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

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

Special Advising Note:

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

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

END OF MAJOR

====African American and African Studies A.B.==== Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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ONE COURSE FROM THE FOLLOWING:

AF-AMST 10 AF-AMST 12	Af-Am Culture & Soc Intro Afro Studies		submitted	ARTICULATED: College has not course(s)for articulation ARTICULATED: College has not course(s) for articulation	
	ONE COURSE FR		HE FOLLOWII	NG:	
AF-AMST 15 AF-AMST 17	Intro Afro Amer Hum Women in Africa		submitted	ARTICULATED: College has not course(s) for articulation ARTICULATED: College has not	
AF-AMST 18	Intro Caribbean Studies		submitted	course(s) for articulation ARTICULATED: College has not	
AF-AMSI 10 AF-AMST 50	Blk Images Pop Cult		submitted	course(s) for articulation ARTICULATED: College has not	
AF-AMST 51	History Af-Amr Dance		submitted	course(s) for articulation ARTICULATED: College has not	
AF-AMSI 51	Afr Tradit Relig		submitted	course(s) for articulation ARTICULATED: College has not	
AF-AMSI 52	Black Politics		submitted	course(s) for articulation ARTICULATED: College has not	
AF-AMSI 60	Black Politics	(4)		course(s) for articulation	
	ONE COURSE FROM THE FOLLOWING:				
	Cultural Anthropology Princ of Microecon		ANTH 310 ECON 304	Cultural Anthropology (3) Principles of (3)	

111(1111(0) 2	carcarar intenroporogy	()//1	carcarar intent operegy	(3)
ECON 1A	Princ of Microecon	(4) ECON 30	4 Principles of	(3)
			Microeconomics	
ECON 1B	Princ of Macroecon	(4) ECON 30	2 Principles of	(3)
			Macroeconomics	
SOCIOL 1	Intro Sociology	(5) SOC 300	Introductory Sociology	(3)
POL SCI 1	Amer Natl Govt	(4) POLS 30	1 Introduction to	(3)
			Government: United	
			States	
POL SCI 2	Intro Comp Politics	(4) POLS 30	2 Introduction to	(3)
			Government: Foreign	

ONE COURSE FROM THE FOLLOWING:

CHICANO 10	Intro to Chic Std	(4)	NO COURSE ARTICULATED: College has not	
		(1)	submitted course(s) for articulation	
n a std 1	Intro NA Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
n a std 10	NA Experience	(4)	NO COURSE ARTICULATED: College has not	
		(1)	submitted course(s) for articulation	
AMR STD 10	Intro American Studies	з (4)	NO COMPARABLE COURSE	
A A STD 1	Hist Exp Asian Am	(4)	NO COMPARABLE COURSE	
a a std 2	Contemp Issues of Asian	n (4)	NO COMPARABLE COURSE	
	Americans	(1)	NO COUDCE ADDICULATED. College has not	
WOM STD 50	Intro Gender Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
TWO COURSES FROM THE FOLLOWING:				
HISTORY 15A	Africa to 1900	(4)	NO COURSE ARTICULATED	
HISTORY 15B	Africa Today		NO COURSE ARTICULATED	
HISTORY 17A	U.S. History	(4)	HIST 310 History of the United (3)	
			States OR	
			HIST 312 History of the United (3)	
			States (to 1865)	
HISTORY 17B	U.S. History	(4)	HIST 311 History of the United (3)	
			States	
			OR HIST 313 & History of the United (3)	
			States (1865-1945)	
			HIST 314 Recent United States (3)	
			History	
	4 QUARTER UNI	rs fro	M THE FOLLOWING:	
ΔΕ ΔΜΟΤ 16	African Verbal Arts	(1)	NO COURSE ARTICULATED: College has not	
AF-AMSI 10	Allican Verbai Alts	(=)	submitted course(s) for articulation	
AF-AMST 51	History Af-Amr Dance	(4)	NO COURSE ARTICULATED: College has not	
	-	. ,	submitted course(s) for articulation	
DRAMART 41A	Beg Jazz Dance	(2)	NO COURSE ARTICULATED: College has not	
			submitted course(s)for articulation	
DRAMART 41B	Inter Jazz Dance	(2)	NO COMPARABLE COURSE	
DRAMART 44A			NO COURSE ARTICULATED: College has not	
			submitted course(s)for articulation	
DRAMART 44B	Inter Hip Hop Dance	(2-4)	NO COURSE ARTICULATED: College has not	
			submitted course(s) for articulation	
MUSIC 28	Introduction to African	(4)	NO COMPARABLE COURSE	
	American Music			
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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 U<u>C Transfer Admission website</u> for details. UC Davis requires that students complete the minimum transfer admission requirement by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer admission. See the U<u>C Transfer Admission website</u>. The courses used for the A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions. *Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

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

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

HISTORY 17A	U.S. History	(4)	HIST 310 History of the United (3) States
	OR		<u>OR</u> HIST 312 History of the United (3) States (to 1865) OR
POL SCI 1	Amer Natl Govt	(4)	POLS 301 Introduction to (3) Government: United States
A	MINIMUM OF 8 QUARTER UNITS	FRO	M EACH OF THE FOLLOWING AREAS:
	Domest Ani & People	(4)	NO COMPARABLE COURSE
AN SCI 2	Intro Animal Sci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AN SCI 21	Livestock&Dairy Jdg	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AN SCI 41	Domestic Ani Prod	(2)	NO COMPARABLE COURSE
ABIOSYT 16	Metal Prop & Fabr	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
ABIOSYT 49	Fld Equip Oper	(2)	NO COMPARABLE COURSE
ABIOSYT 52	Field Equip Welding	(2)	NO COURSE ARTICULATED: College has not
			submitted course(s)for articulation
AGRESEC 15		(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
5001 13	AND	(1)	
ECON IA	Princ of Microecon	(4)	ECON 304 Principles of (3) Microeconomics
FCON 1B	OR Princ of Macroecon	(4)	OR ECON 302 Principles of (3)
		(1)	Macroeconomics
ENVHORT 1	Intro Envhort/Urb For	(3)	HORT 300 Intro to Horticulture (3)
ENVHORT 6	Intro Environ Plants	(4)	NO COURSE ARTICULATED: College has not
	Dlante Goud Ouch (Lond	(2)	submitted course(s) for articulation
PL SCI 5	Plants Gard, Orch & Land	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
FORMERLY PI	ANT BIO 1		
ENV S&P 10	Current Issues in Environment	(3)	BIOL 350 Environmental Biology (3) Same as: ENVT 304
ENV S&P		stud	ents who have completed ENV S&P 1
	Intro Environ		NO COURSE ARTICULATED: College has not
	Toxicology	(2)	submitted course(s) for articulation
Same as:	SCI&SOC 10	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	Agr Nature & Society		
	Bot Physio Cul Plt		
PL SCI 15	Intro Sustainable	(4)	NO COURSE ARTICULATED: College has not
	Agriculture		submitted course(s) for articulation

PL SCI 49 Org Crop Prod Prac	(3) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
d) VIT-ENO 2 Intro to Viticult	(2) VITI 300 Viticulture and (3) Enology
d) VIT-ENO 3 Intro Winemaking	(3) VITI 300 Viticulture and (3) Enology
ALL OF THE F	FOLLOWING COURSES:
BIOLSCI 2A Intro Biology:Life on Earth	(5) BIOL 400 Principles of Biology (5)
BIOLSCI 2B Intro Biology: Ecology & Evolution	(5) BIOL 410 <u>&</u> Principles of Botany (5) BIOL 420 Principles of Zoology (5)
CHEM 2A Genl Chemistry CHEM 2B Genl Chemistry	(5) CHEM 400General Chemistry(5)(5) CHEM 400 & General Chemistry(5) CHEM 401General Chemistry(5)
i) GEOLOGY 1 The Earth GEOLOGY 20 California Geology SOILSCI 10 Soils in Our Environment	<pre>(4) GEOL 300 Physical Geology (3) (2) GEOL 345 Geology of California (3) (3) NO COURSE ARTICULATED: College has not submitted course(s)for articulation</pre>
MATH 16A Short Calculus MATH 16B Short Calculus OR	(3) MATH 400 Calculus I (5) (3) MATH 401 Calculus II (5) 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 MATH 21A Calculus	OR (4) MATH 400 Calculus I (5)
MATH 21A Calculus MATH 21B Calculus	(4) MATH 400 Calculus I (5) $(4) MATH 401 Calculus II (5)$
PHYSICS 7A General Physics	(4) PHYS 350 & General Physics (4) PHYS 360 General Physics (4)
PHYSICS 7B General Physics	PHYS 360General Physics(4)(4)PHYS 350 & General Physics(4)PHYS 360General Physics(4)

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

END OF MAJOR

- d) Students at Folsom Lake College who take VITI 300 will receive credit at UC Davis for VIT-ENO 2 or 3, not both.
- i) If a student takes GEOL 300 at Folsom Lake College, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.

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

Special Advising Note:

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

College Foreign Language Requirement Note:

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

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

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

ONE COURSE FROM THE FOLLOWING:

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

	Amr Images Pop Cult			BLE COURSE	
AMR STD 55		(4)	NO COURSE . submitted	ARTICULATED: College has course(s) for articulatic	
	Music and American Culture		NO COURSE	ARTICULATED: College has courses for articulation	not
	ONE COURSE FRO	OM T	HE FOLLOWIN	G:	
	Af-Am Culture & Soc		submitted	ARTICULATED: College has course(s)for articulation	
	Hist Exp Asian Am Intro to Chic Std			BLE COURSE ARTICULATED: College has	not
			submitted	course(s) for articulatic ARTICULATED: College has course(s) for articulatic	on not
	ONE COURSE FRO	 יידי זאר			
		-			
	ltural Anthropology elf and Society			Cultural Anthropology	(3)
			NO COURSE	ARTICULATED: College has course(s) for articulatio	
	ONE COURSE FRO	ом т	HE FOLLOWIN	G:	
HISTORY 17A	U.S. History	(4)		History of the United States	(3)
			<u>OR</u> HIST 312 	States (to 1865)	
HISTORY 17B	U.S. History	(4)	HIST 311 OR	History of the United States	(3)
			HIST 313 &	History of the United States (1865-1945)	(3)
			 HIST 314 	Recent United States History	(3)
	Am Women & Gender Am Women & Gender		NO COMPARA		(3)
		(=)		History	
	ONE COURSE FRO				
ENGLISH 3 1	Intro to Lit	(4)	ENGWR 301 	College Composition and Literature	(3)
ENGLISH 10A	Literatures in English I: To 1700	(4)	ENGLT 310	English Literature I	(3)
ENGLISH 10B	Literatures in English II: 1700-1900	(4)	ENGLT 320	American Literature	(3)
ENGLISH 10C	Literatures in English III: 1900 to Present	(4)	OR	English Literature II	(3)
			ENGLT 321	American Literature II	(3)
Formerly	Intro to Film Studies Humanities 10	(4)	TA 310		(3)
END OF MAJOR					

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

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

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

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

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

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

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

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_____ BIOLSCI 2A Intro Biology:Life on (5) | BIOL 400 Principles of Biology (5) Earth BIOLSCI 2B Intro Biology: Ecology (5) | BIOL 410 <u>&</u> Principles of Botany (5)

 & Evolution
 BIOL 420
 Principles of Botany
 (5)

 BIOLSCI 2C
 Intro Biology:
 (5)
 BIOL 410 & Principles of Botany
 (5)

 Biodiversity & the Tree
 BIOL 420
 Principles of Botany
 (5)

 of Life
 Image: State of Botany
 (5)

 _____ CHEM 2AGenl Chemistry(5)CHEM 400General Chemistry(5)CHEM 2BGenl Chemistry(5)CHEM 400 $\underline{\mathbf{\&}}$ General Chemistry(5)CHEM 2CGenl ChemistryCHEM 401General ChemistryCHEM 2CGenl Chemistry(5)CHEM 401General Chemistry (5) (5) _____ CHEM 8A Organic Chem-Brief (2) NO COMPARABLE COURSE CHEM 8B Organic Chem-Brief (4) NO COMPARABLE COURSE OR | OR ORORCHEM 118AOrg Chem, Hlth & Sci(4) CHEM 420Organic Chemistry(5)CHEM 118BOrg Chem, Hlth & Sci(4) CHEM 420 & Organic Chemistry(5)CHEM 118BOrg Chem, Hlth & Sci(4) CHEM 421Organic Chemistry(5) CHEM 421 Organic Chemistry (5) _____ MATH 16AShort Calculus(3) | MATH 400Calculus I(5)MATH 16BShort Calculus(3) | MATH 401Calculus II(5)MATH 16CShort Calculus(3) | MATH 401Calculus II(5)MATH 16CShort Calculus(3) | MATH 401Calculus II(5) OR OR MATH 17A Calculus for BioSci (4) NO COURSE ARTICULATED: College has not MATH 17BCalculus for Biosci(4) NO COURSE ARTICULATED: College has not
submitted course(s) for articulationMATH 17CCalculus for BioSci(4) NO COURSE ARTICULATED: College has not
submitted course(s) for articulation submitted course(s) for articulation OR OR (4) MATH 400 Calculus I MATH 21A Calculus (5)

 (4) | MATH 401
 Calculus II
 (5)

 (4) | MATH 402
 Calculus III
 (5)

 MATH 21B Calculus MATH 21C Calculus _____ (4) | PHYS 350 & General Physics(4)| PHYS 360General Physics(4) PHYSICS 7A General Physics PHYSICS 7B General Physics (4) PHYS 350 & General Physics (4) PHYS 360 General Physics PHYSICS 7CGeneral PhysicsGeneral Physics(4)PHYS 350General PhysicsPHYS 360General PhysicsBerlinePHYS 360General Physics (4) (4) (4)

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

STATIST 13 Same as: S	Elementary Statistics TATIST 13Y	(4)	STAT 300 	Introduction to Probability and Statistics	(4)
			<u>OR</u> PSYC 330	Introductory Statistics for the Behavioral Sciences	(3)
AN BIOL 50A	Animal Biol Lab	(2)		ARTICULATED: College has course(s) for articulati	
AN BIOL 50B	Animal Biology	(3)	NO COURSE	ARTICULATED: College has course(s) for articulati	not
AN BIOL 50C	Animal Biology	(3)	NO COURSE	ARTICULATED: College has course(s) for articulati	not
END OF MAJOR					

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

AN SCI 1 AN SCI 2	Domest Ani & People Intro Animal Sci		NO COMPARABLE COURSE NO COURSE ARTICULATED: College has not submitted course(s) for articulation
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 400 Principles of Biology (5)
BIOLSCI 2B BIOLSCI 2C	Intro Biology: Ecology & Evolution Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 410 & BIOL 420Principles of Botany(5)BIOL 420Principles of Zoology(5)BIOL 410 & BIOL 420Principles of Botany(5)PIOL 420Principles of Zoology(5)
CHEM 2A CHEM 2B	Genl Chemistry Genl Chemistry	• •	CHEM 400General Chemistry(5)CHEM 400&General Chemistry(5)CHEM 401General Chemistry(5)
CHEM 8A CHEM 8B	Organic Chem-Brief Organic Chem-Brief		NO COMPARABLE COURSE
PL SCI 21	Computers in Technology	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

B) ENG CS	OR 15 Intro to Computers	(4)	 CISC 310 	OR Introduction to Computer Information Science	(3)
ECON 1A	Princ of Microecon	(4)	ECON 304	Principles of	(3)
ECON 1B	Princ of Macroecon	(4)	 ECON 302 	Microeconomics Principles of Macroeconomics	(3)
MGMT 11A	Elem Accounting	(4)	ACCT 301	Financial Accounting	(4)
MGMT 11B			ACCT 311		
 MATH 16A	Short Calculus	(3)	MATH 400	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 401	Calculus II	(5)
MATH 16C	Short Calculus	(3)	MATH 401	Calculus II	(5)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	NO COURS	E ARTICULATED: College has	not
			submitte	d course(s) for articulati	on
MATH 17B	Calculus for Biosci	(4)		E ARTICULATED: College has	
				d course(s) for articulati	
MATH 17C	Calculus for BioSci	(4)		E ARTICULATED: College has	
			submitte	d course(s) for articulati	on
	OR			OR	
MATH 21A	Calculus			Calculus I	(5)
MATH 21B	Calculus	. ,	1	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 402	Calculus III	(5)

AREAS OF SPECIALIZATION:

AQUATIC ANIMALS SPECIALIZATION

AN	SCI	18	Intro Aquaculture	(4) NO COMPARABLE COURSE	
	COMPANION ANIMALS SPECIALIZATION				
AN	SCI	42	Intro Comp Ani Bio	(4) NO COMPARABLE COURSE	
			DAIRY SPEC	TALIZATION	
AN	SCI	41L		<pre>(2) NO COMPARABLE COURSE (2) NO COURSE ARTICULATED: College has not</pre>	
				CIALIZATION	
AN	SCI	15	Intro Horse Husb	(3) NO COMPARABLE COURSE	
			LIVESTOCK S	PECIALIZATION	
			Domestic Ani Prod Domest An Prod Lab	<pre>(2) NO COMPARABLE COURSE (2) NO COURSE ARTICULATED: College has not submitted course(s) for articulation</pre>	
	POULTRY SPECIALIZATION				
			Intro Poultry Sci	(3) NO COMPARABLE COURSE	
				IVES (12 QUARTER UNITS):	

AGRESEC 18 Business Law (4) BUS 341 Advanced Business Law (3)

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

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

Special Advising Note:

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

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

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Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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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AP and IB examination credit policies are detailed in the UC Davis 2018-19 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

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)	<pre>NO COMPARABLE COURSE NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COMPARABLE COURSE NO COURSE ARTICULATED: College has not submitted course(s)for articulation</pre>
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 400 Principles of Biology (5)
BIOLSCI 2B BIOLSCI 2C	Intro Biology: Ecology & Evolution	(5)	BIOL 420 Principles of Zoology (5) BIOL 410 & Principles of Botany (5)
	Genl Chemistry Genl Chemistry		CHEM 400General Chemistry(5)CHEM 400&General Chemistry(5)CHEM 401General Chemistry(5)
CHEM 8A CHEM 8B	Organic Chem-Brief Organic Chem-Brief OR		NO COMPARABLE COURSE NO COMPARABLE COURSE OR
CHEM 118A CHEM 118B	Org Chem, Hlth & Sci Org Chem, Hlth & Sci		CHEM 420Organic Chemistry(5)CHEM 420&Organic Chemistry(5)CHEM 421Organic Chemistry(5)
 МАТН 16А МАТН 16В	Short Calculus Short Calculus OR		MATH 400 Calculus I (5) MATH 401 Calculus II (5) 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 21A	OR Calculus	(1)	OR MATH 400 Calculus I (5)
MATH 21A MATH 21B	Calculus		MATH 400Calculus I(5)MATH 401Calculus II(5)

AREAS OF SPECIALIZATION:

AQUATIC ANIMALS

				Aquaculture			COURSE	
				AVIAN S	CIENCES			
				,Humans & Env	(3) NO	COMPARABLE	COURSE	
	COMPANION AND CAPTIVE ANIMALS							
AN 				Comp Ani Bio			COURSE	
	EQUINE SCIENCE							
AN 	SCI	15	Intro	Horse Husb	(3) NO	COMPARABLE	COURSE	
				LABORATO	RY ANIM	ALS		
AN	SCI	42	Intro	Comp Ani Bio	(4) NO	COMPARABLE	COURSE	
	POULTRY							
AV	SCI	11	Intro	Poultry Sci	(3) NO	COMPARABLE	COURSE	
END	 ТО (MAJOR					·	

END OF MAJOR

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

Special Advising Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

EVOLU	TIONARY	EMPHZ	ASIS:		
ANTHRO 1 Human Evol Biol	(4)	ANTH	300	Physical Anthropology	(3)
ANTHRO 2 Cultural Anthropology	(5)	ANTH	310	Cultural Anthropology	(3)
b) ANTHRO 3 Intr to Archaeology	(4)	ANTH	320	Introduction to	(3)
				Archaeology and World	
				Prehistory	

ONE COURSE FROM THE FOLLOWING:

(3)
(3)
not
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5

ONE COURSE FROM THE FOLLOWING:

ANTHRO 13 Sci Method in Physical Anthropology	. ,	submitted	ARTICULATED: College has course(s) for articulati	
SOCIOL 46B Intro Social Rsch	(5)	NO COMPARA	BLE COURSE	
STATIST 13 Elementary Statistics	(4)	STAT 300	Introduction to	(4)
Same as: STATIST 13Y			Probability and	
			Statistics	
		OR		
		PSYC 330	Introductory	(3)
			Statistics for the	
			Behavioral Sciences	
STATIST 32 Gateway to Data Science	(4)	NO COURSE	ARTICULATED: College has	not
		submitted	course(s) for articulati	on
SOCIOC	ULTUR	AL EMPHASIS	:	
ANTHRO 2 Cultural Anthropology	(5)	ANTH 310	Cultural Anthropology	(3)

ANTHRO 1	Human Evol Biol	(4)	ANTH 300	Physical Anthropology	(3)
b) ANTHRO	3 Intr to Archaeology	(4)	ANTH 320	Introduction to	(3)
				Archaeology and World	
				Prehistory	
ANTHRO 4	Anthro Linguistics	(4)	NO COURSE	ARTICULATED: College has	not
			submitted	course(s) for articulati	on

SELECT ONE OF THE FOLLOWING TWO OPTIONS:

1) Two additional quarters of the foreign language used to meet the L & S language requirement.

2) Two courses from the following list:

ANTHRO 20	Comparative Cultures	(4)	NO COURSE	ARTICULATED: College has not
			submitted	course(s) for articulation
ANTHRO 30	Sexualities	(4)	NO COURSE	ARTICULATED: College has not
			submitted	course(s)for articulation
ANTHRO 32	Drugs, Science and	(4)	NO COURSE	ARTICULATED: College has not
	Culture		submitted	course(s) for articulation
Same as:	SCI&TEC 32			
ANTHRO 34	Cultures of Consumerism	(4)	NO COURSE	ARTICULATED: College has not
			submitted	course(s) for articulation

END OF MAJOR

b) Students who complete ANTHROPOLOGY 320 at Folsom Lake College may receive credit at UC Davis for either ANTHROPOLOGY 3 OR ANTHROPOLOGY 23, not both.

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

Special Advising Note:

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

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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AP and IB examination credit policies are detailed in the UC Davis 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 ANTHRO 2 b) ANTHRO	Human Evol Biol Cultural Anthropology 3 Intr to Archaeology	(5)	ANTH ANTH ANTH 	310		Physical Anthropology Cultural Anthropology Introduction to Archaeology and World Prehistory	(3) (3) (3)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL	400		Principles of Biology	(5)
BIOLSCI 2B		(5)	 BIOL BIOL		_	Principles of Botany Principles of Zoology	(5) (5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL BIOL	410	<u>&</u>	Principles of Botany Principles of Zoology	(5) (5)
CHEM 2A CHEM 2B	Genl Chemistry Genl Chemistry	(-)	CHEM CHEM CHEM	400	_	General Chemistry General Chemistry General Chemistry	(5) (5) (5)
CHEM 8A CHEM 8B	Organic Chem-Brief Organic Chem-Brief OR	• •	1			LE COURSE LE COURSE OR	
CHEM 118A CHEM 118B	Org Chem, Hlth & Sci Org Chem, Hlth & Sci		CHEM CHEM CHEM	420	&	Organic Chemistry Organic Chemistry Organic Chemistry	(5) (5) (5)
MATH 16A	Short Calculus		MATH			Calculus I	(5)
матн 16в Матн 16С	Short Calculus Short Calculus OR		MATH MATH 			Calculus II Calculus II OR	(5) (5)
MATH 17A	Calculus for BioSci	(4)				RTICULATED: College has ourse(s) for articulati	
МАТН 17В	Calculus for Biosci	(4)	NO CO	DURSI	E A	RTICULATED: College has ourse(s) for articulati	not
MATH 17C	Calculus for BioSci	(4)	NO CO	DURSI	E Al	RTICULATED: College has ourse(s) for articulati	not
	OR					OR	
MATH 21A	Calculus	(4)	MATH	400		Calculus I	(5)
MATH 21B	Calculus		MATH			Calculus II	(5)
MATH 21C	Calculus	(4)	MATH	402		Calculus III	(5)
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### ONE COURSE FROM THE FOLLOWING:

ANTHRO 13	Sci Method in Physical	(4)	NO COURSE	ARTICULATED: College has	s not
	Anthropology		submitted	course(s) for articulati	on
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARA	ABLE COURSE	
STATIST 13	Elementary Statistics	(4)	STAT 300	Introduction to	(4)
Same as:	STATIST 13Y			Probability and	
				Statistics	

			PSYC 330	Introductory	(3)
				Statistics for the	
				Behavioral Sciences	
STATIST 32	Gateway to Data Sc	cience (4)	NO COURSE 2	ARTICULATED: College has	not
			submitted	course(s) for articulati	on

END OF MAJOR

b) Students who complete ANTHROPOLOGY 320 at Folsom Lake College may receive credit at UC Davis for either ANTHROPOLOGY 3 OR ANTHROPOLOGY 23, not both.

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

### Special Advising Note:

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

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### 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.

### Recommended Language Preparation Note:

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

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

**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 21ACalculus(4) | MATH 400Calculus I(5)MATH 21BCalculus(4) | MATH 401Calculus II(5)MATH 21CCalculus(4) | MATH 402Calculus III(5)MATH 21DVector Analysis(4) | MATH 402Calculus III(5)MATH 22BDifferntl Equations(3) | MATH 420Differential Equations (4)MATH 22ALLin Alg Comp Lab(1) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation or equivalent basic knowledge of MATLAB. BOTH OF THE FOLLOWING COURSES: MATH 22A Linear Algebra (3) MATH 410 Introduction to Linear (3) Algebra AND AND MATH 108 Intro Abstract Math (4) This course must be taken at UC Davis OR SELECT THE FOLLOWING COURSE: MATH 67 Modern Linear Algebra (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation _____ NOTE: Basic knowledge of MATLAB is required for both MATH 67 and 22A. Students can learn it on their own, enroll in Engineering 6, Mechanical Engineering 5 or in the one unit course Mathematics 22AL (may be taken concurrently). _____ ENG CS 32A Intro to Programming(4) |CISP 370 Beginning Visual BASIC (4) Formerly ENG CS 10 | ENGIN 6 Engr Prob Solving (4) NO COMPARABLE COURSE Please note that the community college's computer science courses may not be identical to UC Davis courses. Community college students, upon transfer to UC Davis, may need to make up any topic or language deficiencies. _____ STUDENTS WILL NEED TO CHOOSE ONE OF THE FOLLOWING TWO-COURSE SEQUENCES: BIOLSCI 2A Intro Biology:Life on (5) BIOL 400 Principles of Biology (5) Earth BIOLSCI 2B Intro Biology: Ecology (5) BIOL 410 & Principles of Botany (5) & Evolution BIOL 420 Principles of Zoology (5) OR OR (5) CHEM 400 General Chemistry
 (5) CHEM 400 & General Chemistry
 CHEM 401 General Chemistry CHEM 2A Genl Chemistry (5) Genl Chemistry CHEM 2B (5) (5) OR OR (4) ECON 304 Principles of ECON 1A Princ of Microecon (3) Microeconomics ECON 1B Princ of Macroecon (4) ECON 302 Principles of (3) Macroeconomics OR OR PHYSICS 9A Classical Physics (5) PHYS 411 Mechanics of Solids (4) and Fluids PHYSICS 9B Classical Physics (5) PHYS 431 Heat, Waves, Light and (4) Modern Physics 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

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

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### Special Advising Note:

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

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

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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).

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-Physics 9A/B/C/D or Physics 9HA/HB/HC/HD/HE
-Mathematics 21A/B/C/D
-Mathematics 22A/B
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*Information for future applicants is subject to change

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### Transfer Admission Guarantee (TAG) Note:

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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 2018-19General Catalog. Quick reference charts for AP and IB are alsoavailable from our TAG website.PHYSICS 9AClassical Physics(5) PHYS 411Mechanics of Solids(4)

	-			and Fluids	
PHYSICS 9B	Classical Physics	(5)	PHYS 431		(4)
	2	( - )		Modern Physics	( )
PHYSICS 9C	Classical Physics	(5)	PHYS 421	Electricity and	(4)
	-	. ,		Magnetism	. ,
PHYSICS 9D	Modern Physics	(4)	NO COMPAR	ABLE COURSE	
	OR		İ	OR	
PHYSICS 9HA	Honors Physics	(5)	NO COURSE	ARTICULATED: College has	not
			submitted	course(s) for articulati	on
PHYSICS 9HB	Honors Physics	(5)	NO COURSE	ARTICULATED: College has	not
			submitted	course(s) for articulati	on
PHYSICS 9HC	Honors Physics	(5)	NO COURSE	ARTICULATED: College has	not
			submitted	course(s) for articulati	on
PHYSICS 9HD	Honors Physics	(5)	NO COURSE	ARTICULATED: College has	not
			submitted	course(s) for articulati	on
PHYSICS 9HE	Honors Physics	(5)	NO COURSE	ARTICULATED: College has	not
			submitted	course(s) for articulati	on
	Calculus		MATH 400	Calculus I	(5)
	Calculus	• •	MATH 401	Calculus II	(5)
MATH 21C	Calculus		MATH 402		(5)
MATH 21C MATH 21D MATH 22A	Vector Analysis	(4)	MATH 402	Calculus III	(5)
MATH 22A	Linear Algebra	(3)	MATH 410	Introduction to Linear	(3)
				Algebra	
MATH 22B	Differntl Equations	(3)	MATH 420	Differential Equations	(4)
	ATMOSPHERIC PH				
PHYSICS 40	Intr Physics Computation	(4)	INO COURSE	ARTICULATED	
	CHEMICAL PH	YSIC	S CONCENTR	 ATION	
CHEM 2A G	enl Chemistry	(5)	CHEM 400	General Chemistry	(5)
CHEM 2B G	enl Chemistry	(5)	CHEM 400	General Chemistry	(5)
0.1211 22 0		(0)	CHEM 401	General Chemistry	(5)
CHEM 2C G	enl Chemistry	(5)	CHEM 401	General Chemistry	(5)
	Intr Physics Computation				(3)
	COMPUTATIONAL	PHY	SICS CONCE	NTRATION	
ENG CS 36A	Programming	(4)	CISP 360	Introduction to	(4)
Formerly	ENG CS 30			Structured Programming	
			1		

ENG CS 36B Object-Oriented Program (4) CISP 400 Object Oriented (4) Formerly ENG CS 40 Programming with C++

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

_____ _____ GEOPHYSICS CONCENTRATION PHYSICS 40 Intr Physics Computation (4) NO COURSE ARTICULATED _____ _____ ------MATERIALS SCIENCE CONCENTRATION PHYSICS 40 Intr Physics Computation (4) NO COURSE ARTICULATED _____ _____ PHYSICAL ELECTRONICS CONCENTRATION ENGIN 17 Circuits I (4) ENGR 400 Introduction to (3) Electrical Circuits and Devices PHYSICS 40 Intr Physics Computation (4) NO COURSE ARTICULATED PHYSICS 80 Experimental Techniques (4) NO COURSE ARTICULATED _____ _____ PHYSICAL OCEANOGRAPHY CONCENTRATION PHYSICS 40 Intr Physics Computation (4) NO COURSE ARTICULATED _____ 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 <u>transfer admission website</u>. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

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### Transfer Admission Guarantee (TAG) Note:

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

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

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

### College Foreign Language Requirement Note:

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

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information.

