT PHILO	эсорну	
PHILOS 21 I	Phil Classics: Ancient	(4) PHII	O 6 History of Ancient and	
	c. <u>EARLY</u>	MODERN PH	LOSOPHY	
PHILOS 22 I	Phil Classics: Modern	(4) PHII	.0 7 History of Modern	Philosophy: (3)
	d. PHIL	OSOPHY OF	MIND	
PHILOS 13G	Minds, Brains Comp	(4) NO (	COURSE ARTICULATED	:College has not
1111100 130	w/Disc		nitted course(s)for	
	е	. ETHICS	<u>.</u>	
PHILOS 14	Eth Soc Prob in Soc OR	(4) NO	COMPARABLE COURSE OR	
PHILOS 15	Intro to Bioethics	(4) NO	COMPARABLE COURSE	
PHILOS 24	OR Intro to Ethics	(4)   PHI	OR LO 10 Ethics	(3)
		PHI	<u>OR</u> LO 10H Honors Et	thics (3)
	f. PHILOS	OPHY OF SO	CIENCE	
PHILOS 30	Intro Philos of Sci	(4) NO (	COMPARABLE COURSE	
PHILOS 31	<b>OR</b> Scientific Reason	(4) NO (	OR COMPARABLE COURSE	
PHILOS 32	<b>OR</b> Scientific Change	(4) NO (		
PHILOS 38	OR Intro Philos of Biol g. PHILOS			
PHILOS 17	Language, Thought & World		COURSE ARTICULATED	
		-LAW EMPH	ASIS	
	Eth Soc Prob in Soc Intro to Bioethics			

PHILOS 16	Phil Foundations of Amer Democ	(4)	!	ARTICULATED: College h	
	ALL OF THE F	OLLO	WING COURS	ES:	
	Critical Reasoning		İ	Critical Thinking	
PHILOS 12	Intro to Symbol Logic	(4)	PHILO 12	Symbolic Logic	(3)
PHILOS 24	Intro to Ethics	(4)	PHILO 10	Ethics	(3)
			OR		
			PHILO 10H	Honors Ethics	(3)
	ONE COURSE FR	OM T			
PHILOS 24	Intro to Ethics		OR		(3)
				Honors Ethics	(3)
	Intro Philos of Sci	(4)	NO COMPAR	ABLE COURSE	(3)
PHILOS 31	Scientific Reason	(4) (4)	NO COMPAR	ABLE COURSE ABLE COURSE	(3)
PHILOS 31		(4) (4)	NO COMPAR	ABLE COURSE ABLE COURSE	(3)
PHILOS 31	Scientific Reason	(4) (4) (4)	NO COMPAR NO COMPAR NO COMPAR	ABLE COURSE ABLE COURSE ABLE COURSE	(3)
PHILOS 31 PHILOS 32 PHILOS 12	Scientific Reason Scientific Change	(4) (4) (4)  (OLLO) (4)	NO COMPAR NO COMPAR NO COMPAR WING COURS PHILO 12	ABLE COURSE ABLE COURSE ABLE COURSE ES: Symbolic Logic	
PHILOS 31 PHILOS 32 PHILOS 12 PHILOS 15	Scientific Reason Scientific Change	(4) (4) (4)  OLLOI (4) (4)	NO COMPAR NO COMPAR NO COMPAR WING COURS PHILO 12 NO COMPAR	ABLE COURSE ABLE COURSE ABLE COURSE ES: Symbolic Logic ABLE COURSE	

END OF MAJOR

# ====Physics A.B.====

#### Special Advising Note:

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

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

# Special Advising Note for future applicants:\*

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

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

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

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

\*Information for future applicants is subject to change

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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
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.

PHYSICS 9A	Classical Physics	(5)	!	Physics for Scientists and Engineers I	(5)
PHYSICS 9B	Classical Physics	(5)	!	Physics for Scientists and Engineers III	(5)
PHYSICS 9C	Classical Physics	(5)	!	Physics for Scientists and Engineers II	(5)
PHYSICS 9D	Modern Physics	(4)	PHYS 4D M	Modern Physics	(3)
	OR		İ	OR	
PHYSICS 9HA	Honors Physics	(5)	NO COMPARABI	LE COURSE	
PHYSICS 9HB	Honors Physics	(5)	NO COMPARABI	LE COURSE	
PHYSICS 9HC	Honors Physics	(5)	NO COMPARABI	LE COURSE	
PHYSICS 9HD	Honors Physics	(5)	NO COMPARABI	LE COURSE	
PHYSICS 9HE	Honors Physics	(5)	NO COMPARABI	LE COURSE	
MATH 21A	Calculus	(4)	!	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	!	Analytic Geometry and Calculus II	(5)
MATH 21C	Calculus	(4)	!	Analytic Geometry and Calculus III	(5)

MATH 21D	Vector Analysis	(4)	MATH 5	5C	Analytic Geometry and Calculus III	(5)
MATH 22A	Linear Algebra	(3)	MATH 6		Introduction to Linear Algebra	(3)
MATH 22B	Differntl Equations	(3)	MATH 7		Introduction to Differential Equations	(3)
PHYSICS 80	Experimental Techniques	(4)	NO COU	URSE	ARTICULATED	

END OF MAJOR

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

#### Special Advising Note:

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

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

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### 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

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

PHYSICS 9A	Classical Physics	(5)	PHYS 4 <i>F</i> 	Physics for Scientists and Engineers I	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS 40		(5)
PHYSICS 9C	Classical Physics	(5)	PHYS 4E	_	(5)
PHYSICS 9D	Modern Physics OR	(4)	PHYS 41	Modern Physics OR	(3)
PHYSICS 9HA	Honors Physics	(5)	NO COME	PARABLE COURSE	
PHYSICS 9HB	Honors Physics	(5)	NO COME	PARABLE COURSE	
PHYSICS 9HC	Honors Physics		1	PARABLE COURSE	
	Honors Physics	(5)	NO COME	PARABLE COURSE	
PHYSICS 9HE	Honors Physics	(5)	NO COME	PARABLE COURSE	
MATH 21A	Calculus	(4)	  МАТН 5 <i>1</i> 	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	МАТН 5E 	Analytic Geometry and Calculus II	(5)
MATH 21C	Calculus	(4)	МАТН 50 	C Analytic Geometry and Calculus III	(5)
MATH 21D	Vector Analysis	(4)	МАТН 50 	C Analytic Geometry and Calculus III	(5)
MATH 22A	Linear Algebra	(3)	MATH 6 	Introduction to Linear Algebra	(3)
MATH 22B	Differntl Equations	(3)	MATH 7	Introduction to	(3)
			ĺ	Differential Equations	
PHYSICS 40	Intr Physics Computation	(4)	NO COUF	RSE ARTICULATED	
PHYSICS 80	Experimental Techniques	(4)	NO COUF	RSE 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:

#### END OF MAJOR

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

#### Special Advising Note:

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

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

### REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

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

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

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

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

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

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

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

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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.

Intergermental Congral Education Transfer Curriculum (ICETC)/ HC Davis Congral

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

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

BIOLSCI	2A	<pre>Intro Biology:Life on Earth</pre>	(5)	BIO	9A	Molecular, Cellular, and Animal Biology	(5)
BIOLSCI	2B	<pre>Intro Biology: Ecology &amp; Evolution</pre>	(5)	BIO :	9В	Ecology, Evolution, and Plant Biology	(5)
BIOLSCI	2C	<pre>Intro Biology: Biodiversity &amp; the Tree</pre>	. ,	BIO	9A <u>&amp;</u>	Molecular, Cellular, and Animal Biology	(5)
		of Life		BIO	9B	Ecology, Evolution, and Plant Biology	(5)
CHEM 2A	Gei	nl Chemistry	(5)	CHEM	 1∆	General Chemistry I	(5)
			( )			CONTRACT CHICKER OF T	( )
CHEM 2B		nl Chemistry	. ,	!	1A &	General Chemistry I	(5)
CHEM 2B		-	. ,	СНЕМ		General Chemistry I	,
CHEM 2B	Gei	-	(5)	СНЕМ	1A <u>&amp;</u> 1B	General Chemistry I General Chemistry II	(5)
	Gei	nl Chemistry	(5)	CHEM CHEM CHEM	1A <u>&amp;</u> 1B	General Chemistry I General Chemistry II & Organic Chemistry I	(5) (5)
	Gei	nl Chemistry	(5)	CHEM CHEM CHEM	1A <u>&amp;</u> 1B 12A	General Chemistry I General Chemistry II & Organic Chemistry I	(5) (5) (3)
	Gei Org	nl Chemistry	(5)	CHEM CHEM CHEM CHEM	1A <u>&amp;</u> 1B 12A 12AL	General Chemistry I General Chemistry II Organic Chemistry I Organic Chemistry Laboratory I	(5) (5) (3)

				Laboratory II	
STATIST 1	3 Elementary s: STATIST 13Y	Statistics	(4)   MATH 12   OR	Elementary Statistics	(5)
Zame a	2 2211222 201		MATH 12H	Honors Elementary Statistics	(5)
			PSYCH 2A	Statistics for Behavioral Sciences	(3)
		RECOMMEND	ED COURSES:		
CHEM 2C	Genl Chemistry	7	(5)   CHEM 1B	General Chemistry II	(5)
END OF MA	 JOR				

#### ====Plant Biology B.S.====

#### Special Advising Note:

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

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

# REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

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

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

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

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

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

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

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

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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.

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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)	BIO	9A	Molecular, Cellular, and Animal Biology	(5)
BIOLSCI	2B	<pre>Intro Biology: Ecology &amp; Evolution</pre>	(5)	BIO :	9В	Ecology, Evolution, and Plant Biology	(5)
BIOLSCI	2C	Intro Biology: Biodiversity & the Tre		BIO :	9A <u>&amp;</u>	Molecular, Cellular, and Animal Biology	(5)
		of Life		BIO	9B	Ecology, Evolution, and Plant Biology	(5)
CHEM 2A CHEM 2B		enl Chemistry enl Chemistry		CHEM	1A 1A &	General Chemistry I General Chemistry I	(5) (5)
CHEM 2C	Ge	enl Chemistry	(5)	! -	1B 1B	<u>-</u>	(5) (5)
CHEM 8A	Or	ganic Chem-Brief	(2)	:	12A 12AL	© Organic Chemistry I Organic Chemistry Laboratory I	(3)
CHEM 8B	Or	ganic Chem-Brief	(4)	!	12B 12BL	-	(3)

			Laboratory II
	OR		OR
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 12A $\underline{\&}$ Organic Chemistry I (3)
			CHEM 12AL Organic Chemistry (2)
			Laboratory I
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 12A $&$ Organic Chemistry I (3)
			CHEM 12AL $\underline{\&}$ Organic Chemistry (2)
			Laboratory I
			CHEM 12B $\underline{\&}$ Organic Chemistry II (3)
			CHEM 12BL Organic Chemistry (2)
			Laboratory II
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 12B $\underline{\&}$ Organic Chemistry II (3)
			CHEM 12BL Organic Chemistry (2)
			Laboratory II
 MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not
MAIH I/A	Calculus for Bloser	(4)	submitted course(s) for articulation
MATH 17B	Calculus for Biosci	(1)	NO COURSE ARTICULATED: College has not
MAIH 17B	Calculus for Bloser	( 4 )	submitted course(s) for articulation
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not
MAIN 17C	carcaras for brober	(1)	submitted course(s) for articulation
	OR		OR
MATH 21A	Calculus	(4)	MATH 5A Analytic Geometry and (5)
		( - /	Calculus I
MATH 21B	Calculus	(4)	MATH 5B Analytic Geometry and (5)
		, ,	Calculus II
PHYSICS 7A	General Physics	(4)	PHYS 2A $\underline{\&}$ General Physics I (4)
			PHYS 2B General Physics II (4)
PHYSICS 7B	General Physics	(4)	PHYS 2A $\underline{\&}$ General Physics I (4)
			PHYS 2B General Physics II (4)
PHYSICS 7C	General Physics	(4)	PHYS 2A & General Physics I (4)
			PHYS 2B General Physics II (4)

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

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#### **RECOMMENDED COURSES:**

BIOLSCI 20Q	Modeling in Biology	(2) NO COURSE ARTICULATED: College has no	٠t
		submitted course(s) for articulation	
MATH 21C	Calculus	(4)   MATH 5C Analytic Geometry and (5	)
		Calculus 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  $\frac{\text{highly recommended}}{\text{Preparing well for}}$  that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