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

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

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### FOUR COURSES FROM THE FOLLOWING:

_____

			-	-			
ARTHI	1A	Ancient Mediterranean Art	(4)	ARTH	303	Art Survey: Ancient to	(3)
						14th Century	
ARTHI	1B	Mediev&Renaiss Art	(4)	ARTH	309	Art Survey:	(3)
						Renaissance to 19th	
						Century	
ARTHI	1C	Baroque to Modern Art	(4)	ARTH	311	Art Survey: Modern Art	(3)
ARTHI	1D	Arts of Asia	(4)	ARTH	332	Asian Art	(3)
ARTHI	1E	Islamic Art &	(4)	ARTH	333	Introduction to	(3)
		Architecture				Islamic Art	
ARTHI	5	Visual Culture	(4)	NO CO	URSE A	ARTICULATED: College has	not
				submi	tted c	course(s) for articulatio	n
ARTHI	25	Understanding	(4)	NO CO	URSE A	ARTICULATED: College has	not
		Architecture	-			course(s)for articulation	

### ONE ART STUDIO COURSE FROM:

ART	2	Beginning Drawing	(4)	ART 300 & Drawing and Composition (3)
				I
				ART 302 Drawing and Composition (3)
				II
ART	5	Beginning Sculpture	(4)	ART 372 & Sculpture (3)
				ART 373 Intermediate Sculpture (3)
ART	7	Beginning Painting	(4)	ART 327 Painting I (3)
ART	8	Beginning Ceramic Sculpture	(4)	NO COMPARABLE COURSE
ART	9	Beginning Photography	(4)	NO COURSE ARTICULATED: College has not
				submitted course(s) for articulation
ART	11	Beginning Printmaking	(4)	ART 361 Printmaking: Survey (3)
ART	12	Beginning Video	(4)	NO COURSE ARTICULATED: College has not
				submitted course(s) for articulation
ART	24	Intro Experimental Video	(4)	NO COURSE ARTICULATED: College has not
		and Film		submitted course(s) for articulation
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 <u>transfer admission website</u>. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

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

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

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

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### Education(GE) Note:

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

### College Foreign Language Requirement Note:

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

	FOUR COURSES FI	ROM	THE FOLLOWING:
ART 2	Beginning Drawing	(4)	ART 300 & Drawing and Composition (3)
			I
			ART 302 Drawing and Composition (3)
			II
ART 5	Beginning Sculpture	(4)	ART 372 & Sculpture (3)
			ART 373 Intermediate Sculpture (3)
ART 7	Beginning Painting	(4)	ART 327 Painting I (3)
ART 8	Beginning Ceramic Sculpture	(4)	NO COMPARABLE COURSE
art 9	Beginning Photography	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
ART 11	Beginning Printmaking	(4)	ART 361 Printmaking: Survey (3)
ART 12	Beginning Video	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
	TWO LECTURE COURSES CHO	OSEN	FROM THE FOLLOWING:
ART 24	Intro Experimental Video	(4)	NO COURSE ARTICULATED: College has not
	and Film		submitted course(s) for articulation
ART 30	Contemp Vis Culture	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
ARTHI 1A	Ancient Mediterranean Art	(4)	ARTH 303 Art Survey: Ancient to (3)
			14th Century
ARTHI 1B	Mediev&Renaiss Art	(4)	ARTH 309 Art Survey: (3)
			Renaissance to 19th
			Century
ARTHI 1C	Baroque to Modern Art	(4)	ARTH 311 Art Survey: Modern Art (3)
ARTHI 1D	Arts of Asia	(4)	ARTH 332 Asian Art (3)
ARTHI 1E	Islamic Art &	(4)	ARTH 333 Introduction to (3)
	Architecture		Islamic Art
ARTHI 5	Visual Culture	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
ARTHI 25	Understanding	(4)	NO COURSE ARTICULATED: College has not
	Architecture		submitted course(s) for articulation
END OF MA	AJOR		

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

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

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

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

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

### College Foreign Language Requirement Note:

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

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

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

A A STD 1	Hist Exp Asian Am	(4)	NO COMPARABLE COURSE
A A STD 2	Contemp Issues of Asian	(4)	NO COMPARABLE COURSE
	Americans		
a a std 3	Social & Psychological	(4)	NO COURSE ARTICULATED: College has not
	Perspectives of Asian		submitted course(s) for articulation
	Americans		
a a std 4	Asian Amer Cultural	(4)	NO COURSE ARTICULATED: College has not
	Studies		submitted course(s) for articulation

### AT LEAST TWO COURSES FROM THE FOLLOWING:

AF-AMST 10Af-Am Culture & Soc(1) NO COURSE ARTICULATED: College has not submitted course(s) for articulationAF-AMST 12Intro Afro Studies(1) NO COURSE ARTICULATED: College has not submitted course(s) for articulationAF-AMST 15Intro Afro Amer Hum(1) NO COURSE ARTICULATED: College has not submitted course(s) for articulation or articulationAF-AMST 16African Verbal Arts(1) NO COURSE ARTICULATED: College has not submitted course(s) for articulation or articulationAF-AMST 18Intro Caribbean Studies(1) NO COURSE ARTICULATED: College has not submitted course(s) for articulation or articulationAF-AMST 50Bik Images Pop Cult(1) NO COURSE ARTICULATED: College has not submitted course(s) for articulation or articulationAF-AMST 51History Af-Amr Dance Culrue(1) NO COURSE ARTICULATED: College has not submitted course(s) for articulation or articulationAF-AMST 52Afr Tradit Relig Culrue(1) NO COURSE ARTICULATED: College has not submitted course(s) for articulation or articulationAMR STD 18Relig in An Lives (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation submitted course(s) for articulation 				
AF-ANST 12Intro Afro Studies(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulationAF-ANST 15Intro Afro Amer Hum(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulationAF-AMST 16African Verbal Arts(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulationAF-AMST 17Women in Africa(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulationAF-AMST 18Intro Caribbean Studies(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulationAF-AMST 50Blk Images Pop Cult(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulationAF-AMST 51History Af-Amr Dance(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulationAF-AMST 52Afr Tradit Relig(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulationAF-AMST 51Black Politics(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulationAFR STD 18Science and American Culture(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulationAMR STD 16American Lives(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulationAMR STD 18NatACult Amr(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulationAMR STD 20Amr Images Pop Cult(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulationAMR STD 30Amr Images Pop Cult(4) NO COURSE ARTICULATED: College has not submitted course(s)	AF-AMST 10	Af-Am Culture & Soc	(4)	
<ul> <li>submitted course(s) for articulation</li> <li>AF-AMST 15 Intro Afro Amer Hum</li> <li>AF-AMST 16 African Verbal Arts</li> <li>NO COURSE ARTICULATED: College has not submitted course(s) for articulation</li> <li>AF-AMST 17 Women in Africa</li> <li>NO COURSE ARTICULATED: College has not submitted course(s) for articulation</li> <li>AF-AMST 18 Intro Caribbean Studies</li> <li>NO COURSE ARTICULATED: College has not submitted course(s) for articulation</li> <li>AF-AMST 18 Intro Caribbean Studies</li> <li>NO COURSE ARTICULATED: College has not submitted course(s) for articulation</li> <li>AF-AMST 50 Blk Images Pop Cult</li> <li>AF-AMST 51 History Af-Am Dance</li> <li>NO COURSE ARTICULATED: College has not submitted course(s) for articulation</li> <li>AF-AMST 52 Afr Tradit Relig</li> <li>NO COURSE ARTICULATED: College has not submitted course(s) for articulation</li> <li>AF-AMST 50 Black Politics</li> <li>NO COURSE ARTICULATED: College has not submitted course(s) for articulation</li> <li>AMR STD 18 Relig in Am Lives</li> <li>AMR STD 16 American Lives</li> <li>AMR STD 10 Intro American Studies</li> <li>AMR STD 10 Intro American Studies</li> <li>AMR STD 5 Tech in Ame Lives</li> <li>AMR STD 5 U. S. as Business</li> <li>AMR STD 5 Music and American</li> <li>Culture Intro Amarican Studies</li> <li>AMR STD 10 American Studies</li> <li>AMR STD 10 American Studies</li> <li>AMR STD 10 American Studies</li> <li>AMR STD 25 U. S. as Business</li> <li>Culture Intro American</li> <li>AMR STD 10 American American</li> <li>AMR STD 10 American Studies</li> <li>AMR STD 10 Am</li></ul>				
AF-AMST 15       Intro Afro Amer Hun       (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation artericulation articulation articulation articulation articulation	AF-AMST 12	Intro Afro Studies	(4)	-
<ul> <li>submitted course(s) for articulation</li> <li>AF-AMST 16 African Verbal Arts</li> <li>(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation</li> <li>AF-AMST 18 Intro Caribbean Studies</li> <li>(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation</li> <li>AF-AMST 50 Blk Images Pop Cult</li> <li>(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation</li> <li>AF-AMST 51 History Af-Amr Dance</li> <li>(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation</li> <li>AF-AMST 52 Afr Tradit Relig</li> <li>(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation</li> <li>AF-AMST 50 Black Politics</li> <li>(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation</li> <li>AF-AMST 80 Black Politics</li> <li>(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation</li> <li>AMR STD 18 Relig in Am Lives</li> <li>(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation</li> <li>AMR STD 10 American Lives</li> <li>(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation</li> <li>AMR STD 10 Intro American Studies</li> <li>(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation</li> <li>AMR STD 21 Objects &amp; Everyday Life (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation</li> <li>AMR STD 25 U. S. as Business</li> <li>(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation</li> <li>AMR STD 26 Amr Images Pop Cult</li> <li>(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation</li> <li>AMR STD 30 Amr Images Pop Cult</li> <li>(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation</li> <li>AMR STD 30 Amr Images Pop Cult</li> <li>(4) NO COURSE ARTICULATED: College has not s</li></ul>	AF-AMST 15	Intro Afro Amer Hum	(4)	
AF-AMST 16       African Verbal Arts       (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation aubmitted course(s) for articulation for auticulation aubmitted course(s) for articulation aubmitted course(s) for articulation aubmitted course(s) for articulation for auticulation for auticulation for auticulation for auticulation aubmitted course(s) for articulation aubmitted course(s) for articulation for auticulation for au	111 11101 10		(1)	-
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	n a std 7	Indig & Minority Langs	(4)	
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	и ч ото то	NY PYPETTEINE	(1)	ING COURSE ANTICOLATED. COTTEGE Has Hot

			submitted course(s) for articulation
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 COURSE ARTICULATED: College has not
			submitted course(s) for articulation
N A STD 33	Intro NA Art	(4)	NO COURSE ARTICULATED: College has not
		. ,	submitted course(s) for articulation
n a std 34	NA Art Workshop	(4)	NO COURSE ARTICULATED: College has not
	-		submitted course(s) for articulation
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)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
WOM STD 60	Feminist Critiques	(4)	NO COURSE ARTICULATED: College has not
	_		submitted course(s) for articulation
WOM STD 70	Sexual:Thry&Hist	(4)	NO COURSE ARTICULATED: College has not
	-		submitted course(s) for articulation
AT LE	AST TWO COURSES FROM THE	FOL	LOWING METHODS COURSES:
ANTHRO 13	Sci Method in Physical	(4)	NO COURSE ARTICULATED: College has not
	Anthropology		submitted course(s) for articulation
ARTHI 5 Vi	sual Culture	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
ART 10 Fine	Art Appreciation	(4)	ARTH 300 Introduction to Art (3)
ART 30 Cor	temp Vis Culture	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
CHICANO 23	Qualitative Research	(4)	NO COURSE ARTICULATED: College has not
	Methods		submitted course(s) for articulation
ENGLISH 42	Approaches to Reading	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
d) PHILOS 5	Critical Reasoning	(4)	PHIL 320 Logic and Critical (3)
			Reasoning
N A STD 46	Orientation to Research	(4)	NO COURSE ARTICULATED: College has not
	in NAS		submitted course(s) for articulation
POL SCI 51	Scientific Study of	(4)	NO COURSE ARTICULATED: College has not
	Politics		submitted course(s) for articulation
PSYCH 41 F	Research Methods	(4)	PSYC 335 Research Methods in (3)
			Psychology
SOCIOL 46A	Intro Social Rsch	(4)	NO COMPARABLE COURSE
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE
STATIST 13	Elementary Statistics	(4)	STAT 300 Introduction to (4)
Same as: S	STATIST 13Y		Probability and
			Statistics
			OR
			PSYC 330 Introductory (3)
			Statistics for the
			Behavioral Sciences

END OF MAJOR

d) Students who complete PHIL 320 at Folsom Lake College will receive credit at UC Davis for PHIL 5 or PHIL 12, not both

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

### Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is <u>highly recommended</u> that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree. Transfer students must also meet UC transfer admission requirements. See the U<u>C Transfer Admission website</u> for details. UC Davis requires that students complete the minimum transfer admission requirement by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

### Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer admission. See the U<u>C Transfer Admission website</u>. The courses used for the A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions. *Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

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

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

 General Catalog
 Quick reference charts for AP and IB are also

 available from our TAG website.

 PL SCI 2
 Bot Physio Cul Plt

 (4) | NO COMPARABLE COURSE

 CHEM 2A
 Genl Chemistry

 (5) | CHEM 400
 General Chemistry

 (5) | CHEM 400
 General Chemistry

 (5) | CHEM 401
 General Chemistry

 (5)
 CHEM 401

ENG CS 36A Programming(4) CISP 360Introduction to(4)Formerly ENG CS 30Structured Programming

### or a course selected with advisor's approval

MATH 21A	Calculus	(4)	MATH	400	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH	401	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH	402	Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH	402	Calculus III	(5)
MATH 22A	Linear Algebra	(3)	MATH	410	Introduction to Linear	(3)
					Algebra	
MATH 22B	Differntl Equations	(3)	MATH	420	Differential Equations	(4)
ATM SCI 60	—	(4)	NO CO	OMPARAB	LE COURSE	
	Science					
PHYSICS 9A	Classical Physics	(5)	   duvg	411	Mechanics of Solids	(4)
INDICS JA	classical inysics	(5)		111	and Fluids	(1)
PHYSICS 9B	Classical Physics	(5)	   PHYS	431	Heat, Waves, Light and	(4)
		( - )		-	Modern Physics	( )
PHYSICS 9C	Classical Physics	(5)	PHYS	421	Electricity and	(4)
			İ		Magnetism	
	Elementary Statistics	(4)	STAT	300	Introduction to	(4)
Same as:	STATIST 13Y		ļ		Probability and	
				_	Statistics	
			OI  PSYC		T.,	(2)
			I PSIC	330	Introductory	(3)
					Statistics for the Behavioral Sciences	
					Benavioral Sciences	

#### PREPARATION FOR GRADUATION:

(4) NO COMPARABLE COURSE	ENGIN 6 Engr Prob Solving
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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 <u>transfer admission website</u> for details. **IGETC:** Transfer students should place highest priority on completing all requirements for their chosen engineering major. By completing the Intersegmental General Education Transfer Curriculum(IGETC)however, the General Education (GE) requirement at UC Davis will be totally satisfied for all UC Davis GE requirements that may be met with lower-division courses. Completing IGETC is not required, nor does it improve the likelihood you will be admitted. See additional GE information below.

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### Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

END OF MAJOR

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

### Special Advising Note:

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

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

### **REQUIREMENTS FOR ADMISSION:**

### (for 2019-20)

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

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

It is also <u>strongly recommended</u> that transfer students complete courses comparable to the following UC Davis courses. Completion of these courses will help you move more efficiently toward graduation. Courses should be taken for a letter grade, with no grade less than C: Organic Chemistry series cited on ASSIST for your major* Physics 7A/B/C or the physics series cited on ASSIST for your intended College of Biological Sciences major (especially useful for Neurobiology, Physiology and Behavior majors).

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

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

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

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

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

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

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL	400	Principles of Biology	(5)
BIOLSCI 2B BIOLSCI 2C	Intro Biology: Ecology & Evolution Intro Biology: Biodiversity & the Tree		BIOL	420 410	Principles of Zoology & Principles of Botany	
	of Life		İ			
	Genl Chemistry Genl Chemistry	(5) (5)		400	General Chemistry <u>&amp;</u> General Chemistry General Chemistry	(5) (5) (5)
CHEM 2C	Genl Chemistry	(5)			General Chemistry	(5)
	OR				OR	
CHEM 2AH	Honors Genl Chemistry	(5)	NO CO	OMPAR.	ABLE COURSE	
CHEM 2BH	Honors Genl Chemistry	(5)	NO CO	OMPAR.	ABLE COURSE	
CHEM 2CH	Honors Genl Chemistry	(5)	NO CO	OMPAR.	ABLE COURSE	
 МАТН 17А	Calculus for BioSci	(4)	NO CO	OURSE	ARTICULATED: College has	not

MATH 17B	Calculus for Biosci	(4)	NO CO	DURSE	<pre>course(s) for articulation ARTICULATED: College has no course(s) for articulation</pre>	ot
MATH 17C	Calculus for BioSci	(4)			ARTICULATED: College has no	
			submi	itted	course(s) for articulation	
	OR				OR	
MATH 21A	Calculus	(4)	MATH	400	Calculus I (	5)
MATH 21B	Calculus	(4)	MATH	401	Calculus II (	5)
PHYSICS 7A	General Physics	(4)	   PHYS	350	<u>&amp;</u> General Physics (	4)
			PHYS	360	General Physics (*	4)
PHYSICS 7B	General Physics	(4)	PHYS	350	& General Physics (	4)
			PHYS	360	General Physics (*	4)
PHYSICS 7C	General Physics	(4)	PHYS	350	& General Physics (	4)
			PHYS	360	General Physics (	4)

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

phybreb.	OR				OR	
PHYSICS 9A	Classical Physics	(5)	PHYS	411	Mechanics of Solids and Fluids	(4)
PHYSICS 9B	Classical Physics	(5)	PHYS	431	Heat, Waves, Light and Modern Physics	(4)
PHYSICS 9C	Classical Physics	(5)	PHYS   	421	Electricity and Magnetism	(4)
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM	420	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM	420 <u>&amp;</u>	Organic Chemistry	(5)
			CHEM	421	Organic Chemistry	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM	421	Organic Chemistry	(5)
	OR				OR	
CHEM 128A	Organic Chemistry	(3)	CHEM	420	Organic Chemistry	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM	420 <b>&amp;</b>	Organic Chemistry	(5)
			CHEM		Organic Chemistry	(5)
CHEM 128C	Organic Chemistry	(3)	CHEM	421	Organic Chemistry	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM	420	Organic Chemistry	(5)
CHEM 129B	Organic Chem Lab	(2)	CHEM	420 <b>&amp;</b>	Organic Chemistry	(5)
			CHEM	421	Organic Chemistry	(5)

### **RECOMMENDED:**

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

END OF MAJOR

physics.

### ====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

## **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 complet

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

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

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

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

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

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

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

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

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

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

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

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

### College Foreign Language Requirement Note:

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

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

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

BIOLSCI 2A Intro Biology:Life on Earth	(5)  BIOL 400 Principles of Biology	(5)
BIOLSCI 2B Intro Biology: Ecology	(5) BIOL 410 & Principles of Botany	(5)
& Evolution	BIOL 420 Principles of Zoology	
BIOLSCI 2C Intro Biology:	(5) BIOL 410 & Principles of Botany	
Biodiversity & the Tree of Life	BIOL 420 Principles of Zoology	(5)
	I	
CHEM 2A Genl Chemistry	(5) CHEM 400 General Chemistry	(5)
CHEM 2B Genl Chemistry	(5) CHEM 400 & General Chemistry	(5)
	CHEM 401 General Chemistry	(5)
CHEM 8A Organic Chem-Brief	(2) NO COMPARABLE COURSE	
CHEM 8B Organic Chem-Brief	(4) NO COMPARABLE COURSE	
OR	OR	
CHEM 118A Org Chem, Hlth & Sci	(4) CHEM 420 Organic Chemistry	(5)
CHEM 118B Org Chem, Hlth & Sci	(4) CHEM 420 & Organic Chemistry	(5)
CHEM 118C Org Chem, Hlth & Sci	CHEM 421 Organic Chemistry (4) CHEM 421 Organic Chemistry	(5) (5)
MATH 17A Calculus for BioSci	(4) NO COURSE ARTICULATED: College has	
	submitted course(s) for articulat:	
MATH 17B Calculus for Biosci	(4) NO COURSE ARTICULATED: College has submitted course(s) for articulat:	
OR		1011
MATH 21A Calculus	(4) MATH 400 Calculus I	(5)
MATH 21B Calculus	(4) MATH 401 Calculus II	(5)
PHYSICS 1A Principles Physics	(3) PHYS 350 General Physics	(4)
PHYSICS 1B Principles Physics	(3) PHYS 360 General Physics	(4)
OR	OR	
PHYSICS 7A General Physics	(4) PHYS 350 & General Physics	(4)
	PHYS 360 General Physics	(4)
PHYSICS 7B General Physics	(4) PHYS 350 & General Physics	(4)
PHYSICS 7C General Physics	PHYS 360General Physics(4)PHYS 350 & General Physics	(4) (4)
THIDICS /C General Flippics	$(1)$ 1 1 1 1 2 2 0 $\underline{\alpha}$ General Flippics	(=)

PHYS 360 General Physics It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

#### RECOMMENDED COURSES FOR THIS MAJOR:

CHEM 2C	Genl Chemistry	(5)	CHEM 401	General	Chemistry	(5)
MATH 17C	Calculus for BioSci	(4)			D: College for articul	
	OR		ĺ	OR	2	
MATH 21C	Calculus	(4)	MATH 402	Calculus	S III	(5)

#### END OF MAJOR

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

#### Special Advising Note:

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

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

## **REQUIREMENTS FOR ADMISSION:**

#### (for 2019-20)

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

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

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

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

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

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

## Transfer Admission Guarantee (TAG) Note:

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 400 Principles of Biology	(5)
BIOLSCI 2B		(5)	BIOL 410 <u>&amp;</u> Principles of Botany BIOL 420 Principles of Zoology (	(5) 5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life			
CHEM 2A CHEM 2B	Genl Chemistry Genl Chemistry		1	(5) (5) (5)
CHEM 2C	Genl Chemistry	(5)	-	(5)
CHEM 8A CHEM 8B	Organic Chem-Brief Organic Chem-Brief <b>OR</b>		NO COMPARABLE COURSE NO COMPARABLE COURSE OR	
CHEM 118A CHEM 118B	Org Chem, Hlth & Sci Org Chem, Hlth & Sci			(5) (5)
	-		CHEM 421 Organic Chemistry	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 421 Organic Chemistry	(5)
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has a submitted course(s) for articulation	

MATH 17B	Calculus for Biosci	(4)			ARTICULATED: College course(s) for articula	
MATH 17C	Calculus for BioSci	(4)	NO COU	URSE .	ARTICULATED: College ]	has not
			submit	tted	course(s) for articula	ation
	OR				OR	
MATH 21A	Calculus	(4)	MATH 4	400	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 4	401	Calculus II	(5)
PHYSICS 7A	General Physics	(4)	PHYS 3	350 <u>&amp;</u>	General Physics	(4)
			PHYS 3	360	General Physics	(4)
PHYSICS 7B	General Physics	(4)	PHYS 3	350 <u>&amp;</u>	General Physics	(4)
			PHYS 3	360	General Physics	(4)
PHYSICS 7C	General Physics	(4)	PHYS 3	350 <u>&amp;</u>	General Physics	(4)
			PHYS 3	360 -	General Physics	(4)

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

RECOMMENDED COURSES FOR THIS MAJOR:

MATH 21C Calculus

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(4) MATH 402 Calculus III (5)

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END OF MAJOR

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

## Special Advising Note:

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

#### IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

#### Special Advising Note:

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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## General Education (GE) Note:

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

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

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

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

END OF MAJOR

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

Special Advising Note:

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

### IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

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## Special Advising Note:

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

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

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

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

## Transfer Admission Guarantee (TAG) Note:

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

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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:

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

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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.

END OF MAJOR

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

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Special Advising Note:

## REQUIREMENTS FOR ADMISSION: (for 2019-20)

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

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

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

--A minimum of one course comparable to a UC Davis Biological Sciences 2 series course must be completed with a B grade or higher for admission.

--If multiple courses are required to satisfy one UC Davis Biological Sciences 2 series course, each of those courses must be completed and the GPA for those courses must be 3.00 or higher.

--If courses comparable to two UC Davis Biological Sciences 2 series courses or the entire Biological Sciences 2 series are completed, a group GPA of 2.50 or higher is required.

We strongly encourage you to complete the entire Biological Sciences 2A/B/C

series before matriculating to UC Davis, as this series is a prerequisite for many upper-division courses.

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

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

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

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

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

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

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

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

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

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PHYSICS 7A	General Physics	(4)	PHYS 35	50 <u>&amp;</u>	General Physics	(4)
			PHYS 36	50	General Physics	(4)
PHYSICS 7B	General Physics	(4)	PHYS 35	50 <u>&amp;</u>	General Physics	(4)
			PHYS 36	50	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.

#### COURSEWORK FOR BIOINFORMATICS OPTION:

ENG CS 20	C Sci/Discrete Math	(4) CISP 440		(3)
			for Computer Science	
ENG CS 36A	Programming	(4) CISP 360	Introduction to	(4)
Formerly	ENG CS 30	İ	Structured Programming	

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### RESTRICTED ELECTIVES FOR BIOINFORMATICS OPTION:

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ENG CS 36B	Object-Oriented	Program	(4) CI	SP	400	Object Oriented	(4)
Formerly	ENG CS 40					Programming with C++	
ENG CS 36C	Data Structures		(4) CI	SP	430	Data Structures	(4)
Formerly	ENG CS 60						
ENG CS 50	Machine Depende	ent Prog	(4) CI	SP	310	Assembly Language	(4)
						Programming for	
			i			Microcomputers	

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

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

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

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

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

## Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5) BIOL 400	Principles of Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology		Principles of Botany	(5)
	& Evolution		Principles of Zoology	(5)
BIOLSCI 2C	Intro Biology:	· · · · · ·	Principles of Botany	(5)
	Biodiversity & the Tree	BIOL 420	Principles of Zoology	(5)

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	of Life						
CHEM 2A CHEM 2B	Genl Chemistry Genl Chemistry	. ,	CHEM 400General Chemistry(5) CHEM 400&General Chemistry(5) CHEM 401General Chemistry(5)				
CHEM 2C	Genl Chemistry	(5)	CHEM 401 General Chemistry (5)				
CHEM 8A CHEM 8B	Organic Chem-Brief Organic Chem-Brief OR	`` '	NO COMPARABLE COURSE NO COMPARABLE COURSE OR				
CHEM 118A CHEM 118B	Org Chem, Hlth & Sci Org Chem, Hlth & Sci	. ,	CHEM 420Organic Chemistry(5)CHEM 420&Organic Chemistry(5)CHEM 421Organic Chemistry(5)				
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 421 Organic Chemistry (5)				
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation				
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation				
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation				
	OR		OR				
MATH 21A	Calculus		MATH 400 Calculus I (5)				
MATH 21B	Calculus	(4)	MATH 401 Calculus II (5)				
PHYSICS 7A	General Physics	(4)	PHYS 350 & General Physics(4)PHYS 360General Physics(4)				
PHYSICS 7B	General Physics	(4)	PHYS 350 & General Physics(4)PHYS 360General Physics(4)				
PHYSICS 7C	General Physics	(4)	PHYS 350 & General Physics(4)PHYS 360General Physics(4)				
It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.							

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

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END OF MAJOR

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

Special Advising Note:

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

### IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

#### Special Advising Note:

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

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

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

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

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## Transfer Admission Guarantee (TAG) Note:

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

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### General Education (GE) Note:

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

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

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

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

END OF MAJOR

#### ====Chemical Physics B.S.====

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Special Advising Note:

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

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

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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

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

CHEM 2A CHEM 2B	Genl Chemistry Genl Chemistry	(5) CHEM 400 General Chemistry (5) CHEM 400 & General Chemistry	(5) (5)
		CHEM 401 General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5) CHEM 401 General Chemistry	(5)
	OR	OR	
CHEM 2AH	Honors Genl Chemistry	(5) NO COMPARABLE COURSE	
CHEM 2BH	Honors Genl Chemistry	(5) NO COMPARABLE COURSE	

CHEM 2CH	Honors Genl Chemistry	(5) NO COMPARABLE COURSE
PHYSICS 9A	Classical Physics	(5) PHYS 411 Mechanics of Solids (4) and Fluids
PHYSICS 9B	Classical Physics	(5) PHYS 431 Heat, Waves, Light and (4) Modern Physics
PHYSICS 9C	Classical Physics	(5) PHYS 421 Electricity and (4) Magnetism
PHYSICS 9D	Modern Physics	(4) NO COMPARABLE COURSE
MATH 21A	Calculus	(4)   MATH 400 Calculus I (5)
MATH 21B	Calculus	(4) MATH 401 Calculus II (5)
MATH 21C	Calculus	(4) MATH 402 Calculus III (5)
MATH 21D	Vector Analysis	(4) MATH 402 Calculus III (5)
MATH 22A	Linear Algebra	(3) MATH 410 Introduction to Linear (3) Algebra
MATH 22AL	Lin Alg Comp Lab	(1) NO COURSE ARTICULATED: College has not
		submitted course(s)for articulation
MATH 22B	Differntl Equations	(3)   MATH 420 Differential Equations (4)
CHEM 128A	Organic Chemistry	(3) CHEM 420 Organic Chemistry (5)
CHEM 128B	Organic Chemistry	
		CHEM 421 Organic Chemistry (5)
CHEM 129A	Organic Chem Lab	(2) CHEM 420 Organic Chemistry (5)

END OF MAJOR

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

#### Special Advising Note:

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

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

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

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

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

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

## College Foreign Language Requirement Note:

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

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

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

CHEM 2A	Genl Chemistry	(5)	CHEM 400		General	Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 400	&	General	Chemistry	(5)
			CHEM 401		General	Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 401		General	Chemistry	(5)
	OR				OR		
CHEM 2AH	Honors Genl Chemistry	(5)	NO COMPA	RAB	LE COURSE		
CHEM 2BH	Honors Genl Chemistry	(5)	NO COMPA	RAB	LE COURSE		
CHEM 2CH	Honors Genl Chemistry	(5)	NO COMPA	RAB	LE COURSE		
PHYSICS 7A	General Physics	(4)	  PHYS 350	 چ	 General	Physics	(4)
1110100 //1	Seneral Inybieb	(1)	PHYS 360		General	-	(4)
PHYSICS 7B	General Physics	(4)	PHYS 350		General	-	(4)
INIDICO /D	Seneral Inybieb	(1)	PHYS 360	_	General	-	(4)
PHYSICS 7C	General Physics	(4)	PHYS 350		General	-	(1)
11110100 /0		(1)	PHYS 360		General	-	(4)

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

1 1	OR			OR	
PHYSICS 9A	Classical Physics	(5)	PHYS 411 	Mechanics of Solids and Fluids	(4)
PHYSICS 9B	Classical Physics	(5)	PHYS 431	Heat, Waves, Light a Modern Physics	nd (4)
PHYSICS 9C	Classical Physics	(5)	PHYS 421 	-	(4)
MATH 16A	Short Calculus	(3)	MATH 400	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 401	Calculus II	(5)
MATH 16C	Short Calculus	(3)	MATH 401	Calculus II	(5)
	OR		ĺ	OR	
MATH 17A	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College ha	as not
			submitted	course(s) for articulat	tion
MATH 17B	Calculus for Biosci	(4)	NO COURSE	ARTICULATED: College ha	as not
			submitted	course(s) for articulat	tion
MATH 17C	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College ha	as not
			submitted	course(s) for articulat	tion
	OR			OR	
MATH 21A	Calculus	(4)	MATH 400	Calculus I	(5)
MATH 21B	Calculus	, ,	MATH 401		(5)
MATH 21C	Calculus	(4)	MATH 402	Calculus III	(5)
CHEM 128A	Organic Chemistry	(3)	CHEM 420	Organic Chemistry	(5)
CHEM 128B	Organic Chemistry		СНЕМ 420 <u>8</u>		
	<u> </u>		· -		

			CHEM	421	Organic Chemistry	(5)
CHEM 128C	Organic Chemistry	(3)	CHEM	421	Organic Chemistry	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM	420	Organic Chemistry	(5)
CHEM 129B	Organic Chem Lab	(2)	CHEM	420	& Organic Chemistry	(5)
			CHEM	421	Organic Chemistry	(5)

END OF MAJOR

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

## Special Advising Note:

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

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

## Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

available from our TAG website.

	Genl Chemistry	(5) CHEM 400 General Chemistry (5)	,
CHEM 2B	Genl Chemistry	(5) CHEM 400 & General Chemistry (5	) ( C
		CHEM 401 General Chemistry (5	5)
CHEM 2C	Genl Chemistry	(5) CHEM 401 General Chemistry (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	
PHYSICS 9A	Classical Physics	(5)   PHYS 411 Mechanics of Solids (4	4)

PHYSICS 9B PHYSICS 9C	Classical Physics Classical Physics		  PHYS 431    PHYS 421 	and Fluids Heat, Waves, Light and Modern Physics Electricity and Magnetism	(4) (4)
MATH 21A MATH 21B MATH 21C MATH 21C MATH 22A MATH 22AL MATH 22B	Calculus Calculus Calculus Vector Analysis Linear Algebra Lin Alg Comp Lab Differntl Equations	(4) (4) (3) (1)	submitted o	Calculus I Calculus II Calculus III Calculus III Introduction to Linear Algebra ARTICULATED: College has course(s)for articulation Differential Equations	not n
CHEM 128A CHEM 128B CHEM 128C CHEM 129A CHEM 129B CHEM 129C	Organic Chemistry Organic Chemistry Organic Chemistry Organic Chem Lab Organic Chem Lab Organic Chem Lab	(3) (3) (2) (2)	CHEM       420         CHEM       421         CHEM       421         CHEM       421         CHEM       420         CHEM       420         CHEM       420         CHEM       421         CHEM       421         CHEM       421         CHEM       421	Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry	(5) (5) (5) (5) (5) (5) (5) (5)

#### **RECOMMENDED COURSES:**

PHYSICS 9D	Modern Physics	(4) NO COMPARABLE COURSE

#### END OF MAJOR

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

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

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

## Transfer Admission Guarantee (TAG) Note:

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 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 CHEM 2B Genl Chemistry	(5) CHEM 400 General Chemistry (5) (5) CHEM 400 & General Chemistry (5)
	CHEM 401 General Chemistry (5)
CHEM 2C Genl Chemistry	(5) CHEM 401 General Chemistry (5)
OR	OR
CHEM 2AH Honors Genl Chemistry	(5) NO 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 350 $\underline{\&}$ General Physics (4)
	PHYS 360 General Physics (4)
PHYSICS 7B General Physics	(4) PHYS 350 & General Physics (4)
	PHYS 360 General Physics (4)
PHYSICS 7C General Physics	(4) PHYS 350 $\underline{\boldsymbol{k}}$ General Physics (4)
	PHYS 360 General Physics (4)

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

Fill STOR!			1		
	OR			OR	
PHYSICS 9A	Classical Physics	(5)	PHYS 411 	Mechanics of Solids and Fluids	(4)
PHYSICS 9B	Classical Physics	(5)	PHYS 431	Heat, Waves, Light and Modern Physics	(4)
PHYSICS 9C	Classical Physics	(5)	PHYS 421	Electricity and Magnetism	
MATH 16A	Short Calculus	(3)	  MATH 400	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 401	Calculus II	(5)
MATH 16C	Short Calculus	(3)	MATH 401	Calculus II	(5)
	OR			OR	. ,
MATH 17A	Calculus for BioSci	(4)	1	ARTICULATED: College has	
			submitted	course(s) for articulati	on
MATH 17B	Calculus for Biosci	(4)	1	ARTICULATED: College has	
			submitted	course(s) for articulati	on
MATH 17C	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has	not
			submitted	course(s) for articulati	on
	OR			OR	
MATH 21A	Calculus	(4)	MATH 400	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 401	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 402	Calculus III	(5)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 400 	Principles of Biology	(5)
	Elementary Statistics STATIST 13Y	(4)	STAT 300 	Introduction to Probability and	(4)

		Statistics
		OR
		PSYC 330 Introductory (3)
		Statistics for the
		Behavioral Sciences
OR		OR
STATIST 32 Gateway to Data Science	(4)	NO COURSE ARTICULATED: College has not
-		submitted course(s) for articulation
		· · · ·
CHEM 118A Org Chem, Hlth & Sci	(4)	) CHEM 420 Organic Chemistry (5)
CHEM 118B Org Chem, Hlth & Sci	(4)	) CHEM 420 & Organic Chemistry (5)
		CHEM 421 Organic Chemistry (5)
CHEM 118C Org Chem, Hlth & Sci	(4)	) CHEM 421 Organic Chemistry (5)
OR		OR
CHEM 128A Organic Chemistry	(3)	CHEM 420 Organic Chemistry (5)
CHEM 128B Organic Chemistry	(3)	) CHEM 420 & Organic Chemistry (5)
		CHEM 421 Organic Chemistry (5)
CHEM 128C Organic Chemistry	(3)	) CHEM 421 Organic Chemistry (5)
CHEM 129A Organic Chem Lab	(2)	CHEM 420 Organic Chemistry (5)
CHEM 129B Organic Chem Lab	(2)	) CHEM 420 & Organic Chemistry (5)
-		CHEM 421 Organic Chemistry (5)

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

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

## Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

CHEM 2A	Genl Chemistry	(5)	CHEM	400		General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM	400	&	General Chemistry	(5)
			CHEM	401	-	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM	401		General Chemistry	(5)
	OR		ĺ			OR	
CHEM 2AH	Honors Genl Chemistry	(5)	NO CC	MPAR	RAB	LE COURSE	
CHEM 2BH	Honors Genl Chemistry	(5)	NO CC	MPAR	RAB	LE COURSE	
CHEM 2CH	Honors Genl Chemistry	(5)	NO CC	MPAR	RAB	LE COURSE	
PHYSICS 7A	General Physics	(4)	PHYS	350	&	General Physics	(4)
			PHYS	360		General Physics	(4)
PHYSICS 7B	General Physics	(4)	PHYS	350	&	General Physics	(4)
			PHYS	360		General Physics	(4)
PHYSICS 7C	General Physics	(4)	PHYS	350	&	General Physics	(4)
			PHYS	360		General Physics	(4)
			-				

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

P11/0100.	OR		1	OR	
PHYSICS 9A	Classical Physics	(5)	PHYS 411	Mechanics of Solids	(4)
PHYSICS 9B	Classical Physics	(5)	  PHYS 431	and Fluids Heat, Waves, Light and Modern Physics	l (4)
PHYSICS 9C	Classical Physics	(5)	İ		
 MATH 16A	Short Calculus	(3)			(5)
MATH 16B	Short Calculus	(3)	MATH 401	Calculus II	(5)
MATH 16C	Short Calculus <b>OR</b>	(3)	MATH 401		(5)
MATH 17A	Calculus for BioSci	(4)		ARTICULATED: College has course(s) for articulati	
MATH 17B	Calculus for Biosci	(4)		ARTICULATED: College has course(s) for articulati	
MATH 17C	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has course(s) for articulati	s not
	OR			OR	
MATH 21A	Calculus	(4)	MATH 400	Calculus I	(5)
MATH 21B				Calculus II	
MATH 21C		(4)	MATH 402	Calculus III	
	Intro Biology:Life on Earth				(5)
ENV TOX 20	Introduction to Forensic Science	(3)	NO COURSE	ARTICULATED: College has course(s) for articulati	not .on
	Elementary Statistics STATIST 13Y	(4)	STAT 300       <b>OR</b>	Introduction to Probability and Statistics	(4)
			PSYC 330   	Introductory Statistics for the Behavioral Sciences	(3)

	OR				OR
STATIST 32	Gateway to Data Science	(4)	NO CO	DURSE	ARTICULATED: College has not
			submi	ltted	l course(s) for articulation
CHEM 118A	Org Chem, Hlth & Sci	(4)	   CHEM	420	Organic Chemistry (5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM	420	▲ Organic Chemistry (5)
			CHEM	421	Organic Chemistry (5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM	421	Organic Chemistry (5)
	OR				OR
CHEM 128A	Organic Chemistry	(3)	CHEM	420	Organic Chemistry (5)
CHEM 128B	Organic Chemistry	(3)	CHEM	420	▲ Organic Chemistry (5)
			CHEM	421	Organic Chemistry (5)
CHEM 128C	Organic Chemistry	(3)	CHEM	421	Organic Chemistry (5)
CHEM 129A	Organic Chem Lab	(2)	CHEM	420	Organic Chemistry (5)
CHEM 129B	Organic Chem Lab	(2)	CHEM	420	▲ Organic Chemistry (5)
			CHEM	421	Organic Chemistry (5)

#### END OF MAJOR

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

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

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

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

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

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

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

#### College Foreign Language Requirement Note:

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

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

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

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

#### ONE COURSE FROM THE FOLLOWING:

CHICANO 60	Chicana and Chicano	(4)	NO COURSE ARTICULATED: College has not
]	Representn in Cinema		submitted course(s) for articulation
CHICANO 65	New Latin American	(4)	NO COURSE ARTICULATED: College has not
(	Cinema		submitted course(s) for articulation
CHICANO 70	Survey Chic Art	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
CHICANO 73	Art Expr Silk Scr	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
SPANISH 1 E	lementary Spanish	(5)	SPAN 401 Elementary Spanish (4)
SPANISH 2 E	lementary Spanish	(5)	SPAN 401 & Elementary Spanish (4)
			SPAN 402 Elementary Spanish (4)
SPANISH 3 E	lementary Spanish	(5)	SPAN 402 Elementary Spanish (4)
	OR		OR
SPANISH 28	Inter Conversation	(2)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
SPANISH 31	Int Span Nat Spk I	(5)	NO COMPARABLE COURSE
SPANISH 32	Int Span Nat Spk II	(5)	NO COMPARABLE COURSE
END OF MAJOR			

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

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

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

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

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

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

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#### Education(GE) Note:

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

### College Foreign Language Requirement Note:

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

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

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

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

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

#### ONE COURSE FROM THE FOLLOWING:

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

#### ONE COURSE FROM THE FOLLOWING:

CHICANO 23	Qualitative Research Methods	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PSYCH 41	Research Methods	(4)	PSYC 335 Research Methods in (3) Psychology
SOCIOL 46A	Intro Social Rsch	(4)	NO COMPARABLE COURSE
SPANISH 1	Elementary Spanish	(5)	SPAN 401 Elementary Spanish (4)
SPANISH 2	Elementary Spanish	(5)	SPAN 401 & Elementary Spanish (4)
			SPAN 402 Elementary Spanish (4)
SPANISH 3	Elementary Spanish	(5)	SPAN 402 Elementary Spanish (4)
	OR		OR

SPANISH 28	Inter Conversation	(2) NO COURSE ARTICULATED: College has not
		submitted course(s) for articulation
SPANISH 31	Int Span Nat Spk I	(5) NO COMPARABLE COURSE
SPANISH 32	Int Span Nat Spk II	(5) NO COMPARABLE COURSE
END OF MAJOR		

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

#### Special Advising Note:

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

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

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#### Chinese Placement Examination Note:

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

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

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

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

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

## College Foreign Language Requirement Note:

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

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

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

x) CHINESE 1	Elem Chinese	(5)	NO	COMPARABLE	COURSE	
x) CHINESE 2	Elem Chinese	(5)	NO	COMPARABLE	COURSE	
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 6	Inter Chinese	(5)	NO	COMPARABLE	COURSE	
	OR		İ		OR	
x) CHINESE 1BL	Accl Wrtn Chinese I	(5)	NO	COMPARABLE	COURSE	
x) CHINESE 2BL	Accl Wrtn Chinese	(5)	NO	COMPARABLE	COURSE	
	II		ĺ			
x) CHINESE 3BL	Accl Wrtn Chinese	(5)	NO	COMPARABLE	COURSE	
	III		İ			
	OR		ĺ		OR	
x) CHINESE 1CN	Mand/Cant Spkrs I	(5)	NO	COMPARABLE	COURSE	
x) CHINESE 2CN	Mand/Cant Spkrs II	(5)	NO	COMPARABLE	COURSE	
x) CHINESE 3CN	Mand/Cant Spkrs III	(5)	NO	COMPARABLE	COURSE	

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RECOMMENDED COURSES FOR THIS MAJOR:

CHINESE 10	Modern Lit (in Engl)	(4) NO COMPARABLE COURSE	
CHINESE 11	Gt Bks China (Engl)	(4) NO COMPARABLE COURSE	
CHINESE 50	Intro to Literature	(4) NO COMPARABLE COURSE	
Same as:	JPNESE 50		
COMPLIT 14	Intro Poetry	(3) NO COMPARABLE COURSE	
JPNESE 10	Masterworks in English	(4) NO COMPARABLE COURSE	
LINGUIS 1	Intro Linguistics	(4) NO COMPARABLE COURSE	
HISTORY 9A	East Asian Civ	(4) NO COMPARABLE COURSE	
			_

END OF MAJOR

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

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

#### Special Advising Note:

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

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

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

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

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

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

#### Select two of the following courses:

CINE&TS 40A Mee	dia History I	(4)	NO COURSE	ARTICULATED:	College has not
Same as: SCI&T	EC 40A		submitted	course(s)for	articulation
CINE&TS 40B Med	dia History 2	(4)	NO COURSE	ARTICULATED:	College has not
Same as: SCI&T	EC 40B		submitted	course(s)for	articulation
CINE&TS 41A Cir	nema Hist 1895-1945	(4)	NO COURSE	ARTICULATED:	College has not
			submitted	course(s)for	articulation
CINE&TS 41B Cit	nema Hist 1945 to	(4)	NO COURSE	ARTICULATED:	College has not
the	e Present		submitted	course(s)for	articulation
FILM ST 45 Vam	pires	(4)	NO COURSE	ARTICULATED: C	College has not
Same as: GERMA	N 45		submitted	course(s)for	articulation

#### Select two of the following courses:

FILM ST 1	Intro to Film Studies	(4)	TA 310	Introduction to Film (3)
Former	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)	1	ARTICULATED: College has not
			submitted	course(s) for articulation

END OF MAJOR

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

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

## IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

## Special Advising Note:

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

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

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

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

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

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

#### General Education (GE) Note:

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

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

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

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

#### END OF MAJOR

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

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

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

## Transfer Admission Guarantee (TAG) Note:

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

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

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

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#### College Foreign Language Requirement Note:

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

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

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

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

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#### TWO COURSES FROM THE FOLLOWING:

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

#### ONE ADDITIONAL COURSE SELECTED FROM:

ARTHI 1A	Ancient Mediterranean Art	(4)	ARTH 303 Art Survey: Ancient to (3) 14th Century
CLASSIC 1	N East/Early Gr	(4)	NO COMPARABLE COURSE
CLASSIC 2	Anc Gr & Near East	· · /	NO COMPARABLE COURSE
CLASSIC 3	Rome & The Mediter		NO COMPARABLE COURSE
CLASSIC 4	Late Antiquity	. ,	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		İ
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)	ENGLT 340 World Literature I (3)
	World		
PHILOS 21	Phil Classics: Ancient	(4)	PHIL 330 History of Classical (3)
			Philosophy
	The Bible		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 <u>transfer admission website</u>. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

### Transfer Admission Guarantee (TAG) Note:

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

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

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

## College Foreign Language Requirement Note:

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

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

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

LATIN 1	Elementary Latin	(5) NO COMPARABLE COURSE
LATIN 2	Elementary Latin	(5) NO COMPARABLE COURSE
LATIN 3	Intermediate Latin	(5) NO COMPARABLE COURSE
	AND	AND
GREEK 1	Elem Greek	(5) NO COMPARABLE COURSE
GREEK 2	Elem Greek	(5) NO COMPARABLE COURSE
GREEK 3	Intermediate Greek	(5) NO COMPARABLE COURSE
		·
CLASSIC 1	N East/Early Gr	(4) NO COMPARABLE COURSE
	OR	OR
CLASSIC 2	Anc Gr & Near East	(4) NO COMPARABLE COURSE
	OR	OR

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.

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

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

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

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

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

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

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

ENGLISH 3 Intro to Lit (4) ENGWR 301 College Composition (3)

ENGLISH 3	Intro to Lit OR	(4)	ENGWR   	301	College Composition and Literature <b>OR</b>	(3)
UWRITING 1	Expository Writing	(4)	  ENGWR	300		(3)
COMUNCN 1	Intro Public Spkg	(4)	COMM   	301	Introduction to Public Speaking	(3)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 	400	Principles of Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution		BIOL BIOL		<u>A</u> Principles of Botany Principles of Zoology	(5) (5)
CHEM 2A CHEM 2B	Genl Chemistry Genl Chemistry	• •	CHEM	400	General Chemistry <u>&amp;</u> General Chemistry General Chemistry	(5) (5)
CHEM 2C	Genl Chemistry	(5)	CHEM	401 401	-	(5) (5)
CHEM 8A	Organic Chem-Brief	(2)	NO CO	MPAR	ABLE COURSE	
CHEM 8B	Organic Chem-Brief	(4)	NO CO	MPAR	ABLE COURSE	
ECON 1A	Princ of Microecon OR	(4)	ECON   	304	Principles of Microeconomics <b>OR</b>	(3)
ECON 1B	Princ of Macroecon	(4)	econ	302	Principles of Macroeconomics	(3)
PSYCH 1	General Psychology	(4)	PSYC	300	General Principles	(3)
SOCIOL 1	Intro Sociology <b>OR</b>	(5)	SOC 3	00	Introductory Sociology <b>OR</b>	(3)
SOCIOL 3	Social Problems OR	(4)	SOC 3	01	Social Problems OR	(3)
ANTHRO 2	Cultural Anthropology	(5)	ANTH	310	Cultural Anthropology	(3)
	Elementary Statistics : STATIST 13Y	(4)	STAT       <b>OR</b>		Introduction to Probability and Statistics	(4)
			PSYC		Introductory	(3)

END OF MAJOR

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

#### Special Advising Note:

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

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

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

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

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

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

## College Foreign Language Requirement Note:

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

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

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

LINGUIS 1	Intro Linguistics	(4)   NO COMPARABLE COURSE
COG SCI 1 Inti	ro Cognitive Science	(4)   NO COURSE ARTICULATED
000 001 1 100	OR	OR
	UI(	UK UK
PHILOS 10		(4) NO COURSE ARTICULATED: College has not
PHILOS 10		

PHILOS 13G Minds, Brains Comp w/Disc	(4)	Reasoning NO COURSE ARTICULATED:College has no submitted course(s)for articulation	t
PSYCH 1 General Psychology PSYCH 41 Research Methods	• •		3) 3)
STATIST 13 Elementary Statistics Same as: STATIST 13Y	(4)	STAT 300 Introduction to (A Probability and Statistics	4)
		· —	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 <u>transfer admission website</u>. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

## Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

	Emphasis	1: Computational		
ENG CS 20	C Sci/Discrete Math	(4) CISP 440	Discrete Structures	(3)

ENG CS 32A Intro to Programming(4)		for Computer Science CISP 370 Beginning Visual BASIC (4)
Formerly ENG CS 10 OR		OR
ENG CS 36A Programming Formerly ENG CS 30	(4)	CISP 360 Introduction to (4) Structured Programming
ENG CS 34 UNIX & C++ OR	(5)	NO COURSE ARTICULATED
ENG CS 36B Object-Oriented Program Formerly ENG CS 40	(4)	CISP 400 Object Oriented (4) Programming with C++
ENG CS 50 Machine Dependent Prog	(4)	CISP 310Assembly Language(4)Programming forMicrocomputers
ENG CS 32B Intro to Data Structures OR	(4)	OR
ENG CS 36C Data Structures Formerly ENG CS 60	(4)	CISP 430 Data Structures (4)
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 OR	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation OR
MATH 21A Calculus MATH 21B Calculus	(4) (4)	MATH 400 Calculus I (5) MATH 401 Calculus II (5)
MATH 22A Linear Algebra	(3)	MATH 410 Introduction to Linear (3)   Algebra
MATH 22AL Lin Alg Comp Lab	(1)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
COG SCI 1 Intro Cognitive Science OR	(4)	NO COURSE ARTICULATED
PHILOS 10 Intro Cognitive Science	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
PHILOS 12 Intro to Symbol Logic	(4)	PHIL 320 Logic and Critical (3) Reasoning
PHILOS 13G Minds, Brains Comp w/Disc	(4)	NO COURSE ARTICULATED:College has not submitted course(s)for articulation
PSYCH 1 General Psychology PSYCH 41 Research Methods	(4) (4)	PSYC 300General Principles(3)PSYC 335Research Methods in(3)Psychology
STATIST 13 Elementary Statistics Same as: STATIST 13Y	(4)	Probability and Statistics
		OR         PSYC 330       Introductory       (3)         Statistics for the         Behavioral Sciences
Emphas	is 2:	Neuroscience
BIOLSCI 2A Intro Biology:Life on Earth		BIOL 400 Principles of Biology (5)
BIOLSCI 2B Intro Biology: Ecology & Evolution		BIOL 410 & Principles of Botany (5) BIOL 420 Principles of Zoology (5)
	(5)	BIOL 410 & Principles of Botany (5)

	of Life		
LINGUIS 1	Intro Linguistics	(4)	NO COMPARABLE COURSE
 МАТН 17А	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	OR		OR
MATH 21A	Calculus	(4)	MATH 400 Calculus I (5)
MATH 21B	Calculus	(4)	MATH 401 Calculus II (5)
MATH 21C	Calculus	(4)	MATH 402 Calculus III (5)
COG SCI 1 I	ntro Cognitive Science OR	(4)	NO COURSE ARTICULATED
PHILOS 10	Intro Cognitive Science	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
PHILOS 13G	Minds, Brains Comp w/Disc	(4)	NO COURSE ARTICULATED:College has not submitted course(s)for articulation
PHYSICS 7A	General Physics	(4)	PHYS 350 & General Physics(4)PHYS 360General Physics(4)
PHYSICS 7B	General Physics	(4)	PHYS 350 $\underline{\boldsymbol{k}}$ General Physics(1)PHYS 360General Physics(4)
PHYSICS 7C	General Physics	(4)	PHYS 350 & General Physics(4)PHYS 360General Physics(4)
	OR		OR
PHYSICS 9A	Classical Physics	(5)	PHYS 411 Mechanics of Solids (4) and Fluids
PHYSICS 9B	Classical Physics	(5)	PHYS 431 Heat, Waves, Light and (4) Modern Physics
PHYSICS 9C	Classical Physics	(5)	PHYS 421       Electricity and (4)         Magnetism
PSYCH 1 PSYCH 41	General Psychology Research Methods		PSYC 300General Principles(3)PSYC 335Research Methods in(3)
	Research Methods	(1)	Psychology
STATIST 13 Same as:	Elementary Statistics STATIST 13Y	(4)	STAT 300 Introduction to (4) Probability and Statistics
			PSYC 330 Introductory (3) Statistics for the Behavioral Sciences

END OF MAJOR

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

### Special Advising Note:

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

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

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

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## Transfer Admission Guarantee (TAG) Note:

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

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

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

## College Foreign Language Requirement Note:

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

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information.

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

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

anthro 4	Anthro Linguistics	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
LINGUIS 1	<b>OR</b> Intro Linguistics	(4)	OR NO COMPARABLE COURSE
COMUNCN 1	Intro Public Spkg	(4)	COMM 301 Introduction to Public (3) Speaking OR
COMUNCN 3	Intprsnl Com Cmpetnce OR	(4)	COMM 321 Interpersonal (3) Communication OR
	Global English Comm LINGUIS 5 <b>OR</b>	(4)	NO COURSE ARTICULATED:College has not submitted course(s)for articulation OR
	Global English Comm COMUNCN 5	(4)	NO COURSE ARTICULATED:College has not submitted course(s)for articulation
COMUNCN 10Y	Intro to Communication	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
B) ENG CS 1	5 Intro to Computers	(4)	CISC 310 Introduction to (3) Computer Information Science

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

OR PHILOS 12 Intro to Symbol Logic	(4) PHIL 320 	<b>OR</b> Logic and Critical Reasoning	(3)
PSYCH 1 General Psychology	(4) PSYC 300	General Principles	(3)
SOCIOL 1 Intro Sociology	(5) SOC 300	Introductory Sociology	(3)
SOCIOL 46B Intro Social Rsch OR	(5)   NO COMPARA	ABLE COURSE OR	
STATIST 13 Elementary Statistics Same as: STATIST 13Y	(4) STAT 300	Introduction to Probability and Statistics	(4)
	<u>OR</u>  PSYC 330   	Introductory Statistics for the 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 <u>transfer admission website</u>. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

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

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

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

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

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

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

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

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

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

## TWO COURSES FROM THE FOLLOWING:

COMUNCN 1	Intro Public Spkg	(4)	COMM 301	Introduction to Public (3) Speaking
COMPLIT 1	Major Books-Ancient World	(4)	ENGLT 340	World Literature I (3)
COMPLIT 2	Major Books-Middle Ages	(4)	ENGLT 340 &	World Literature I (3)
	to Enlightenment		ENGLT 341	World Literature II (3)
COMPLIT 3	Major Books-The Modern	(4)	ENGLT 341	World Literature II (3)
	Crisis		ĺ	
COMPLIT 4	Maj Books:Cont Wrld	(4)	NO COMPARABI	LE COURSE
ENGLISH 3	Intro to Lit	(4)	ENGWR 301	College Composition (3)
				and Literature
N A STD 5	Intro NA Literature	(4)	NO COURSE AN	RTICULATED: College has not
			submitted co	ourse(s) for articulation
UWRITING 1	Expository Writing	(4)	ENGWR 300	College Composition (3)

Formerly UWRITING 19	ĺ		Advanced Composition and Critical Thinking ABLE COURSE	
CM&RGDE 1 The Community	(4)		ARTICULATED: College has	
CM&RGDE 2 Ethnicity Amer Comm		NO COURSE	<pre>course(s) for articulati ARTICULATED: College has course(s) for articulati</pre>	not
PL SCI 21 Computers in Technology OR	(3)		ARTICULATED: College has course(s) for articulati OR	
B) ENG CS 15 Intro to Computers	(4)	CISC 310	Introduction to Computer Information Science	(3)
Please note that the community col may not be identical to UC Davis o upon transfer to UC Davis, may nee deficiencies.	ed to	ses. Commu o make up a	unity college students, any topic or language	
ECON 1A Princ of Microecon OR	(4)	ECON 304	Principles of Microeconomics	(3)
ECON 1B Princ of Macroecon	(4)	ECON 302	OR	(3)
ECON 1B Princ of Macroecon ANTHRO 2 Cultural Anthropology			OR Principles of Macroeconomics Cultural Anthropology	(3)
ECON 1B Princ of Macroecon	(5)		OR Principles of Macroeconomics Cultural Anthropology OR	
ECON 1B Princ of Macroecon ANTHRO 2 Cultural Anthropology OR	(5)	ANTH 310 SOC 300	OR Principles of Macroeconomics Cultural Anthropology OR	(3)
ECON 1B Princ of Macroecon ANTHRO 2 Cultural Anthropology OR SOCIOL 1 Intro Sociology STATIST 13 Elementary Statistics Same as: STATIST 13Y	(5)	ANTH 310 SOC 300	OR Principles of Macroeconomics Cultural Anthropology OR Introductory Sociology Introduction to Probability and Statistics Introductory Statistics for the Behavioral Sciences	(3)
ECON 1B Princ of Macroecon ANTHRO 2 Cultural Anthropology OR SOCIOL 1 Intro Sociology STATIST 13 Elementary Statistics	(5) (5) (4)	ANTH 310 SOC 300 STAT 300 <u>OR</u> PSYC 330	OR Principles of Macroeconomics Cultural Anthropology OR Introductory Sociology Introduction to Probability and Statistics Introductory Statistics for the Behavioral Sciences OR	(3) (3) (4) (3)
ECON 1B Princ of Macroecon ANTHRO 2 Cultural Anthropology OR SOCIOL 1 Intro Sociology STATIST 13 Elementary Statistics Same as: STATIST 13Y	(5) (5) (4)	ANTH 310 SOC 300 STAT 300 PSYC 330 NO COURSE	OR Principles of Macroeconomics Cultural Anthropology OR Introductory Sociology Introduction to Probability and Statistics Introductory Statistics for the Behavioral Sciences OR	(3) (3) (4) (3) (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.

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

## Special Advising Note:

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

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

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

### Transfer Admission Guarantee (TAG) Note:

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

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

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

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### College Foreign Language Requirement Note:

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

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

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

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

COMPLIT 4	Maj Books:Cont Wrld	(4)	NO CON	IPARA	ABLE COURSE
	Crisis <b>OR</b>				OR
COMPLIT 3	Major Books-The Modern	(4)	ENGLT	341	World Literature II (3)
	to Enlightenment		ENGLT	341	World Literature II (3)
COMPLIT 2	Major Books-Middle Ages	(4)	   ENGLT	340	& World Literature I (3)
	World OR		ĺ		OR
COMPLIT 1	Major Books-Ancient	(4)	ENGLT	340	World Literature I (3)

#### TWO COURSES FROM THE FOLLOWING:

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

COMPLIT 1	Major Books-Ancient	(4)	ENGLT	340	World Literature I	(3)
	World					
COMPLIT 2	Major Books-Middle Ages	(4)	ENGLT	340 <b>&amp;</b>	World Literature I	(3)
	to Enlightenment		ENGLT	341	World Literature II	(3)
COMPLIT 3	Major Books-The Modern	(4)	ENGLT	341	World Literature II	(3)
	Crisis					

COMPLIT 4	Maj Books:Cont Wrld	(4)	NO COMPARABLE COURSE
COMPLIT 5	Fairy Tales, Fables,	(4)	NO COMPARABLE COURSE
	Parables		
COMPLIT 6	Myths & Legends	(4)	NO COMPARABLE COURSE
COMPLIT 7	Lit:Fant,Supernatl	(4)	NO COMPARABLE COURSE
COMPLIT 8	Utopias Transform	(4)	NO COMPARABLE COURSE
COMPLIT 9	Short Story & Novella	(4)	NO COMPARABLE COURSE
COMPLIT 11	Travel and Modern World	(4)	NO COURSE 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.

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

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

### Special Advising Note:

All majors in the College of Engineering are selective and require preparatory coursework for admission. Transfer applicants must earn an overall transfer GPA of 3.10 or higher to be competitive candidates for admission to any engineering major. Strive to achieve your highest possible GPA in order to be most competitive. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents. Transfer applicants must also complete all lower-division courses required for their specific engineering major as listed below under courses "Required for Admission" with a cumulative GPA of 3.20 or higher for those courses completed at the time of application and through the transfer academic update filing period. Before submitting a UC application, students must have already achieved a cumulative GPA of 3.20 or higher in required lower-division major coursework completed. If one course from the group is completed at the time the application is submitted, the grade for that one course must be B+ or better. If two or more courses from the group are completed at the time the application is submitted, the GPA for those courses combined must be a 3.20 or higher.

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

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

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

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

## General Education (GE) Note:

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

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

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

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

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### Special Advising Note:

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

### IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

### Special Advising Note:

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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#### General Education (GE) Note:

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

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

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

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

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

END OF MAJOR

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

Special Advising Note:

## REQUIREMENTS FOR ADMISSION:

(for 2018-19)

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

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

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

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

Davis 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.