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

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

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

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

avaliable ii	Tom our TAG Website.			
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	  BIO 9A 	Molecular, Cellular, and (5) Animal Biology
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		Ecology, Evolution, and (5) Plant Biology
	Bot Physio Cul Plt	(4)	NO COMPARA	ABLE COURSE
CHEM 2A C	Genl Chemistry	(5)	CHEM 1A	General Chemistry I (5)
CHEM 2B (	Genl Chemistry	(5)	CHEM IA &	General Chemistry I (5) General Chemistry II (5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry I (5) General Chemistry II (5) General Chemistry II (5)
CHEM 8A (	Organic Chem-Brief	(2)	CHEM 12A  CHEM 12AL	Organic Chemistry (2)
CHEM 8B (	Organic Chem-Brief	(4)	  CHEM 12B	Laboratory I & Organic Chemistry II (3)
	OR		CHEM 12BL	
CHEM 118A	Org Chem, Hlth & Sci	(4)	  CHEM 12A	& Organic Chemistry I (3)
		( - /	CHEM 12AL	
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 12A	
			CHEM 12AL	
			  CHEM 12B	Laboratory I & Organic Chemistry II (3)
			CHEM 12BL	
			į	Laboratory II
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 12B	
			 	Organic Chemistry (2) Laboratory II
MATH 16A	Short Calculus	(3)	  MATH 18   <b>OR</b>	Business Calculus (4)
			MATH 5A	Analytic Geometry and (5)
		( 2 )		Calculus I
MATH 16B	Short Calculus	(3)	MATH 5A 	Analytic Geometry and (5) Calculus I
	OR		İ	OR
MATH 17A	Calculus for BioSci	(4)	!	ARTICULATED: College has not
MATH 17B	Calculus for Biosci	(4)	!	<pre>course(s) for articulation ARTICULATED: College has not</pre>
MAIII 17D	carcaras for broser	(1)		course(s) for articulation
PHYSICS 1A	Principles Physics	(3)	  PHYS 11	Elementary Physics (4)
PHYSICS 1B	Principles Physics OR		!	ABLE COURSE OR
PHYSICS 7A	General Physics	(4)	PHYS 2A &	
DUVETCE 7D	Conoral Physics	( 1 )	PHYS 2B	General Physics II (4)
PHYSICS 7B	General Physics	(4)	PHYS 2A & PHYS 2B	General Physics I (4) General Physics II (4)
PHYSICS 7C	General Physics	(4)	PHYS 2A &	
T+ ia hi~h]-	recommended that students		PHYS 2B	General Physics II (4)

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

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

ABIOSYT 49 Fld Equip Oper (2) NO COMPARABLE COURSE

OR OR

PL SCI 49 Org Crop Prod Prac (3) HORT 71 Organic Food Production (4)

1

COURSES FOR THE CROP PRODUCTION OPTION:

ECON 1A Princ of Microecon (4) ECON 1B Introduction to (3)

Microeconomics

OR

AGRESEC 15 Pop, Envr, World Agri (4) NO COURSE ARTICULATED: College has not

|submitted course(s) for articulation

END OF MAJOR

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

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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. Preparing well for the major helps students move 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 <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.

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

a	Varrax.	 	 	WCDD							
_		 	 		 	 	 	 	 	 	

POL SCI 1 Amer Natl Govt (4) | PS 1 Introduction to Government (3)

#### THREE COURSES FROM THE FOLLOWING:

POL SCI 2 POL SCI 3 POL SCI 4 POL SCI 5 POL SCI 7	Intro Comp Politics Internatl Relations Bas Cnpt/Pol Thry Probs/Am Pol Sys Law & Politics	(4) PS 2 Comparative Government (3) (4) PS 3 International Relations (3) (4) PS 5 American Political Thought (3) (4) NO COMPARABLE COURSE (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

END OF MAJOR

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

|submitted course(s) for articulation

# Special Advising Note:

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

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

OR

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

THREE COURSES FROM THE FOLLOWING:

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		IRREE COURSES FROM	TH	c rc	DTMOMTM	G:			
POL SCI	1	Amer Natl Govt	(4)	PS	1 I	ntroduction to Government	(3)		
POL SCI	2	Intro Comp Politics	(4)	PS	2 C	omparative Government	(3)		
POL SCI	3	Intro Comp Politics Internatl Relations	(4)	PS	3 I	nternational Relations	(3)		
POL SCI	4	Bas Cnpt/Pol Thry	(4)	PS	5 A	merican Political Thought	(3)		
		ONE COURSE FROM	M T	HE F	OLLOWI	NG:			
Note: Courses listed twice may be used only once for major preparation									
POL SCI	1	Amer Natl Govt Intro Comp Politics Internatl Relations Bas Cnpt/Pol Thry	(4)	PS	1 I	ntroduction to Government	(3)		
POL SCI	2	Intro Comp Politics	(4)	PS	2 C	omparative Government	(3)		
POL SCI	3	Internatl Relations	(4)	PS	3 I	nternational Relations	(3)		
POL SCI	4	Bas Cnpt/Pol Thry	(4)	PS	5 A	merican Political Thought	(3)		
POL SCI	5	Probs/Am Pol Sys	(4)	NO	COMPAR	ABLE COURSE			
POL SCI	7	Law & Politics	(4)	NO	COMPAR	ABLE COURSE			
POL SCI	11A	America Decides	(4)	NO	COURSE	ARTICULATED: College has	not		
				sub	mitted	course(s)for articulation	า		
POL SCI	11B	Citizen Lawmaking	(4)	NO	COURSE	ARTICULATED: College has	not		
				sub	mitted	course(s) for articulation	ı		
POL SCI	11C	Politics & Film	(4)	NO	COURSE	ARTICULATED: College has	not		
				sub	mitted	course(s) for articulation	ı		
POL SCI	11D	Political Persuasion	(4)	NO	COURSE	ARTICULATED: College has	not		
				sub	mitted	course(s)for articulation	ı		
POL SCI	12A	Politics & Sports	(4)	NO	COURSE	ARTICULATED: College has	not		
				sub	mitted	course(s)for articulation	ı		
POL SCI	12B	Climate Chg & Politics	(4	)					
POL SCI	51	Scientific Study of	(4)	NO	COURSE	ARTICULATED: College has	not		
		Politics		sub	mitted	course(s) for articulation	on		
POL SCI	12Y	Data Visualization	(4)	NO	COURSE	ARTICULATED: College has	not		
Same	as: (	COMUNCN 12Y, PSYCH 12Y sub	mit	ted	course	(s)for articulation			
	SOC	IOL 12Y							
		OR		İ		OR			
STATIST	13	Elementary Statistics	(4)	MAT	TH 12	Elementary Statistics	(5)		
Same	as: S	STATIST 13Y		İ	OR				
				   MAT	H 12H	Honors Elementary	(5)		
				İ		Statistics			
				İ	OR				
				PSY	CH 2A	Statistics for	(3)		
				İ		Behavioral Sciences			
				1					

OR

END OF MAJOR

## ====Psychology A.B.====

Special Advising Note:

### REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

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

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

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

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

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

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

enrollment.

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

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

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:

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PSYCH 1	General Psychology	(4)	PSYCH 1	General Psychology	(3)
			PSYCH 1H	Honors General Psychology	(3)
PSYCH 41	Research Methods	(4)	PSYCH 2B	Research Methods in Psychology	(4)
STATIST 13 Same as:	Elementary Statistics STATIST 13Y	(4)	  MATH 12   <b>OR</b>	Elementary Statistics	(5)
			MATH 12H	Honors Elementary Statistics	(5)
			<u>OR</u>  PSYCH 2A 	Statistics for Behavioral Sciences	(3)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	  BIO 9A 	Molecular, Cellular, and Animal Biology	(5)

BIOLSCI 10 Everyday Biology	(4) BIO 11A	General Biology	(4)
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#### AND ONE COURSE FROM

ANTHRO 1 F	Human Evol	Biol	(4)	ANTHR   	1	Introduction to Anthropology: Biological		(3)
				OR				
				ANTHR	1H	Honors Introduction	to	(3)
				İ		Anthropology:		
				j		Biological		
	OR			j		OR		
MOL&CB 10	Intro Huma	n Heredity	(4)	NO CON	MPARAB1	LE COURSE		
	OR			j		OR		
NE PH B 10	Elem Huma	n Physio	(3)	BIO 5	Hur	man Physiology		(4)

====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:

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

or
*Biological Sciences 10 and one course from:
Anthropology 1 or
Molecular and Cellular Biology 10 or
Neurobiology, Physiology and Behavior 10
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Applicants to psychology apply to the major, without reference to A.B. or B.S. degrees or emphases, which are chosen after enrollment at UC Davis. Transfer students are advised that although <u>requirements for admission</u> (listed above) in the psychology major are the same for the A.B. and B.S. degree options, lower-division <u>preparation for graduation</u> in the major may vary based on the degree and emphasis. Students are encouraged to view coursework for the A.B. degree and the B.S. degree with available biological and quantitative emphases.

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

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

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

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

PSYCH 1	General Psychology	(4)   PSYCH 3	1 General Psychology	(3)
		PSYCH 1	1H Honors General Psychology	(3)
PSYCH 41	Research Methods	(4) PSYCH	1 31	(4)
STATIST 13 Same as:	Elementary Statistics STATIST 13Y	(4)   MATH 12   OR	2 Elementary Statistics	(5)
		MATH 1:	2H Honors Elementary Statistics	(5)
		<u>OR</u>  PSYCH : 	2A Statistics for Behavioral Sciences	(3)
MATH 16A	Short Calculus	(3)   MATH 18	8 Business Calculus	(4)

			<u>OR</u>  MATH 5A	Analytic Geometry and (5	= \
			MAIH JA	Calculus I	) )
MATH 16B	Short Calculus OR	(3)	MATH 5A   	Analytic Geometry and (5 Calculus I OR	5)
MATH 17A	Calculus for BioSci	(4)		ARTICULATED: College has no	
MATH 17B	Calculus for Biosci	(4)	NO COURSE	course(s) for articulation ARTICULATED: College has no course(s) for articulation	ot
MATH 21A	OR Calculus	(4)	  MATH 5A 	OR Analytic Geometry and (5 Calculus I	5)
MATH 21B	Calculus	(4)	  MATH 5B 		5)
PHYSICS 10	Topics,Nonscientists OR	(4)	  PHYS 10 	Introduction to Physics (3	3)
PHYSICS 10C	Physics of California	(3)		ARTICULATED: College has no course(s) for articulation	ot
DIMIGIAG EN	OR .	(4)		OR	4 \
PHYSICS 7A	General Physics		·	General Physics I (4 General Physics II (4	
PHYSICS 7B	General Physics	(4)	PHYS 2A &	General Physics I (4	
	y recommended that students		PHYS 2B	<del>-</del>	1)
series may k	re transferring. Students we required to take addition will need to meet with a UC	onal	physics co vis adviso		
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIO 9A 	Molecular, Cellular, and (5 Animal Biology	ō)
BIOLSCI 2B	Intro Biology: Ecology	(5)	BIO 9B	Ecology, Evolution, and (5	5)
BIOLSCI 2C	& Evolution Intro Biology:	(5)	  BIO 9A &	Plant Biology Molecular, Cellular, and (5	5)
	Biodiversity & the Tree		     DTO OD	Animal Biology	- \
	of Life		BIO 9B   	Ecology, Evolution, and (5 Plant Biology	> <i>)</i>
CHEM 2A C	Genl Chemistry			General Chemistry I (5	5)
CHEM 2B	Genl Chemistry	(5)		General Chemistry I (5	
			CHEM 1B 	General Chemistry II (5	5) 
CHEM 8A (	Organic Chem-Brief	(2)	CHEM 12A CHEM 12AL	Organic Chemistry I (3 Organic Chemistry (2 Laboratory I	
CHEM 8B	Organic Chem-Brief	(4)	CHEM 12B	& Organic Chemistry II (3	3)
	OR		CHEM 12BL 	Organic Chemistry (2 Laboratory II OR	2)
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 12A		3)
			CHEM 12AL	Organic Chemistry (2 Laboratory I	2)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 12A  CHEM 12AL	© Organic Chemistry (2	
			  CHEM 12B	Laboratory I  & Organic Chemistry II (3	۷ ۱
	2=		CHEM 12BL	Organic Chemistry (2 Laboratory II	
CHEM 128A	OR Organic Chemistry	(3)	  CHEM 12A	OR Organic Chemistry I (3	3)
	- J	/	1	- 5	. ,

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 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.

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.

Tabana mantal Garagal Education Thomas for Gunniculum (TGETG) / NG Pavis Garagal

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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)	PSYCH 1   OR	General Psychology	(3)
			· —	Honors General Psychology	(3)
PSYCH 41	Research Methods	(4)	PSYCH 2B	Research Methods in Psychology	(4)
	Elementary Statistics STATIST 13Y	(4)	  MATH 12   <b>OR</b>	Elementary Statistics	(5)
			į	Honors Elementary Statistics	(5)
			j	Statistics for Behavioral Sciences	(3)
MATH 21A	Calculus	(4)	MATH 5A 		(5)
MATH 21B	Calculus	(4)	MATH 5B	Analytic Geometry and Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 5C	Analytic Geometry and Calculus III	(5)
	Programming ENG CS 30	(4)	CS 11 	Introduction to Programming Concepts and Methodology, C++	(4)
			<u>OR</u>  CS 11M 	Introduction to C/C++ Programming Using Microcontrollers	(4)
			<u>OR</u>  CS 12J 	Introduction to Programming Concepts & Methodology, JAVA	(4)
			<u>OR</u>  CS 12GP 	Introduction to Programming Using Games	(4)

	and Simulations
	<u>OR</u>
	CS 20J Java Programming (4)
OR	OR
ENG CS 32A Intro to Programming(4)	NO COMPARABLE COURSE
Formerly ENG CS 10	İ

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

CHEM 10			
CHEM 2B Genl Chemistry (5) CHEM 1A & General Chemistry I (5)  OR CHEM 2AH Honors Genl Chemistry (5) NO COMPARABLE COURSE  CHEM 2AH Honors Genl Chemistry (5) NO COMPARABLE COURSE  CHEM 2BH Honors Genl Chemistry (5) NO COMPARABLE COURSE  PHYSICS 10 Topics, Nonscientists (4) PHYS 10 Introduction to Physics (3)  OR OR OR  PHYSICS 10C Physics of California (3) NO COURSE ARTICULATED: College has not submitted course(s) for articulation OR  PHYSICS 7A General Physics (4) PHYS 2B General Physics I (4) PHYS 2B General Physics II (4) PHYS 2B General Physics II (4) PHYS 2B General Physics II (4) PHYS 2B General Physics II (4) PHYS 2B General Physics II (4) PHYS 2B General Physics II (4) PHYS 2B General Physics II (4) PHYS 2B General Physics II (4) PHYS 2B General Physics II (4) PHYS 2B General Physics II (4) PHYS 2B General Physics Series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis and will need to meet with a UC Davis advisor before continuing with Physics.  BIOLSCI 2A Intro Biology: Life on (5) BIO 9A Molecular, Cellular, and (5) Animal Biology  OR A COMBINATION OF  BIOLSCI 10 Everyday Biology (4) BIO 11A General Biology (4) Anthropology: Biological OR Anthropology: Biological OR Anthropology: Biological OR OR OR OR OR OR OR OR OR OR OR OR OR		(4)	
CHEM 2B Genl Chemistry (5) CHEM 1A & General Chemistry I (5)  OR CHEM 2AH Honors Genl Chemistry (5) NO COMPARABLE COURSE  CHEM 2AH Honors Genl Chemistry (5) NO COMPARABLE COURSE  CHEM 2BH Honors Genl Chemistry (5) NO COMPARABLE COURSE  PHYSICS 10 Topics, Nonscientists (4) PHYS 10 Introduction to Physics (3)  OR OR OR  PHYSICS 10C Physics of California (3) NO COURSE ARTICULATED: College has not submitted course(s) for articulation OR  PHYSICS 7A General Physics (4) PHYS 2B General Physics I (4) PHYS 2B General Physics II (4) PHYS 2B General Physics II (4) PHYS 2B General Physics II (4) PHYS 2B General Physics II (4) PHYS 2B General Physics II (4) PHYS 2B General Physics II (4) PHYS 2B General Physics II (4) PHYS 2B General Physics II (4) PHYS 2B General Physics II (4) PHYS 2B General Physics II (4) PHYS 2B General Physics Series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis and will need to meet with a UC Davis advisor before continuing with Physics.  BIOLSCI 2A Intro Biology: Life on (5) BIO 9A Molecular, Cellular, and (5) Animal Biology  OR A COMBINATION OF  BIOLSCI 10 Everyday Biology (4) BIO 11A General Biology (4) Anthropology: Biological OR Anthropology: Biological OR Anthropology: Biological OR OR OR OR OR OR OR OR OR OR OR OR OR		(5)	·
CHEM 1B General Chemistry II (5)  OR  CHEM 2AH Honors Genl Chemistry (5) NO COMPARABLE COURSE CHEM 2BH Honors Genl Chemistry (5) NO COMPARABLE COURSE  PHYSICS 10 Topics,Nonscientists (4) PHYS 10 Introduction to Physics (3) OR  PHYSICS 10C Physics of California (3) NO COURSE ARTICULATED: College has not submitted course(s) for articulation OR  PHYSICS 7A General Physics (4) PHYS 2A & General Physics II (4) PHYS 2B GENERAL PHYSICS II (4) PHYS 2B GENERAL PHYSICS II (4) PHYS 2B GENERAL PHYSICS I			
CHEM 2AH Honors Genl Chemistry (5) NO COMPARABLE COURSE  PHYSICS 10 Topics, Nonscientists (4) PHYS 10 Introduction to Physics (3)  OR  PHYSICS 10C Physics of California (3) NO COURSE ARTICULATED: College has not submitted course(s) for articulation  OR  PHYSICS 7A General Physics (4) PHYS 2A General Physics I (4) PHYS 12 General Physics I (4) PHYS 2B General Physics II (4) PHYS 2B General Physics II (4) PHYS 2B GENERAL PHYSICS II (4) PHYS 2B GENERAL PH	4	. ,	
CHEM 2BH Honors Genl Chemistry (5) NO COMPARABLE COURSE  PHYSICS 10 Topics, Nonscientists (4) PHYS 10 Introduction to Physics (3) OR OR  PHYSICS 10C Physics of California (3) NO COURSE ARTICULATED: College has not submitted course(s) for articulation OR  PHYSICS 7A General Physics (4) PHYS 2A General Physics I (4) PHYS 18 General Physics I (4) PHYS 18 General Physics II (4) PHYS 18 General Physics II (4) PHYS 2B General Physics II (4) PHYS 2B General Physics II (4) PHYS 2B General Physics II (4) It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.	OR		
CHEM 2BH Honors Genl Chemistry (5) NO COMPARABLE COURSE  PHYSICS 10 Topics, Nonscientists (4) PHYS 10 Introduction to Physics (3) OR OR  PHYSICS 10C Physics of California (3) NO COURSE ARTICULATED: College has not submitted course(s) for articulation OR  PHYSICS 7A General Physics (4) PHYS 2A General Physics I (4) PHYS 18 General Physics I (4) PHYS 18 General Physics II (4) PHYS 18 General Physics II (4) PHYS 2B General Physics II (4) PHYS 2B General Physics II (4) PHYS 2B General Physics II (4) It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.	CHEM 2AH Honors Genl Chemistry	(5)	NO COMPARABLE COURSE
PHYSICS 10 Topics, Nonscientists (4) PHYS 10 Introduction to Physics (3) 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 2A & General Physics I (4) PHYS 10 Genera		(5)	NO COMPARABLE COURSE
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 2A & General Physics I (4) PHYS 2B General Physics II (4) PHYS 2B General Physics II (4) PHYS 2B General Physics II (4) PHYS 2B General Physics II (4) PHYS 2B General Physics II (4) PHYS 2B General Physics II (4) PHYS 2B General Physics II (4) PHYS 2B General Physics II (4) PHYS 2B General Physics II (4) It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.  BIOLSCI 2A Intro Biology: Life on (5) BIO 9A Molecular, Cellular, and (5) Animal Biology  OR A COMBINATION OF  BIOLSCI 10 Everyday Biology (4) BIO 11A General Biology (4)  AND ONE COURSE FROM  ANTHRO 1 Human Evol Biol (4) ANTHR 1 Introduction to (3) Anthropology: Biological  OR ANTHR 1H Honors Introduction to (3) Anthropology: Biological  OR ANTHR 1H Honors Introduction to (3) Anthropology: Biological  OR MOL&CB 10 Intro Human Heredity (4) NO COMPARABLE COURSE  OR NO E HB 10 Elem Human Physio (3) BIO 5 Human Physiology (4)			' 
Submitted course(s)for articulation OR  PHYSICS 7A General Physics (4) PHYS 2A & General Physics I (4) PHYS 2B General Physics II (4) PHYS 1B General Physics II (4) PHYS 2B General Physics II (4) PHYS 2B General Physics II (4) PHYS 2B General Physics II (4) It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.  BIOLSCI 2A Intro Biology:Life on (5) BIO 9A Molecular, Cellular, and (5) Earth And ONE COURSE FROM  AND ONE COURSE FROM  ANTHRO 1 Human Evol Biol (4) ANTHR 1 Introduction to (3) Anthropology: Biological OR ANTHRO 1 Human Evol Biol (4) ANTHR 1 Honors Introduction to (3) Anthropology: Biological OR ANTHRO 1 Intro Human Heredity (4) NO COMPARABLE COURSE OR NO E HUMAN Physiology (4) NO COMPARABLE COURSE OR NE PH B 10 Elem Human Physio (3) BIO 5 Human Physiology (4)		(4)	
OR PHYSICS 7A General Physics (4) PHYS 2A & General Physics I (4) PHYSICS 7B General Physics (4) PHYS 2B General Physics II (4) PHYSICS 7B General Physics (4) PHYS 2A & General Physics II (4) PHYSICS 7B General Physics (4) PHYS 2A & General Physics II (4) PHYS 2B General Physics II Physic	PHYSICS 10C Physics of California	(3)	NO COURSE ARTICULATED: College has not
PHYSICS 7A General Physics (4) PHYS 2A & General Physics I (4) PHYS 2B General Physics II (4) PHYS 2B General Physics II (4) PHYS 2B General Physics II (4) PHYS 2B General Physics II (4) PHYS 2B General Physics II (4) PHYS 2B General Physics II (4) PHYS 2B General Physics II (4) It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.  BIOLSCI 2A Intro Biology:Life on (5) BIO 9A Molecular, Cellular, and (5) Animal Biology  OR A COMBINATION OF  BIOLSCI 10 Everyday Biology (4) BIO 11A General Biology (4)  AND ONE COURSE FROM  ANTHRO 1 Human Evol Biol (4) ANTHR 1 Introduction to (3) Anthropology: Biological  OR ANTHRO 1 Honors Introduction to (3) Anthropology: Biological  OR OR  MOL&CB 10 Intro Human Heredity (4) NO COMPARABLE COURSE OR  NE PH B 10 Elem Human Physio (3) BIO 5 Human Physiology (4)			submitted course(s)for articulation
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PHYS 2B General Physics II (4)   It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire DCD 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 UCD avis, and will need to meet with a UCD Davis advisor before continuing with physics.    BIOLSCI 2A			
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their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.  BIOLSCI 2A Intro Biology:Life on (5)   BIO 9A Molecular, Cellular, and (5)   Earth   Animal Biology   Biological   OR   Animal Biology   Biological   OR   Animal Biology   Biological   OR   OR   OR   OR   OR   OR   OR   O			
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BIOLSCI 10 Everyday Biology (4)   BIO 11A General Biology (4)  ANTHRO 1 Human Evol Biol (4)   ANTHR 1 Introduction to Anthropology: Biological  OR   OR   OR    MOL&CB 10 Intro Human Heredity OR   OR    NE PH B 10 Elem Human Physio (3)   BIO 5 Human Physiology (4)		(5)	
ANTHRO 1 Human Evol Biol (4) ANTHR 1 Introduction to (3) Anthropology: Biological OR ANTHRO 1 Honors Introduction to (3) Anthropology: Biological OR OR OR MOL&CB 10 Intro Human Heredity OR NE PH B 10 Elem Human Physio (3) BIO 5 Human Physiology (4)	OR A COMB	INAT	ION OF
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ANTHR 1H Honors Introduction to (3) Anthropology: Biological OR MOL&CB 10 Intro Human Heredity OR  NE PH B 10 Elem Human Physio (3) BIO 5 Human Physiology (4)	ANTHRO 1 Human Evol Biol	(4)	Anthropology: Biological
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OR OR  NE PH B 10 Elem Human Physio (3) BIO 5 Human Physiology (4)		(1)	
NE PH B 10 Elem Human Physio (3) BIO 5 Human Physiology (4)		( <del>4</del> )	
	NE PH B 10 Elem Human Physio	(3)	

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

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

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.

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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.

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## ONE COURSE FROM THE FOLLOWING:

REL	STD	1	Survey of Religion	(4)	PHILO 15	Patterns in	(3)
						Comparative Religions	
REL	STD	1A	Pilgrimage	(4)	NO COURSE	ARTICULATED: College has	not
						course(s) for articulation	
REL	STD	1B	Death and Afterlife	(4)		ARTICULATED: College has	
					submitted	course(s) for articulation	on
REL	STD	1C	Sacrifice	(4)	NO COURSE	ARTICULATED: College has	not
					submitted	course(s) for articulation	on
REL	STD	1D	Conversion	(4)	NO COURSE	ARTICULATED: College has	not
					submitted	course(s) for articulation	on
REL	STD	1E	Fundamentalism	(4)	NO COURSE	ARTICULATED: College has	not
					submitted	course(s) for articulation	on

REL	STD	1F	Religion Today	(4)	NO COURSE ARTICULATED: College has not
D	C.E.D.	1 ~	W + 1	( 1 )	submitted course(s) for articulation
	STD		Myth Ritual Symbol		NO COMPARABLE COURSE
REL	STD	1H	Sex, Marriage, Divorce	(4)	NO COURSE ARTICULATED: College has not
	_	_			submitted course(s)for articulation
REL	STD	1J	Music, Voice, Word	(4)	NO COURSE ARTICULATED: College has not
					submitted course(s)for articulation
			FOUR COURSES FI		THE ROLLOWING.
דית כו	STD	Е			NO COURSE ARTICULATED
			Comparative Religion	. ,	1
	STD		Intro Health Humanities		NO COURSE ARTICULATED
REL	STD	10	Contemporary Ethical	(2)	NO COURSE ARTICULATED: College has not
	~	10-	Issues	( O )	submitted course(s) for articulation
REL	STD	IUA		(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
	STD		The Bible		NO COMPARABLE COURSE
	STD		Intro Judaism		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		NO COMPARABLE COURSE
REL	STD	42	Religion and Sci	(4)	NO COURSE ARTICULATED: College has not
			Fiction		submitted course(s) for articulation
REL	STD	45	Christianity	(4)	NO COURSE ARTICULATED: College has not
					submitted course(s) for articulation
REL	STD	60	Introduction to Islam		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	(4)	· ·
			Philosophy		
REL	STD	80	Religion, Gender, Sex	(4)	NO COURSE ARTICULATED: College has not
					submitted course(s) for articulation
_					, , , , , , , , , , , , , , , , , , , ,