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## Special Advising Note:

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

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

MATH 21A Calculus MATH 21B Calculus MATH 21C Calculus	(4)   MATH 400       Calculus I       (5)         (4)   MATH 401       Calculus II       (5)         (4)   MATH 402       Calculus III       (5)
MATH 22A Linear Algebra OR	(3)   MATH 410 Introduction to Linear (3)   Algebra   OR
MATH 67 Modern Linear Algebra	(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ENG CS 20 C Sci/Discrete Math	(4)   CISP 440 Discrete Structures (3)   for Computer Science
ENG CS 36A Programming Formerly ENG CS 30	(4) CISP 360 Introduction to (4) Structured Programming
ENG CS 36B Object-Oriented Program	(4) CISP 400 Object Oriented (4)

Formerly ENG CS 40 ENG CS 36C Data Structures Formerly ENG CS 60			(4)
ENG CS 50 Machine Dependent Prog	(4)	CISP 310 Assembly Language ( Programming for Microcomputers	(4)
Please note that the community col may not be identical to UC Davis o upon transfer to UC Davis, may nee deficiencies.	cours	ses. Community college students,	
THREE OF THE	FOLI	LOWING COURSES:	
BIOLSCI 2A Intro Biology:Life on Earth	(5)	BIOL 400 Principles of Biology (	5)
BIOLSCI 2B Intro Biology: Ecology & Evolution	(5)		(5) (5)
BIOLSCI 2C Intro Biology: Biodiversity & the Tree of Life			(5) (5)
CHEM 2A Genl Chemistry	(5)	CHEM 400 General Chemistry (	5)
CHEM 2B Genl Chemistry	(5)		(5)
			5)
CHEM 2C Genl Chemistry		·	5)
CHEM 2AH Honors Genl Chemistry		NO COMPARABLE COURSE	
CHEM 2BH Honors Genl Chemistry		NO COMPARABLE COURSE	
CHEM 2CH Honors Genl Chemistry		NO COMPARABLE COURSE	
PHYSICS 9A Classical Physics	(5)	PHYS 411 Mechanics of Solids ( and Fluids	4)
PHYSICS 9B Classical Physics	(5)	PHYS 431 Heat, Waves, Light and ( Modern Physics	(4)
PHYSICS 9C Classical Physics	(5)	_	4)

END OF MAJOR

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

### Special Advising Note:

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

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

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## Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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### College Foreign Language Requirement Note:

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

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

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

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

DESIGN 1 Intro to Design (4) NO COMPARABLE COURSE

DESIGN 14	Design Drawing <b>OR</b>	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation OR
DESIGN 21	Drafting and Perspective	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
DESIGN 15	Form & Color	(4)	ART 320 & ART 323Design: Fundamentals(3)Design: Color Theory(3)AND
DESIGN 16	Graphics & The Computer	(4)	NO COMPARABLE COURSE
DESIGN 40A	Energy, Materials, Design <b>OR</b>	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation OR
DESIGN 40B	Ideologies of Design <b>OR</b>	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation OR
DESIGN 40C	Design Aesthetics/Exper	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation

#### TWO COURSES FROM THE FOLLOWING:

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

ART 12 Be	eginning Video	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
DESIGN 40A	Energy, Materials,	(4)	NO COURSE ARTICULATED: College has not
	Design		submitted course(s) for articulation
DESIGN 40B	Ideologies of Design	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
DESIGN 40C	Design Aesthetics/Exper	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
DESIGN 50	Intro to 3-D Design	(4)	NO COURSE ARTICULATED
DESIGN 70	Intro Textile Structure	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
DESIGN 77	Intro to Fashion Design	(4)	NO COMPARABLE COURSE

UWRITING 11 Pop Sci & Technol	(4)	NO COURSE ARTICULATED: College has not
Wrtng		submitted course(s)for articulation
OR		OR
UWRITING 12 Writing/Visual	(4)	NO COURSE ARTICULATED: College has not
Rhetoric		submitted course(s)for articulation
OR		OR
UWRITING 48 Style in the Essay	(4)	ENGWR 302 Advanced Composition (3)
Formerly UWRITING 18		and Critical Thinking
OR		OR
UWRITING 49 Writing Research Papers	(4)	NO COMPARABLE COURSE
Formerly UWRITING 19		
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 <u>transfer admission website</u>. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

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### Transfer Admission Guarantee (TAG) Note:

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

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

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

## 

## College Foreign Language Requirement Note:

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website. HISTORY 9A East Asian Civ (4) NO COMPARABLE COURSE HISTORY 9B East Asian Civ (4) NO COMPARABLE COURSE

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#### ONE COURSE FROM THE FOLLOWING:

ARTHI 1D	Arts of Asia	(4)	ARTH 332 Asian Art (3)
CHINESE 7	Chinese Business Culture	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
CHINESE 10	Modern Lit (in Engl)	(4)	NO COMPARABLE COURSE
CHINESE 11	Gt Bks China (Engl)	(4)	NO COMPARABLE COURSE
COMPLIT 53A	Lit of East Asia	(4)	NO COMPARABLE COURSE
JPNESE 10	Masterworks in English	(4)	NO COMPARABLE COURSE
JPNESE 25	Language & Culture (in	(4)	NO COMPARABLE COURSE
	English)		
JPNESE 50	Intro to Literature	(4)	NO COMPARABLE COURSE
Same as:	CHINESE 50		
E ASIAN 88	Korean Society	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
REL STD 75	Introduction to Chinese	(4)	NO COMPARABLE COURSE
	Philosophy		

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

x) CHINESE 1	Elem Chinese	(5)   NO	COMPARABLE	COURSE
x) CHINESE 2	Elem Chinese	(5)   NO	COMPARABLE	COURSE
	OR			OR
y) JPNESE 1	Elem Japanese	(5)   NO	COMPARABLE	COURSE
y) JPNESE 2	Elem Japanese	(5) NO	COMPARABLE	COURSE
END OF MAJOR				

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

BIOLSCI 2A	Intro Biology:Life on	(5) BIOL 400	Principles of Biology	(5)
	Earth			
BIOLSCI 2B	Intro Biology: Ecology	(5) BIOL 410 <u>&amp;</u>	Principles of Botany	(5)
	& Evolution	BIOL 420	Principles of Zoology	(5)

BIOLSCI 2C	Intro Biology: Biodiversity & the Tre of Life		BIOL  BIOL 			(5) (5)
CHEM 2A CHEM 2B	Genl Chemistry Genl Chemistry		CHEM   CHEM   CHEM	400 8	General Chemistry	(5) (5) (5)
PHYSICS 1A PHYSICS 1B	Principles Physics Principles Physics <b>OR</b>		PHYS   PHYS 		1	(4) (4)
PHYSICS 7A	General Physics		PHYS   PHYS	360	General Physics	(4) (4)
PHYSICS 7B	General Physics	(4)	PHYS			(4)
PHYSICS 7C	General Physics	(4)	PHYS PHYS		1	(4) (4)
FILIDICS /C	General Filysics	(1)	PHYS			(4)
series befo series may		who ional	transf physi	fer wi ics co		
MATH 16A	Short Calculus	(3)	MATH	400	Calculus I	(5)
MATH 16B	Short Calculus <b>OR</b>	(3)	MATH 	401	Calculus II <b>OR</b>	(5)
MATH 17A	Calculus for BioSci	(4)			ARTICULATED: College has a course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)	NO CO	DURSE	ARTICULATED: College has a course(s) for articulation	not
MATH 21A	<b>OR</b> Calculus	(4)	  MATH	400	<b>OR</b> Calculus I	(5)
MATH 21B	Calculus		MATH			(5)
ENV S&P 1	Env Analysis	(4)	NO CC	 DMPAR#	ABLE COURSE	

### PREPARATION FOR GRADUATION:

SCI&SOC 18	GIS & Society	1	ARTICULATED: College has not
		  submitted	course(s) for articulation
END OF MAJOR			

ND 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 http://tag.ucdavis.edu for details regarding UC Davis TAG. _____

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

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

## College Foreign Language Requirement Note:

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

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

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

ECON 1A Princ of Microecon

STATIST 13Elementary Statistics(4)STAT 300Introduction to(4)Same as:STATIST 13YProbability and Statistics(4)PSYC 330Introductory(3)Statistics for the Behavioral Sciences(3)ORORORSTATIST 32Gateway to Data Science(4)MATH 16A Bort Calculus(3)MATH 16B MATH 16BShort Calculus(3)MATH 16B MATH 21ACalculus(4)MATH 21A MATH 21BCalculus(4)MATH 401 MATH 401Calculus II(5)MATH 21B MATH 21B(4)MATH 401Calculus IIMATH 21BCalculus(4)MATH 401Calculus IIMATH 21BCalculus(4)MATH 401Calculus IIMATH 21BCalculus(4)MATH 401Calculus IIMATH 21BCalculus(4)MATH 401Calculus IIMATH 21BCalculus(5)	ECON 1B	Princ of Macroecon	(4)	   ECON 	302	Microeconomics Principles of Macroeconomics	(3)
PSYC 330Introductory(3)Statistics for the Behavioral SciencesStatistics for the Behavioral SciencesORORSTATIST 32Gateway to Data Science(4)NO COURSE ARTICULATED: College has not submitted course(s) for articulationMATH 16AShort Calculus(3)MATH 16BShort Calculus(3)MATH 16BShort Calculus(3)MATH 16BCalculus(5)ORORMATH 21ACalculus(4)MATH 400Calculus I(5)			(4)	ļ		Probability and	(4)
STATIST 32Gateway to Data Science(4)NO COURSE ARTICULATED: College has not submitted course(s) for articulationMATH 16AShort Calculus(3)MATH 400Calculus I(5)MATH 16BShort Calculus(3)MATH 401Calculus II(5)ORORORORORMATH 21ACalculus(4)MATH 400Calculus I(5)				-	-	Statistics for the Behavioral Sciences	(3)
MATH 16BShort Calculus(3)MATH 401Calculus II(5)ORORORMATH 21ACalculus(4)MATH 400Calculus I(5)	STATIST 32		(4)	1		ARTICULATED: College ha	
ORORMATH 21ACalculus(4)MATH 400Calculus I(5)	MATH 16A	Short Calculus	(3)	MATH	400	Calculus I	(5)
MATH 21A Calculus (4) MATH 400 Calculus I (5)	MATH 16B	Short Calculus	(3)	MATH	401	Calculus II	(5)
		OR					
MATH 21B Calculus (4) MATH 401 Calculus II (5)	MATH 21A	Calculus		!		Calculus I	(5)
	MATH 21B	Calculus	(4)	MATH	401	Calculus II	(5)

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

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

END OF MAJOR

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

### Special Advising Note:

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

#### IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

## Special Advising Note:

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

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

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

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

## Transfer Admission Guarantee (TAG) Note:

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

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### General Education (GE) Note:

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

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

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

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

END OF MAJOR

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

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses

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

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

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

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

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

## Education(GE) Note:

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

## College Foreign Language Requirement Note:

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

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

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

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Intro to Lit	(4)	ENGWR	301	College Composition	(3)
OR				OR	
Expository Writing	(4)	ENGWR	300	College Composition	(3)
Literatures in English I: To 1700	(4)	ENGLT 	310	English Literature I	(3)
Literatures in English II: 1700-1900	(4)	ENGLT	320	American Literature	(3)
Literatures in English III: 1900 to Present	(4)	1		English Literature II	(3)
		ENGLT 	321	American Literature II	(3)
	OR Expository Writing Literatures in English I: To 1700 Literatures in English II: 1700-1900 Literatures in English	OR Expository Writing (4) Literatures in English (4) I: To 1700 Literatures in English (4) II: 1700-1900 Literatures in English (4)	OR Expository Writing (4) ENGWR Literatures in English (4) ENGLT I: To 1700 Literatures in English (4) ENGLT II: 1700-1900 Literatures in English (4) ENGLT III: 1900 to Present <u>O</u>	OR Expository Writing (4) ENGWR 300 Literatures in English (4) ENGLT 310 Literatures in English (4) ENGLT 320 II: 1700-1900 Literatures in English (4) ENGLT 311	ORand LiteratureORORExpository Writing(4) ENGWR 300College CompositionLiteratures in English (4) ENGLT 310English Literature II: To 1700ILiteratures in English (4) ENGLT 320American LiteratureII: 1700-1900ILiteratures in English (4) ENGLT 311English Literature IIIII: 1900 to PresentORENGLT 321American Literature

#### 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 COURSE ARTICULATED: College has not
		submitted course(s) for articulation
ENGLISH 44	Intro Topics in Fiction	(4)   NO COURSE ARTICULATED: College has not
		submitted course(s) for articulation
ENGLISH 45	Intro Topics in Poetry	(4) NO COMPARABLE COURSE
END OF MAJOR		

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

#### Special Advising Note:

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

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

## Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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BIOLSCI 2A	Intro Biology:Life on Earth	(5)	) BIOL 400 Principles of Biology (5
BIOLSCI 2B	Intro Biology: Ecology	(5)	) BIOL 410 & Principles of Botany (5
	& Evolution		BIOL 420 Principles of Zoology (5
BIOLSCI 2C	Intro Biology:	(5)	) BIOL 410 & Principles of Botany (5
	Biodiversity & the Tree		BIOL 420 Principles of Zoology (5
	of Life		
CHEM 2A	Genl Chemistry	(5)	) CHEM 400 General Chemistry (5
CHEM 2B	Genl Chemistry	(5)	)   CHEM 400 & General Chemistry (5
			CHEM 401 General Chemistry (5
CHEM 8A	Organic Chem-Brief	(2)	) NO COMPARABLE COURSE
CHEM 8B	Organic Chem-Brief	(4)	) NO COMPARABLE COURSE
	OR		OR
	-		) CHEM 420 Organic Chemistry (5
CHEM 118B	Org Chem, Hlth & Sci	(4)	) CHEM 420 & Organic Chemistry (5
			CHEM 421 Organic Chemistry (5
MATH 16A	Short Calculus	(3)	)   MATH 400 Calculus I (5
MATH 16B	Short Calculus		)   MATH 401 Calculus II (5
MATH 16C	Short Calculus	(3)	) MATH 401 Calculus II (5
	OR		OR
MATH 17A	Calculus for BioSci	(4)	) NO COURSE ARTICULATED: College has not
Mart 105		( 1 )	submitted course(s) for articulation
MATH 17B	Calculus for Biosci	(4)	) NO COURSE ARTICULATED: College has not
MATH 17C	Calculus for BioSci	(1)	<pre> submitted course(s) for articulation ) NO COURSE ARTICULATED: College has not</pre>
MAIN 17C	Calculus for Broser	(4)	submitted course(s) for articulation
	OR		
MATH 21A	Calculus	(4)	) MATH 400 Calculus I (5
MATH 21B	Calculus		)   MATH 401 Calculus II (5
-		. /	

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

MATH 21C	Calculus	(4) N	MATH 402	Calculus III	(5)
	Principles Physics Principles Physics		PHYS 350 PHYS 360		(4)
	Elementary Statistics STATIST 13Y	(4) 5	STAT 300 OR	Introduction to Probability and Statistics	(4)
	OR	I   I   	PSYC 330	Introductory Statistics for the Behavioral Sciences <b>OR</b>	(3)
STATIST 32	Gateway to Data Science			ARTICULATED: College has course(s) for articulati	
PL SCI 21	<b>OR</b> Computers in Technology			<b>OR</b> ARTICULATED: College has course(s) for articulati	

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

## Special Advising Note:

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

## IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

### Special Advising Note:

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

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

Any required courses that are offered at your current college must be completed

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

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

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

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

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## General Education (GE) Note:

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

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

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

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

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

## _____

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

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

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

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

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

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

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

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

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

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

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

ENVHORT 1 Intro Envhort/Urb For (3) HORT 300 Intro to Horticulture (3)

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 (5) BIOL 400 Principles of Biology (5) Earth BIOLSCI 2BIntro Biology: Ecology(5)BIOL 410 & Principles of Botany(5)& EvolutionBIOL 420Principles of Zoology(5)PL SCI 2Bot Physio Cul Plt(4)NO COMPARABLE COURSE _____ (5) CHEM 400General Chemistry(5) CHEM 400 &General ChemistryCHEM 401General Chemistry CHEM 2A Genl Chemistry (5) CHEM 2B Genl Chemistry (5) (5) _____ ENV S&P 1 Env Analysis (4) NO COMPARABLE COURSE OR OR ENV S&P 10 Current Issues in (3) BIOL 350 Environmental Biology (3) Environment Same as: ENVT 304 ENV S&P 10 not open for credit to students who have completed ENV S&P 1 OR OR ENV S&P 30 Global Ecosystem (3) NO COMPARABLE COURSE Same as: ENV SC&M 30 _____ PHYSICS 1APrinciples Physics(3) PHYS 350General PhysicsPHYSICS 1BPrinciples Physics(3) PHYS 360General Physics (4) (4) _____ PL SCI 21 Computers in Technology (3) NO COURSE ARTICULATED: College has not submitted course(s) for articulation _____ (3) MATH 400 Calculus I MATH 16A Short Calculus (5) OR OR STATIST 13 Elementary Statistics (4) STAT 300 Introduction to Same as: STATIST 13Y Probability and (4) Statistics PSYC 330 Introductory (3) Statistics for the Behavioral Sciences Select one lower division resource science course and one lower division social science/humanities course for a minimum of six quarter units in consultation with advisor _____ URBAN LANDSCAPE MANAGEMENT OPTION (3) NO COURSE ARTICULATED: College has not SCI&SOC 18 GIS & Society submitted course(s) for articulation _____ **RECOMMENDED COURSES:** COMUNCN 1 Intro Public Spkg (4) COMM 301 Introduction to Public (3) Speaking _____ _____ 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

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

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

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

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

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

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

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

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

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

courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

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

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

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

COMUNCN 1 Intro Public Spkg OR	(4)	COMM 301 Introduction to Public (3) Speaking OR
-	(4)	COMM 321 Interpersonal (3) Communication
DRAMART 10 Intro To Acting	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
Earth	(5)	BIOL 400 Principles of Biology (5)
OR BIOLSCI 10 Everyday Biology	(4)	OR  BIOL 300 The Foundations of (3)   Biology   OR
		BIOL 307 Biology of Organisms (4)
		BIOL 310 General Biology (4)
CHEM 2A Genl Chemistry OR	(5)	CHEM 400 General Chemistry (5)
CHEM 10 Concept of Chem	(4)	NO COMPARABLE COURSE
PHYSICS 1A Principles Physics	(3)	PHYS 350 General Physics (4)
BIOLSCI 2B Intro Biology: Ecology & Evolution OR		BIOL 410 <u>&amp;</u> Principles of Botany (5) BIOL 420 Principles of Zoology (5) OR
CHEM 2B Genl Chemistry	(5)	CHEM 400 <u>&amp;</u> General Chemistry (5) CHEM 401 General Chemistry (5) OR
*	(3)	PHYS 360 General Physics (4)
ONE COURSE FRO		HE FOLLOWING:
PL SCI 21 Computers in Technology	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

OR SCI&SOC 18 GIS & Society (3) NO COURSE ARTICULATED: College has not submitted course(s) for articulation ECON 1A Princ of Microecon (4) ECON 304 Principles of Microeconomics (3) ECON 1B Princ of Macroecon (4) ECON 302 Principles of Macroeconomics (3) _____

ONE COURSE FROM THE FOLLOWING:

ATM SCI 60	Intro to Atmospheric Science	(4)	NO COMPARABLE COURSE
PL SCI 12	1 The Earth Plants and Society SCI&SOC 12		GEOL 300 Physical Geology (3)  NO COMPARABLE COURSE 
-	-	(3)	BIOL 350 Environmental Biology (3)   Same as: ENVT 304
ENV S&P 1	Env Analysis	(4)	NO COMPARABLE COURSE
МАТН 16А МАТН 16В	Short Calculus Short Calculus <b>OR</b>		MATH 400         Calculus I         (5)           MATH 401         Calculus II         (5)           OR         OR
МАТН 17А МАТН 17В	Calculus for BioSci Calculus for Biosci		NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not
	OR		submitted course(s) for articulation <b>OR</b>
MATH 21A MATH 21B		(4)	MATH 400Calculus I(5)MATH 401Calculus II(5)
POL SCI 1	Amer Natl Govt		POLS 301       Introduction to       (3)         Government: United         States
	Elementary Statistics STATIST 13Y	(4)	STAT 300 Introduction to (4) Probability and Statistics
			OR         PSYC 330       Introductory       (3)         Statistics for the         Behavioral Sciences
STATIST 32	<b>OR</b> Gateway to Data Science	(4)	OR NO COURSE ARTICULATED: College has not submitted course(s) for articulation
 SCI&SOC 25		_	NGE POLICY AREA:
5010500 25		(3)	submitted course(s) for articulation
END OF MAJO	R		

i) If a student takes GEOL 300 at Folsom Lake College, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.

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

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

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

## Transfer Admission Guarantee (TAG) Note:

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

General Catalog . Quick reference charts for AP and IB are also available from our TAG website. _____ COMUNCN 1 Intro Public Spkg (4) COMM 301 Introduction to Public (3) Speaking OR OR COMUNCN 3 Intprsnl Com Cmpetnce (4) COMM 321 Interpersonal (3) Communication OR OR DRAMART 10 Intro To Acting (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation _____ BIOLSCI 2A Intro Biology:Life on (5) BIOL 400 Principles of Biology (5) Earth BIOLSCI 2B Intro Biology: Ecology (5) BIOL 410 & Principles of Botany (5) & Evolution|BIOL 420Principles of Zoology (5)BIOLSCI 2CIntro Biology:(5)BIOL 410 & Principles of Botany (5) Biodiversity & the Tree |BIOL 420 - Principles of Zoology (5) of Life _____ (5) CHEM 400 General Chemistry (5) (5) CHEM 400 <u>&</u> General Chemistry (5) | CHEM 401 General Chemistry (5) | OR CHEM 2A Genl Chemistry CHEM 2B Genl Chemistry OR CHEM 2AH Honors Genl Chemistry (5) NO COMPARABLE COURSE CHEM 2BH Honors Genl Chemistry (5) NO COMPARABLE COURSE _____ i) GEOLOGY 1 The Earth (4) GEOL 300 Physical Geology OR | OR OR (3) i) GEOLOGY 50 Physical Geology (3) GEOL 300 Physical Geology (3) _____ PHYSICS 1APrinciples Physics(3) | PHYS 350General Physics(4)PHYSICS 1BPrinciples Physics(3) | PHYS 360General Physics(4)OROROROR 

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

 PHYSICS 7B
 General Physics
 (4)
 PHYS 360
 General Physics
 (4)

 PHYSICS 7B
 General Physics
 (4)
 PHYS 360
 General Physics
 (4)

 PHYSICS 7C
 General Physics
 (4)
 PHYS 360
 General Physics
 (4)

 PHYSICS 7C
 General Physics
 (4)
 PHYS 360
 General Physics
 (4)

 PHYS 360
 General Physics
 (4)
 PHYS 360
 General Physics
 (4)

 PHYS 360
 General Physics
 (4)
 PHYS 360
 General Physics
 (4)

 It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics. _____ ECON 1A Princ of Microecon (4) ECON 304 Principles of Microeconomics (3) _____ MATH 16AShort Calculus(3) | MATH 400Calculus IMATH 16BShort Calculus(3) | MATH 401Calculus II (5) (5) OR OR MATH 17A Calculus for BioSci (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation |submitted course(s) for articulation MATH 17B Calculus for Biosci (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation OR OR MATH 21A Calculus (4) MATH 400 Calculus I (5) (4) | MATH 401 Calculus II MATH 21B Calculus _____ ENV S&P 1 Env Analysis (4) NO COMPARABLE COURSE _____

#### RECOMMENDED COURSES FOR THIS MAJOR:

CHEM 2C Ger	nl Chemistry	(5)	CHEM 40	1 Genera	l Chemistr	y (5)
	OR				OR	
CHEM 2CH Ho	onors Genl Chemistry	(5)	NO COMP	ARABLE COUF	SE	

#### PREPARATION FOR GRADUATION:

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

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

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

#### CLIMATE CHANGE AND AIR QUALITY TRACK:

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

#### WATERSHED SCIENCE TRACK:

HYDRO S	10	Water, Po	ower, S	ociety	(3)	NO	COURSE	ARTICULATED:	College	has	not
Same	as:	SCI&SOC 10				sub	omitted	course(s) for	r articu	latio	on
GEOLOGY	35	Rivers			(3)	NO	COURSE	ARTICULATED:	College	has	not
						sub	omitted	course(s) for	r articu	latio	on
LND ARC	60	Landform	Gradin	g Studio	(6)	NO	COMPARA	ABLE COURSE			

END OF MAJOR

i) If a student takes GEOL 300 at Folsom Lake College, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.

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

#### Special Advising Note:

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

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## Transfer Admission Guarantee (TAG) Note:

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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).

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

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

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

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

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BIOLSCI 2A Inti Eart	ro Biology:Life on	(5)	BIOL	400		Principles of Biology	(5)
BIOLSCI 2B Inti	co Biology: Ecology Evolution	(5)	BIOL		_	Principles of Botany Principles of Zoology	(5) (5)
	ro Biology:	(5)	BIOL			Principles of Botany	(5)
	liversity & the Tree		BIOL		_	Principles of Zoology	(5)
of I	-						
	nemistry		CHEM			General Chemistry	(5)
CHEM 2B Genl Ch	nemistry	(5)	CHEM		_	General Chemistry General Chemistry	(5) (5)
CHEM 2C Genl Ch	nemistry	(5)	CHEM			General Chemistry	(5) (5)
CHEM ZC Genii Ci	OR	()		TOT		OR	())
CHEM 2AH Honors	s Genl Chemistry	(5)	NO CO	OMPAI	RABI	LE COURSE	
	Genl Chemistry	(5)	NO CO	OMPA	RABI	LE COURSE	
CHEM 2CH Honors	s Genl Chemistry	(5)	NO CO	OMPAI	RABI	LE COURSE	
	Chem, Hlth & Sci	(4)	CHEM	420		Organic Chemistry	(5)
CHEM 118B Org (	Chem, Hlth & Sci	(4)	CHEM	420	&	Organic Chemistry	(5)
			CHEM			Organic Chemistry	(5)
CHEM 118C Org (	Chem, Hlth & Sci	(4)	CHEM	421		Organic Chemistry <b>OR</b>	(5)
CHEM 128A Organ	OR nic Chemistry	(3)	  CHEM	420		Organic Chemistry	(5)
	nic Chemistry		CHEM		æ	Organic Chemistry	(5)
		(-)	CHEM			Organic Chemistry	(5)
CHEM 128C Organ	nic Chemistry	(3)	CHEM	421		Organic Chemistry	(5)
	nic Chem Lab	(2)	CHEM	420		Organic Chemistry	(5)
MATH 17A Calcul	lus for BioSci	(4)		 DURSI	 E Al	RTICULATED: College has	not
		. ,				ourse(s) for articulat	
MATH 17B Calcul	lus for Biosci	(4)	NO CO	DURSI	E Al	RTICULATED: College has	s not
						ourse(s) for articulat	
MATH 17C Calcul	lus for BioSci	(4)				RTICULATED: College has	
	25		subm	itteo	d co	ourse(s) for articulati	lon
MATH 21A Calcul	OR	(1)	  MATH	100		<b>OR</b> Calculus I	( 5 )
MATH 21A Calcul MATH 21B Calcul			MATH			Calculus II	(5) (5)
MATH 21C Calcul			MATH			Calculus III	(5)
PHYSICS 7A Gene	eral Physics	(4)	PHYS	350	&	General Physics	(4)
			PHYS			General Physics	(4)
PHYSICS 7B Gene	eral Physics	(4)	PHYS		_	General Physics	(4)
	Dhund ar	( 1 )	PHYS			General Physics	(4)
PHYSICS 7C Gene	eral Physics	(4)	PHYS		<u>òc</u>	General Physics General Physics	(4)
The in biable and an			PHYS			General Physics	(4)

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

#### END OF MAJOR

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

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## Special Advising Note:

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

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

# REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

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

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

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

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

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

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 400	Principles of Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution		BIOL 410 BIOL 420		(5) (5)
BIOLSCI 2C	& Evolution Intro Biology:				
	Biodiversity & the Tree of Life		BIOL 420 	Principles of Zoology	(5)
	Genl Chemistry		CHEM 400	_	(5)
CHEM 2B	Genl Chemistry	(5)	1	<u>&amp;</u> General Chemistry General Chemistry	(5) (5)
	Organic Chem-Brief		1	ABLE COURSE	
CHEM 8B	Organic Chem-Brief	(4)	NO COMPAR	ABLE COURSE	
MATH 17A	Calculus for BioSci	(4)	1	ARTICULATED: College has course(s) for articulati	
MATH 17B	Calculus for Biosci	(4)	NO COURSE	ARTICULATED: College has	not
	OR		submitted	course(s) for articulati <b>OR</b>	on
MATH 21A	Calculus			Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 401	Calculus II	(5)
PHYSICS 1A	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		PHYS 350	-	(4)
PHYSICS 1B	Principles Physics	(3)	PHYS 360	General Physics	(4)

#### **RECOMMENDED:**

MATH 17C Calculus for BioSci

(4) NO COURSE ARTICULATED: College has not

310SC1 (4) | N

ed course(s) for articulation	
OR	
2 Calculus III (5	5)
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### END OF MAJOR

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

### Special Advising Note:

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

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

# REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

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

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

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

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

### Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 400 Principles of Biology (5)
BIOLSCI 2B BIOLSCI 2C	Intro Biology: Ecology & Evolution Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 420 Principles of Zoology (5) BIOL 410 & Principles of Botany (5)
CHEM 2B	Genl Chemistry Genl Chemistry Genl Chemistry	(5)	CHEM 400General Chemistry(5) CHEM 400 <b>&amp;</b> General Chemistry(5) CHEM 401General Chemistry(5) CHEM 401General Chemistry(5)
	Organic Chem-Brief Organic Chem-Brief OR	• •	NO COMPARABLE COURSE NO COMPARABLE COURSE
CHEM 118A CHEM 118B	Org Chem, Hlth & Sci Org Chem, Hlth & Sci	(4)	CHEM 420Organic Chemistry(5)CHEM 420 <b>&amp;</b> Organic Chemistry(5)CHEM 421Organic Chemistry(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 421 Organic Chemistry (5)
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 21A	<b>OR</b> Calculus	(4)	OR MATH 400 Calculus I (5)
MATH 21R MATH 21B	Calculus Calculus	(4)	MATH 400     Calculus I     (3)       MATH 401     Calculus II     (5)
PHYSICS 7A	General Physics	(4)	PHYS 350 & General Physics(4)PHYS 360General Physics(4)
PHYSICS 7B	General Physics	(4)	PHYS 350 $\underline{\&}$ General Physics(1)PHYS 360General Physics(4)
PHYSICS 7C	General Physics	(4)	PHYS 350 & General Physics (4)

their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics. _____ RECOMMENDED: MATH 21C Calculus (4) MATH 402 Calculus III (5) _____ END OF MAJOR ====Fiber & Polymer Science B.S.==== IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS: The undergraduate major Fiber and Polymer Science in the College of Agricultural and Environmental Sciences is suspended for 2018 and 2019 applicants, and TAGs will not be available. The minor in Fiber and Polymer Science remains available to applicants. _____ CHEM 2A Genl Chemistry (5) CHEM 400 General Chemistry (5) The undergraduate major Fiber and Polymer Science in the College of Agricultural and Environmental Sciences has been suspended for fall 2017 applicants, and fall 2017 TAGs will not be available. The minor in Fiber and Polymer Science will remain available to these applicants. Fall 2017 applicants are encouraged to consider the Textiles and Clothing major, Textile Science option. CHEM 2B Genl Chemistry (5) CHEM 400 <u>&</u> General Chemistry (5)CHEM 2CGenl Chemistry(5)CHEM 401General Chemistry(5)CHEM 2CGenl Chemistry(5)CHEM 401General Chemistry(5) _____ B) ENG CS 15 Intro to Computers (4) CISC 310 Introduction to (3) Computer Information Science OR OR (4) CISP 360 Introduction to (4) Structured Programming ENG CS 36A Programming Formerly ENG CS 30 Please note that the community college's computer science courses may not be identical to UC Davis courses. Community college students, upon transfer to UC Davis, may need to make up any topic or language deficiencies. _____ MATH 16AShort Calculus(3) | MATH 400Calculus IMATH 16BShort Calculus(3) | MATH 401Calculus IIMATH 16CShort Calculus(3) | MATH 401Calculus II (5) (5) (5) OR OR (4) MATH 400 Calculus I MATH 21A Calculus (5) (4) MATH 401 Calculus II MATH 21B Calculus (5) (4) MATH 402 Calculus III MATH 21C Calculus (5) _____ PHYSICS 7A General Physics (4) PHYS 350 & General Physics (4) PHYS 360 General Physics (4) 

 (4) | PHYS 350
 & General Physics

 | PHYS 360
 General Physics

 (4) | PHYS 350
 & General Physics

 (4) | PHYS 350
 & General Physics

 | PHYS 360
 General Physics

 | PHYS 360
 General Physics

 | PHYS 360
 General Physics

 PHYSICS 7B General Physics (4)|PHYS 350 を General Physics (4) (4) PHYSICS 7C General Physics (4)|PHYS 350 を General Physics (4) (4)

It is highly recommended that students complete an entire physics series at

PHYS 360 General Physics

(4)

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

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

P11/01		OD.		1				OR	
PHYSI	CS 9A	<b>OR</b> Classical Physics	(5)	   PHY	rs 4	11		Mechanics of Solids	(4)
PHYSI	CS 9B	Classical Physics	(5)	   PHY	rs 4	31		and Fluids Heat, Waves, Light and	(4)
PHYSI	CS 9C	Classical Physics	(5)	   PHY 	S 4	21		Modern Physics Electricity and Magnetism	(4)
	ST 13 me as:	Elementary Statistics STATIST 13Y	(4)	İ	AT 3	00		Introduction to Probability and Statistics	(4)
					2011 2013	30		Introductory Statistics for the Behavioral Sciences	(3)
TEX&C	L 6	Intro Textiles	(4)	NO	COM	PAF	RAB	LE COURSE	
TEX&C	L 8	Textile Apparel Ind <b>OR</b>	(4)	NO 	COM	PAF	RAB	LE COURSE OR	
ENGIN	45	Prop of Mats	(4)	NO	COM	PAF	RAB	LE COURSE	
		PREPARATIO	ON FOR	GRA	DUA	TIC	) <u>N</u> :		
CHEM		Organic Chemistry		CHE				Organic Chemistry	(5)
CHEM	128B	Organic Chemistry		CHE			_	Organic Chemistry	(5)
CHEM	128C	Organic Chemistry		CHE   CHE				Organic Chemistry Organic Chemistry	(5) (5)
CHEM		Organic Chem Lab	(2)					Organic Chemistry	(5)
CHEM	129B	Organic Chem Lab					&	Organic Chemistry	(5)
				CHE	CM 4	21		Organic Chemistry	(5)
ELECTIVE COURSES:									
ECON	1 7	Princ of Microecon		ECO				Principles of	(3)
ECON	IA	FILLE OF MICLOECON	( = )	ECO		0 <del>1</del>		Microeconomics	(3)
ECON	1B	Princ of Macroecon	(4)	ECO 	ON 3	02		Principles of Macroeconomics	(3)
MATH	22A	Linear Algebra	(3)	   MAT 	Ч4	10		Introduction to Linear Algebra	(3)
MATH	22B	Differntl Equations	(3)	MAT	Н 4	20		5	(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.

Special Advising Note:

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

PL SCI 21 Computers in Technology (3) NO COURSE ARTICULATED: College has not

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submitted course(s) for articulation

Transfer students are strongly advised to complete as many preparatory courses

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

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

# Transfer Admission Guarantee (TAG) Note:

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

http://tag.ucdavis.edu for details regarding UC Davis TAG.