(4) NO COURSE ARTICULATED: College has not

A reading knowledge of a foreign language is highly recommended.  ${\tt END}$  OF MAJOR

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

## Special Advising Note:

REI STD 1F Religion Today

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

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

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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
TITE OF 1/1 TOE				

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 <a href="mailto:transfer admission website">transfer admission website</a>. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it 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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SCI&TEC 1 Intro Sci & Tech Std (4) NO COMPARABLE COURSE

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:

AMR STD 1A	Science and American	(4)	NO COMPARABLE COURSE
	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)	ES 10 Introduction to (3)
			Environmental Science
HUMAN 3	Medicine & Humanities	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
PHILOS 30	Intro Philos of Sci	(4)	NO COMPARABLE COURSE
PHILOS 31	Scientific Reason	(4)	NO COMPARABLE COURSE
PHILOS 32	Scientific Change	(4)	NO COMPARABLE COURSE
SCI&SOC 1	Critical Inquiry into	(4)	NO COMPARABLE COURSE
	Contemporary Issues		
SCI&SOC 2	Feeding the Planet	(3)	NO COMPARABLE COURSE
SCI&SOC 3	Sci,Tech&Society	(4)	NO COMPARABLE COURSE
SCI&SOC 5	Discovery:Sci & Soc	(3)	NO COMPARABLE COURSE
SCI&TEC 32	Drugs, Science and	(4)	NO COURSE ARTICULATED: College has not
	Culture		submitted course(s) for articulation
Same as:	ANTHRO 32		

\_\_\_\_\_\_

4 quarter units of lower-division science courses from the Approved Science Electives list. To see the list, click on <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.====

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Advanced Planmant (AP) and Intermediated Providents (IP) Providents Webs

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

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SOCIOL 1 Intro Sociology (5) SOC 1 Introduction to (3)
Sociology: Understanding
Society

OR
SOCIOL 1 Introduction to (3)
Sociology: Understanding
Sociology: Understanding
Society

SOCIOL 46A Intro Social Rsch	(4) NO COMPARABLE COURSE
SOCIOL 46B Intro Social Rsch	
ONE COIDSE ED	OM THE FOLLOWING:
ONE COURSE PR	om the rollowing.
SOCIOL 2 Self and Society SOCIOL 3 Social Problems	Problems   OR
SOCIOL 11 Sociology of Labor and	(4) SOC 9 Global Society (3) (4) NO COURSE ARTICULATED: College has not
Employment	submitted course(s) for articulation (4)   SOC 10   Sociology of Popular (3)
SOCIOL 25 Popular Culture  SOCIOL 30A Multicultural Societies	Culture
SOCIOL 30B Multicultural Societies	(3) NO COMPARABLE COURSE
	OM THE FOLLOWING:
ANTUIDO 2 Gultural Anthronology	(E) ANITHE 2 Introduction to (2)
OR	(5) ANTHR 2 Introduction to (3) Anthropology: Cultural OR
ANTHRO 20 Comparative Cultures	1
	ON THE BOLLOWING.
ONE COURSE FR	OM THE FOLLOWING:
	(4) NO COMPARABLE COURSE
HISTORY 4B Western Civ	(4) HIST 4A Survey of Western (3) Civilization to 1648
HISTORY 4C Western Civ	(4)   HIST 4B Survey of Western (3)   Civilization-1648 to   Late 20th Century
HISTORY 6 Intro to Middle East	(4) NO COMPARABLE COURSE
HISTORY 7A Latin America to 1700	(4) HIST 16A Latin America to 1825 (3)
HISTORY 7B Latin America 1700-1900	(4)   HIST 16A <u>&amp;</u> Latin America to 1825 (3)   HIST 16B Latin America since (3)   1825
HISTORY 7C Latin America	(4) NO COURSE ARTICULATED: College has not
1900-Present HISTORY 8 Indian Civilization	
HISTORY 9A East Asian Civ	submitted course(s)for articulation (4)   HIST 19B
HISTORY 9B East Asian Civ	(4) HIST 19C Introduction to (3) Japanese History
HISTORY 10C World History III	(4) HIST 2B World History: 1500 to (3) Present
	(4) NO COURSE ARTICULATED
	(4) NO COURSE ARTICULATED (4) HIST 17A United States History (3)
HISTORY 1/A U.S. HISTORY	to 1865
	(4) HIST 17B United States History (3) since 1865
	OM THE FOLLOWING:
PHILOS 5 Critical Reasoning	(4) PHILO 49 Introduction to (3) Critical Thinking
PHILOS 14 Eth Soc Prob in Soc	(4) NO COMPARABLE COURSE

PHILOS 24 Intro to Ethics (4) PHILO 10 Ethics (3)  $\frac{OR}{}$ 

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PHILO 10H Honors Ethics (3

END OF MAJOR

# ====Sociology A.B. (Comparative Studies and World Development)==== Special Advising Note:

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### Transfer Admission Guarantee (TAG) Note:

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## College Foreign Language Requirement Note:

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SOCIOL 1 Intro Sociology (5) SOC 1 Introduction to Sociology: Understanding Society

OR
SOCIOL 1 Introduction to (3)
Sociology: Understanding Sociology: Understanding Sociology: Understanding

	Society
SOCIOL 5 Global Soc Change	(4) SOC 9 Global Society (3)
SOCIOL 46A Intro Social Rsch AND	(4) NO COMPARABLE COURSE AND
SOCIOL 46B Intro Social Rsch	(5) NO COMPARABLE COURSE
ECON 1B Princ of Macroecon	(4)   ECON 1A Introduction to (3)   Macroeconomics
ANTHRO 2 Cultural Anthropology	(5) ANTHR 2 Introduction to (3) Anthropology: Cultural
OR ANTHRO 20 Comparative Cultures	OR (4) NO COMPARABLE COURSE
HISTORY 10C World History III	(4)   HIST 2B World History: 1500 to (3)   Present
OR POL SCI 2 Intro Comp Politics	OR (4) PS 2 Comparative Government (3)
	(1) 15 2 Comparative Government (3)

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

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END OF MAJOR

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

#### Special Advising Note:

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# Transfer Admission Guarantee (TAG) Note:

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Education(GE) Note:

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## College Foreign Language Requirement Note:

HISTORY 7C Latin America

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	Lac(dr)	International	Paggalauroato	(TD)	Examination Not	
Advanced Placement	(AP)and	international	Baccalaureate	(TR)	Examination Not	.e:

AP and	IB examin	ation d	credit	polic	cies a	are	det	ail	.ed	in	the	UC	Davis	2018	-19
General	Catalog	. Quick	refer	rence	char	ts f	Eor	AP	and	IB	are	a]	Lso		
availab	le from o	ur TAG	websit	ce.											

available	from our TAG website.		<u> </u>
SOCIOL 1	Intro Sociology	(5)	Sociology: Understanding Society
			OR    SOC 1H Honors Introduction to (3)     Sociology: Understanding     Society
		(4)	SOC 2 Contemporary Social (3) Problems OR
	OR		SOC 2H Honors Contemporary (3)   Social Problems   OR
SOCIOL 4	Immigrtn & Opprtnty OR	(4)	I -
	~	(4)	NO COURSE ARTICULATED: College has not  submitted course(s) for articulation
SOCIOL 46A	Intro Social Rsch  AND	(4)	NO COMPARABLE COURSE AND
	Intro Social Rsch		
			M THE FOLLOWING:
ANTHRO 2	Cultural Anthropology		ANTHR 2 Introduction to (3) Anthropology: Cultural
ANTHRO 20	Comparative Cultures	(4)	NO COMPARABLE COURSE
POL SCI 1	Amer Natl Govt	(4)	PS 1 Introduction to Government (3) PS 3 International Relations (3) PS 5 American Political Thought (3)
POL SCI 3	Internatl Relations	(4)	PS 3
POL SCI 4	Amer Natl Govt Internatl Relations Bas Cnpt/Pol Thry Law & Politics	(4)	PS 5   American Political Thought (3)
POL SCI /	Law & Politics	( <del>4</del> )	NO COMPARABLE COURSE
	4 QUARTER UNITS	FRO	M THE FOLLOWING:
HISTORY 4A	Western Civ	(4)	NO COMPARABLE COURSE
	Western Civ	(4)	HIST 4A Survey of Western (3)
			Civilization to 1648
HISTORY 4C	Western Civ	(4)	HIST 4B Survey of Western (3)   Civilization-1648 to   Late 20th Century
HISTORY 6	Intro to Middle East	(4)	NO COMPARABLE COURSE
HISTORY 7A	Latin America to 1700		HIST 16A Latin America to 1825 (3)
HISTORY 7B	Latin America 1700-1900	(4)	HIST 16A $\underline{\mathbf{a}}$ Latin America to 1825 (3)   HIST 16B Latin America since (3)

1825

(4) NO COURSE ARTICULATED: College has not

	1900-Present		submitted	course(s) for articulati	.on
HISTORY 8	Indian Civilization	(4)		ARTICULATED: College has	
			!	course(s)for articulation	n
HISTORY 97	A East Asian Civ	(4)	HIST 19B	Introduction to	(3)
				Chinese History	
HISTORY 9E	B East Asian Civ	(4)	HIST 19C	Introduction to	(3)
				Japanese History	
HISTORY 10	C World History III	(4)	HIST 2B	World History: 1500 to	(3)
				Present	
HISTORY 15	SA Africa to 1900	(4)	NO COURSE	ARTICULATED	
HISTORY 15	SB Africa Today	(4)	NO COURSE	ARTICULATED	
HISTORY 17	7A U.S. History	(4)	HIST 17A	United States History	(3)
				to 1865	
HISTORY 17	7B U.S. History	(4)	HIST 17B	United States History	(3)
				since 1865	
PHILOS 5	Critical Reasoning	(4)	   DHTI.O 49	Introduction to	(3)
PHILLOS J	Clitical Reasoning	( 4 )	LEUTIO 43	Critical Thinking	(3)
	OR		 	OR	
DHILOG 14	Eth Soc Prob in Soc	(4)	INO COMDADA	ABLE COURSE	
FIIIIOS IT	OR	( 1 )	NO COMPANI	OR	
PHILOS 24	<del></del>	(4)	   DHTI.O 10	Ethics	(3)
1111100 24	INCIO CO ECHICS	(4)	OR	ECHICS	(3)
			<u>914</u>   PHILO 10H	Honors Ethics	(3)
			1		( )

END OF MAJOR

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

### Special Advising Note:

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

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

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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:

available f	rom our TAG website.			_
SOCIOL 1	Intro Sociology	(5)	SOC 1         OR	Introduction to (3 Sociology: Understanding Society
			SOC 1H	Honors Introduction to (3 Sociology: Understanding Society
SOCIOL 2	Self and Society OR	(4)	NO COMPAR 	ABLE COURSE OR
SOCIOL 3	Social Problems	(4)		Contemporary Social (3 Problems
				Honors Contemporary (3 Social Problems
	Intro Social Rsch AND		j	AND
	Intro Social Rsch			ABLE COURSE
PSYCH 1	General Psychology	(4)	OR	General Psychology (3
			PSYCH 1H 	Honors General (3 Psychology
	6-8 QUARTER UNIT	'S F	ROM THE FO	LLOWING:
AF-AMST 10	Af-Am Culture & Soc	(4)	NO COMPAR	ABLE COURSE
AF-AMST 15	Intro Afro Amer Hum			
A A STD 1	-		submitted	ARTICULATED: College has not course(s) for articulation
A A STD 2	Contemp Issues of Asian Americans	(4)	NO COMPAR 	ABLE COURSE
CHICANO 10	Intro to Chic Std	(4)	İ	Chicano History to (3 1865
			<u>OR</u>  HIST 21AH 	Honors Chicano (3 History to 1865
CHICANO 50	Chicano Culture	(4)	NO COMPAR	ABLE COURSE
N A STD 1	Intro NA Studies			ABLE COURSE
N A STD 10	NA Experience			ABLE COURSE
SOCIOL 4	Immigrtn & Opprtnty			ABLE COURSE
SOCIOL 11	Sociology of Labor and	(4)		ARTICULATED: College has not
	Employment		Į.	course(s) for articulation
SOCIOL 30A SOCIOL 30B	Multicultural Societies Multicultural Societies		!	

# ====Sociology-Organizational Studies A.B.====

#### Special Advising Note:

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

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

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## Transfer Admission Guarantee (TAG) Note:

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:

SOCIOL 1	Intro Sociology	(5) SOC 1	Introduction to (3) Sociology: Understanding Society
		OR	
		SOC 1H	Honors Introduction to (3)
		ļ	Sociology: Understanding
		ļ	Society
	AND	l	AND
SOCIOL 2	Self and Society	(4) NO COMPAI	RABLE COURSE
SOCIOL 4	Immigrtn & Opprtnty	(4) NO COMPAI	RABLE COURSE
	OR		OR

SOCIOL 5	Global Soc Change OR	(4)	SOC 9 Global Society (3) OR
SOCIOL 11	Sociology of Labor and Employment	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
SOCIOL 46A	Intro Social Rsch <b>AND</b>	(4)	NO COMPARABLE COURSE AND
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE
ECON 1A	Princ of Microecon	(4)	ECON 1B Introduction to (3) Microeconomics
ECON 1B	AND Princ of Macroecon	(4)	AND   ECON 1A Introduction to (3)
			Macroeconomics

END OF MAJOR

#### ====Spanish A.B.====

#### Special Advising Note:

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

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

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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.