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

Education(GE) Note:

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

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

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

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

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

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

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

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

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

_____ COMUNCN 1 Intro Public Spkg (4) COMM 301 Introduction to Public (3) Speaking MATH 16A Short Calculus (3) MATH 400 Calculus I (5)MATH 16BShort Calculus(3) | MATH 401Calculus II(5)MATH 16CShort Calculus(3) | MATH 401Calculus II(5) _____ BIOLSCI 2A Intro Biology:Life on (5) BIOL 400 Principles of Biology (5) Earth _____ (5) CHEM 400 General Chemistry CHEM 2A Genl Chemistry (5) (5) CHEM 400General Chemistry(5) CHEM 400&CHEM 401General Chemistry(5) CHEM 401General Chemistry CHEM 2B Genl Chemistry (5) (5) CHEM 2C Genl Chemistry (5) _____ CHEM 8A Organic Chem-Brief (2) NO COMPARABLE COURSE AND AND CHEM 8B Organic Chem-Brief (4) NO COMPARABLE COURSE OR OR CHEM 118A Org Chem, Hlth & Sci (4) CHEM 420 Organic Chemistry (5) AND AND (5) CHEM 118B Org Chem, Hlth & Sci (4) CHEM 420 & Organic Chemistry CHEM 421 Organic Chemistry (5) (5) OR OR CHEM 128A Organic Chemistry (3) CHEM 420 Organic Chemistry (5) AND AND CHEM 128B Organic Chemistry (3) CHEM 420 & Organic Chemistry (5) CHEM 421 Organic Chemistry (5) AND AND CHEM 129A Organic Chem Lab (2) CHEM 420 Organic Chemistry (5) ______ PHYSICS 7A General Physics (4) PHYS 350  $\underline{\&}$  General Physics (4) PHYSICS 7BGeneral PhysicsPHYS 360General PhysicsC4)PHYS 350&General Physics (4) (4) PHYS 360 General Physics (4) PHYSICS 7CGeneral PhysicsGeneral Physics(4)PHYS 350**&**(4)PHYS 360General PhysicsGeneral PhysicsGeneral Physics (4) (4)

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

FD S&T 50 Intro Food Preservation (3) NO COMPARABLE COURSE

STATIST 13	Elementary Statistics	(4) STAT 300	Introduction to	(4)
Same as:	STATIST 13Y	ĺ	Probability and	

			   01	5	Statistics
			<u>01</u>  PSYC   	-	Introductory (3) Statistics for the Behavioral Sciences
NUTR 10	Discoveries and Concepts	(3)	NUTRI	E 300	0 Nutrition (3)
RECOMMENDED FOR STUDENTS INTENDING TO PU				GRAI	DUATE OR PROFESSIONAL STUDIES:
CHEM 118C	Org Chem, Hlth & Sci <b>OR</b>	(4)	CHEM	421	Organic Chemistry (5) OR
CHEM 128C	Organic Chemistry	(3)	CHEM	421	Organic Chemistry (5)
	AND				AND
CHEM 129B	Organic Chem Lab	(2)	CHEM	420	▲ Organic Chemistry (5)
			CHEM	421	Organic Chemistry (5)
	AND		ĺ		AND
CHEM 129C	Organic Chem Lab	(2)	CHEM	421	Organic Chemistry (5)

### END OF MAJOR

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

### Special Advising Note:

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

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

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### Transfer Admission Guarantee (TAG) Note:

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

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

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

### College Foreign Language Requirement Note:

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

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

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

### END OF MAJOR

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

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

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

### Transfer Admission Guarantee (TAG) Note:

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

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

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

### College Foreign Language Requirement Note:

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

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

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

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

WOM STD 50	Intro Gender Studies	(4)		ARTICULATED: College has not
			submitted	course(s) for articulation
WOM STD 60	Feminist Critiques	(4)		ARTICULATED: College has not
			submitted	course(s) for articulation
WOM STD 70	Sexual:Thry&Hist	(4)		ARTICULATED: College has not
			submitted	course(s) for articulation

### TWO COURSES FROM THE FOLLOWING:

AF-AMST 10	Af-Am Culture & Soc	(4)	NO COURSE ARTICULATED: College has not
AF-AMST 17	Women in Africa	(4)	submitted course(s) for articulation
AMR STD 21	Objects & Everyday Life	(4)	<pre>submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation</pre>
AMR STD 30	Amr Images Pop Cult	(4)	NO COMPARABLE COURSE
ANTHRO 2 C	ultural Anthropology	(5)	ANTH 310 Cultural Anthropology (3)
ANTHRO 20	Comparative Cultures	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ANTHRO 30	Sexualities	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
A A STD 1	Hist Exp Asian Am	(4)	NO COMPARABLE COURSE
a a std 2	Contemp Issues of Asian Americans		NO COMPARABLE COURSE
CHICANO 10	Intro to Chic Std	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHICANO 21	Hlth Care Issues	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHICANO 50	Chicano Culture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
COMPLIT 12	Intro Women Writers	(1)	NO COMPARABLE COURSE
DRAMART 1	Theatre, Performance and		1
	Culture		ĺ
ENGLISH 3	Intro to Lit	(4)	ENGWR 301 College Composition (3) and Literature
HISTORY 72A	Am Women & Gender	(4)	NO COMPARABLE COURSE
HISTORY 72B	Am Women & Gender	(4)	HIST 331 Women in American (3)
			History
HISTORY 85	Nat,Man&Mach/Amer	(4)	NO COMPARABLE COURSE
N A STD 10	NA Experience	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
n a std 32	NA Music & Dance	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
POL SCI 7	Law & Politics	(4)	BUS 345 Law and Society (3)
	Seneral Psychology		PSYC 300 General Principles (3)
SCI&TEC 1	Intro Sci & Tech Std		NO COMPARABLE COURSE
SCI&TEC 2	Intro History of Science	(4)	
SCI&TEC 20	Sci & Tec Std Methods	· · /	NO COMPARABLE COURSE
		. ,	•

SCI&TEC 32 Drugs, Science and	(4) NO COURSE ARTICULATED: College has not
Culture	submitted course(s) for articulation
Same as: ANTHRO 32	
SOCIOL 2 Self and Society	(4) NO COMPARABLE COURSE
SOCIOL 3 Social Problems	(4) SOC 301 Social Problems (3)
SOCIOL 11 Sociology of Labor and	(4) NO COURSE ARTICULATED: College has not
Employment	submitted course(s) for articulation
SOCIOL 30A Multicultural Societies	s (3) NO COMPARABLE COURSE
SOCIOL 30B Multicultural Societies	s (3) NO COURSE ARTICULATED: College has not
	submitted course(s) for articulation
TEX&CL 7 Style & Cult Std	(4) NO COMPARABLE COURSE
UWRITING 49 Writing Research Papers	(4) NO COMPARABLE COURSE
Formerly UWRITING 19	
WOM STD 20 Cult Repr of Gndr	(4) NO COURSE ARTICULATED: College has not
	submitted course(s) for articulation
END OF MAJOR	

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

#### Special Advising Note:

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

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

# **REQUIREMENTS FOR ADMISSION:**

(for 2019-20)

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

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

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

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

* Students planning for the major biochemistry and molecular biology should complete Organic Chemistry 118A/B/C rather than 8A/B. Students planning for the

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

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

### Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

BIOLSCI 2A Intro Earth	Biology:Life on	(5)	BIOL	400	Principles of Biology	(5)
BIOLSCI 2B Intro	Biology: Ecology volution				Principles of Botany Principles of Zoology	(5) (5)
	Biology:	(5)		410	& Principles of Botany	(5)
of Li	versity & the Tree fe			420	Principles of Zoology	(5)
CHEM 2A Genl Che	mistry		   CHEM		_	(5)
CHEM 2B Genl Che	mistry	(5)		400 401	General Chemistry General Chemistry	(5) (5)
CHEM 2C Genl Che	-	(5)	!		General Chemistry	(5)
	OR				OR	
CHEM 2AH Honors	Genl Chemistry	(5)	NO CO	OMPAR.	ABLE COURSE	
			1			
	Genl Chemistry		NO CO	OMPAR.	ABLE COURSE	
CHEM 2BH Honors	Genl Chemistry Genl Chemistry	(5)			ABLE COURSE ABLE COURSE	
CHEM 2BH Honors CHEM 2CH Honors	_	(5) (5)	NO CC	OMPAR		
CHEM 2BH Honors CHEM 2CH Honors CHEM 8A Organic	Genl Chemistry	(5) (5) (2)	NO CO  NO CO	OMPAR.  OMPAR.	ABLE COURSE	
CHEM 2BH Honors CHEM 2CH Honors CHEM 8A Organic CHEM 8B Organic	Genl Chemistry  Chem-Brief	(5) (5) (2)	NO CO  NO CO	OMPAR.  OMPAR.	ABLE COURSE ABLE COURSE	
CHEM 2BH Honors CHEM 2CH Honors CHEM 8A Organic CHEM 8B Organic	Genl Chemistry  Chem-Brief Chem-Brief	(5) (5) (2) (4)	NO CO  NO CO	OMPAR.  OMPAR. OMPAR.	ABLE COURSE ABLE COURSE ABLE COURSE OR	(5)
CHEM 2BH Honors CHEM 2CH Honors CHEM 8A Organic CHEM 8B Organic CHEM 118A Org Ch	Genl Chemistry  Chem-Brief Chem-Brief OR	(5) (5) (2) (4) (4)	NO CC  NO CC  NO CC	OMPAR.  OMPAR. OMPAR. 420	ABLE COURSE  ABLE COURSE ABLE COURSE <b>OR</b> Organic Chemistry	(5)
CHEM 2BH Honors CHEM 2CH Honors CHEM 8A Organic CHEM 8B Organic CHEM 118A Org Ch	Genl Chemistry Chem-Brief Chem-Brief OR em, Hlth & Sci	(5) (5) (2) (4) (4)	NO CC  NO CC  NO CC    CHEM  CHEM	OMPAR.  OMPAR. OMPAR. 420	ABLE COURSE ABLE COURSE ABLE COURSE OR Organic Chemistry & Organic Chemistry	
CHEM 2BH Honors CHEM 2CH Honors CHEM 8A Organic CHEM 8B Organic CHEM 118A Org Ch CHEM 118B Org Ch	Genl Chemistry Chem-Brief Chem-Brief OR em, Hlth & Sci	(5) (5) (2) (4) (4) (4)	NO CC  NO CC  NO CC    CHEM  CHEM	OMPAR. OMPAR. OMPAR. 420 420 421	ABLE COURSE ABLE COURSE ABLE COURSE OR Organic Chemistry <u>&amp;</u> Organic Chemistry Organic Chemistry	(5)

MATH 17A	Calculus for BioSci	(4)	) NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17C	Calculus for BioSci	(4)	) NO COURSE ARTICULATED: College has not		
			submitted course(s) for articulation		
	OR		OR		
MATH 21A	Calculus	(4)	)   MATH 400 Calculus I (5)		
MATH 21B	Calculus	(4)	) MATH 401 Calculus II (5)		
PHYSICS 7A	General Physics	(4)	) PHYS 350 & General Physics (4)		
			PHYS 360 General Physics (4)		
PHYSICS 7B	General Physics	(4)	) PHYS 350 & General Physics (4)		
			PHYS 360 General Physics (4)		
PHYSICS 7C	General Physics	(4)	) PHYS 350 & General Physics (4)		
			PHYS 360 General Physics (4)		
It is highl	ly recommended that stude	ents com	omplete an entire physics series at		
			nt to the entire UC Davis Physics 7A/B/C		
			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					
	will need to meet with a	UC Day	avis advisor before continuing with		
physics.					

		RECOMMENDED:			
MATH 21C	Calculus	(4) MATH 403	2 Calculus	III (5)	

### END OF MAJOR

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

## Special Advising Note:

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

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

## Transfer Admission Guarantee (TAG) Note:

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

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

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

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# College Foreign Language Requirement Note:

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

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

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

GEOLOGY 3 History of Life GEOLOGY 3L History of Life Lab	• •	GEOL		Historical Geology	(3)
GEOLOGY 3L HIStory of Life Lab	(1)	GEOL 	311	Historical Geology Laboratory	(1)
i) GEOLOGY 50 Physical Geology	(3)	GEOL	300	Physical Geology	(3)
GEOLOGY 50L Physical Geol Lab	(2)	GEOL	301	Physical Geology	(1)
	<i>.</i>			Laboratory	
GEOLOGY 60 Earth Materials:Intro	(4)	NO CC	)MPARAB	LE COURSE	
MATH 16A Short Calculus	(3)	MATH	400	Calculus I	(5)
MATH 16B Short Calculus	(3)	MATH	401	Calculus II	(5)
OR	<i>.</i>			OR	<i>.</i> – .
MATH 21A Calculus MATH 21B Calculus	· · /	MATH   MATH		Calculus I Calculus II	(5) (5)
MATH ZIB CAICUIUS	(4)	MATH 	401 	Calculus II	(5)
CHEM 2A Genl Chemistry	(5)	CHEM	400	General Chemistry	(5)
CHEM 2B Genl Chemistry	(5)			General Chemistry	(5)
		CHEM	401	General Chemistry	(5)
PHYSICS 7A General Physics	(4)	   phys	350 <b>&amp;</b>	General Physics	(4)
	( )	PHYS		General Physics	(4)
PHYSICS 7B General Physics	(4)	PHYS	350 <b>&amp;</b>	General Physics	(4)
		1	360	General Physics	(4)
It is highly recommended that students					
their community college that is equiva					
series before transferring. Students					re
series may be required to take addition Davis, and will need to meet with a U					
physics.	C Da	VIS au	IVISOI .	before continuing with	
STATIST 13 Elementary Statistics	(4)	STAT	300	Introduction to	(4)
Same as: STATIST 13Y				Probability and	
				Statistics	
			-		(2)
		PSYC	330	Introductory Statistics for the	(3)
				Behavioral Sciences	
OR				OR	
	(4)	NO CC	OURSE A	RTICULATED: College has	not
4	. ,			ourse(s) for articulation	

END OF MAJOR

i) If a student takes GEOL 300 at Folsom Lake College, credit will be given

for UC Davis's GEOLOGY 1 or 50, not both.

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

## Special Advising Note:

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

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

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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:

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GEOLOGY 3 History of Life	(3)   GEOL 310 Historical Geology (	3)
GEOLOGY 3L History of Life Lab	51	1)
	Laboratory	
i) GEOLOGY 50 Physical Geology	(3)   GEOL 300 Physical Geology (	3)
GEOLOGY 50L Physical Geol Lab	(2)   GEOL 301 Physical Geology (	1)
	Laboratory	
GEOLOGY 60 Earth Materials:Intro	(4) NO COMPARABLE COURSE	
GEOLOGY 62 Optical Mineralogy	(2) NO COURSE ARTICULATED: College has n	not
	submitted course(s) for articulation	ı
MATH 21A Calculus		5)
MATH 21A Calculus MATH 21B Calculus		5) 5)
	(4) MATH 401 Calculus II (	- /
MATH 21B Calculus	(4)   MATH 401 Calculus II (	5)
MATH 21B Calculus	(4)  MATH 401 Calculus II ( (4)  MATH 402 Calculus III (	5)

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### SELECT ONE OF THE FOLLOWING THREE OPTIONS:

### GENERAL GEOLOGY OPTION:

CHEM 2C Genl Chemistry	(5)	) CHEM 401 General Chemistry (5	5)
STATIST 32 Gateway to Data Science	(4)	NO COURSE ARTICULATED: College has no	νt
		submitted course(s) for articulation	
PHYSICS 7A General Physics	(4)	) PHYS 350 & General Physics (4	ł)
		PHYS 360 General Physics (4	Ł)
PHYSICS 7B General Physics	(4)	) PHYS 350 & General Physics (4	ł)
		PHYS 360 General Physics (4	Ł)
PHYSICS 7C General Physics	(4)	) PHYS 350 & General Physics (4	ł)
		PHYS 360 General Physics (4	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 9A	Classical Physics	(5)	PHYS 411 	Mechanics of Solids (4) and Fluids
PHYSICS 9B	Classical Physics	(5)	PHYS 431 	Heat, Waves, Light and (4) Modern Physics
PHYSICS 9C	Classical Physics	(5)	PHYS 421 	Electricity and (4) Magnetism

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

### GEOCHEMISTRY/PETROLOGY OPTION:

CHEM 2C Ge	enl Chemistry	(5)	CHEM	401	General Chemistry	(5)
STATIST 32 C	Bateway to Data Science	(4)	NO CO	OURSE	ARTICULATED: College has	not
			subm	itted	course(s) for articulati	on
MATH 21D V	<i>V</i> ector Analysis	(4)	MATH	402	Calculus III	(5)
PHYSICS 9A	Classical Physics	(5)	PHYS	411		(4)
					and Fluids	
PHYSICS 9B	Classical Physics	(5)	PHYS	431	Heat, Waves, Light and	(4)
					Modern Physics	

### QUANTITATIVE/GEOPHYSICS OPTION:

MATH 21D	Vector Analysis	(4)   MATH 402	Calculus III (5)	
MATH 22A	Linear Algebra	(3) MATH 410	Introduction to Linear (3)	
			Algebra	
PHYSICS 9A	Classical Physics	(5) PHYS 411	Mechanics of Solids (4)	
			and Fluids	
PHYSICS 9B	Classical Physics	(5) PHYS 431	Heat, Waves, Light and (4)	
			Modern Physics	
PHYSICS 9C	Classical Physics	(5) PHYS 421	Electricity and (4)	
			Magnetism	
END OF MAJO	R			

i) If a student takes GEOL 300 at Folsom Lake College, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.

#### Special Advising Note:

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

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

### Transfer Admission Guarantee (TAG) Note:

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

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

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

# College Foreign Language Requirement Note:

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

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

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

GERMAN 1Elementary German(5) NO COMPARABLE COURSEGERMAN 2Elementary German(5) NO COMPARABLE COURSEGERMAN 3Elementary German(5) NO COMPARABLE COURSEGERMAN 20Intermediate German(4) NO COMPARABLE COURSEGERMAN 21Intermediate German(4) NO COURSE ARTICULATED: College has not<br/>submitted course(s) for articulationGERMAN 22Intermediate German(4) NO COURSE ARTICULATED: College has not<br/>submitted course(s) for articulation

END OF MAJOR

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

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

# Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer

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

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

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

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

GDISBIO 90	Intro Global Disease Bio	(1)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
SCI&SOC 13	Disease and Society	(3)	NO COURSE ARTICULATED:College has not submitted course(s)for articulation
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 400 Principles of Biology (5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 410 <u>&amp;</u> Principles of Botany (5) BIOL 420 Principles of Zoology (5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 410 & Principles of Zoology (5) BIOL 420 Principles of Botany (5) BIOL 420 Principles of Zoology (5)
	Genl Chemistry Genl Chemistry		CHEM 400General Chemistry(5)CHEM 400&General Chemistry(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 401General Chemistry(5)CHEM 401General Chemistry(5)
	Drganic Chem-Brief Drganic Chem-Brief OR		NO COMPARABLE COURSE NO COMPARABLE COURSE OR
CHEM 118A CHEM 118B	Org Chem, Hlth & Sci Org Chem, Hlth & Sci		CHEM 420Organic Chemistry(5)CHEM 420& Organic Chemistry(5)CHEM 421Organic Chemistry(5)
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PHYSICS 7A	General Physics	(4)	PHYS 350 & General Physics(4)PHYS 360General Physics(4)
PHYSICS 7B	General Physics	(4)	PHIS 300General Physics $(4)$ PHYS 350 $\underline{\&}$ General Physics $(4)$ PHYS 360General Physics $(4)$
their commun series befor series may b	nity college that is equivate re transferring. Students to be required to take addition	alen who onal	mplete an entire physics series at t to the entire UC Davis Physics 7A/B/C transfer without completing an entire physics courses upon arrival at UC vis advisor before continuing with

physics.

#### PREPARATION FOR GRADUATION:

STATIST 13 Same as:	Elementary STATIST 13Y	Statistics	(4)    	STAT	300	Introduction to Probability and Statistics	(4)
			Í	OR			
			   	PSYC	330	Introductory Statistics for the Behavioral Sciences	(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 <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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# Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

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

# College Foreign Language Requirement Note:

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

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

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Five lower-division courses from the following seven concentrations, including

at least one course in three different concentrations. Additional units to reach 20.

# A.AFRICA

		(4) NO COURSE ARTICULATED (4) NO COURSE ARTICULATED
	B. 2	ASIA
HISTORY 8 HISTORY 9A HISTORY 9B	East Asian Civ East Asian Civ	(4) NO COMPARABLE COURSE (4) NO COMPARABLE COURSE (4) NO COMPARABLE COURSE
HISTORY 4A	Western Civ	(4) NO COMPARABLE COURSE
HISTORY 4B	Western Civ	(4) NO COURSE ARTICULATED: College has no submitted course(s) for articulation
HISTORY 4C	Western Civ	(4) NO COURSE ARTICULATED: College has no submitted course(s) for articulation
	D. LATI	N AMERICA
HISTORY 7A	Latin America to 1700	(4) NO COURSE ARTICULATED: College has no submitted course(s) for articulation
HISTORY 7B	Latin America 1700-1900	<pre>(4)  NO COURSE ARTICULATED: College has no</pre>
HISTORY 7C	Latin America 1900-Present	<pre>(4)  NO COURSE ARTICULATED: College has no</pre>
	E. MIDDI	
HISTORY 6	Intro to Middle East	(4) NO COURSE ARTICULATED: College has no submitted course(s) for articulation
	F. UNI	TED STATES
HISTORY 17A	U.S. History	(4)  HIST 310 History of the United (3 States
		<u>OR</u>  HIST 312 History of the United (3   States (to 1865)
HISTORY 17B	U.S. History	(4) HIST 311 History of the United (3 States
		<u>OR</u>  HIST 313 <u>&amp;</u> History of the United (3
		States (1865-1945)  HIST 314 Recent United States (3
		(4) NO COURSE ARTICULATED
HISTORY 72A HISTORY 72B	Am Women & Gender Am Women & Gender	(4) NO COMPARABLE COURSE (4) HIST 331 Women in American (3
HISTORY 80	US in the Middle East	(2) NO COURSE ARTICULATED: College has no
HISTORY 85	Nat,Man&Mach/Amer	submitted course(s)for articulation (4) NO COMPARABLE COURSE
	G.	WORLD
HISTORY 1	Introduction to History	(2) NO COURSE ARTICULATED: College has no submitted course(s) for articulation
HISTORY 2 I HISTORY 3	ntro History of Science Cities: Survey of World	(4) NO COURSE ARTICULATED

	Cultures		
HISTORY 10A	World History to 1350	(4)	HIST 307 History of World (3)
			Civilizations to 1500
HISTORY 10B	World History	(4)	HIST 308 History of World (3)
	1350-1850		Civilizations, 1500 to
			Present
HISTORY 10C	World History III	(4)	HIST 308 History of World (3)
			Civilizations, 1500 to
			Present
HISTORY 11	Hist Jewish People	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s)for articulation
HISTORY 12	Food and History	(4)	NO COURSE ARTICULATED: College has not
			submited course(s)for articulation
HISTORY 13	Global Sexualities	(4)	NO COURSE ARTICULATED
HISTORY 14	Hist Global Capitalism	(4)	NO COURSE ARTICULATED
HISTORY 20	The Vietnam War	(4)	NO COURSE ARTICULATED
HISTORY 90	Research in History	(4)	NO COURSE ARTICULATED

END OF MAJOR

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

## Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for 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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# College of Agricultural and Environmental Sciences (A&ES) General Education (GE) English Composition Requirement for the Bachelor's Degree:

The College of A&ES English Composition requirement for the Bachelor's degree is an element of the UC Davis General Education (GE) pattern. This GE requirement

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

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

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

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

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

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

### Select two of the following courses:

ANTHRO 1 ANTHRO 2 ANTHRO 15	Human Evol Biol Cultural Anthropology Human Life Cycle	(5)	ANTH 300 ANTH 310 PSYC 370	Physical Anthropology Cultural Anthropology Human Development: A Life Span	. ,
	Select on	e co	urse from:		
BIOLSCI 2A	Intro Biology:Life on Earth <b>OR</b>	(5)	BIOL 400 	Principles of Biology <b>OR</b>	(5)
BIOLSCI 10	Everyday Biology	(4)	BIOL 300	•	(3)
			BIOL 307	Biology of Organisms	(4)
	OR		BIOL 310	General Biology <b>OR</b>	(4)
MIC BIO 10	Natural History of Infectious Diseases	(3)		ARTICULATED: College has course(s) for articulati	
NE PH B 12	<b>OR</b> Human Brain and Disease	(3)	PSYC 312	<b>OR</b> Biological Psychology	(4)

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

# Select one course from:

HISTORY 17A	U.S. History	(4)	HIST 310	History of the United States	(3)
	OR		<u>OR</u>  HIST 312 	History of the United States (to 1865) OR	(3)
HISTORY 17B	U.S. History	(4)	HIST 311	History of the United States	(3)
			<u>OR</u>  HIST 313 <u>&amp;</u> 	History of the United States (1865-1945)	(3)
			HIST 314 	Recent United States History	(3)
	OR			OR	
HISTORY 72A	Am Women & Gender	(4)	NO COMPARAE	BLE COURSE	
	OR			OR	
HISTORY 72B	Am Women & Gender	(4)	HIST 331 	Women in American History	(3)
	OR			OR	(
POL SCI 1	Amer Natl Govt	(4)	POLS 301	Introduction to Government: United	(3)
			 	States 	

# Select two of the following courses:

d) PHILOS 5	Critical Reasoning	(4)	PHIL 320 Logic and Critical (3) Reasoning
PHILOS 15	Intro to Bioethics	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PHILOS 30	Intro Philos of Sci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PHILOS 31 PHILOS 32 PHILOS 38	Scientific Change	(4)	NO COMPARABLE COURSE NO COMPARABLE COURSE NO COURSE ARTICULATED: College has not submitted course(s) for articulation
NE PH B 10	Elem Human Physio	(3)	BIOL 430 & Anatomy and Physiology (5) BIOL 431 Anatomy and Physiology (5)
PSYCH 1 G	General Psychology	(4)	PSYC 300 General Principles (3)
	Select one of the	foll	
PSYCH 41	Select one of the Research Methods		
	Research Methods OR	(4)	owing options:  PSYC 335 Research Methods in (3)   Psychology   OR
PSYCH 41 SOCIOL 46A	Research Methods OR	(4)	owing options:  PSYC 335 Research Methods in (3)   Psychology   OR
	Research Methods OR Intro Social Rsch AND	(4)	owing options:  PSYC 335 Research Methods in (3)   Psychology   OR NO COMPARABLE COURSE   AND
SOCIOL 46A	Research Methods OR Intro Social Rsch AND Intro Social Rsch OR Statist Thinking	(4) (4) (5)	owing options: PSYC 335 Research Methods in (3) Psychology OR NO COMPARABLE COURSE AND NO COMPARABLE COURSE OR NO COURSE ARTICULATED: College has not submitted course(s) for articulation
SOCIOL 46A SOCIOL 46B STATIST 10 STATIST 13	Research Methods OR Intro Social Rsch AND Intro Social Rsch OR Statist Thinking OR	(4) (4) (5) (4)	owing options: PSYC 335 Research Methods in (3) Psychology OR NO COMPARABLE COURSE AND NO COMPARABLE COURSE OR NO COURSE ARTICULATED: College has not

Statistics for the Behavioral Sciences

d) Students who complete PHIL 320 at Folsom Lake College will receive credit at UC Davis for PHIL 5 or PHIL 12, not both

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

### Special Advising Note:

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BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL	400	Principles of Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology	(5)	BIOL	410 <b>&amp;</b>	Principles of Botany	(5)
2101201 12	& Evolution	(0)		420	Principles of Zoology	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM	400	General Chemistry	(5)
CHEM 2B	Genl Chemistry	( - )	-	400 <b>&amp;</b>	General Chemistry	(5)
	-	. ,		401 -	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM	401	General Chemistry	(5)
PHYSICS 9A	Classical Physics	(5)	PHYS	411	Mechanics of Solids	(4)
	-		İ		and Fluids	
PHYSICS 9B	Classical Physics	(5)	PHYS	431	Heat, Waves, Light and	(4)
			İ		Modern Physics	
PHYSICS 9C	Classical Physics	(5)	PHYS	421	Electricity and	(4)
			İ		Magnetism	
MATH 21A	Calculus	(4)	MATH	400	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH	401	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH	402	Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH	402	Calculus III	(5)
MATH 22A	Linear Algebra	(3)	MATH	410	Introduction to Linear	(3)
					Algebra	
MATH 22B	Differntl Equations	(3)	MATH	420	Differential Equations	(4)
i) GEOLOGY	50 Physical Geology	(3)	  GEOL	300	Physical Geology	(3)
GEOLOGY 501			GEOL		Physical Geology	(1)
SHOROOT JUL	i inystear ocor hab	(4)		501	Laboratory	( - /
-						

ENGIN 6 Engr Prob Solving (4) NO COMPARABLE COURSE

END OF MAJOR

i) If a student takes GEOL 300 at Folsom Lake College, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.

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

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

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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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	Intro Intl Ag Development	(4)	NO COMPARABLE COURSE
PL SCI 2	Bot Physio Cul Plt	(4)	NO COMPARABLE COURSE
		(3)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
ECON 1A	Princ of Microecon AND	(4)	ECON 304 Principles of (3) Microeconomics
ECON 1B		(4)	ECON 302 Principles of (3) Macroeconomics
	Elementary Statistics STATIST 13Y	(4)	
	OR		PSYC 330 Introductory (3) Statistics for the Behavioral Sciences OR
	Intro Social Rsch		
	Short Calculus		MATH 400 Calculus I (5)
CM&RGDE 1	The Community	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	SIX OUARTER	UNITS	FROM THE FOLLOWING:
AGRESEC 15	Pop,Envr,World Agri		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AN SCI 41	Domestic Ani Prod	(2)	NO COMPARABLE COURSE
AN SCI 41L	Domest An Prod Lab	(2)	NO COURSE ARTICULATED: College has not
			submitted course(s)for articulation
CM&RGDE 20	Food Systems	(4)	NO COURSE ARTICULATED: College has not
	Diggovering and Conserts	( ) \	submitted course(s)for articulation  NUTRI 300 Nutrition (3)
NUTR 10 PL SCI 1	Discoveries and Concepts Agr Nature & Society		NUTRI 300 Nutrition (3)
PL SCI I PL SCI 15	Intro Sustainable	• • •	NO COURSE ARTICULATED: College has not
FT PCT T2	Agriculture	(4)	submitted course(s) for articulation
PL SCI 49	Org Crop Prod Prac	(2)	NO COURSE ARTICULATED: College has not
11 001 19	ory crop frou frac	(3)	submitted course(s) for articulation

#### FOREIGN LANGUAGE REQUIREMENT:

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Students must complete 15-quarter-unit level in one language or pass the foreign language proficiency examination. See <a href="http://llc.ucdavis.edu/foreign-language-placement-exams">http://llc.ucdavis.edu/foreign-language-placement-exams</a> . A score of 5, 4, or 3 on a foreign language College Board Advanced Placement

Examination (except Latin) or a score of 550 on the College Board SAT II Subject Test will also satisfy this requirement

### AREAS OF SPECIALIZATION: AGRICULTURAL PRODUCTION OPTION:

BIOLSCI 2A Intro Biology:Life on	(5) BIOL 400	Principles of Biology	(5)
Earth			<i>.</i> – .
BIOLSCI 2B Intro Biology: Ecology	(5) BIOL 410 <u>&amp;</u>	Principles of Botany	(5)
& Evolution	BIOL 420	Principles of Zoology	(5)
CHEM 2A Genl Chemistry	(5) CHEM 400	General Chemistry	(5)
CHEM 2B Genl Chemistry	(5) CHEM 400 <u>&amp;</u>	General Chemistry	(5)
	CHEM 401	General Chemistry	(5)

# TRADE AND ECONOMIC DEVELOPMENT OPTION:

	IRADE AND ECONOM	TC D	EVELOPMEN I	OPIION:	
MATH 16B	Short Calculus	(3)	MATH 401	Calculus II	(5)
SOCIOL 1	Intro Sociology	(5)	SOC 300	Introductory Sociology	(3)
	OR			OR	
ANTHRO 2	Cultural Anthropology	(5)	ANTH 310	Cultural Anthropology	(3)
AGRESEC 15	Pop,Envr,World Agri	(4)	NO COURSE	ARTICULATED: College has	not
			submitted	course(s) for articulati	on
	ENVIRONMEN	TAL	ISSUES OPT	LON:	
BIOLSCI 2A	31	(5)	BIOL 400	Principles of Biology	(5)
	Earth				
BIOLSCI 2B	Intro Biology: Ecology	(5)	BIOL 410 8	Principles of Botany	(5)
	& Evolution		BIOL 420	Principles of Zoology	(5)
ENV S&P 1	Env Analysis	(4)	NO COMPARA	ABLE COURSE	
	RURAL COM	MUNI	TIES OPTION	1:	
SOCIOL 1	Intro Sociology	(5)	SOC 300	Introductory Sociology	(3)
ANTHRO 2	Cultural Anthropology	(5)	ANTH 310	Cultural Anthropology	(3)

END OF MAJOR

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

## Special Advising Note:

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

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

### Transfer Admission Guarantee (TAG) Note:

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

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

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

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## College Foreign Language Requirement Note:

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

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

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

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

ANTHRO 2 Cultural Anthropology <b>OR</b>	(5)	ANTH 310	Cultural Anthropology <b>OR</b>	(3)
ECON 1A Princ of Microecon	(4)	ECON 304		(3)
			Microeconomics	
ECON 1B Princ of Macroecon	(4)			(3)
		İ	Macroeconomics	
HISTORY 4C Western Civ	(4)		ARTICULATED: College has	not
		submitted	course(s) for articulatio	on
OR HISTORY 10C World History III	(4)	  HIST 308	OR History of World	(3)
	( )		Civilizations, 1500 to	( - )
			Present	
POL SCI 2 Intro Comp Politics	(4)	POLS 302	Introduction to	(3)
			Government: Foreign	
POL SCI 3 Internatl Relations	(4)			(3)
	. ,		International	. ,
			Relations	
POL SCI 12Y Data Visualization	(4)	NO COURSE	ARTICULATED: College has	not
Same as: COMUNCN 12Y, PSYCH 12Y su SOCIOL 12Y	bmit	ted course(	s)for articulation	
OR			OR	
STATIST 13 Elementary Statistics Same as: STATIST 13Y	(4)	STAT 300		(4)
Same as. STATIST 13Y		1	Probability and Statistics	
		OR	2040120102	
		PSYC 330	Introductory	(3)
			Statistics for the Behavioral Sciences	
OR			OR	
		-		

SOCIOL 46B	Intro Social Rsch	(5) NO COMPARABLE COURSE
POL SCI 51	Scientific Study of Politics	(4) NO COURSE ARTICULATED: College has not submitted 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 I	Elementary Arabic	(5)	submitted course(s) for articulation
ARABIC 2	Elem Arabic	(5)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
ARABIC 3	Elem Arabic	(5)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
ARABIC 21	Intermed Arabic	(4)	NO COURSE ARTICULATED: College has not
ADADTO 00		( 1 )	submitted course(s) for articulation
ARABIC 22	Intermed Arabic	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ARABIC 23	Intermed Arabic	(4)	NO COURSE ARTICULATED: College has not
Indibite 25		( 1)	submitted course(s) for articulation
	OR		OR
x) CHINESE	1 Elem Chinese	(5)	NO COMPARABLE COURSE
x) CHINESE	2 Elem Chinese	(5)	NO COMPARABLE COURSE
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	6 Inter Chinese	(5)	NO COMPARABLE COURSE
	OR		OR
x) CHINESE	1CN Mand/Cant Spkrs I	(5)	NO COMPARABLE COURSE
x) CHINESE			NO COMPARABLE COURSE
x) CHINESE	3CN Mand/Cant Spkrs III	(5)	NO COMPARABLE COURSE
	OR		OR
x) CHINESE	1BL Accl Wrtn Chinese I	(5)	NO COMPARABLE COURSE
,		( - )	
x) CHINESE			NO COMPARABLE COURSE
x) CHINESE	II	(5)	NO COMPARABLE COURSE
,	II 3BL Accl Wrtn Chinese	(5)	1
x) CHINESE	II	(5)	NO COMPARABLE COURSE
x) CHINESE	II 3BL Accl Wrtn Chinese III <b>OR</b>	(5)	NO COMPARABLE COURSE NO COMPARABLE COURSE OR
x) CHINESE	II 3BL Accl Wrtn Chinese III	(5) (5) (5)	NO COMPARABLE COURSE NO COMPARABLE COURSE OR
<ul><li>x) CHINESE</li><li>x) CHINESE</li><li>FRENCH 1</li></ul>	II 3BL Accl Wrtn Chinese III <b>OR</b> Elementary French	(5) (5) (5) (5)	NO COMPARABLE COURSE NO COMPARABLE COURSE OR FREN 401 Elementary French (4)
<ul><li>x) CHINESE</li><li>x) CHINESE</li><li>FRENCH 1</li><li>FRENCH 2</li></ul>	II 3BL Accl Wrtn Chinese III OR Elementary French Elementary French	(5) (5) (5) (5) (5)	NO COMPARABLE COURSE NO COMPARABLE COURSE <b>OR</b> FREN 401 Elementary French (4) FREN 402 Elementary French (4)
<ul> <li>x) CHINESE</li> <li>x) CHINESE</li> <li>FRENCH 1</li> <li>FRENCH 2</li> <li>FRENCH 3</li> </ul>	II 3BL Accl Wrtn Chinese III OR Elementary French Elementary French Elementary French	(5) (5) (5) (5) (5)	NO COMPARABLE COURSE NO COMPARABLE COURSE <b>OR</b> FREN 401 Elementary French (4) FREN 402 Elementary French (4) FREN 411 Intermediate French (4)
<ul> <li>x) CHINESE</li> <li>x) CHINESE</li> <li>FRENCH 1</li> <li>FRENCH 2</li> <li>FRENCH 3</li> <li>FRENCH 21</li> </ul>	II 3BL Accl Wrtn Chinese III OR Elementary French Elementary French Elementary French Intermed French	(5) (5) (5) (5) (5)	NO COMPARABLE COURSE NO COMPARABLE COURSE <b>OR</b> FREN 401 Elementary French (4) FREN 402 Elementary French (4) FREN 411 Intermediate French (4) FREN 412 Intermediate French (4)
<ul> <li>x) CHINESE</li> <li>x) CHINESE</li> <li>FRENCH 1</li> <li>FRENCH 2</li> <li>FRENCH 3</li> <li>FRENCH 21</li> </ul>	II 3BL Accl Wrtn Chinese III OR Elementary French Elementary French Elementary French Intermed French Intermed French	(5) (5) (5) (5) (5) (5) (5)	NO COMPARABLE COURSE NO COMPARABLE COURSE <b>OR</b> FREN 401 Elementary French (4) FREN 402 Elementary French (4) FREN 411 Intermediate French (4) FREN 412 Intermediate French (4) NO COMPARABLE COURSE
<ul> <li>x) CHINESE</li> <li>x) CHINESE</li> <li>FRENCH 1</li> <li>FRENCH 2</li> <li>FRENCH 3</li> <li>FRENCH 21</li> <li>FRENCH 22</li> </ul>	II 3BL Accl Wrtn Chinese III OR Elementary French Elementary French Elementary French Intermed French Intermed French OR	<ul> <li>(5)</li> <li>(5)</li> <li>(5)</li> <li>(5)</li> <li>(5)</li> <li>(5)</li> <li>(5)</li> <li>(5)</li> <li>(5)</li> </ul>	NO COMPARABLE COURSE NO COMPARABLE COURSE <b>OR</b> FREN 401 Elementary French (4) FREN 402 Elementary French (4) FREN 411 Intermediate French (4) FREN 412 Intermediate French (4) NO COMPARABLE COURSE <b>OR</b>
<ul> <li>x) CHINESE</li> <li>x) CHINESE</li> <li>FRENCH 1</li> <li>FRENCH 2</li> <li>FRENCH 3</li> <li>FRENCH 21</li> <li>FRENCH 22</li> <li>GERMAN 1</li> </ul>	II 3BL Accl Wrtn Chinese III OR Elementary French Elementary French Elementary French Intermed French Intermed French CR Elementary German	<ul> <li>(5)</li> <li>(5)</li> <li>(5)</li> <li>(5)</li> <li>(5)</li> <li>(5)</li> <li>(5)</li> <li>(5)</li> <li>(5)</li> <li>(5)</li> </ul>	NO COMPARABLE COURSE NO COMPARABLE COURSE <b>OR</b> FREN 401 Elementary French (4) FREN 402 Elementary French (4) FREN 411 Intermediate French (4) FREN 412 Intermediate French (4) NO COMPARABLE COURSE <b>OR</b> NO COMPARABLE COURSE
<ul> <li>x) CHINESE</li> <li>x) CHINESE</li> <li>FRENCH 1</li> <li>FRENCH 2</li> <li>FRENCH 3</li> <li>FRENCH 21</li> <li>FRENCH 22</li> <li>GERMAN 1</li> <li>GERMAN 2</li> </ul>	II 3BL Accl Wrtn Chinese III OR Elementary French Elementary French Elementary French Intermed French Intermed French CR Elementary German Elementary German	<ul> <li>(5)</li> <li>(5)</li> <li>(5)</li> <li>(5)</li> <li>(5)</li> <li>(5)</li> <li>(5)</li> <li>(5)</li> <li>(5)</li> <li>(4)</li> </ul>	NO COMPARABLE COURSE NO COMPARABLE COURSE <b>OR</b> FREN 401 Elementary French (4) FREN 402 Elementary French (4) FREN 411 Intermediate French (4) FREN 412 Intermediate French (4) NO COMPARABLE COURSE <b>OR</b> NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE
<ul> <li>x) CHINESE</li> <li>x) CHINESE</li> <li>FRENCH 1</li> <li>FRENCH 2</li> <li>FRENCH 3</li> <li>FRENCH 21</li> <li>FRENCH 21</li> <li>FRENCH 22</li> <li>GERMAN 1</li> <li>GERMAN 2</li> <li>GERMAN 3</li> </ul>	II 3BL Accl Wrtn Chinese III OR Elementary French Elementary French Intermed French Intermed French Intermed French Elementary German Elementary German Elementary German	<ul> <li>(5)</li> <li>(5)</li> <li>(5)</li> <li>(5)</li> <li>(5)</li> <li>(5)</li> <li>(5)</li> <li>(5)</li> <li>(5)</li> <li>(4)</li> </ul>	NO COMPARABLE COURSE NO COMPARABLE COURSE <b>OR</b> FREN 401 Elementary French (4) FREN 402 Elementary French (4) FREN 411 Intermediate French (4) FREN 412 Intermediate French (4) NO COMPARABLE COURSE <b>OR</b> NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE
<ul> <li>x) CHINESE</li> <li>x) CHINESE</li> <li>FRENCH 1</li> <li>FRENCH 2</li> <li>FRENCH 3</li> <li>FRENCH 21</li> <li>FRENCH 22</li> <li>GERMAN 1</li> <li>GERMAN 1</li> <li>GERMAN 3</li> <li>GERMAN 20</li> </ul>	II 3BL Accl Wrtn Chinese III OR Elementary French Elementary French Intermed French Intermed French DR Elementary German Elementary German Intermediate German Intermediate German	<ul> <li>(5)</li> <li>(5)</li> <li>(5)</li> <li>(5)</li> <li>(5)</li> <li>(5)</li> <li>(5)</li> <li>(5)</li> <li>(5)</li> <li>(4)</li> </ul>	NO COMPARABLE COURSE NO COMPARABLE COURSE <b>OR</b> FREN 401 Elementary French (4) FREN 402 Elementary French (4) FREN 411 Intermediate French (4) FREN 412 Intermediate French (4) NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COURSE ARTICULATED: College has not submitted course(s) for articulation
<ul> <li>x) CHINESE</li> <li>x) CHINESE</li> <li>FRENCH 1</li> <li>FRENCH 2</li> <li>FRENCH 21</li> <li>FRENCH 22</li> <li>GERMAN 1</li> <li>GERMAN 1</li> <li>GERMAN 3</li> <li>GERMAN 20</li> <li>GERMAN 21</li> </ul>	II 3BL Accl Wrtn Chinese III OR Elementary French Elementary French Intermed French Intermed French DR Elementary German Elementary German Intermediate German Intermediate German	<ul> <li>(5)</li> <li>(5)</li> <li>(5)</li> <li>(5)</li> <li>(5)</li> <li>(5)</li> <li>(5)</li> <li>(4)</li> <li>(4)</li> </ul>	NO COMPARABLE COURSE NO COMPARABLE COURSE FREN 401 Elementary French (4) FREN 402 Elementary French (4) FREN 411 Intermediate French (4) FREN 412 Intermediate French (4) NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COURSE ARTICULATED: College has not submitted course(s) for articulation <b>OR</b>
<ul> <li>x) CHINESE</li> <li>x) CHINESE</li> <li>FRENCH 1</li> <li>FRENCH 2</li> <li>FRENCH 3</li> <li>FRENCH 21</li> <li>FRENCH 22</li> <li>GERMAN 1</li> <li>GERMAN 1</li> <li>GERMAN 20</li> <li>GERMAN 21</li> <li>HEBREW 1</li> </ul>	II 3BL Accl Wrtn Chinese III OR Elementary French Elementary French Intermed French Intermed French Intermed French DR Elementary German Elementary German Intermediate German Intermediate German Intermediate German	<ul> <li>(5)</li> <li>(5)</li> <li>(5)</li> <li>(5)</li> <li>(5)</li> <li>(5)</li> <li>(5)</li> <li>(4)</li> <li>(5)</li> <li>(5)</li> </ul>	NO COMPARABLE COURSE NO COMPARABLE COURSE FREN 401 Elementary French (4) FREN 402 Elementary French (4) FREN 411 Intermediate French (4) FREN 412 Intermediate French (4) NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE
<ul> <li>x) CHINESE</li> <li>x) CHINESE</li> <li>FRENCH 1</li> <li>FRENCH 2</li> <li>FRENCH 3</li> <li>FRENCH 21</li> <li>FRENCH 22</li> <li>GERMAN 1</li> <li>GERMAN 1</li> <li>GERMAN 20</li> <li>GERMAN 21</li> <li>HEBREW 1</li> <li>HEBREW 1</li> <li>HEBREW 2</li> </ul>	II 3BL Accl Wrtn Chinese III OR Elementary French Elementary French Intermed French Intermed French Intermed French DR Elementary German Elementary German Intermediate German Intermediate German Intermediate German	<ul> <li>(5)</li> <li>(5)</li> <li>(5)</li> <li>(5)</li> <li>(5)</li> <li>(5)</li> <li>(5)</li> <li>(4)</li> <li>(5)</li> <li>(5)</li> <li>(5)</li> <li>(5)</li> <li>(5)</li> <li>(5)</li> </ul>	NO COMPARABLE COURSE NO COMPARABLE COURSE <b>OR</b> FREN 401 Elementary French (4) FREN 402 Elementary French (4) FREN 411 Intermediate French (4) FREN 412 Intermediate French (4) NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COURSE ARTICULATED: College has not submitted course(s) for articulation <b>OR</b> NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE
<ul> <li>x) CHINESE</li> <li>x) CHINESE</li> <li>FRENCH 1</li> <li>FRENCH 2</li> <li>FRENCH 3</li> <li>FRENCH 21</li> <li>FRENCH 22</li> <li>GERMAN 1</li> <li>GERMAN 1</li> <li>GERMAN 20</li> <li>GERMAN 21</li> <li>HEBREW 1</li> <li>HEBREW 1</li> <li>HEBREW 2</li> <li>HEBREW 3</li> </ul>	II 3BL Accl Wrtn Chinese III OR Elementary French Elementary French Intermed French Intermed French Intermed French Elementary German Elementary German Intermediate German Intermediate German Intermediate German Intermediate German Intermediate German	<ul> <li>(5)</li> <li>(5)</li> <li>(5)</li> <li>(5)</li> <li>(5)</li> <li>(5)</li> <li>(5)</li> <li>(4)</li> <li>(5)</li> <li>(5)</li> <li>(5)</li> <li>(5)</li> <li>(5)</li> <li>(5)</li> <li>(5)</li> <li>(5)</li> <li>(5)</li> <li>(5)</li> <li>(5)</li> </ul>	NO COMPARABLE COURSE NO COMPARABLE COURSE
<ul> <li>x) CHINESE</li> <li>x) CHINESE</li> <li>FRENCH 1</li> <li>FRENCH 2</li> <li>FRENCH 3</li> <li>FRENCH 21</li> <li>FRENCH 22</li> <li>GERMAN 1</li> <li>GERMAN 1</li> <li>GERMAN 20</li> <li>GERMAN 21</li> <li>HEBREW 1</li> <li>HEBREW 1</li> <li>HEBREW 2</li> </ul>	II 3BL Accl Wrtn Chinese III OR Elementary French Elementary French Intermed French Intermed French Intermed French DR Elementary German Elementary German Intermediate German Intermediate German Intermediate German	<ul> <li>(5)</li> <li>(5)</li> <li>(5)</li> <li>(5)</li> <li>(5)</li> <li>(5)</li> <li>(5)</li> <li>(4)</li> <li>(5)</li> <li>(5)</li> <li>(5)</li> <li>(5)</li> <li>(5)</li> <li>(5)</li> <li>(5)</li> <li>(5)</li> <li>(5)</li> <li>(5)</li> <li>(5)</li> </ul>	NO COMPARABLE COURSE NO COMPARABLE COURSE <b>OR</b> FREN 401 Elementary French (4) FREN 402 Elementary French (4) FREN 411 Intermediate French (4) FREN 412 Intermediate French (4) NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE
<ul> <li>x) CHINESE</li> <li>x) CHINESE</li> <li>FRENCH 1</li> <li>FRENCH 2</li> <li>FRENCH 3</li> <li>FRENCH 21</li> <li>FRENCH 22</li> <li>GERMAN 1</li> <li>GERMAN 1</li> <li>GERMAN 20</li> <li>GERMAN 21</li> <li>HEBREW 1</li> <li>HEBREW 1</li> <li>HEBREW 2</li> <li>HEBREW 3</li> </ul>	II 3BL Accl Wrtn Chinese III OR Elementary French Elementary French Intermed French Intermed French Intermed French Elementary German Elementary German Intermediate German Intermediate German Intermediate German Intermediate German Intermediate German	<ul> <li>(5)</li> <li>(5)</li> <li>(5)</li> <li>(5)</li> <li>(5)</li> <li>(5)</li> <li>(5)</li> <li>(4)</li> <li>(5)</li> <li>(5)</li> <li>(5)</li> <li>(5)</li> <li>(5)</li> <li>(5)</li> <li>(4)</li> <li>(5)</li> <li>(5)</li> <li>(4)</li> </ul>	NO COMPARABLE COURSE NO COMPARABLE COURSE

			submitted course(s) for articulation
HEBREW 23	Intermed Modern Hebrew III	(4)	
	OR		OR
HIN-URD 1	Elem Hindi/Urdu I	(5)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
HIN-URD 2	Elem Hindi/Urdu II	(5)	NO COURSE ARTICULATED: College has not
		( = )	submitted course(s) for articulation
HIN-URD 3	Elem Hindi/Urdu III	(5)	NO COURSE ARTICULATED: College has not
HIN-URD 21	Intermed Hindi/Urdu I	(1)	<pre>submitted course(s) for articulation NO COURSE ARTICULATED: College has not</pre>
HIN-URD ZI	incermed Hindi/ordu i	(4)	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		NO COMPARABLE COURSE
ITALIAN 2	Elementary Italian		NO COMPARABLE COURSE
ITALIAN 3	Elementary Italian		NO COMPARABLE COURSE
ITALIAN 4	Interm Italian	• •	NO COMPARABLE COURSE
ITALIAN 5	Interm Italian	(4)	NO COMPARABLE COURSE
דיד א ד ד א דיד 1	<b>OR</b> Elementary Italian	(5)	OR NO COMPARABLE COURSE
ITALIAN 1 ITALIAN 2	Elementary Italian		NO COMPARABLE COURSE
ITALIAN 3	Elementary Italian		NO COMPARABLE COURSE
ITALIAN 8A	Italian Convers	( - )	NO COMPARABLE COURSE
ITALIAN 8B	Italian Convers		NO COMPARABLE COURSE
	OR	(-)	OR
y) JPNESE 1	Elem Japanese	(5)	NO COMPARABLE COURSE
y) JPNESE 2		(5)	NO COMPARABLE COURSE
y) JPNESE 3	8 Elem Japanese	(5)	NO COMPARABLE COURSE
y) JPNESE 4	l Inter Japanese	(5)	NO COMPARABLE COURSE
y) JPNESE 5	—	(5)	NO COMPARABLE COURSE
y) JPNESE 6	_	(5)	NO COMPARABLE COURSE
	OR	<i>.</i> – .	OR
PORTUG 1	Elementary Portuguese	(5)	NO COURSE ARTICULATED: College has not
	Elementerry Dertuguego	( E )	<pre>submitted course(s) for articulation NO COURSE ARTICULATED: College has not</pre>
PORTUG 2	Elementary Portuguese	(5)	submitted course(s) for articulation
PORTUG 3	Elementary Portuguese	(5)	NO COURSE ARTICULATED: College has not
1011100 5	filementar, foreagaebe	(9)	submitted course(s) for articulation
PORTUG 21	Intermediate Portuguese	(5)	NO COURSE ARTICULATED: College has not
	_		submitted course(s) for articulation
PORTUG 22	Intermediate Portuguese	(5)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
	OR		OR
RUSSIAN 1	Elementary Russian		NO COMPARABLE COURSE
RUSSIAN 2	Elementary Russian		NO COMPARABLE COURSE
RUSSIAN 3	Elementary Russian		NO COMPARABLE COURSE
RUSSIAN 4	Intermed Russian		NO COMPARABLE COURSE
RUSSIAN 5	Intermed Russian	(4)	NO COMPARABLE COURSE

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

	OR				OR	
SPANISH 1	Elementary Spanish	(5)	SPAN	401	Elementary Spanish	(4)
SPANISH 2	Elementary Spanish	(5)	SPAN	401	& Elementary Spanish	(4)
			SPAN	402	Elementary Spanish	(4)
SPANISH 3	Elementary Spanish	(5)	SPAN	402	Elementary Spanish	(4)
SPANISH 21	Intm Spanish	(5)	SPAN	411	Intermediate Spanish	(4)
SPANISH 22	Intm Spanish	(5)	SPAN	412	Intermediate Spanish	(4)

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

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

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#### END OF MAJOR

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

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

### Special Advising Note:

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

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

### Transfer Admission Guarantee (TAG) Note:

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

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

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

### College Foreign Language Requirement Note:

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

information.

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

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

ITALIAN	1	Elementary Italian	(5)   NO	COMPARABLE	COURSE
ITALIAN	2	Elementary Italian	(5) NO	COMPARABLE	COURSE
ITALIAN	3	Elementary Italian	(5) NO	COMPARABLE	COURSE
ITALIAN	4	Interm Italian	(4) NO	COMPARABLE	COURSE
ITALIAN	5	Interm Italian	(4) NO	COMPARABLE	COURSE
ITALIAN	9	Reading Italian	(4) NO	COMPARABLE	COURSE

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

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END OF MAJOR

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

### Special Advising Note:

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

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

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### Japanese Placement Examination Note:

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

### Transfer Admission Guarantee (TAG) Note:

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

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

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

y)	JPNESE 1	Elem Japanese	(5)	NO	COMPARABLE	COURSE
y)	JPNESE 2	Elem Japanese	(5)	NO	COMPARABLE	COURSE
y)	JPNESE 3	Elem Japanese	(5)	NO	COMPARABLE	COURSE
y)	JPNESE 4	Inter Japanese	(5)	NO	COMPARABLE	COURSE
y)	JPNESE 5	Inter Japanese	(5)	NO	COMPARABLE	COURSE
y)	JPNESE 6	Inter Japanese	(5)	NO	COMPARABLE	COURSE

#### RECOMMENDED COURSES FOR THIS MAJOR:

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

END OF MAJOR

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

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

# Special Advising Note:

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

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

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

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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.

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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:

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 General Catalog . Quick reference charts for AP and IB are also available from our TAG website. _____ COMUNCN 1 Intro Public Spkg (4) COMM 301 Introduction to Public (3) Speaking _____ (4) ENGWR 301 College Composition (3) ENGLISH 3 Intro to Lit and Literature OR OR UWRITING 1 Expository Writing (4) | ENGWR 300 College Composition (3) OR OR UWRITING 48 Style in the Essay (4) | ENGWR 302 Advanced Composition (3) and Critical Thinking **OR** Formerly UWRITING 18 OR UWRITING 49 Writing Research Papers (4) NO COMPARABLE COURSE Formerly UWRITING 19 _____ BIOLSCI 2B Intro Biology: Ecology (5) BIOL 410 & Principles of Botany (5) & Evolution | BIOL 420 Principles of Zoology (5) _____ ENVHORT 6 Intro Environ Plants (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation _____ ONE COURSE FROM THE FOLLOWING: MATH 16AShort Calculus(3) | MATH 400Calculus ISTATIST 13Elementary Statistics(4) | STAT 300Introduction toSame as:STATIST 13YProbability and<br/>StatisticsStatistics (5) (4) OR PSYC 330 Introductory (3) Statistics for the Behavioral Sciences CISP 370 Beginning Visual BASIC (4) ENG CS 32A Intro to Programming(4) Formerly ENG CS 10

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## ONE COURSE FROM THE FOLLOWING:

CHEM 2AGenl Chemistry(5) | CHEM 400General Chemistry(5)CHEM 10Concept of Chem(4) | NO COMPARABLE COURSE(5)PHYSICS 1APrinciples Physics(3) | PHYS 350General Physics(4)PHYSICS 10Topics, Nonscientists(4) | PHYS 310Conceptual Physics(3)

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i) GEOLOGY 1 The Earth
SOILSCI 10 Soils in Our
                                      (4) GEOL 300
                                                      Physical Geology
                                      (3) NO COURSE ARTICULATED: College has not
            Environment
                                      submitted course(s)for articulation
_____
LND ARC 1 Intro Environ Design (4) NO COURSE ARTICULATED: College has not
                                         submitted course(s) for articulation
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 21Landscape Rep I(4) |NO COURSE ARTICULATED: College has not<br/>submitted course(s) for articulationLND ARC 23Landscape Rep II(3) |NO COURSE ARTICULATED
LND ARC 30 History Environ Design (4) NO COMPARABLE COURSE
LND ARC 50 Site Ecology (4) NO COMPARABLE COURSE
LND ARC 60 Landform Grading Studio (6) NO COMPARABLE COURSE
LND ARC 70 Intro to Spacemaking (4) NO COMPARABLE COURSE
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Two courses in Arts and Humanities selected from the UC Davis GE/Breadth
Articulation Agreement TB: Arts and Humanities (www.ASSIST.org 16-17
agreement)
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Two courses in Social Sciences selected from the UC Davis GE/Breadth Articulation Agreement TB: Social Sciences.

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END OF MAJOR

i) If a student takes GEOL 300 at Folsom Lake College, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.

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

### Special Advising Note:

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

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

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

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

 General Catalog
 Quick reference charts for AP and IB are also

 available from our TAG website.

 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.====

### Special Advising Note:

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

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

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## Special Advising Note for Future Applicants*

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

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

Strive to achieve your highest possible GPA in order to be most competitive. Transfer students must complete courses comparable to the following UC Davis courses with a GPA of at least 2.50 for the course groups. Additionally, transfer applicants must have already achieved the required GPA in any of these courses that have been completed at the time the transfer academic update is submitted. Courses must be taken for a letter grade, with no grade less than C. ( Advanced Placement(AP) or International Baccalaureate (IB) Higher Level examinations may satsify UC Davis course equivalents). -Mathematics 16A/B or Mathematics 17A/B or Mathematics 21A/B -Economics 1A/B -Statistics 13 *Information for future applicants is subject to change.

## Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement. Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

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

COMUNCN 1 Intro Public Spkg	(4) COMM 301 Introduction to Public (3) Speaking OR
COMUNCN 3 Intprsnl Com Cmpetnce	(4) COMM 321 Interpersonal (3) Communication
AGRESEC 18 Business Law	(4)   BUS 341 Advanced Business Law (3)
ECON 1A Princ of Microecon	(4) ECON 304 Principles of (3) Microeconomics
ECON 1B Princ of Macroecon	(4) ECON 302 Principles of (3) Macroeconomics
PL SCI 21 Computers in Technology	(3) NO COURSE ARTICULATED: College has not submitted course(s) for articulation OR
B) ENG CS 15 Intro to Computers	(4) CISC 310 Introduction to (3) Computer Information Science

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

MGMT 11A	Elem Accounting	(4)	ACCT 301	Financial Accounting	(4)
MGMT 11B	Elem Accounting	(4)	ACCT 311	Managerial Accounting	(4)
 МАТН 16А	Short Calculus	(3)	MATH 400	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 401	Calculus II	(5)
MATH 16C	Short Calculus	(3)	MATH 401	Calculus II	(5)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)		ARTICULATED: College has	
			submitted	course(s) for articulat:	ion
MATH 17B	Calculus for Biosci	(4)		ARTICULATED: College has	
			submitted	course(s) for articulat:	ion
			1		
	OR		İ	OR	
MATH 21A	<b>OR</b> Calculus	(4)	ĺ		(5)
MATH 21A MATH 21B	Calculus		  MATH 400	OR	
MATH 21B	Calculus	(4)	  MATH 400  MATH 401	<b>OR</b> Calculus I Calculus II	(5)
MATH 21B  STATIST 13	Calculus Calculus	(4)	  MATH 400  MATH 401	<b>OR</b> Calculus I Calculus II	(5) (5)
MATH 21B  STATIST 13	Calculus Calculus Elementary Statistics	(4)	  MATH 400  MATH 401	OR Calculus I Calculus II Introduction to	(5) (5)
MATH 21B  STATIST 13	Calculus Calculus Elementary Statistics	(4)	  MATH 400  MATH 401	OR Calculus I Calculus II Introduction to Probability and	(5) (5)
MATH 21B  STATIST 13	Calculus Calculus Elementary Statistics	(4)	  MATH 400  MATH 401  STAT 300   	OR Calculus I Calculus II Introduction to Probability and	(5) (5)
MATH 21B  STATIST 13	Calculus Calculus Elementary Statistics	(4)	  MATH 400  MATH 401  STAT 300     <u>OR</u>	OR Calculus I Calculus II Introduction to Probability and Statistics	(5) (5)  (4)
MATH 21B  STATIST 13	Calculus Calculus Elementary Statistics	(4)	  MATH 400  MATH 401  STAT 300     <u>OR</u>	OR Calculus I Calculus II Introduction to Probability and Statistics Introductory	(5) (5)  (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.

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

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

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

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Students must identify an area of focus in order to select the appropriate major/college pairing on the UC application for undergraduate admission and scholarships. A student's chosen focus area will determine the college into which the student is admitted, the college where the degree is awarded, and the associated department: -Coastal Environmental Processes (College of Agricultural and Environmental Sciences; Environmental Science and Policy) -Marine Ecology and Organismal Biology (College of Biological Sciences; Evolution and Ecology) -Marine Environmental Chemistry (College of Agricultural and Environmental Sciences; Environmental Toxicology) -Oceans and the Earth System (College of Letters and Science; Earth and Planetary Sciences) Visit http://bml.ucdavis.edu/education/marine-coastal-science-undergraduate-major/ for details regarding the marine and coastal science undergraduate major. _____

## Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19						
General Catalog . Quick reference charts for $\underline{AP}$ and $\underline{IB}$ are also						
	rom our TAG website.	<i>.</i> – .	1			( <del>-</del> )
BIOLSCI 2A	Intro Biology:Life on	(5)	BIOL	400	Principles of Biology	(5)
DIALAGI OD	Earth	( _ )		410	• Duringinleg of Determine	( _ )
BIOPSCI SB	Intro Biology: Ecology					
PTATERT 20	& Evolution Intro Biology:					
BIODSCI ZC	Biodiversity & the Tree					
	of Life			120	Fillerpies of Zoology	(5)
	Genl Chemistry					
CHEM 2B	Genl Chemistry					
GUEN OG					General Chemistry	
CHEM 2C	Genl Chemistry	(5)	ГСНЕМ 	401 	General Chemistry	(5)
MATH 16A	Short Calculus	(3)	MATH	400	Calculus I	(5)
MATH 16B	Short Calculus					(5)
MATH 16C	Short Calculus	(3)	MATH	401	Calculus II	(5)
	OR		ļ		OR	
MATH 17A	Calculus for BioSci	(4)			ARTICULATED: College has	
100		<i>(</i> <b>/</b> )	1		course(s) for articulati	
MATH 17B	Calculus for Biosci	(4)			ARTICULATED: College has	
MATH 17C	Calculus for BioSci	(1)			course(s) for articulati ARTICULATED: College has	
MAIN I/C	Calculus for Biosci	(4)	1		course(s) for articulati	
	OR			licicu	OR	011
MATH 21A	Calculus	(4)	MATH	400	Calculus I	(5)
MATH 21B	Calculus					(5)
MATH 21C	Calculus				Calculus III	(5)
PHYSICS 7A	General Physics	(4)	PHYS	350	& General Physics	(4)

			PHYS	360	General	Physics	(4)
PHYSICS 7B	General Physics	(4)	PHYS	350	& General	Physics	(4)
			PHYS	360	General	Physics	(4)
PHYSICS 7C	General Physics	(4)	PHYS	350	& General	Physics	(4)
			PHYS	360	General	Physics	(4)

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

	OR				OR	
PHYSICS 9A	Classical Physics	(5)	PHYS 4	411	Mechanics of Solids (4 and Fluids	E)
PHYSICS 9B	Classical Physics	(5)	PHYS 4	431	Heat, Waves, Light and (4 Modern Physics	.)
PHYSICS 9C	Classical Physics	(5) :	PHYS 4	421	Electricity and (4 Magnetism	Į)

### STRONGLY RECOMMENDED:

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

### END OF MAJOR

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

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

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

## **REQUIREMENTS FOR ADMISSION:**

(for 2019-20)

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

Mathematics 17A/B/C <u>or</u> 21A/B Chemistry 2A/B/C Biological Sciences 2A/B/C It is also <u>strongly recommended</u> that transfer students complete courses comparable to the following UC Davis courses. Completion of these courses will help you move more efficiently toward graduation. Courses should be taken for a letter grade, with no grade less than C:

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

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

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

Students must identify an area of focus in order to select the appropriate

major/college pairing on the UC application for undergraduate admission and scholarships. A student's chosen focus area will determine the college into which the student is admitted, the college where the degree is awarded, and the associated department:

-Coastal Environmental Processes (College of Agricultural and Environmental Sciences; Environmental Science and Policy)

-Marine Ecology and Organismal Biology (College of Biological Sciences; Evolution and Ecology)

-Marine Environmental Chemistry (College of Agricultural and Environmental Sciences; Environmental Toxicology)

-Oceans and the Earth System (College of Letters and Science; Earth and Planetary Sciences)

Visit <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.