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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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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.

SPANISH 1	1 Elementary	Spanish	(5)	SPAN	1		Elementary Spanish I	(5)
SPANISH 2	2 Elementary	Spanish	(5)	SPAN	1 8	<u>&amp;</u>	Elementary Spanish I	(5)
				SPAN	2		Elementary Spanish II	(5)
SPANISH 3	3 Elementary	Spanish	(5)	SPAN	2		Elementary Spanish II	(5)
SPANISH 2	21 Intm Span:	ish	(5)	SPAN	3		Intermediate Spanish I	(5)
SPANISH 2	22 Intm Span:	ish	(5)	SPAN	4		Intermediate Spanish II	(5)
SPANISH 2	23 Span Comp	I	(4)	NO CO	DURS	SE	ARTICULATED: College has	not
				submi	itte	ed	<pre>course(s)for articulation</pre>	n
SPANISH 2	24 Span Comp	II	(4)	SPAN	бΑ		Spanish through	(3)
							Film-Latin American	
	OR						OR	
SPANISH 3	31 Int Span I	Nat Spk I	(5)	SPAN	16		Elementary Spanish for	(4)
							Spanish Speakers I	
SPANISH 3	32 Int Span I	Nat Spk II	(5)	SPAN	16	<u>&amp;</u>	Elementary Spanish for	(4)
							Spanish Speakers I	
				SPAN	17		Elementary Spanish for	(4)
							Spanish Speakers II	
SPANISH 3	33 Int Span 1	Nat Spk III	(5)	SPAN	17		Elementary Spanish for	(4)
							Spanish Speakers II	

It is recommended that transfer students who have successfully completed a two-year sequence at the junior college level comparable to UC Davis Spanish 1 through 22 continue their study at UC Davis by taking Spanish 23. When available at the community college students are encouraged to complete courses comparable to Spanish 23 and 24. Students should consult a Spanish Department advisor at UC Davis upon enrollment.

\_\_\_\_\_\_ LINGUIS 1 Intro Linguistics (4) NO COMPARABLE COURSE \_\_\_\_\_\_

END OF MAJOR

#### ====Statistics A.B.====

## Special Advising Note:

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

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

### Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG 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
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 16A	Short Calculus	(3)	MATH 18   <b>OR</b>	Business Calculus	(4)
				Analytic Geometry and Calculus I	(5)
MATH 16B	Short Calculus	(3)	  MATH 5A 		(5)
MATH 16C	Short Calculus	(3)	  MATH 5B 	Analytic Geometry and Calculus II	(5)
	OR			OR	
MATH 17A	<del></del>	(4)	NO COURSE	ARTICULATED: College has	not
		, ,	I .	course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)		ARTICULATED: College has	
			!	course(s) for articulation	
MATH 17C	Calculus for BioSci	(4)		ARTICULATED: College has	
			submitted	course(s) for articulation	n
	OR	(4)		OR	<i>(</i> <b>-</b> <i>)</i>
MATH 21A	Calculus	(4)	MATH 5A	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	I  MATH 5B	Analytic Geometry and	(5)
MATH 21C	Calculus	(4)	MATH 5C	Analytic Geometry and	(5)
				Calculus II Analytic Geometry and Calculus III	
	Linear Algebra				
	_		j	Algebra	
	Intro to Programming(4)				
	y ENG CS 10		İ		
	OR			OR	
	Programming	(4)	CS 11		(4)
Formerly	ENG CS 30			Programming Concepts	
				and Methodology, C++	
			<u>OR</u>  CS 11M	Introduction to C/C++	(4)
			CS IIM	Programming Using	( 1 )
			İ	Microcontrollers	
			OR		
			CS 12J	Introduction to	(4)
				Programming Concepts &	

				Methodology, JAVA	
		  CS 	OR 12GP	Introduction to Programming Using Games and Simulations	(4)
		İ	OR		
		CS	20J	Java Programming	(4)
OR				OR	
ENG CS 36B Object-Oriented Program Formerly ENG CS 40	(4)	CS	19	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.

STATIST 32 Gateway to Data Science (4) | NO COURSE ARTICULATED: College has not

|submitted course(s) for articulation

#### END OF MAJOR

# ====Statistics B.S. (Applied Statistics Option)==== Special Advising Note:

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

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# Transfer Admission Guarantee (TAG) Note:

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

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

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

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### Advanced Flacement (AF) and International Baccaratreace (IB) Examination Note.

	available	from	our	TAG	website.
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avarrance r	Tom our The webbies.				
MATH 16A	Short Calculus	(3)	  MATH 18	Business Calculus	(4)
			OR		
			MATH 5A	Analytic Geometry and	(5)
			İ	Calculus I	
MATH 16B	Short Calculus	(3)	MATH 5A	Analytic Geometry and	(5)
			İ	Calculus I	
MATH 16C	Short Calculus	(3)	MATH 5B	Analytic Geometry and	(5)
			İ	Calculus II	
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has	not
				l 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	(4)	!	ARTICULATED: College has	
111111 170	04104142 101 210201	( - /		course(s) for articulation	
	OR			OR	/
MATH 21A	Calculus	(4)	  MATH 5A	<del></del>	(5)
2	carcaras	( - /		Calculus I	( )
MATH 21B	Calculus	(4)	MATH 5B		(5)
MAIN ZID	carcaras	(1)	Inaiii 3b	Calculus II	( ) )
MATH 21C	Calculus	(4)	MATH 5C		(5)
MAIII ZIC	carcurus	(1)	MAIII JC	Calculus III	(3)
			I	Calculus III	
NOTE: THE	MATH 21A,B,C SERIES IS RE			/AILABLE	
MATH 22A	Linear Algebra	(3)	MATH 6		(3)
				Algebra	
	Intro to Programming(4)		NO COMPAR	RABLE COURSE	
Formerl	y ENG CS 10				
	OR			OR	
	Programming	(4)	CS 11	Introduction to	(4)
Formerly	ENG CS 30			Programming Concepts	
				and Methodology, C++	
			OR		
			$ CS  \overline{11}M$	Introduction to C/C++	(4)
				Programming Using	
				Microcontrollers	
			OR		
			$ CS  \overline{12}J$	Introduction to	(4)
				Programming Concepts &	
				Methodology, JAVA	
			OR		
			CS 12GP	Introduction to	(4)
				Programming Using Games	
				and Simulations	
			O.B.		
			OK		
			<u>OR</u>  CS 20J	Java Programming	(4)
	OR		CS 20J	Java Programming OR	(4)
ENG CS 36B		(4)	CS 20J	OR	
	OR Object-Oriented Program ENG CS 40	(4)	CS 20J		(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.

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STATIST	12	Discre	ete Prob	oabil	(4)			ARTICULATED:		
						submıt	ted	course(s) for	r artıcu.	lation
STATIST	13	Elemen	ntary St	tatistics	(4)	MATH 1	12	Elementary	Statisti	ics (5)
Same	as:	STATIST	13Y			OR				
						MATH 1	l2H	Honors Ele	mentary	(5)
								Statistics		
						OR				
						PSYCH	2A	Statistics	for	(3)
								Behavioral	Sciences	3
STATIST	32	Gateway	to Data	a Science	(4)	NO COU	JRSE	ARTICULATED:	College	has not
						submit	ted	course(s) for	r articul	lation

DILIC MAY TAMBODICATORY COURSES SERVING AS MILE DEPROUTSTME TO UNDER DIVISION

PLUS TWO INTRODUCTORY COURSES SERVING AS THE PREREQUISITE TO UPPER DIVISION COURSES IN A CHOSEN DISCIPLINE TO WHICH STATISTICS IS APPLIED.

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#### END OF MAJOR

# ====Statistics B.S. (Computational Statistics Option)==== Special Advising Note:

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

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

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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.

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

MATH 21A	Calculus	(4)   MATH 5A	Analytic Geometry and	(5)
			Calculus I	
MATH 21B	Calculus	(4)   MATH 5B	Analytic Geometry and	(5)

				Calculus II	
MATH 21C	Calculus	(4)	MATH 50	Analytic Geometry and	(5)
				Calculus III	
MATH 21D	Vector Analysis	(4)	MATH 50	Analytic Geometry and	(5)
				Calculus III	
MATH 22A	Linear Algebra	(3)	MATH 6	Introduction to Linear	(3)
				Algebra	
ENC CC 26C	Data Structures		cs 21	Introduction to Data	(4)
(4)	Data Structures		C5 Z1	incroduction to Data	(4)
	Structures	and Algorith	ms		
Formerly EN	IG 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 1	12	Discret	e Proba	abil	(4)	1		ARTICULATED: course(s) for	_		
STATIST 1		Element	_	atistics	(4)	MATH 1	12	Elementary	Statist	ics	(5)
						MATH 1     OR	L2H	Honors Elem Statistics	mentary		(5)
						PSYCH	2A	Statistics Behavioral		S	(3)
STATIST 3	32	Gateway t	o Data	Science	(4)	!		ARTICULATED: course(s) for	_		

### END OF MAJOR

# ====Statistics B.S. (General Statistics Option)==== Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <a href="mailto:transfer admission website">transfer admission website</a>. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it 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

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

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

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

MATH 21A	Calculus	(4)	MATH 5A Analytic Geometry and   Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 5B Analytic Geometry and   Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 5C Analytic Geometry and Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH 5C Analytic Geometry and   Calculus III	(5)
MATH 22A	Linear Algebra  OR	(3)	MATH 6 Introduction to Linear   Algebra   <b>OR</b>	(3)
MATH 67	<del></del>	(4)	OR   NO COURSE ARTICULATED: College has  submitted course(s) for articulati	
MATH 25	Advanced Calculus	(4)	NO COURSE ARTICULATED: College has   submitted course(s) for articulati	
	Intro to Programming(4) ly ENG CS 10 OR		NO COMPARABLE COURSE     OR	
	Programming y ENG CS 30	(4)	CR   Introduction to   Programming Concepts   and Methodology, C++	(4)
			<u>OR</u>	
			CS 11M	(4)
			Programming Using Microcontrollers  OR CS 12J Introduction to Programming Concepts & Methodology, JAVA	(4)
			Programming Using Microcontrollers  OR CS 12J Introduction to Programming Concepts &	(4)
	OR		Programming Using Microcontrollers  OR  CS 12J Introduction to Programming Concepts & Methodology, JAVA  OR  CS 12GP Introduction to Programming Using Games	(4)

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

#### AND ONE COURSE FROM

STATIST Same		Elementar STATIST 13Y	y Statistics	(4)	MATH OR		Elementary	Statisti	cs (5)
					MATH	12H	Honors Elem Statistics	mentary	(5)
					OR				
					PSYCH	2A	Statistics	for	(3)
							Behavioral	Sciences	
STATIST	12	Discrete	Probabil	(4)	NO CO	URSE	ARTICULATED:	College	has not
					submi	tted	course(s) for	r articul	ation
STATIST	32	Gateway to	Data Science	(4)	NO CO	URSE	ARTICULATED:	College	has not
					submi	tted	course(s) for	r articul	ation

# ====Statistics B.S. (Statistical Data Science Track)==== Special Advising Note:

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

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

## Transfer Admission Guarantee (TAG) Note:

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

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

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			I	Calaulua T	
MATH 21B	Calculus	(4)	  MATH 5B 	Calculus I Analytic Geometry and Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 5C		(5)
MATH 21D	Vector Analysis	(4)	  MATH 5C 		(5)
MATH 22A	Linear Algebra	(3)	  MATH	Introduction to Linear Algebra	(3)
	Intro to Programming(4) y ENG CS 10		NO COMPAR		
	OR			OR	
	Programming	(4)	CS 11		(4)
Formerly	ENG CS 30			Programming Concepts and Methodology, C++	
			<u>OR</u>	T   1   1   C   C	(4)
			CS 11M	Introduction to C/C++	(4)
			 	Programming Using	
			l OD	Microcontrollers	
			<u>OR</u>  CS 12J	T	(1)
			CS 120	Introduction to	(4)
			 	Programming Concepts &	
				Methodology, JAVA	
			<u>OR</u>  CS 12GP	T	(4)
			CS 12GP	Introduction to	(4)
			l I	Programming Using Games	
			   OD	and Simulations	
			<u>OR</u>  CS 20J	Tarra Dwagwamming	(1)
	OR		C5 200	Java Programming OR	(4)
ENC CC 26D	Object-Oriented Program	(1)	   CC 10 (	<del></del>	(4)
	ENG CS 40	( + )	CB 19 (	C++ PIOGIAMMING	( 4 )
ronmenty	ENG CS 40		 		
STATIST 12	Discrete Probabil	(1)	INO COURCE	ARTICULATED: College has	not
SIAIISI 12	Discrete Propagii	( + )		course(s) for articulation	
	OR		Submitteed	OR	)11
STATIST 13		(4)	  Mአጥፔ 12	Elementary Statistics	(5)
	STATIST 13Y	( + )	OR	Elementary Statistics	(3)
balle as.	SIAIISI ISI		<u>OK</u>  MATH 12H	Honors Elementary	(5)
			MAIII 1211 	Statistics	(3)
			OR	Statistics	
			PSYCH 2A	Statistics for	(3)
			  TOICH ZH	Behavioral Sciences	(3)
	OR			OR	
STATIST 32		(4)	INO COURSE	ARTICULATED: College has	not
DIAIIDI JZ	Saccway to Data Scrence	(1)		course(s) for articulation	
			Lanuteca	Course(s) for arciculation	

END OF MAJOR

# ====Sustainable Agriculture and Food Systems B.S.==== Special Advising Note:

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

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

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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:

COMUNCN 1	Intro Public Spkg	(4)	COMM 1 OR	Public Speaking (3)
			COMM 1H	Honors Public Speaking (3)
PL SCI 15	Intro Sustainable Agriculture	(4)		ARTICULATED: College has not course(s) for articulation
CM&RGDE 20	Food Systems	(4)	!	ARTICULATED: College has not course(s)for articulation
PL PATH 40	Edible Mushroom Cult  OR	(2)	!	ARTICULATED: College has not course(s)for articulation  OR
PL SCI 49		(3)	  HORT 71 	Organic Food Production (4)
	Select one of the :	foll	owing cour	ses:
AN SCI 41L	Domest An Prod Lab	(2)	NO COURSE	ARTICULATED: College has not
			submitted	course(s)for articulation
AN SCI 49A	Animal Prac/Aquaculture	(2)		ARTICULATED: College has not
			submitted	course(s)for articulation
AN SCI 49B	Animal Prac/Beef	(2)	NO COURSE	ARTICULATED: College has not
			submitted	course(s)for articulation
AN SCI 49C	Animal Prac/Dairy	(2)	NO COURSE	ARTICULATED: College has not
				course(s)for articulation
AN SCI 49D	Animal Prac/Goats	(2)		ARTICULATED: College has not
			!	course(s)for articulation
AN SCI 49E	Animal Prac/Horses	(2)	1	ARTICULATED: College has not
				course(s)for articulation
AN SCI 49F	Animal Prac/Lab Animals	(2)		ARTICULATED: College has not
AN SCI 49G	Animal Drag/Moatg	(2)	!	course(s) for articulation
AN SCI 49G	Animal Prac/Meats	( 2 )	!	ARTICULATED: College has not course(s) for articulation
AN SCI 49H	Animal Prac/Poultry	(2)	!	ARTICULATED: College has not
711 501 1511	militar frac, routery	( 2 )	1	course(s) for articulation
AN SCI 49I	Animal Prac/Sheep	(2)	!	ARTICULATED: College has not
		, ,	!	course(s)for articulation
AN SCI 49J	Animal Prac/Swine	(2)	1	ARTICULATED: College has not
			submitted	course(s)for articulation
ABIOSYT 49	Fld Equip Oper  OR	(2)	NO COMPARA	
ADTOCVT E2		(2)	  NO COUDER	OR ARTICULATED: College has not
ABIUSII 52	Field Equip Welding	( 2 )		course(s) for articulation
	PLUS CHOOSE ONE OF	THE	FOLLOWING	THREE TRACKS:
	TRACK I: AGRICU			
матн 16а				Business Calculus (4
				Analytic Geometry and (5)
				Calculus I Analytic Geometry and (5) Calculus I
	Genl Chemistry			General Chemistry I (5)
	Genl Chemistry			General Chemistry I (5)
СЦЕМ ЯВ	Geni Chemistry	(5)	ICHEM TA 😿	General Chemistry I (5

			CHEM 1B General Chemistry II (5
PHYSICS 1A	Principles Physics	(3)	PHYS 11 Elementary Physics (4
BIOLSCI 2B	Intro Biology: Ecology & Evolution		BIO 9B Ecology, Evolution, and (5
PL SCI 2	Bot Physio Cul Plt	(4)	NO COMPARABLE COURSE
AN SCI 1	Domest Ani & People OR	(4)	1
AN SCI 2	Intro Animal Sci	(4)	OR  NO COMPARABLE COURSE
FD S&T 1	Food Sci Principles	(3)	NO COMPARABLE COURSE
ECON 1A	Princ of Microecon	(4)	ECON 1B   Introduction to (3   Microeconomics
CM&RGDE 1	The Community	(4)	NO COMPARABLE COURSE
PHILOS 14	Eth Soc Prob in Soc OR	(4)	NO COMPARABLE COURSE OR
PHILOS 15	Intro to Bioethics OR	(4)	NO COMPARABLE COURSE OR
PHILOS 24	Intro to Ethics	(4)	PHILO 10 Ethics (3
			PHILO 10H Honors Ethics (3
ANTHRO 2	Cultural Anthropology	(5)	Anthropology: Cultural
POL SCI 4		(4)	OR  PS 5 American Political Thought (3
SOCIOL 1	OR Intro Sociology	(5)	OR  SOC 1
	OR		OR  SOC 1H Honors Introduction to (3   Sociology: Understanding   Society   OR
SOCIOL 3	-	(4)	SOC 2 Contemporary Social (3 Problems
			OR  SOC 2H Honors Contemporary (3   Social Problems
	TRACK II: FO	ΔΩ Δ1	
PHILOS 5	Critical Reasoning		PHILO 49 Introduction to (3   Critical Thinking
PHILOS 31	<b>OR</b> Scientific Reason	(4)	OR  NO COMPARABLE COURSE
PHILOS 14	Eth Soc Prob in Soc OR	(4)	
PHILOS 15	Intro to Bioethics OR	(4)	1
PHILOS 24		(4)	PHILO 10 Ethics (3
			OR  PHILO 10H Honors Ethics (3
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE

OR			OR		
	Elementary Statistics STATIST 13Y	(4)	MATH 12 Elementary Statistics (5)   OR		
			MATH 12H Honors Elementary (5)   Statistics   OR		
			DK  PSYCH 2A Statistics for (3)   Behavioral Sciences		
CHEM 2A	Genl Chemistry	(5)	CHEM 1A General Chemistry I (5)		
BIOLSCI 10	Everyday Biology	(4)	BIO 11A General Biology (4)		
PL SCI 2	Bot Physio Cul Plt	(4)	NO COMPARABLE COURSE		
BIOLSCI 2B	Intro Biology: Ecology & Evolution OR	(5)	BIO 9B Ecology, Evolution, and (5) Plant Biology OR		
ENV S&P 1	Env Analysis	(4)	ES 10 Introduction to (3) Environmental Science		
ENV S&P 30	<b>OR</b> Global Ecosystem	(3)	OR  NO COMPARABLE COURSE		
Same as:	ENV SC&M 30 OR		   OR		
W&F BIO 10	Wildl Ecol Conserve <b>OR</b>	(4)	NO COMPARABLE COURSE OR		
	Biology		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)	HORT 2 Soil Science & Mgmt (4)		
	Princ of Microecon		ECON 1B Introduction to (3)   Microeconomics		
			PS 5 American Political Thought (3)		
ANTHRO 2	Cultural Anthropology  OR	(5)	ANTHR 2 Introduction to (3) Anthropology: Cultural OR		
SOCIOL 1	Intro Sociology	(5)	SOC 1		
	OR		OR    SOC 1H Honors Introduction to (3)     Sociology: Understanding     Society     OR		
SOCIOL 3	Social Problems	(4)	SOC 2 Contemporary Social (3) Problems		
			OR  SOC 2H Honors Contemporary (3)   Social Problems		
CM&RGDE 1 CM&RGDE 2	The Community Ethnicity Amer Comm	(4)	NO COMPARABLE COURSE		
матн 16а	TRACK III: ECO Short Calculus		CS AND POLICY  MATH 18 Business Calculus (4)   OR		

			MATH 5A	Analytic Geometry and Calculus I	(5)
MATH 16B	Short Calculus	(3)	!	Analytic Geometry and Calculus I	(5)
SOCIOL 46B	Intro Social Rsch OR	(5)	  NO COMPAR <i>A</i> 	ABLE COURSE OR	
	Elementary Statistics STATIST 13Y	(4)	:	Elementary Statistics	(5)
same as.	STATIST IST			Honors Elementary Statistics	(5)
			İ	Statistics for Behavioral Sciences	(3)
	Genl Chemistry	(5)	CHEM 1A	General Chemistry I	
BIOLSCI 10	Everyday Biology	(4)	BIO 11A	General Biology	(4)
PL SCI 2	Bot Physio Cul Plt	(4)	NO COMPARA	ABLE COURSE	
BIOLSCI 2B	Intro Biology: Ecology & Evolution OR	(5)		Ecology, Evolution, and Plant Biology OR	(5)
ENV S&P 1		(4)		Introduction to Environmental Science OR	(3)
	Global Ecosystem ENV SC&M 30 OR	(3)	  NO COMPAR <i>A</i> 	<del></del>	
W&F BIO 10	Wildl Ecol Conserve OR	(4)	  NO COMPAR <i>A</i> 		
1	*==		!	<del></del>	
	Intro to Conservation Biology	(3)	!	ARTICULATED: College has course(s) for articulation	
			submitted	course(s) for articulation	
FD S&T 1	Biology  Food Sci Principles	(3)	submitted	course(s) for articulation	on 
FD S&T 1 SOILSCI 10	Biology Food Sci Principles Soils in Our	(3)	submitted  NO COMPARA  HORT 2	course(s) for articulation	on  (4)
FD S&T 1 SOILSCI 10 ECON 1A ECON 1B	Biology  Food Sci Principles  Soils in Our Environment  Princ of Microecon  Princ of Macroecon	(3) (3) (3) (4)	submitted   NO COMPAR#   HORT 2   ECON 1B	course(s) for articulation and articulation to microeconomics Introduction to	on  (4)
FD S&T 1 SOILSCI 10 ECON 1A ECON 1B POL SCI 4	Biology  Food Sci Principles  Soils in Our Environment  Princ of Microecon  Princ of Macroecon  Bas Cnpt/Pol Thry	(3) (3) (3) (4) (4)	Submitted  NO COMPARA  HORT 2    ECON 1B    ECON 1A	Course(s) for articulation and articulation to Microeconomics Introduction to Macroeconomics	(4) (3) (3)
FD S&T 1 SOILSCI 10 ECON 1A ECON 1B POL SCI 4	Biology  Food Sci Principles  Soils in Our Environment  Princ of Microecon  Princ of Macroecon  Bas Cnpt/Pol Thry  Cultural Anthropology	(3) (3) (3) (4) (4)	Submitted   NO COMPARA   HORT 2     ECON 1B   ECON 1A   PS 5 Am	Course(s) for articulation and a second seco	(4) (3) (3) (3)
FD S&T 1 SOILSCI 10 ECON 1A ECON 1B POL SCI 4 ANTHRO 2	Biology  Food Sci Principles  Soils in Our Environment  Princ of Microecon  Princ of Macroecon  Bas Cnpt/Pol Thry  Cultural Anthropology  OR	(3) (3) (3) (4) (4) (4)	submitted   NO COMPARA   HORT 2   ECON 1B   ECON 1A   PS 5 Am   ANTHR 2   SOC 1	Course(s) for articulation and a second course (s) for articulation and a second course (s) for articulation and a second course (s) for articulation and a second course (s) for articulation and a second course (s) for articulation and a second course (s) for articulation and articulation and articulation are course (s) for articulation arti	(4) (3) (3) (3)
FD S&T 1 SOILSCI 10 ECON 1A ECON 1B POL SCI 4 ANTHRO 2	Biology  Food Sci Principles  Soils in Our Environment  Princ of Microecon  Princ of Macroecon  Bas Cnpt/Pol Thry  Cultural Anthropology  OR Intro Sociology	(3) (3) (3) (4) (4) (4)	SUDMITTED     NO COMPARA     HORT 2     ECON 1B     ECON 1A     PS 5 Am     ANTHR 2     SOC 1     OR	Course(s) for articulation and articulation to Microeconomics Introduction to Macroeconomics  Introduction to Macroeconomics Introduction to Macroeconomics  Introduction to Macroeconomics  Introduction to Anthropology: Cultural OR Introduction to Sociology: Understanding Society  Honors Introduction to Sociology: Understanding Society	(3) (3) (3) (3) (3)
FD S&T 1	Biology  Food Sci Principles  Soils in Our Environment  Princ of Microecon  Princ of Macroecon  Bas Cnpt/Pol Thry  Cultural Anthropology  OR	(3) (3) (3) (4) (4) (4) (5)	SUDMITTED     NO COMPARA     HORT 2     ECON 1B     ECON 1A     PS 5 Am     ANTHR 2     SOC 1     OR     SOC 1H     SOC 2	Course(s) for articulation and articulation articulation to macroeconomics articulation to anthropology: Cultural OR  Introduction to Macroeconomics artical Thought  Introduction to anthropology: Cultural OR  Introduction to Sociology: Understanding Society  Honors Introduction to Sociology: Understanding	(3) (3) (3) (3) (3)

CM&RGDE 1	The Community	(4)	NO COMPARABL	E COURSE	
PHILOS 14	Eth Soc Prob in Soc OR	(4)	  NO COMPARABL 	E COURSE OR	
PHILOS 15	Intro to Bioethics OR	(4)	NO COMPARABL	E COURSE OR	
PHILOS 24	Intro to Ethics	(4)	PHILO 10	Ethics	(3)
			PHILO 10H	Honors Ethics	(3)

#### ====Sustainable Environmental Design B.S.====

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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.