Transfer Admission Guarantee (TAG) Note:

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)	BIOL 400 Principles of Biology (5)
BIOLSCI 2B	Intro Biology: Ecology	(5)	BIOL 410 & Principles of Botany (5)
	& Evolution		BIOL 420 Principles of Zoology (5)
BIOLSCI 2C	Intro Biology:		BIOL 410 & Principles of Botany (5)
	Biodiversity & the Tree of Life		BIOL 420 Principles of Zoology (5)
CHEM 2A	Genl Chemistry		CHEM 400 General Chemistry (5)
CHEM 2B	Genl Chemistry	(5)	CHEM 400 & General Chemistry (5)
			CHEM 401 General Chemistry (5)
CHEM 2C	Genl Chemistry	(5)	CHEM 401 General Chemistry (5)
CHEM 8A	AND Organic Chem-Brief	(2)	AND
CHEM 8A CHEM 8B	Organic Chem-Brief		NO COMPARABLE COURSE
		( = )	
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not
		( = )	submitted course(s) for articulation
	OR		OR
MATH 21A			MATH 400 Calculus I (5)
MATH 21B	Calculus	(4)	MATH 401 Calculus II (5)
PHYSICS 7A	General Physics	(4)	PHYS 350 & General Physics (4)
			PHYS 360 General Physics (4)
PHYSICS 7B	General Physics	(4)	PHYS 350 & General Physics (4)
			PHYS 360 General Physics (4)
PHYSICS 7C	General Physics	(4)	PHYS 350 & General Physics (4)
			PHYS 360 General Physics (4)

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

	OR			OR	
PHYSICS 9A	Classical Physics	(5)	PHYS 411 	Mechanics of Solids and Fluids	(4)
PHYSICS 9B	Classical Physics	(5)	PHYS 431 	Heat, Waves, Light and Modern Physics	(4)
PHYSICS 9C	Classical Physics	(5)	PHYS 421 	Electricity and Magnetism	(4)

#### STRONGLY RECOMMENDED:

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

END OF MAJOR

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

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

Students must identify an area of focus in order to select the appropriate major/college pairing on the UC application for undergraduate admission and scholarships. A student's chosen focus area will determine the college into which the student is admitted, the college where the degree is awarded, and the associated department: -Coastal Environmental Processes (College of Agricultural and Environmental Sciences; Environmental Science and Policy) -Marine Ecology and Organismal Biology (College of Biological Sciences; Evolution and Ecology) -Marine Environmental Chemistry (College of Agricultural and Environmental Sciences; Environmental Toxicology) -Oceans and the Earth System (College of Letters and Science; Earth and Planetary Sciences) Visit http://bml.ucdavis.edu/education/marine-coastal-science-undergraduate-major/ for details regarding the marine and coastal science undergraduate major. _____

## Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

available f	rom our TAG website.			
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	) BIOL 400 Principles of Biology (5	5)
BIOLSCI 2B	Intro Biology: Ecology	(5)	) BIOL 410 <u>&amp;</u> Principles of Botany (5)	5)
	& Evolution		BIOL 420 Principles of Zoology (5	
BIOLSCI 2C	Intro Biology:			
	Biodiversity & the Tree of Life		BIOL 420 Principles of Zoology (5 	5)
 СНЕМ 2А	Genl Chemistry	(5)	) CHEM 400 General Chemistry (5	5)
CHEM 2B	Genl Chemistry	(5)	) CHEM 400 & General Chemistry (5	5)
			CHEM 401 General Chemistry (5	
CHEM 2C	Genl Chemistry	(5)	) CHEM 401 General Chemistry (5	5)
MATH 16A	Short Calculus	(3)	) MATH 400 Calculus I (5	5)
MATH 16B	Short Calculus	(3)	) MATH 401 Calculus II (5	5)
MATH 16C	Short Calculus	(3)	) MATH 401 Calculus II (5	5)
	OR		OR	
MATH 17A	Calculus for BioSci	(4)	) NO COURSE ARTICULATED: College has no	٥t
Mart 105		( 1 )	submitted course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has no	JE
MATH 17C	Calculus for BioSci	(1)	<pre> submitted course(s) for articulation ) NO COURSE ARTICULATED: College has no</pre>	<b>`</b> +
MAIN 17C	Calculus IOI BIOSCI	(=)	submitted course(s) for articulation	
	OR			
MATH 21A	Calculus	(4)	) MATH 400 Calculus I (5	5)
MATH 21B	Calculus	(4)	) MATH 401 Calculus II (5	
MATH 21C	Calculus	(4)	MATH 402 Calculus III (5	5)
PHYSICS 7A	General Physics	(4)	) PHYS 350 <u>&amp;</u> General Physics (4	1)
			PHYS 360 General Physics (4	1)

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

PHYSICS 7B	General Physics	(4)	PHYS	350	&	General	Physics	(4)
			PHYS	360	_	General	Physics	(4)
PHYSICS 7C	General Physics	(4)	PHYS	350	&	General	Physics	(4)
			PHYS	360		General	Physics	(4)
			- ·					

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

	OR			OR
PHYSICS 9A	Classical Physics	(5)	PHYS 41 	.1 Mechanics of Solids (4) and Fluids
PHYSICS 9B	Classical Physics	(5)	PHYS 43 	Heat, Waves, Light and (4) Modern Physics
PHYSICS 9C	Classical Physics	(5)	PHYS 42 	21 Electricity and (4) Magnetism

### STRONGLY RECOMMENDED:

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

## END OF MAJOR

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

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

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

_____ Students must identify an area of focus in order to select the appropriate major/college pairing on the UC application for undergraduate admission and scholarships. A student's chosen focus area will determine the college into which the student is admitted, the college where the degree is awarded, and the associated department: -Coastal Environmental Processes (College of Agricultural and Environmental Sciences; Environmental Science and Policy) -Marine Ecology and Organismal Biology (College of Biological Sciences; Evolution and Ecology) -Marine Environmental Chemistry (College of Agricultural and Environmental Sciences; Environmental Toxicology) -Oceans and the Earth System (College of Letters and Science; Earth and Planetary Sciences) Visit http://bml.ucdavis.edu/education/marine-coastal-science-undergraduate-major/ for details regarding the marine and coastal science undergraduate major. _____

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

(5)	BIOL 400 Principles of Biology (5)
(5)	  BIOL 410 & Principles of Botany (5)
(5)	BIOL 420 Principles of Bocaly (5)
(5)	BIOL 410 & Principles of Botany (5)
	BIOL 420 Principles of Zoology (5)
	FC/ (0,
(5)	CHEM 400 General Chemistry (5)
(5)	CHEM 400 & General Chemistry (5)
	CHEM 401 General Chemistry (5)
(5)	CHEM 401 General Chemistry (5)
(3)	MATH 400 Calculus I (5)
	MATH 401 Calculus II (5)
(3)	MATH 401 Calculus II (5)
	OR
(4)	NO COURSE ARTICULATED: College has not
(	submitted course(s) for articulation
(4)	NO COURSE ARTICULATED: College has not
(1)	submitted course(s) for articulation
(4)	submitted course(s) for articulation
	OR
(4)	MATH 400 Calculus I (5)
	MATH 401 Calculus II (5)
	MATH 402 Calculus III (5)
(4)	PHYS 350 & General Physics (4)
	PHYS 360 General Physics (4)
(4)	PHYS 350 & General Physics (4)
	PHYS 360 General Physics (4)
(4)	PHYS 350 & General Physics (4)
	PHYS 360 General Physics (4)
	(5) (5) (5) (5) (5) (3) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4)

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

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

	OR			OR
PHYSICS 9A	Classical Physics	(5)]]	phys 41	.1 Mechanics of Solids (4) and Fluids
PHYSICS 9B	Classical Physics	(5) ]	PHYS 43	Heat, Waves, Light and (4) Modern Physics
PHYSICS 9C	Classical Physics	(5)]]	PHYS 42	21 Electricity and (4) Magnetism

## STRONGLY RECOMMENDED:

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

### END OF MAJOR

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

## Special Advising Note:

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

# IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

## Special Advising Note:

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

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Transfer applicants must also complete all lower-division courses required for their specific engineering major as listed below under courses "Required for Admission" with a cumulative GPA of 3.20 or higher for those courses completed at the time of application and through the transfer academic update filing period. Before submitting a UC application, students must have already achieved a cumulative GPA of 3.20 or higher in required lower-division major coursework completed. If one course from the group is completed at the time the application is submitted, the grade for that one course must be B+ or better. If two or more courses from the group are completed at the time the application is submitted, the GPA for those courses combined must be a 3.20 or higher. Any required courses that are offered at your current college must be completed by the close of spring term for fall enrollment at UC Davis. If required courses are not offered at your California Community College (i.e. those identified on ASSIST as NO COMPARABLE COURSE or NO COURSE ARTICULATED), you must complete them after enrolling at UC Davis.

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

### Transfer Admission Guarantee (TAG) Note:

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

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# General Education (GE) Note:

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

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

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

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

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END OF MAJOR

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

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis 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 <u>UC Davis General</u> <u>Catalog</u> for additional information about the Foreign Language and Area Requirements, College of Letters and Science.

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

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

MATH 21A	Calculus	(4)	MATH 400	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 401	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 402	Calculus III	(5)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College	has not
			submitted	course(s) for articu	lation
MATH 17B	Calculus for Biosci	(4)	NO COURSE	ARTICULATED: College	has not
			submitted	course(s) for articu	lation
MATH 17C	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College	has not
			submitted	course(s) for articu	lation
MATH 21D	-			Calculus III	
MATH 22B				Differential Equat	
MATH 22AL	Lin Alg Comp Lab	(1)	1	ARTICULATED: College	
			1	course(s)for articul	ation
	or equivalent basic 1	knowle	dge of MATI	LAB.	
NOTE: Basic	knowledge of MATLAB is :	requir	ed for both	n MATH 67 and 22A. S	tudents
can learn i	t on their own, enroll in	n Engi	neering 6,	Mechanical Engineeri	ng 5 or
in the one	unit course Mathematics :	22AL (1	may be take	en concurrently).	
	BOTH OF TH	E FOLL	OWING COURS	SES:	
млти 227	Linear Algebra	(3)	MATH 410	Introduction to Li	noar(3)

MATH 22A	Linear Algebra	(3)   MATH 410	Introduction to Linear (3)
			Algebra

MATH 108 Intro Abstract Math

OR SELECT THE FOLLOWING COURSE:

MATH 67	Modern Linear Algebra	(4) NO COURSE ARTICULATED: College has no submitted course(s) for articulation	
	Intro to Programming(4) ly ENG CS 10	CISP 370 Beginning Visual BASIC (4 	1)
ENGIN 6 END OF MAJ	Engr Prob Solving OR	(4) NO COMPARABLE COURSE	

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

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

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

## 

## Transfer Admission Guarantee (TAG) Note:

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

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

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

# Recommended Language Preparation Note:

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

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

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

MATH 21A MATH 21B MATH 21C MATH 21D MATH 22B MATH 22AL	Calculus Calculus Calculus Vector Analysis Differntl Equations Lin Alg Comp Lab <b>or equivalent basic k</b>	(4) (4) (4) (3) (1)	MATH 400Calculus I(5)MATH 401Calculus II(5)MATH 402Calculus III(5)MATH 402Calculus III(5)MATH 420Differential Equations (4)NO COURSE ARTICULATED: College has notsubmitted course(s) for articulationdge of MATLAB.ed for both MATH 67 and 22A.Students
can learn :	it on their own, enroll ir	n Engin 22AL (1	neering 6, Mechanical Engineering 5 or may be taken concurrently).
MATH 22A		-	OWING COURSES:  MATH 410 Introduction to Linear (3)   Algebra   AND
MATH 108		(4)	This course must be taken at UC Davis
MATH 67			OLLOWING COURSE: NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	Intro to Programming(4) ly ENG CS 10 <b>OR</b>		CISP 370 Beginning Visual BASIC (4)
	OK Engr Prob Solving	(4)	-
		(4)	ECON 304 Principles of (3) Microeconomics
ECON 1B	Princ of Macroecon	(4)	ECON 302 Principles of (3)
			Macroeconomics

END OF MAJOR

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

## Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <u>transfer admission website</u>. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

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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

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> for details regarding UC Davis TAG.

# Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

## College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <a href="http://llc.ucdavis.edu/foreign-language-placement-exams">http://llc.ucdavis.edu/foreign-language-placement-exams</a> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19  $\underline{\text{General Catalog}}$ . Quick reference charts for  $\underline{\text{AP}}$  and  $\underline{\text{IB}}$  are also available from our TAG website.

MATH 21A	Calculus	(4)	MATH 400	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 401	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 402	Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH 402	Calculus III	(5)
MATH 22B	Differntl Equations	(3)	MATH 420	Differential Equations	(4)
MATH 22AL	Lin Alg Comp Lab	(1)	NO COURSE	ARTICULATED: College has	not
			submitted	course(s)for articulatio	n

## or equivalent basic knowledge of MATLAB.

NOTE: Basic knowledge of MATLAB is required for both MATH 67 and 22A. Students can learn it on their own, enroll in Engineering 6, Mechanical Engineering 5 or in the one unit course Mathematics 22AL (may be taken concurrently).

BOTH OF THE FOLLOWING COURSES: MATH 22A Linear Algebra (3) MATH 410 Introduction to Linear (3) Algebra AND AND MATH 108 Intro Abstract Math (4) This course must be taken at UC Davis OR SELECT THE FOLLOWING COURSE: MATH 67 Modern Linear Algebra (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation _____ ENG CS 32A Intro to Programming(4) |CISP 370 Beginning Visual BASIC (4) Formerly ENG CS 10 OR OR (4) NO COMPARABLE COURSE ENGIN 6 Engr Prob Solving Please note that the community college's computer science courses may not be identical to UC Davis courses. Community college students, upon transfer to UC Davis, may need to make up any topic or language deficiencies. _____ 12 QUARTER UNITS OF ADDITIONAL NON-MATHEMATICS COURSES CHOSEN FROM NATURAL SCIENCES

END OF MAJOR

#### ====Mathematics B.S.====

### Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <u>transfer admission website</u>. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

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# Special Advising Note for future applicants:*

Beginning fall 2020, the major mathematics will become selective and will require preparatory coursework for admission. Any required courses that are offered at your current campus will need to be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses will not be offered at your college, you must complete them after enrolling at UC Davis.

Transfer students must earn an overall GPA of 2.80 or higher to be competitive candidates for admission to this major (3.20 or higher for TAG applicants).

Strive to achieve your highest possible GPA in order to be most competitive. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 3.00 for the selective major course group. It is recommended that candidates have a cumulative GPA of at least 3.00 for the group of courses below that have been completed at the time of application and through the transfer academic update filing period. Whether planning for the general application or TAG process, courses must be taken for a letter grade, with no grade less than C. (Advanced Placement (AP) or International Baccaulaureate (IB) Higher Level examinations may satisfy UC course equivalents). -Mathematics 21A/B/C/D -Mathematics 22A or Mathematics 67 -Mathematics 22B

*Information for future applicants is subject to change

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## Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

# Recommended Language Preparation Note:

Bachelor of Science degree candidates are advised, but not required, to satisfy the same language requirement as that for a Bachelor of Arts degree candidate, and to fulfill it in French, German or Russian. View the <u>UC Davis General</u> <u>Catalog</u> for additional information about the Foreign Language and Area Requirements, College of Letters and Science.

### Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

MATH 21A	Calculus	(4)	MATH 400	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 401	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 402	Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH 402	Calculus III	(5)
MATH 22B	Differntl Equations	(3)	MATH 420	Differential Equation	s (4)
MATH 22AL	Lin Alg Comp Lab	(1)	NO COURS	E ARTICULATED: College ha	s not
			submitte	d course(s)for articulati	on

# 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	E FOLLOWING COURSES:
MATH 22A	Linear Algebra	(3) MATH 410 Introduction to Linear (3)
		Algebra
	AND	AND
MATH 108	Intro Abstract Math	(4) This course must be taken at UC Davis
	OR SELECT	THE FOLLOWING COURSE:

MATH 67	Modern Linear Algebra	(4)	NO COURSE	ARTICULATED:	College has not
			submitted	course(s) for	r articulation

ENG CS 32A Intro to Programming(4) Formerly ENG CS 10 OR ENGIN 6 Engr Prob Solving		CISP 370      NO COMPARA	Beginning Visual BASI <b>OR</b> BLE COURSE	C (4)
Please note that the community c may not be identical to UC Davis upon transfer to UC Davis, may n deficiencies.	cour	ses. Commu	nity college students,	
PLAN 1: GENERAL	 MATHE	MATICS		
PHYSICS 9A Classical Physics	(5)	PHYS 411	Mechanics of Solids and Fluids	(4)
PLAN 2: MATHEMA	TICS	FOR SECONDA	RY TEACHING	
PHYSICS 7A General Physics	(4)	PHYS 350 <u>&amp;</u>  PHYS 360	General Physics General Physics <b>OR</b>	(4) (4)
	(5)	PHYS 411 		(4)
STATIST 13 Elementary Statistics Same as: STATIST 13Y	(4)	STAT 300	Introduction to Probability and Statistics	(4)
		OR		
OR		PSYC 330   	Introductory Statistics for the Behavioral Sciences OR	(3)
STATIST 32 Gateway to Data Science	(4)		ARTICULATED: College ha course(s) for articulat	

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 <u>transfer admission website</u> for details. **IGETC:** Transfer students should place highest priority on completing all requirements for their chosen engineering major. By completing the Intersegmental General Education Transfer Curriculum(IGETC)however, the General Education (GE) requirement at UC Davis will be totally satisfied for all UC Davis GE requirements that may be met with lower-division courses. Completing IGETC is not required, nor does it improve the likelihood you will be admitted. See additional GE information below.

## Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit our website for details regarding UC Davis TAG.

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### General Education (GE) Note:

For information concerning satisfaction of UC Davis GE requirements, please go to the For General Education/Breadth section of ASSIST and select any GE area from the pull-down menu or view the "General Education" section of the 2018-19 UC Davis General Catalog online.

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#### Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

**AP and** IB examination credit policies are detailed in the UC Davis 2018-2019 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

When there are more applicants than spaces available in the College of Engineering, priority is given to California community college transfers who have an overall UC transferable GPA of 3.10 or higher and who have completed all lower-division engineering major requirements available at the student's community college with a minimum GPA of 3.20 in these required courses. Contact your counselor or the UC Davis College of Engineering Undergraduate Office at(530)752-1979, or consult the <u>College of Engineering website</u> if you have any questions.

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## ====Medieval and Early Modern Studies A.B.==== Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <u>transfer admission website</u>. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

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## Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

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### College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See http://llc.ucdavis.edu/foreign-language-placement-exams and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information. _____ Advanced Placement (AP) and International Baccalaureate (IB) Examination Note: AP and IB examination credit policies are detailed in the UC Davis 2018-19 General Catalog . Quick reference charts for AP and IB are also available from our TAG website. _____ MEDV-ST 20A Medieval Culture (5) NO COMPARABLE COURSE MEDV-ST 20B Medieval Culture (5) NO COMPARABLE COURSE THREE COURSES FROM THE FOLLOWING: (4) ARTH 309 Art Survey: ARTHI 1B Mediev&Renaiss Art (3) Renaissance to 19th

			Century	
ARTHI 1C	Baroque to Modern Art	(4) ARTH 311	Art Survey: Modern Ar	t (3)
ARTHI 1E	Islamic Art &	(4) ARTH 333	Introduction to	(3)
	Architecture		Islamic Art	

COMPLIT 2 Major Books-Middle Ages	(4)	ENGLT 340 & World Literature I (3)
to Enlightenment		ENGLT 341 World Literature II (3)
COMPLIT 10A Master Authors	(2)	NO COURSE ARTICULATED: College has not
		submitted course(s)for articulation
COMPLIT 10B Master Authors	(2)	NO COURSE ARTICULATED: College has not
		submitted course(s)for articulation
COMPLIT 10C Master Authors	(2)	NO COURSE ARTICULATED: College has not
		submitted course(s) for articulation
COMPLIT 10D Master Authors	(2)	NO COURSE ARTICULATED: College has not
		submitted course(s)for articulation
COMPLIT 10E Master Authors	(2)	NO COURSE ARTICULATED: College has not
		submitted course(s) for articulation
ENGLISH 10A Literatures in English	(4)	ENGLT 310 English Literature I (3)
I: To 1700		
GERMAN 48 Myth & Saga	(4)	NO COURSE ARTICULATED: College has not
	( )	submitted course(s) for articulation
HISTORY 4A Western Civ	(4)	NO COMPARABLE COURSE
HISTORY 4B Western Civ		NO COURSE ARTICULATED: College has not
	( = )	submitted course(s) for articulation
HUMAN 1 Humanities Forum	(2)	NO COURSE ARTICULATED: College has not
	( = )	submitted course(s) for articulation
HUMAN 9 Don Quixote	(2)	NO COURSE ARTICULATED: College has not
	( = )	submitted course(s) for articulation
PHILOS 21 Phil Classics: Ancient	(4)	PHIL 330 History of Classical (3)
	( 1)	Philosophy
PHILOS 22 Phil Classics: Modern	(4)	PHIL 331 History of Modern (3)
THILDO 22 FILL CLASSICS. MOUELI	(1)	Philosophy Philosophy
		I FILTOSOPHY

Language proficiency is a desideratum; courses in Latin and other European languages are strongly recommended, particularly for students planning to pursue graduate studies in the medieval or early modern field.

END OF MAJOR

### ====Microbiology A.B.====

## Special Advising Note:

The following majors in the College of the Biological Sciences--biochemistry and molecular biology; biological sciences; cell biology; evolution, ecology, and biodiversity; genetics and genomics; marine and coastal science (marine ecology & organismal biology); microbiology; neurobiology, physiology, and behavior; and plant biology--are selective and require preparatory coursework for admission. Any required courses that are offered at your current campus must be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses are not offered at your college, you must complete them after enrolling at UC Davis.

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

### **REQUIREMENTS FOR ADMISSION:**

### (for 2019-20)

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.50 for each of the three course groups. It is recommended that candidates have already achieved the minimum required GPAs for the courses in the groups below that have been completed by the time of application and maintain them through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course Mathematics 17A/B/C or 21A/B Chemistry 2A/B/C Biological Sciences 2A/B/C

It is also <u>strongly recommended</u> that transfer students complete courses comparable to the following UC Davis courses. Completion of these courses will help you move more efficiently toward graduation. Courses should be taken for a letter grade, with no grade less than C:

Organic Chemistry series cited on ASSIST for your major* Physics 7A/B/C or the physics series cited on ASSIST for your intended College of Biological Sciences major (especially useful for Neurobiology, Physiology and Behavior majors).

* Students planning for the major biochemistry and molecular biology should complete Organic Chemistry 118A/B/C rather than 8A/B. Students planning for the major marine and coastal science (marine ecology & organismal biology) should complete Organic Chemistry 8A/B; however, students may substitute Chemistry 118A/B/C.

Transfer students must also meet UC transfer admission requirements. UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. See the <u>UC Transfer</u> <u>Admission webpage</u>. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

## Special Note for Transfer Students Considering an A.B. Degree in this Major:

Applicants to majors in the College of Biological Sciences apply to the major, without reference to A.B. or B.S. degrees, which are chosen after enrollment at UC Davis. All majors currently offered in the College of Biological Sciences are selective for purposes of admission; therefore, <u>in order to be considered</u> for admission in this selective major, transfer students who plan to pursue the A.B. degree MUST also complete Chemistry 2C and additional courses in math. At a minimum, for admission students MUST complete courses comparable to UC Davis's Biological Sciences 2A/B/C; Mathematics 17A/B/C or 21A/B; and Chemistry 2A/B/C. See the B.S. degree in this major for additional course articulation information.

## Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

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# Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

#### College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See

http://llc.ucdavis.edu/foreign-language-placement-exams and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

**AP and** IB examination credit policies are detailed in the UC Davis 2018-19 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 400 Principles of Biology (5
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 410 & Principles of Botany (5) BIOL 420 Principles of Zoology (
BIOLSCI 2C	Intro Biology:	(5)	BIOL 410 & Principles of Botany (5
	Biodiversity & the Tree of Life		BIOL 420 Principles of Zoology (5
CHEM 2A	Genl Chemistry		CHEM 400 General Chemistry (5
CHEM 2B	Genl Chemistry	(5)	CHEM 400 & General Chemistry (5
			CHEM 401 General Chemistry (5
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE
	OR		OR
CHEM 118A	Org Chem, Hlth & Sci		CHEM 420 Organic Chemistry (5
CHEM 118B	Org Chem, Hlth & Sci		CHEM 420 & Organic Chemistry(5)CHEM 421Organic Chemistry(5)
CHEM 118C	Org Chem, Hlth & Sci		CHEM 421 Organic Chemistry (5)
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has no submitted course(s) for articulation
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has no
			submitted course(s) for articulation
	OR	<i>.</i> .	OR (
MATH 21A	Calculus		MATH 400 Calculus I (5
MATH 21B	Calculus	(4)	MATH 401 Calculus II (5
PHYSICS 1A	Principles Physics	(3)	PHYS 350 General Physics (4
PHYSICS 1B	Principles Physics	(3)	PHYS 360 General Physics (4
	OR		OR
PHYSICS 7A	General Physics	(4)	PHYS 350 & General Physics (4
PHYSICS 7B	Conoral Physics	$(\Lambda)$	PHYS 360General Physics(4)PHYS 350 & General Physics(4)
FUISICS /R	General Physics	(4)	PHYS 350 & General Physics(4)PHYS 360General Physics(4)
PHYSICS 7C	General Physics	(4)	PHYS 350 & General Physics (4)
		( - )	PHYS 360 General Physics (4

It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

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END OF MAJOR

====Microbiology B.S.====

The following majors in the College of the Biological Sciences--biochemistry and molecular biology; biological sciences; cell biology; evolution, ecology, and biodiversity; genetics and genomics; marine and coastal science (marine ecology & organismal biology); microbiology; neurobiology, physiology, and behavior; and plant biology--are selective and require preparatory coursework for admission. Any required courses that are offered at your current campus must be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses are not offered at your college, you must complete them after enrolling at UC Davis.

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

## **REQUIREMENTS FOR ADMISSION:**

(for 2019-20)

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.50 for each of the three course groups. It is recommended that candidates have already achieved the minimum required GPAs for the courses in the groups below that have been completed by the time of application and maintain them through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

Mathematics 17A/B/C or 21A/B Chemistry 2A/B/C Biological Sciences 2A/B/C

It is also <u>strongly recommended</u> that transfer students complete courses comparable to the following UC Davis courses. Completion of these courses will help you move more efficiently toward graduation. Courses should be taken for a letter grade, with no grade less than C:

> Organic Chemistry series cited on ASSIST for your major* Physics 7A/B/C or the physics series cited on ASSIST for your intended College of Biological Sciences major (especially useful for Neurobiology, Physiology and Behavior majors).

* Students planning for the major biochemistry and molecular biology should complete Organic Chemistry 118A/B/C rather than 8A/B. Students planning for the major marine and coastal science (marine ecology & organismal biology) should complete Organic Chemistry 8A/B; however, students may substitute Chemistry 118A/B/C.

Transfer students must also meet UC transfer admission requirements. UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. See the <u>UC Transfer</u> <u>Admission webpage</u>. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

## Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 General Catalog . Quick reference charts for AP and IB are also available from our TAG website. _____ BIOLSCI 2A Intro Biology:Life on (5) BIOL 400 Principles of Biology (5) Earth BIOLSCI 2B Intro Biology: Ecology (5) BIOL 410 & Principles of Botany (5) & Evolution|BIOL 420Principles of Zoology (5)BIOLSCI 2CIntro Biology:(5)BIOL 410 & Principles of Botany (5) Biodiversity & the Tree |BIOL 420 Principles of Zoology (5) of Life _____ CHEM 2A Genl Chemistry CHEM 2B Genl Chemistry (5) CHEM 400 General Chemistry (5) (5) CHEM 400 & General Chemistry (5) CHEM 401General Chemistry(5)(5)CHEM 401General Chemistry(5) CHEM 2C Genl Chemistry _____ CHEM 8AOrganic Chem-Brief(2) NO COMPARABLE COURSECHEM 8BOrganic Chem-Brief(4) NO COMPARABLE COURSE OR OR CHEM 118AOrg Chem, Hlth & Sci(4)CHEM 420Organic Chemistry(5)CHEM 118BOrg Chem, Hlth & Sci(4)CHEM 420& Organic Chemistry(5) CHEM 421 Organic Chemistry (5) CHEM 118C Org Chem, Hlth & Sci (4) CHEM 421 Organic Chemistry (5) _____ MATH 17A Calculus for BioSci (4) 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 (4) | MATH 400 MATH 21A Calculus Calculus I (5) (4) |MATH 401 Calculus II MATH 21B Calculus (5) _____ (4) PHYS 350 <u>&</u> General Physics (4) PHYS 360 General Physics (4) PHYSICS 7A General Physics PHYSICS 7B General Physics (4) PHYS 350 <u>&</u> General Physics (4) PHYS 360 General Physics (4) PHYSICS 7C General Physics (4) PHYS 350 & General Physics (4) PHYS 360 General Physics (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:

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MATH 21C	Calculus	(4)   MATH 402	Calculus III	(5)

#### END OF MAJOR

## ====Middle East/South Asia Studies A.B.====

## Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <u>transfer admission website</u>. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

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### Transfer Admission Guarantee (TAG) Note:

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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:

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HISTORY 6	Intro to Middle East	(4)   NO COURSE ARTICULATED: College has not
		submitted course(s) for articulation
HISTORY 8	Indian Civilization	(4) NO COMPARABLE COURSE

TWO YEARS (OR THE EQUIVALENT)	OF A	RABIC, HEBREW, OR HINDI/URDU:
ARABIC 1 Elementary Arabic		NO COURSE ARTICULATED: College has not
-	. ,	submitted course(s) for articulation
ARABIC 2 Elem Arabic	(5)	NO COURSE ARTICULATED: College has not
		submitted course(s) for articulation
ARABIC 3 Elem Arabic	(5)	NO COURSE ARTICULATED: College has not
		submitted course(s) for articulation
ARABIC 21 Intermed Arabic	(4)	NO COURSE ARTICULATED: College has not
		submitted course(s) for articulation
ARABIC 22 Intermed Arabic	(4)	NO COURSE ARTICULATED: College has not
		submitted course(s) for articulation
ARABIC 23 Intermed Arabic	(4)	NO COURSE ARTICULATED: College has not
		submitted course(s) for articulation
OR		OR
HEBREW 1 Elem Hebrew	• •	NO COMPARABLE COURSE
HEBREW 2 Elem Hebrew	• •	NO COMPARABLE COURSE
HEBREW 3 Elem Hebrew	• •	NO COMPARABLE COURSE
HEBREW 21 Intermed Modern Hebrew I	(4)	NO COURSE ARTICULATED: College has not
	(	submitted course(s) for articulation
HEBREW 22 Intermed Modern Hebrew II	(4)	NO COURSE ARTICULATED: College has not
HEBREW 23 Intermed Modern Hebrew III	(1)	submitted course(s) for articulation
OR	(4)	OR
HIN-URD 1 Elem Hindi/Urdu I	(5)	NO COURSE ARTICULATED: College has not
HIN-ORD I EIEM HINAI/OIQU I	(5)	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
	(0)	submitted course(s) for articulation
HIN-URD 21 Intermed Hindi/Urdu I	(4)	NO COURSE ARTICULATED: College has not
	. ,	submitted course(s) for articulation
HIN-URD 22 Intermed Hindi/Urdu II	(4)	NO COURSE ARTICULATED: College has not
		submitted course(s) for articulation
HIN-URD 23 Intermed Hindi/Urdu III	(4)	NO COURSE ARTICULATED: College has not
		submitted course(s) for articulation
OTHER MIDDLE EAST/SOUTH ASIA STUDIES	REGI	ONAL LANGUAGES ACCEPTED WITH PETITION.
ADDITI	ONAL	ELECTIVES:
ARTHI 1E Islamic Art &	(4)	ARTH 333 Introduction to (3)
Architecture		Islamic Art
CLASSIC 1 N East/Early Gr	(4)	NO COMPARABLE COURSE
COMPLIT 53B Lit of South Asia		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		NO COMPARABLE COURSE
REL STD 23 Intro Judaism		NO COMPARABLE COURSE
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 68 Hinduism	(4)	NO COURSE ARTICULATED: College has not
		submitted course(s) for articulation
		Middle Eastern or South Asian language
END OF MAJOR		

====Music A.B.====

# Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree. Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <u>transfer admission website</u>. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

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#### Diagnostic Examination Note:

Students completing the program of courses below achieve a fundamental grounding in music theory, music history, and performance. Upon admission to UC Davis, students will demonstrate required proficiency through a diagnostic exam as part of their initial academic planning and advisement. Students will be scheduled for specific courses appropriate to their proficiency level.

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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 <a href="http://llc.ucdavis.edu/foreign-language-placement-exams">http://llc.ucdavis.edu/foreign-language-placement-exams</a> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

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**AP and** IB examination credit policies are detailed in the UC Davis 2018-19

<u>General Catalog</u> . Quick reference charts for  $\underline{AP}$  and  $\underline{IB}$  are also available from our TAG website.