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COMUNCN 1	Intro Public Spkg	(4)	:	Public Speaking	(3)
			<u>ОR</u>  СОММ 1Н	Honors Public Speaking	(3)
ENGLISH 3	Intro to Lit	(4)	ENGL 1B     OR	Composition and Literature	(3)
			OK  ENGL 1BH     OR	Honors Composition and Literature	(3)
	OR		ENGL 1BMC	Composition and Literature: Multicultural Emphasis OR	(3)
UWRITING 1	Expository Writing	(4)	ENGL 1A Same as OR	College Composition:	(3)
			ENGL TAMC	College Composition: Multicultural Emphasis	(3)
			Same as		
			ENGL 1AH	Honors College Composition	(3)
			Same as   OR	•	
			ENGL TAMCH     	Honors College Composition: Multicultural Emphasis	(3)
			Same as		
	OR			OR	

	-	(4) NO COMPARABLE COURSE			
Formerly	UWRITING 18 OR		OR		
UWRITING 49 Formerly UV	Writing Research Papers WRITING 19	(4)	1		
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIO 9B Ecology, Evolution, and (5)   Plant Biology		
ALL OF THE FOLLOWING COURSES:					
LND ARC 1	Intro Environ Design	(4)	NO COMPARABLE COURSE		
LND ARC 2	Place, Culture, Community	(4)	NO COMPARABLE COURSE		
LND ARC 3	Sustainable Development	(4)	NO COURSE ARTICULATED: College has not		
			submitted course(s) for articulation		
LND ARC 21	Landscape Rep I	(4)	NO COMPARABLE COURSE		
Formerly	Design Visualization				
LND ARC 30	History Environ Design	(4)	NO COMPARABLE COURSE		
LND ARC 50	Site Ecology	(4)	NO COMPARABLE COURSE		
LND ARC 70	Intro to Spacemaking	(4)	NO COMPARABLE COURSE		
AND ONE COURSE IN A PHYSICAL SCIENCE					

# ====Textiles and Clothing B.S. (Marketing/Economics)==== IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

The undergraduate major Textiles and Clothing in the College of Agricultural and Environmental Sciences is suspended for 2019-20, and fall 2019 TAGs will not be available.

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#### Special Advising Note:

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

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

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

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

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

\_\_\_\_\_\_ PL SCI 21 Computers in Technology (3) NO COMPARABLE COURSE OR B) ENG CS 15 Intro to Computers (4) | CS 1 & Introduction to Computers (3) and Computer Technology |CS 1L Technology Tools (2) OR ENG CS 36A Programming (4) CS 11 Introduction to (4)Programming Concepts Formerly ENG CS 30 and Methodology, C++ OR |CS| 11M Introduction to C/C++ (4) Programming Using Microcontrollers OR CS  $\overline{12}$ J Introduction to (4)

		Programming Concepts & Methodology, JAVA	
  CS 	<u>OR</u> 12GP	Introduction to Programming Using Games and Simulations	(4)
CS	<u>OR</u> 20J	Java 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 1B	Introduction to Microeconomics	(3)
ECON 1D	Dring of Magnagan	(1)	   ECONT 1 A	Introduction to	(2)
ECON 1B	Princ of Macroecon	(4)	ECON 1A		(3)
			l	Macroeconomics	
	4 QUARTER UNITS	FRO	M THE FOL	LOWING:	
ANTHRO 2	Cultural Anthropology	(5)	ANTHR 2	Introduction to	(3)
	1 31	. ,	İ	Anthropology: Cultural	. ,
	OR		į	OR	
SCI&SOC 1	Critical Inquiry into	(4)	NO COMPA	RABLE COURSE	
	Contemporary Issues	. ,	İ		
	OR		İ	OR	
ARTHI 1A	Ancient Mediterranean Art	(4)	  AH 11	Ancient Art	(3)
		( - /	OR		( - )
			AH 11H	Honors Ancient Art	(3)
	OR			OR	(3)
ARTHT 1B	_	(4)	AH 12 &	_	(3)
111111111111111111111111111111111111111	riodicy discribing in a	( - )	   <u></u>	Art/Mediterranean World	(5)
			 	and Europe (AD 300-1400)	
			  AH 13	Renaissance to Mid-19th	(3)
			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Century	(3)
	OR		 	OR	
дртит 10	Baroque to Modern Art	(4)	I   дн 14	_	(3)
ARTIII IC	OR	(1)		OR	(3)
ARTHI 1D	<del>*</del>	(4)	  AH 17	* = ·	(3)
ARTIII ID	ALCS OF ASIA	(1)		Japan	(3)
	ALL OF THE FO	OLLO	WING COUR	SES:	
PHYSICS 1A	Principles Physics				(4)
	OR	( - )		OR	( - /
PHYSICS 10	Topics, Nonscientists	(4)	PHYS 10	Introduction to Physics	(3)
PSYCH 1	General Psychology	(4)	PSYCH 1	General Psychology	(3)
-	11111111111	, ,	OR	11 11 11 11 11 11 11 11 11 11 11 11 11	( - )
				Honors General	(3)
				Psychology	( - )
SOCIOL 2	Self and Society	(4)	NO COMPA	RABLE COURSE	
STATIST 13	Elementary Statistics	(4)	MATH 12	Elementary Statistics	(5)
Same as	STATIST 13Y		OR		
			MATH 12H	Honors Elementary	(5)
			İ	Statistics	•
			OR		
			PSYCH 2A	Statistics for	(3)
			İ	Behavioral Sciences	

TEX&CL 6 TEX&CL 7 TEX&CL 8	Intro Textiles Style & Cult Std Textile Apparel Ind	(4) NO COMPARABLE COURSE (4) NO COMPARABLE COURSE (4) NO COMPARABLE COURSE	
MGMT 11A MGMT 11B	Elem Accounting Elem Accounting		(4) (4)
CHEM 10	Concept of Chem OR	(4) CHEM 10 Concepts of Chemistry OR	(4)
CHEM 2A	Genl Chemistry	(5) CHEM 1A General Chemistry I	(5)
MATH 16A	Short Calculus	(3) MATH 18 Business Calculus   <b>OR</b>	(4)
		MATH 5A Analytic Geometry and Calculus I	(5)
MATH 16B	Short Calculus		(5)

### RESTRICTED ELECTIVES (12 QUARTER UNITS):

AGRESEC 18	Business Law	(4)	BUS 18	Business Law	(4)
DESIGN 77	Intro to Fashion De	sign (4)	NO COMPARA	BLE COURSE	
MATH 16C	Short Calculus	(3)	MATH 5B	Analytic Geometry and	(5)
		1		Calculus II	
Foreign lang	guage units may be us	ed to sati	sfy any or	all of the required 12	

units.

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END OF MAJOR

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

# ===Textiles and Clothing B.S. (Textile Science)==== IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

The undergraduate major Textiles and Clothing in the College of Agricultural and Environmental Sciences is suspended for 2019-20, and fall 2019 TAGs will not be available.

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

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

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# Transfer Admission Guarantee (TAG) Note:

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:

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PL SCI 21 Computers in Technology (3) NO COMPARABLE COURSE (4) | CS 1  $\underline{\&}$  Introduction to Computers (3) B) ENG CS 15 Intro to Computers and Computer Technology

OR		CS	1L	Technology Tools OR	(2)
ENG CS 36A Programming Formerly ENG CS 30	(4)	CS   	11 OR	Introduction to Programming Concepts and Methodology, C++	(4)
		CS	11M	Introduction to C/C++ Programming Using Microcontrollers	(4)
		  CS 	<u>OR</u> 12J	Introduction to Programming Concepts & Methodology, JAVA	(4)
		  CS   	<u>OR</u> 12GP	Introduction to Programming Using Games and Simulations	(4)
		  CS	<u>ОR</u> 20J	Java 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 1B		(3)
				Microeconomics	
ECON 1B	Princ of Macroecon	(4)	ECON 1A	Introduction to	(3)
				Macroeconomics	
	4 QUARTER UNITS	FRO	M THE FOL	LOWING:	
ANTHRO 2	Cultural Anthropology	(5)	ANTHR 2	Introduction to	(3)
-	1 11 131	( - /	İ	Anthropology: Cultural	( - )
	OR		İ	OR	
SCI&SOC 1	Critical Inquiry into Contemporary Issues	(4)	NO COMPA	RABLE COURSE	
	OR		İ	OR	
ARTHI 1A	Ancient Mediterranean Art	(4)	  AH 11	_	(3)
		( - /	OR		( - )
			AH 11H	Honors Ancient Art	(3)
	OR		j	OR	. ,
ARTHI 1B	Mediev&Renaiss Art	(4)	AH 12 &	Middle Ages:	(3)
			<u> </u>	Art/Mediterranean World	
			İ	and Europe (AD 300-1400)	
			AH 13	Renaissance to Mid-19th	(3)
				Century	
	OR			OR	
ARTHI 1C	Baroque to Modern Art	(4)	AH 14	Modern Art	(3)
	OR			OR	
ARTHI 1D	Arts of Asia	(4)	AH 17	Art of China, Korea and	(3)
				Japan	
	ALL OF THE FO		WING COUR	 SES:	
PHYSICS 1A	Principles Physics	-			(4)
11110100 111	OR	(3)		OR	( - /
PHYSICS 10	Topics, Nonscientists	(4)	PHYS 10	~	(3)
PSYCH 1	General Psychology	(4)	PSYCH 1	General Psychology	(3)
		•	OR		
			PSYCH 1H	Honors General	(3)
				Psychology	
			-		

SOCIOL 2	Self and Society	(4)	  NO COMPARABLE COURSE	
STATIST 13 Same as			MATH 12 Elementary Statistics   OR	(5)
			Behavioral Sciences	
TEX&CL 6 TEX&CL 7 TEX&CL 8	Intro Textiles Style & Cult Std Textile Apparel Ind	(4)	NO COMPARABLE COURSE  NO COMPARABLE COURSE  NO COMPARABLE COURSE	
CHEM 2A CHEM 2B	Genl Chemistry Genl Chemistry		CHEM 1A General Chemistry I  CHEM 1A & General Chemistry I  CHEM 1B General Chemistry II	(5) (5) (5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM 12A & Organic Chemistry I  CHEM 12AL Organic Chemistry   Laboratory I	(3)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 12B <u>&amp;</u> Organic Chemistry II   CHEM 12BL Organic Chemistry   Laboratory II	(3)
MATH 16A	Short Calculus	(3)	MATH 18 Business Calculus   <u>OR</u>  MATH 5A Analytic Geometry and   Calculus I	(4) (5)
	RESTRICTED ELECTIVES	(16	OUARTER UNITS):	
AGRESEC 18 CHEM 2C CHEM 128A CHEM 128B  CHEM 128C DESIGN 77 MGMT 11A MGMT 11B MATH 16B  MATH 16C  SOCIOL 25		(4) (5) (3) (3) (4) (4) (4) (3)	BUS 18 Business Law    CHEM 1B General Chemistry II     CHEM 12A Organic Chemistry I     CHEM 12A Organic Chemistry I     CHEM 12B Organic Chemistry II     CHEM 12B Organic Chemistry II     CHEM 12B Organic Chemistry II     NO COMPARABLE COURSE     ACCT 1A Financial Accounting     ACCT 1B Managerial Accounting     MATH 5A Analytic Geometry and     Calculus I     MATH 5B Analytic Geometry and     Calculus II     SOC 10 Sociology of Popular	(4) (5) (3) (3) (3) (4) (4) (5)
Foreign lamunits.	nguage units may be used to	sat:	Culture 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:

END OF MAJOR

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

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

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

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

NOTE: Lower-division preparation for the Honors A.B. major in Theatre and Dance

NOTE: Lower-division preparation for the Honors A.B. major in Theatre and Dance is the same as that below.

# ONE COURSE FROM THE FOLLOWING:

DRAMART 21A	Fundamentals of Act	(4)	TA 10A	Basic Acting Techniqu	es (3)
b) DRAMART 40A	Beg Modern Dance	(2)	DANCE 5	Contemporary Modern	(.5-3)
				Dance II	
DRAMART 40B	Int Modern Dance	(2)	NO COMPA	RABLE COURSE	
b) DRAMART 42A	Beg Ballet	(2)	DANCE 7	Ballet I	(.5-3)
b) DRAMART 42B	Inter Ballet	(2)	DANCE 8	Ballet II	(.5-3)

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	ALL OF THE FOLLOWING COURSES:
DRAMART 28	Stagecraft & Management (4) NO COURSE ARTICULATED: College has not
	submitted course(s) for articulation
DRAMART 55	Cont Theatre Dance Perf (4) NO COURSE ARTICULATED: College has not
	submitted course(s)for articulation
DRAMART 56A	Hist Theatre Dance I $(4)$ NO COURSE ARTICULATED: College has not
	submitted course(s)for articulation
DRAMART 56B	Hist Theatre Dance II (4) $\mid$ NO COURSE ARTICULATED: College has not
	submited course(s)for articulation
DRAMART 56C	Hist Theatre Dance III (4) $\mid$ NO COURSE ARTICULATED: College has not
	submited course(s)for articulation

#### END OF MAJOR

b) Cabrillo course must be taken for at least one unit to receive credit at UC Davis.

#### ====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.

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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

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

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

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BIOLSCI 2A	Intro Biology:Life on Earth <b>OR</b>	(5)	  BIO 9 	 9A	Molecular, Cellular, and Animal Biology OR	(5)
PL SCI 2	Bot Physio Cul Plt	(4)	NO CO	OMPARA	ABLE COURSE	
CHEM 2A CHEM 2B	Genl Chemistry Genl Chemistry Genl Chemistry	(5)	CHEM   CHEM   CHEM   CHEM	1A <u>&amp;</u> 1B	General Chemistry I General Chemistry I General Chemistry II General Chemistry II	(5) (5) (5) (5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM CHEM	12A 12AL		(3)
CHEM 8B	Organic Chem-Brief	(4)	CHEM CHEM	12B 12BL	© Organic Chemistry II Organic Chemistry Laboratory II	(3)

PL SCI 21 Computers in Technology (3) NO COMPARABLE COURSE

#### OR EQUIVALENT AND advisor APPROVAL

MATH 16A	Short Calculus	(3)	MATH 18   OR	8	Business Calculus	(4)
			MATH 52 		Analytic Geometry and Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 52 		Analytic Geometry and Calculus I	(5)
PHYSICS 1A	Principles Physics AND	(3)	  PHYS 1: 	1	Elementary Physics AND	(4)
PHYSICS 1B	Principles Physics OR	(3)	NO COMI	PARAE	BLE COURSE OR	
PHYSICS 7A	General Physics	(4)	PHYS 22   PHYS 21	_	General Physics I General Physics II	(4) (4)

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

VIT-ENO 2 Intro to Viticult (2) NO COMPARABLE COURSE
VIT-ENO 3 Intro Winemaking (3) NO COMPARABLE COURSE

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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 <a href="https://doi.org/10.1001/journal.com/">highly recommended</a> 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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The College of A&ES English Composition requirement for the Bachelor's degree is an element of the UC Davis General Education (GE) pattern. This GE requirement may be satisfied by completing either two courses emphasizing written expression OR one course emphasizing written expression and one course emphasizing oral expression, with a grade of C- (or P) or better. The following UC Davis lower-division courses are among those that have been approved to satisfy this requirement: English 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1\*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (emphasis in either writing or speaking skills). The English Composition requirement may also be met by achieving a score of 4 or 5 on the Advanced Placement (AP) English examination PLUS completing any previously listed course, EXCEPT English 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

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

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

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

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

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

UWRITING 1	Expository Writing	(4)	ENGL 1A   Same as   <b>OR</b>		(3)
			ENGL TAMC	Multicultural Emphasis	(3)
			Same as	S:	
			ENGL 1AH	Composition	(3)
			Same as   <b>OR</b>	S:	
			ENGL TAMCE     	H Honors College Composition: Multicultural Emphasis	(3)
			Same as		
	AND			AND	
COMUNCN 1	Intro Public Spkg	(4)	OR	Public Speaking	(3)
	O.D.		COMM 1H	Honors Public Speaking	(3)
COMUNCN 3	OR Intprsnl Com Cmpetnce	(4)	  COMM 7	OR Interpersonal	(3)
corror or	inepibili com empecilec	( - /		Communications	(3)
10	OR	(4)		OR	(2)
	leting UWP 1 and Communicat: quirements.		l will simu	ntroduction to Acting ultaneously satisfy the	(3)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIO 9A	Molecular, Cellular, and Animal Biology	(5)
BIOLSCI 2B		(5)		Ecology, Evolution, and	(5)
BIOLSCI 2C	& Evolution Intro Biology:	(5)	  BIO 9A &	Plant Biology Molecular, Cellular, and	(5)
	Biodiversity & the Tree		j	Animal Biology	
	of Life		BIO 9B 	Ecology, Evolution, and Plant Biology	(5)
CHEM 2A	Genl Chemistry	(5)	  CHEM 1A	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &		(5)
			CHEM 1B	General Chemistry II	(5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM 12A  CHEM 12AL	- 3 1	(3)
CHEM 8B	Organic Chem-Brief	(4)	  CHEM 12B	Laboratory I  & Organic Chemistry II	(3)
CHEN OB	organic chem brief	( - /	CHEM 12BL		(2)
			' 		
MATH 16A	Short Calculus	(3)	MATH 18   <u>OR</u>	Business Calculus	(4)
			MATH 5A 	Analytic Geometry and Calculus I	(5)

MATH 16B	Short Calculus	(3)	MATH 5A Analytic Geometry and (5)   Calculus I
PHYSICS 1B	Principles Physics	(3)	PHYS 11
	ONE COURSE FROM THE FOLLOW	ING	(3-4 QUARTER UNITS):
W&F BIO 10 W&F BIO 50			NO COURSE ARTICULATED: College has not
W&F BIO 51	Intro to Conservation Biology	(3)	submitted course(s) for articulation  NO COURSE ARTICULATED: College has not  submitted course(s) for articulation
RECO		LDLI	FE HEALTH AREA OF SPECIALIZATION:
CHEM 2C	Genl Chemistry	(5)	CHEM 1B General Chemistry II (5)
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 1B General Chemistry II (5)   CHEM 12A & Organic Chemistry I (3)
			CHEM 12AL Organic Chemistry (2)   Laboratory I
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 12A & Organic Chemistry I (3)
			CHEM 12AL & Organic Chemistry (2)
			Laboratory I
			CHEM 12B & Organic Chemistry II (3)
			CHEM 12BL Organic Chemistry (2)   Laboratory II
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 12B & Organic Chemistry II (3)
	, , , , , , , , , , , , , , , , , , , ,	,	CHEM 12BL Organic Chemistry (2)
			Laboratory II
PHYSICS 7A	General Physics	(4)	PHYS 2A & General Physics I (4)
			PHYS 2B General Physics II (4)
PHYSICS 7B	General Physics	(4)	PHYS 2A $\underline{\&}$ General Physics I (4)
			PHYS 2B General Physics II (4)
PHYSICS 7C	General Physics	(4)	PHYS 2A & General Physics I (4)
			PHYS 2B General Physics II (4)

### ====Worksheet UGA (ENG)====

### IMPORTANT ADVISORY REGARDING THIS WORKSHEET

This worksheet serves as an administrative tool and should not be used to determine specific major preparation for UC Davis College of Engineering majors.

View the "By Major" section of ASSIST to best assess the requirements for your major of interest.

This worksheet provides a listing of lower-division preparatory courses required for certain College of Engineering majors and may be helpful in correlation with review of the College of Engineering Transfer Credit Agreements (engineering grids) available at <a href="http://engineering.ucdavis.edu/transfer-credit-agreements/">http://engineering.ucdavis.edu/transfer-credit-agreements/</a>

MATH 21A	Calculus	(4)	MATH 	5A	Analytic Calculus	-	and	(5)
MATH 21B	Calculus	(4)	MATH 	5B	Analytic Calculus	-	and	(5)
MATH 21C	Calculus	(4)	   MATH 	5C	Analytic Calculus	Geometry III	and	(5)
MATH 21D	Vector Analysis	(4)	   MATH 	5C	Analytic Calculus	Geometry III	and	(5)

MATH	22A	Linear Algebra	(3)	MATH 	6	Introduction to Linear Algebra	(3)
MATH	22B	Differntl Equations	(3)	MATH 	7	Introduction to Differential Equations	(3)
CHEM	2A	Genl Chemistry	(5)	СНЕМ	1A	General Chemistry I	(5)
CHEM	2B	Genl Chemistry	(5)	CHEM	_	General Chemistry I General Chemistry II	(5) (5)
CHEM	2C	Genl Chemistry	(5)	CHEM	1B	General Chemistry II	(5)
CHEM	8A	Organic Chem-Brief	(2)	CHEM  CHEM 	12A 12AL	<pre>Organic Chemistry I Organic Chemistry Laboratory I</pre>	(3)
CHEM	8B	Organic Chem-Brief	(4)	CHEM  CHEM 	12B 12BL	Organic Chemistry II Organic Chemistry Laboratory II	(3)
CHEM	118A	Org Chem, Hlth & Sci	(4)	CHEM  CHEM 	12A 12AL	© Organic Chemistry I Organic Chemistry Laboratory I	(3)
CHEM	118B	Org Chem, Hlth & Sci	(4)	   CHEM   CHEM	12A 12AL	<pre>     Organic Chemistry I     Organic Chemistry     Laboratory I </pre>	(3)
				CHEM CHEM	12B 12BL	© Organic Chemistry II Organic Chemistry Laboratory II	(3)
CHEM	128A	Organic Chemistry	(3)	CHEM	12A	Organic Chemistry I	(3)
CHEM	128B	Organic Chemistry	(3)	CHEM  CHEM	12A <u>8</u> 12B	Organic Chemistry I Organic Chemistry II	(3)
CHEM	129A	Organic Chem Lab	(2)	CHEM 	12AL	Organic Chemistry Laboratory I	(2)
PHYSI	CS 9A	Classical Physics	(5)	PHYS 	4A	Physics for Scientists and Engineers I	(5)
	CS 9B	Classical Physics	(5)	PHYS	4C		
	CS 9C	Classical Physics	(5)	PHYS 	4B	Physics for Scientists and Engineers II	
		Modern Physics					
		Fundamentals of Bioengineering		İ			
ENGIN	 r 4	Bioengineering	(3)	    ENGR	 25	Graphics and Design	
ENGIN	. — — — — — — — — — — — — — — — — — — —	Bioengineering  Graphics in Design 	(3)	     ENGR 	25 	Graphics and Design	(4)
ENGIN ENGIN ENGIN	6 1 17	Bioengineering Graphics in Design	(4)	ENGR ENGR ENGR ENGR	25 30 15	Graphics and Design  Computer Applications in Engineering  Circuits	(4)  (4)  (4)

ENGIN 45	Prop of Mats	(4)	ENG	R 45	Engineering Materials (	(4)
ENG CS 20	C Sci/Discrete Math	(4)	   	Same <b>OR</b>	as:	(4)
			RAM 	CH 23 Same	-	(4)
	Programming ENG CS 30	(4)	  CS   	11	Introduction to ( Programming Concepts and Methodology, C++	(4)
			  CS   	<u>OR</u> 11M	Introduction to C/C++ ( Programming Using Microcontrollers	(4)
			  CS   	<u>OR</u> 12J	Introduction to ( Programming Concepts & Methodology, JAVA	(4)
			  CS   	<u>OR</u> 12GP	Introduction to ( Programming Using Games and Simulations	(4)
			  CS	<u>OR</u> 20J	Java Programming (	(4)
	Object-Oriented Program ENG CS 40	(4)	  CS 	19		(4)
ENG CS 50	Machine Dependent Prog	(4)	  CS 	24	Elementary Computer ( Organization	4
ENG CS 36C (4)	Data Structures  Structures and Algo			21	Introduction to Data (	· 4
ENG BS 1	Biosys Engr Fndts	(4)	NO	COMP	ARABLE COURSE	
ENG BS 75	Prop Mat in Bio Sys	(4)	NO	COMP		
ENG MEC 50	Mfg Processes		ио	COMP	ARABLE COURSE	
ENG CHM 51	Material Balances	(4)				
	Engineering Problem Solv	(4)	NO	COUR	SE ARTICULATED	
ENG CHM 80	Chem Engr Profession	(1)	NO	COMP	ARABLE COURSE	
ENG E&C 7	Prog & Microcontrollers	(4)	NO	COUR	SE ARTICULATED	
	Expository Writing		ENG   	SL 1A Same <u>OR</u>		(3)
			ENG       	SL 1AI Same <b>OR</b>	MC College Composition: (	3

			!	1AH ame as <b>OR</b>	Honors College Composition	(3)
			   	1AMCF	Composition: Multicultural Emphasis	(3)
				ame as	;. 	
ENGLISH 3	Intro to Lit	(4)	į	1B OR	Composition and Literature	(3)
			ENGL	1BH	Honors Composition and Literature	(3)
				<u>OR</u> 1BMC	Composition and Literature: Multicultural Emphasis	(3)
COMUNCN 1	Intro Public Spkg	(4)	:		Public Speaking	(3)
			COMM		Honors Public Speaking	(3)
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	COMM	7	Interpersonal Communications	(3)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIO   	9A	Molecular, Cellular, and Animal Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIO   	9B	Ecology, Evolution, and Plant Biology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIO	_	Molecular, Cellular, and Animal Biology Ecology, Evolution, and Plant Biology	
j) GEOLOGY	50 Physical Geology	(3)	GEOL	10	Physical Geology	(4)
ATM SCI 60	Intro to Atmospheric Science	(4)	NO C	OMPAR	ABLE COURSE	

j) If a student takes GEOL 10 at Cabrillo College, credit will be granted for UC Davis's GEOLOGY 1 or 50+50L, not both.