MUSIC 2A	Keyboard Competence	(2) CREDIT TO BE DETERMINED BY UC DAVIS
		MUSIC DEPARTMENT'S PLACEMENT EXAMS
MUSIC 2B	Keyboard Competence	(2) CREDIT TO BE DETERMINED BY UC DAVIS
		MUSIC DEPARTMENT'S PLACEMENT EXAMS
MUSIC 2C	Keyboard Competence	(2) CREDIT TO BE DETERMINED BY UC DAVIS
		MUSIC DEPARTMENT'S PLACEMENT EXAM

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# STUDENTS MAY PASS OUT OF ONE OR MORE QUARTERS OF MUSIC 2A-C THROUGH EXAMINATION

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MUSIC						
MUSIC	бA	Elementary Theory	(3)	MUFHL 410	_	(4)
MUSIC	6B	Elementary Theory	(3)	  MUFHL 410	Musicianship III & Music Theory and	(4)
MODIC	0D	Elementary incory	(3)		Musicianship III	(1)
				MUFHL 411		(4)
					Musicianship IV	( = )
MUSIC	6C	Elementary Theory	(3)	MUFHL 411		(4)
				İ	Musicianship IV	
MUSIC		1	. ,	1	ARTICULATED	
MUSIC	7B	Intermediate Theory	(3)		ARTICULATED: College has	
			(2)	1	course(s) for articulati	
MUSIC	70	Intermediate Theory	(3)	1	ARTICULATED: College has	
				submitted	course(s) for articulati	on
MUSIC	16A	Elem Musicianship	(2)	INO COMPAR	ABLE COURSE	
MUSIC		Elem Musicianship		1	ARTICULATED: College has	not
	102		( = )		course(s) for articulati	
MUSIC	16C	Elem Musicianship	(2)	1	ARTICULATED: College has	
		-	. ,	1	course(s) for articulati	
		STUDENTS MAY PASS OUT	OF ONE	OR MORE Q	UARTERS OF MUSIC 16A-C	
		THROUGH EXAMINATION				
MUSIC	 1 7 א	Intermediate	(2)	INO COURCE	ARTICULATED: College has	not
MUSIC	1/A	Musicianship	(2)		course(s) for articulati	
		mabicianbilip		Dubinitecceu		
MUSIC	17B	Intermediate	(2)	NO COURSE		
MUSIC	17B	Intermediate Musicianship	(2)	1	ARTICULATED: College has	not
MUSIC MUSIC		Intermediate Musicianship Intermediate		submitted	ARTICULATED: College has course(s) for articulati	not on
		Musicianship		submitted	ARTICULATED: College has	not on not
		Musicianship Intermediate Musicianship	(2)	submitted  NO COURSE  submitted	ARTICULATED: College has course(s) for articulati ARTICULATED: College has course(s) for articulati	not on not
		Musicianship Intermediate Musicianship	(2)	submitted  NO COURSE  submitted	ARTICULATED: College has course(s) for articulati ARTICULATED: College has	not on not
MUSIC	17C	Musicianship Intermediate Musicianship STUDENTS MAY PASS OU THROUGH EXAMINATION	(2) <b>T OF O</b>	submitted NO COURSE submitted	ARTICULATED: College has course(s) for articulati ARTICULATED: College has course(s) for articulati QUARTERS OF MUSIC 17A-C	not on on
MUSIC	17C	Musicianship Intermediate Musicianship STUDENTS MAY PASS OU	(2) <b>T OF O</b>	submitted NO COURSE submitted	ARTICULATED: College has course(s) for articulati ARTICULATED: College has course(s) for articulati QUARTERS OF MUSIC 17A-C	not on on
MUSIC	17C	Musicianship Intermediate Musicianship STUDENTS MAY PASS OU THROUGH EXAMINATION	(2) <b>T OF O</b>	submitted NO COURSE submitted	ARTICULATED: College has course(s) for articulati ARTICULATED: College has course(s) for articulati QUARTERS OF MUSIC 17A-C	not on on
MUSIC	17C	Musicianship Intermediate Musicianship STUDENTS MAY PASS OU THROUGH EXAMINATION	(2) <b>T OF O</b>	submitted NO COURSE submitted	ARTICULATED: College has course(s) for articulati ARTICULATED: College has course(s) for articulati QUARTERS OF MUSIC 17A-C Survey of Music History and	not on on
MUSIC	17C	Musicianship Intermediate Musicianship STUDENTS MAY PASS OU THROUGH EXAMINATION	(2) <b>T OF O</b>	submitted NO COURSE submitted	ARTICULATED: College has course(s) for articulati ARTICULATED: College has course(s) for articulati QUARTERS OF MUSIC 17A-C Survey of Music History and Literature (Greek	not on on
MUSIC	17C	Musicianship Intermediate Musicianship STUDENTS MAY PASS OU THROUGH EXAMINATION	(2) <b>T OF O</b>	submitted  NO COURSE  submitted NE OR MORE   MUFHL 310   	ARTICULATED: College has course(s) for articulati ARTICULATED: College has course(s) for articulati QUARTERS OF MUSIC 17A-C Survey of Music History and Literature (Greek Antiquity to 1750)	not on on
MUSIC	17C	Musicianship Intermediate Musicianship STUDENTS MAY PASS OU THROUGH EXAMINATION	(2) <b>T OF O</b>	Submitted NO COURSE Submitted NE OR MORE MUFHL 310	ARTICULATED: College has course(s) for articulati ARTICULATED: College has course(s) for articulati QUARTERS OF MUSIC 17A-C Survey of Music History and Literature (Greek Antiquity to 1750) Survey of Music History and	<pre>not on not on (3)</pre>
MUSIC	17C	Musicianship Intermediate Musicianship STUDENTS MAY PASS OU THROUGH EXAMINATION	(2) <b>T OF O</b>	Submitted NO COURSE Submitted NE OR MORE MUFHL 310	ARTICULATED: College has course(s) for articulati ARTICULATED: College has course(s) for articulati QUARTERS OF MUSIC 17A-C Survey of Music History and Literature (Greek Antiquity to 1750) Survey of Music	<pre>not on not on (3)</pre>
MUSIC	17C  24A	Musicianship Intermediate Musicianship STUDENTS MAY PASS OU THROUGH EXAMINATION Intro Music History	(2) <b>T OF O</b> (3)	Submitted NO COURSE Submitted NE OR MORE MUFHL 310 MUFHL 311	ARTICULATED: College has course(s) for articulati ARTICULATED: College has course(s) for articulati QUARTERS OF MUSIC 17A-C Survey of Music History and Literature (Greek Antiquity to 1750) Survey of Music History and Literature (1750 to Present)	<pre>not on not on (3) (3)</pre>
MUSIC	17C  24A	Musicianship Intermediate Musicianship STUDENTS MAY PASS OU THROUGH EXAMINATION	(2) <b>T OF O</b> (3)	Submitted NO COURSE Submitted NE OR MORE MUFHL 310	ARTICULATED: College has course(s) for articulati ARTICULATED: College has course(s) for articulati QUARTERS OF MUSIC 17A-C Survey of Music History and Literature (Greek Antiquity to 1750) Survey of Music History and Literature (1750 to Present) Survey of Music	<pre>not on not on (3)</pre>
MUSIC	17C  24A	Musicianship Intermediate Musicianship STUDENTS MAY PASS OU THROUGH EXAMINATION Intro Music History	(2) <b>T OF O</b> (3)	Submitted NO COURSE Submitted NE OR MORE MUFHL 310 MUFHL 311	ARTICULATED: College has course(s) for articulati ARTICULATED: College has course(s) for articulati QUARTERS OF MUSIC 17A-C Survey of Music History and Literature (Greek Antiquity to 1750) Survey of Music History and Literature (1750 to Present) Survey of Music History and	<pre>not on not on (3) (3)</pre>
MUSIC	17C  24A	Musicianship Intermediate Musicianship STUDENTS MAY PASS OU THROUGH EXAMINATION Intro Music History	(2) <b>T OF O</b> (3)	Submitted NO COURSE Submitted NE OR MORE MUFHL 310 MUFHL 311	ARTICULATED: College has course(s) for articulati ARTICULATED: College has course(s) for articulati QUARTERS OF MUSIC 17A-C Survey of Music History and Literature (Greek Antiquity to 1750) Survey of Music History and Literature (1750 to Present) Survey of Music History and Literature (Greek	<pre>not on not on (3) (3)</pre>
MUSIC	17C  24A	Musicianship Intermediate Musicianship STUDENTS MAY PASS OU THROUGH EXAMINATION Intro Music History	(2) <b>T OF O</b> (3)	Submitted NO COURSE Submitted NE OR MORE MUFHL 310 MUFHL 311 MUFHL 311	ARTICULATED: College has course(s) for articulati ARTICULATED: College has course(s) for articulati QUARTERS OF MUSIC 17A-C Survey of Music History and Literature (Greek Antiquity to 1750) Survey of Music History and Literature (1750 to Present) Survey of Music History and	<pre>not on not on (3) (3)</pre>
MUSIC	17C  24A	Musicianship Intermediate Musicianship STUDENTS MAY PASS OU THROUGH EXAMINATION Intro Music History	(2) <b>T OF O</b> (3)	Submitted NO COURSE Submitted NE OR MORE MUFHL 310 MUFHL 311 MUFHL 311 MUFHL 310	ARTICULATED: College has course(s) for articulati ARTICULATED: College has course(s) for articulati QUARTERS OF MUSIC 17A-C Survey of Music History and Literature (Greek Antiquity to 1750) Survey of Music History and Literature (1750 to Present) Survey of Music History and Literature (Greek Antiquity to 1750)	<pre>(3) (3) (3)</pre>
MUSIC	17C  24A	Musicianship Intermediate Musicianship STUDENTS MAY PASS OU THROUGH EXAMINATION Intro Music History	(2) <b>T OF O</b> (3)	Submitted NO COURSE Submitted NE OR MORE MUFHL 310 MUFHL 311 MUFHL 311	ARTICULATED: College has course(s) for articulati ARTICULATED: College has course(s) for articulati QUARTERS OF MUSIC 17A-C Survey of Music History and Literature (Greek Antiquity to 1750) Survey of Music History and Literature (1750 to Present) Survey of Music History and Literature (Greek Antiquity to 1750) Survey of Music	<pre>not on not on (3) (3)</pre>
MUSIC	17C  24A	Musicianship Intermediate Musicianship STUDENTS MAY PASS OU THROUGH EXAMINATION Intro Music History	(2) <b>T OF O</b> (3)	Submitted NO COURSE Submitted NE OR MORE MUFHL 310 MUFHL 311 MUFHL 311 MUFHL 310	ARTICULATED: College has course(s) for articulati ARTICULATED: College has course(s) for articulati QUARTERS OF MUSIC 17A-C Survey of Music History and Literature (Greek Antiquity to 1750) Survey of Music History and Literature (1750 to Present) Survey of Music History and Literature (Greek Antiquity to 1750) Survey of Music History and Literature (Greek Antiquity to 1750) Survey of Music History and	<pre>(3) (3) (3)</pre>
MUSIC	17C  24A	Musicianship Intermediate Musicianship STUDENTS MAY PASS OU THROUGH EXAMINATION Intro Music History	(2) <b>T OF O</b> (3)	Submitted NO COURSE Submitted NE OR MORE MUFHL 310 MUFHL 311 MUFHL 311 MUFHL 310	ARTICULATED: College has course(s) for articulati ARTICULATED: College has course(s) for articulati QUARTERS OF MUSIC 17A-C Survey of Music History and Literature (Greek Antiquity to 1750) Survey of Music History and Literature (1750 to Present) Survey of Music History and Literature (Greek Antiquity to 1750) Survey of Music History and Literature (Greek Antiquity to 1750) Survey of Music History and Literature (1750 to	<pre>(3) (3) (3)</pre>
MUSIC	17C 24A 24B	Musicianship Intermediate Musicianship STUDENTS MAY PASS OU THROUGH EXAMINATION Intro Music History	(2) <b>T OF O</b> (3)	Submitted NO COURSE Submitted NE OR MORE MUFHL 310 MUFHL 311 MUFHL 311 MUFHL 310 MUFHL 311	ARTICULATED: College has course(s) for articulati ARTICULATED: College has course(s) for articulati QUARTERS OF MUSIC 17A-C Survey of Music History and Literature (Greek Antiquity to 1750) Survey of Music History and Literature (1750 to Present) Survey of Music History and Literature (Greek Antiquity to 1750) Survey of Music History and Literature (Greek Antiquity to 1750) Survey of Music History and Literature (1750 to Present)	<pre>(3) (3) (3)</pre>

## ====Native American Studies A.B.====

# Special Advising Note:

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# Transfer Admission Guarantee (TAG) Note:

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Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

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## College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <a href="http://llc.ucdavis.edu/foreign-language-placement-exams">http://llc.ucdavis.edu/foreign-language-placement-exams</a> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

n a std 1	Intro NA Studies	(4)		ARTICULATED: College has not course(s) for articulation
N A STD 10	NA Experience	(4)	NO COURSE	ARTICULATED: College has not course(s) for articulation
	OR			OR
n a std 12	Native Amer/Indigenous	(4)	NO COURSE	ARTICULATED: College has not
	Film		submitted	course(s)for articulation

### ONE OR TWO COURSES FROM:

Ν	А	STD	5	Intro NA Literature	(4)	NO COURSE	ARTICULATED: College has not
						submitted	course(s) for articulation
Ν	А	STD	12	Native Amer/Indigenous	(4)	NO COURSE	ARTICULATED: College has not
				Film		submitted	course(s)for articulation
Ν	А	STD	32	NA Music & Dance	(4)	NO COURSE	ARTICULATED: College has not
						submitted	course(s) for articulation
Ν	А	STD	33	Intro NA Art	(4)	NO COURSE	ARTICULATED: College has not

N A STD 34NA Art Workshop|submitted course(s) for articulation(4) NO COURSE ARTICULATED: College has not<br/>|submitted course(s) for articulation

#### ONE OR TWO COURSES FROM:

AF-AMST 12	Intro Afro Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AF-AMST 52	Afr Tradit Relig	(4)	NO COURSE ARTICULATED: College has not
		( = )	submitted course(s) for articulation
ANTHRO 2 C	Cultural Anthropology	(5)	ANTH 310 Cultural Anthropology (3)
ANTHRO 20	Comparative Cultures		NO COURSE ARTICULATED: College has not
	-		submitted course(s) for articulation
ANTHRO 24	Ancient Crops and People	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
A A STD 1	Hist Exp Asian Am	(4)	NO COMPARABLE COURSE
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)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
CHICANO 21	Hlth Care Issues	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
CHICANO 23	Qualitative Research	(4)	NO COURSE ARTICULATED: College has not
	Methods		submitted course(s) for articulation
COMPLIT 25	Ethnic Writers		NO COMPARABLE COURSE
CM&RGDE 2	Ethnicity Amer Comm	(4)	NO COURSE ARTICULATED: College has not
		( <b>a</b> )	submitted course(s) for articulation
ENV S&P 10	Current Issues in	(3)	BIOL 350 Environmental Biology (3)
	Environment		Same as: ENVT 304
	-		ents who have completed ENV S&P 1
HISTORY 7A	Latin America to 1700	(4)	NO COURSE ARTICULATED: College has not
	Latin America 1700 1000	(1)	submitted course(s) for articulation
HISTORY 7B	Latin America 1700-1900	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HISTORY 7C	Latin America	(1)	NO COURSE ARTICULATED: College has not
HISIORI /C	1900-Present	(4)	submitted course(s) for articulation
HISTORY 17A	U.S. History	(1)	HIST 310 History of the United (3)
HISIOKI I/A	U.S. HISCOLY	(=)	States
			OR
			HIST 312 History of the United (3)
			States (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.

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END OF MAJOR

#### ====Neurobiology, Physiology and Behavior B.S.====

### Special Advising Note:

The following majors in the College of the Biological Sciences--biochemistry and molecular biology; biological sciences; cell biology; evolution, ecology, and biodiversity; genetics and genomics; marine and coastal science (marine ecology & organismal biology); microbiology; neurobiology, physiology, and behavior; and plant biology--are selective and require preparatory coursework for admission. Any required courses that are offered at your current campus must be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses are not offered at your college, you must complete them after enrolling at UC Davis.

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

#### REQUIREMENTS FOR ADMISSION:

(for 2019-20)

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.50 for each of the three course groups. It is recommended that candidates have already achieved the minimum required GPAs for the courses in the groups below that have been completed by the time of application and maintain them through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

Mathematics 17A/B/C <u>or</u> 21A/B Chemistry 2A/B/C Biological Sciences 2A/B/C

It is also <u>strongly recommended</u> that transfer students complete courses comparable to the following UC Davis courses. Completion of these courses will help you move more efficiently toward graduation. Courses should be taken for a letter grade, with no grade less than C:

> Organic Chemistry series cited on ASSIST for your major* Physics 7A/B/C or the physics series cited on ASSIST for your intended College of Biological Sciences major (especially useful for Neurobiology, Physiology and Behavior majors).

* Students planning for the major biochemistry and molecular biology should complete Organic Chemistry 118A/B/C rather than 8A/B. Students planning for the major marine and coastal science (marine ecology & organismal biology) should complete Organic Chemistry 8A/B; however, students may substitute Chemistry 118A/B/C.

Transfer students must also meet UC transfer admission requirements. UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. See the <u>UC Transfer</u> <u>Admission webpage</u>. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

#### Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <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 General Catalog . Quick reference charts for AP and IB are also available from our TAG website. ______ BIOLSCI 2A Intro Biology:Life on (5) BIOL 400 Principles of Biology (5) Earth BIOLSCI 2B Intro Biology: Ecology (5) BIOL 410 & Principles of Botany (5) & Evolution|BIOL 420Principles of Zoology (5)BIOLSCI 2CIntro Biology:(5)BIOL 410 & Principles of Botany (5) Biodiversity & the Tree |BIOL 420 Principles of Zoology (5) of Life _____ CHEM 2AGenl Chemistry(5)CHEM 400General Chemistry(5)CHEM 2BGenl Chemistry(5)CHEM 400&General Chemistry(5)CHEM 2CGenl Chemistry(5)CHEM 401General Chemistry(5)CHEM 2CGenl Chemistry(5)CHEM 401General Chemistry(5) _____ CHEM 8AOrganic Chem-Brief(2) | NO COMPARABLE COURSECHEM 8BOrganic Chem-Brief(4) | NO COMPARABLE COURSE OR OR CHEM 118A Org Chem, Hlth & Sci (4) CHEM 420 Organic Chemistry CHEM 118B Org Chem, Hlth & Sci (4) CHEM 420 <u>&</u> Organic Chemistry CHEM 421 Organic Chemistry (5) (5) CHEM 118C Org Chem, Hlth & Sci (4) CHEM 421 Organic Chemistry (5) CHEM 118C Org Chem, Hlth & Sci (4) CHEM 421 Organic Chemistry (5) _____ MATH 17A Calculus for BioSci (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation MATH 17B Calculus for Biosci (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation MATH 17C Calculus for BioSci (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation OR OR (4) MATH 400 Calculus I MATH 21A Calculus (5) (4) MATH 401 Calculus II MATH 21B Calculus (5) _____ PHYSICS 7A General Physics (4) PHYS 350 & General Physics (4) PHYS 360 General Physics (4) PHYSICS 7B General Physics (4) PHYS 350 & General Physics (4) PHYS 360 General Physics (4) PHYSICS 7CGeneral Physics(4) PHYS 350 & General PhysicsPHYS 360General Physics (4) (4)

It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

END OF MAJOR

#### ====Nutrition Science B.S.====

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Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is

<u>highly recommended</u> that students complete a series in general chemistry and a series in organic chemistry before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <u>transfer admission website</u>. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment.

#### Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> for details regarding UC Davis TAG.

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Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

## College of Agricultural and Environmental Sciences (A&ES) General Education (GE) English Composition Requirement for the Bachelor's Degree:

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The College of A&ES English Composition requirement for the Bachelor's degree is an element of the UC Davis General Education (GE) pattern. This GE requirement may be satisfied by completing either two courses emphasizing written expression OR one course emphasizing written expression and one course emphasizing oral expression, with a grade of C- (or P) or better. The following UC Davis lower-division courses are among those that have been approved to satisfy this requirement: English 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (emphasis in either writing or speaking skills). The English Composition requirement may also be met by achieving a score of 4 or 5 on the Advanced Placement (AP) English examination PLUS completing any previously listed course, EXCEPT English 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC transfer students who have successfully completed the IGETC lower-division coursework are exempt from all GE requirements that may be met with lower-division courses. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer admission. See the 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. _____ BIOLSCI 2A Intro Biology:Life on (5) BIOL 400 Principles of Biology (5) Earth BIOLSCI 2B Intro Biology: Ecology (5) BIOL 410 & Principles of Botany (5) & EvolutionBIOL 420Principles of Zoology (5)BIOLSCI 2CIntro Biology:(5)BIOL 410 & Principles of Botany (5) Biodiversity & the Tree BIOL 420 Principles of Zoology (5) of Life | of Life _____ CHEM 2A Genl Chemistry CHEM 2B Genl Chemistry (5) CHEM 400 General Chemistry (5) (5)|CHEM 400 隆 General Chemistry (5) CHEM 2C Genl Chemistry (5) CHEM 401 General Chemistry General Chemistry (5) (5) ______ CHEM 8AOrganic Chem-Brief(2) | NO COMPARABLE COURSECHEM 8BOrganic Chem-Brief(4) | NO COMPARABLE COURSE OR OR CHEM 118A Org Chem, Hlth & Sci (4) CHEM 420 Organic Chemistry (5) CHEM 118B Org Chem, Hlth & Sci (4) CHEM 420 & Organic Chemistry (5) CHEM 421 Organic Chemistry OR (5) OR CHEM 128AOrganic Chemistry(3)CHEM 420Organic Chemistry(5)CHEM 128BOrganic Chemistry(3)CHEM 420**&**Organic Chemistry(5)CHEM 129AOrganic Chem Lab(2)CHEM 420Organic Chemistry(5) CHEM 129A Organic Chem Lab _____ NUTR 10 Discoveries and Concepts (3) NUTRI 300 Nutrition (3) _____ (4)|PSYC 335 Research Methods in | Psychology PSYCH 41 Research Methods (3) OR OR SOCIOL 46A Intro Social Rsch (4) NO COMPARABLE COURSE _____

The remaining preparatory subject matter is based on which major option you choose:

#### NUTRITIONAL BIOLOGY OPTION:

ANTHRO 2	Cultural Anthropology <b>OR</b>	(5) ANTH 310 	Cultural Anthropology <b>OR</b>	(3)
PSYCH 1	General Psychology <b>OR</b>	(4) PSYC 300	General Principles <b>OR</b>	(3)
SOCIOL 1	Intro Sociology <b>OR</b>	(5) SOC 300	Introductory Sociology <b>OR</b>	(3)
SOCIOL 3	Social Problems	(4) SOC 301	Social Problems	(3)
MATH 16A	Short Calculus	(3)   MATH 400	Calculus I	(5)
MATH 16B	Short Calculus	(3) MATH 401	Calculus II	(5)
PHYSICS 1A	Principles Physics	(3) PHYS 350	General Physics	(4)
PHYSICS 1B	Principles Physics	(3) PHYS 360	General Physics	(4)

	NUTRITION IN	PUBL	IC HEALTH (	OPTION:	
ANTHRO 2	Cultural Anthropology <b>OR</b>	(5)	ANTH 310 	Cultural Anthropology <b>OR</b>	(3)
SOCIOL 1	Intro Sociology <b>OR</b>		SOC 300	OR	(3)
SOCIOL 3	Social Problems	(4)	SOC 301	Social Problems	(3)
ECON 1A	Princ of Microecon	(4)	ECON 304 	Principles of Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 302	Principles of Macroeconomics	(3)
PSYCH 1	General Psychology	(4)	PSYC 300	General Principles	(3)
Agricultura	IVISION ELECTIVES BY AREA al and Health Policy Area: Pop,Envr,World Agri	-	NO COURSE	ON IN PUBLIC HEALTH OPTIC ARTICULATED: College has course(s) for articulati	not
Cultural D	iversity and Community Cha	nge A	 rea:		
AMR STD 55		-		ARTICULATED: College has	not
Same as	: FD S&T 55		submitted	course(s) for articulati	on
CM&RGDE 2	Ethnicity Amer Comm	(4)		ARTICULATED: College has course(s) for articulati	
INT AG 10	Intro Intl Ag Development	(4)	1	ABLE COURSE	
Natural and	d Applied Sciences Area:				
	Food Systems	(4)	1	ARTICULATED: College has course(s) for articulation	
PHILOS 15	Intro to Bioethics	(4)	1	ARTICULATED: College has course(s) for articulati	
SCI&SOC 2 END OF MAJO	Feeding the Planet DR	(3)	NO COMPARI	ABLE COURSE	

#### ====Pharmaceutical Chemistry B.S.====

## Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is <u>highly recommended</u> that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. See the U<u>C Transfer Admission website</u> for details. UC Davis requires that students complete the minimum transfer admission requirement by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

### Special Advising Note for future applicants:*

Beginning fall 2020, the major pharmaceutical chemistry will become selective and will require preparatory coursework for admission. Any required courses that are offered at your current campus will need to be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses will not be offered at your college, you must complete them after enrolling at UC Davis.

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Transfer students must earn an overall GPA of 2.80 or higher to be competitive candidates for admission to this major (3.20 or higher for TAG applicants).

Strive to achieve your highest possible GPA in order to be most competitive. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 3.00 for the selective major course group. It is recommended that candidates have a cumulative GPA of at least 3.00 for the group of courses below that have been completed at the time of application and through the transfer academic update filing period. Whether planning for the general application or TAG process, courses must be taken for a letter grade, with no grade less than C. (Advanced Placement (AP) or International Baccaulaureate (IB) Higher Level examinations may satisfy UC course equivalents).

-Chemistry 2A/B/C or Chemistry 2AH/BH/CH -Chemistry 118 A/B/C or Chemistry 128A/B/C, 129A/B/C -Mathematics 21A/B/C/D -Mathematics 16A/B/C or Mathematics 17A/B/C or Mathematics 21A/B/C

We strongly recommend that you complete courses comparable to the following UC Davis courses with C or better grades before matriculating to UC Davis. Completion of these courses will help you move more efficiently toward graduation:

-Physics 7A/B/C or Physics 9A/B/C -Biological Sciences 2A -Biological Sciences 2B or 2C -Statistics 13 or 32

*Information for future applicants is subject to change

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#### Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

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Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

#### Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

CHEM 2A	Genl Chemistry	(5) CHEM 400 General Chemistry (5)
CHEM 2B	Genl Chemistry	(5) CHEM 400 <b>&amp;</b> General Chemistry (5)
		CHEM 401 General Chemistry (5)
CHEM 2C	Genl Chemistry	(5) CHEM 401 General Chemistry (5)
	OR	OR

CHEM 2AH	Honors Genl Chemistry	(5) NO 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 350 & General Physics (4	4)
		PHYS 360 General Physics (4	1)
PHYSICS 7B	General Physics	(4) PHYS 350 & General Physics (4	1)
		PHYS 360 General Physics (4	1)
PHYSICS 7C	General Physics	(4) PHYS 350 & General Physics (4	4)
	-	PHYS 360 General Physics (4	4)

It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

Pii/0100.	OR		OR
PHYSICS 9A		(5)	PHYS 411 Mechanics of Solids (4) and Fluids
PHYSICS 9B	Classical Physics	(5)	PHYS 431Heat, Waves, Light and (4)Modern Physics
PHYSICS 9C	Classical Physics	(5)	PHYS 421Electricity and(4)Magnetism
MATH 16A	Short Calculus	(3)	MATH 400 Calculus I (5)
MATH 16B	Short Calculus	(3)	MATH 401 Calculus II (5)
MATH 16C	Short Calculus <b>OR</b>	(3)	MATH 401 Calculus II (5)   OR
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	OR		OR
MATH 21A	Calculus	(4)	MATH 400 Calculus I (5)
MATH 21B	Calculus		MATH 401 Calculus II (5)
MATH 21C	Calculus		MATH 402 Calculus III (5)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 400 Principles of Biology (5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution		BIOL 410 & Principles of Botany (5) BIOL 420 Principles of Zoology (5)
BIOLSCI 2C			BIOL 410 & Principles of Botany (5)
	Biodiversity & the Tree of Life		BIOL 420 Principles of Zoology (5)
	Elementary Statistics STATIST 13Y	(4)	Probability and Statistics
	OR		OR         PSYC 330       Introductory       (3)         Statistics for the         Behavioral Sciences         OR
STATIST 32		(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
 CHEM 118A	Org Chem, Hlth & Sci	( <u>4</u> )	CHEM 420 Organic Chemistry (5)
CHEM 118A CHEM 118B	Org Chem, Hlth & Sci		CHEM 420 & Organic Chemistry (5)
	,	( - /	CHEM 421 Organic Chemistry (5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 421 Organic Chemistry (5)
	OR	. ,	OR OR

CHEM 128A	Organic Chemistry	(3) CHEM 42	0	Organic Chemistry	(5)
CHEM 128B	Organic Chemistry	(3) CHEM 42	<u>&amp;</u> 0	Organic Chemistry	(5)
		CHEM 42	1	Organic Chemistry	(5)
CHEM 128C	Organic Chemistry	(3) CHEM 42	1	Organic Chemistry	(5)
CHEM 129A	Organic Chem Lab	(2) CHEM 42	0	Organic Chemistry	(5)
CHEM 129B	Organic Chem Lab	(2) CHEM 42	<u>&amp;</u> 0	Organic Chemistry	(5)
		CHEM 42	1	Organic Chemistry	(5)
CHEM 129C	Organic Chem Lab	(2)   CHEM 42	1	Organic Chemistry	(5)

END OF MAJOR

#### ====Philosophy A.B.====

#### Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis transfer admission website. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

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#### Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG. _____

#### Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

## College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See http://llc.ucdavis.edu/foreign-language-placement-exams and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information. _____

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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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#### AND ONE COURSE FROM ANY THREE OF THE FOLLOWING AREAS

## a. <u>GENERAL PHILOSOPHY</u>

PHILOS 1	Intro to Philos	(4) PHIL 300 	Introduction to Philosophy	(3)
		OR		
		PHIL 350	Philosophy of Religion	(3)

## b. ANCIENT PHILOSOPHY

PHILOS 21	Phil Classics: Ancient	(4) PHIL 330	History of Classical	(3)
			Philosophy	

### c. EARLY MODERN PHILOSOPHY

PHILOS 22	Phil Classics: Modern	(4) PHIL 331	History of Modern	(3)
			Philosophy	

## d. PHILOSOPHY OF MIND

PHILOS 13G	Minds, Brains Comp	(4) NO COURSE ARTICULATED:College has not
	w/Disc	submitted course(s)for articulation

## e. ETHICS:

e) PHILOS 14	Eth Soc Prob in Soc	(4)	PHIL 310	Introduction to Ethics (3)
	OR			OR
PHILOS 15	Intro to Bioethics	(4)	NO COURSE	ARTICULATED: College has not
			submitted	course(s) for articulation
	OR			OR
PHILOS 24	Intro to Ethics	(4)	PHIL 310	Introduction to Ethics (3)

## f. PHILOSOPHY OF SCIENCE

PHILOS 30	Intro Philos of Sci	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
	OR		OR
PHILOS 31	Scientific Reason	(4)	NO COMPARABLE COURSE
	OR		OR
PHILOS 32	Scientific Change	(4)	NO COMPARABLE COURSE
	OR		OR
PHILOS 38	Intro Philos of Biol	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
g. PHILOSOPHY OF LANGUAGE			

PHILOS 17	Language,	Thought	&			ARTICULATED:	-	
	World				submitted	course(s) fo	r articula	ation
			P	RE-LAW E	MPHASIS			
		ONE COL	TRSE	FROM TH	TE FOLLOWT	NG:		

#### ONE COURSE FROM THE FOLLOWING:

e) PHILOS 14 Eth Soc Prob in Soc (4) PHIL 310 Introduction to Ethics (3)

PHILOS 15	Intro to Bioethics	(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PHILOS 16	Democ	(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
		OLLOWING COURSES:
d) PHILOS 5	Critical Reasoning	(4) PHIL 320 Logic and Critical (3) Reasoning
PHILOS 12	Intro to Symbol Logic	(4) PHIL 320 Logic and Critical (3) Reasoning
PHILOS 24	Intro to Ethics	(4) PHIL 310 Introduction to Ethics (3)
	PRE-M	NED EMPHASIS:
	ONE COURSE FR	COM THE FOLLOWING:
PHILOS 24	Intro to Ethics	(4) PHIL 310 Introduction to Ethics (3)
PHILOS 30	Intro Philos of Sci	(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PHILOS 31	Scientific Reason	(4) NO COMPARABLE COURSE
PHILOS 32	Scientific Change	(4) NO COMPARABLE COURSE
	ALL OF THE F	OLLOWING COURSES:
PHILOS 12	Intro to Symbol Logic	(4) PHIL 320 Logic and Critical (3) Reasoning
PHILOS 15	Intro to Bioethics	(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PHILOS 38	Intro Philos of Biol	(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
END OF MAJOR		

- e) Students who complete PHIL 310 at Folsom Lake College will receive credit at UC Davis for PHILOS 14 or 24, not both
- d) Students who complete PHIL 320 at Folsom Lake College will receive credit at UC Davis for PHIL 5 or PHIL 12, not both

### ====Physics A.B.====

#### Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <u>transfer admission website</u>. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

#### Special Advising Note for future applicants:*

Beginning fall 2020, the major physics will become selective and will require preparatory coursework for admission. Any required courses that are offered at your current campus will need to be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses will not be offered at your college, you must complete them after enrolling at UC Davis.

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Transfer students must earn an overall GPA of 2.80 or higher to be competitive candidates for admission to this major (3.20 or higher for TAG applicants).

Strive to achieve your highest possible GPA in order to be most competitive. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 3.00 for the selective major course group. It is recommended that candidates have a cumulative GPA of at least 3.00 for the group of courses below that have been completed at the time of application and through the transfer academic update filing period. Whether planning for the general application or TAG process, courses must be taken for a letter grade, with no grade less than C. (Advanced Placement (AP) or International Baccaulaureate (IB) Higher Level examinations may satisfy UC course equivalents).

-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.

## College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <a href="http://llc.ucdavis.edu/foreign-language-placement-exams">http://llc.ucdavis.edu/foreign-language-placement-exams</a> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

**AP and** IB examination credit policies are detailed in the UC Davis 2018-19 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

			· —
PHYSICS 9A	Classical Physics	(5) PHYS 411 Mechanics of Solids (4 and Fluids	)
PHYSICS 9B	Classical Physics	(5) PHYS 431 Heat, Waves, Light and (4	F)
		Modern Physics	
PHYSICS 9C	Classical Physics	(5) PHYS 421 Electricity and (4	Ł)
		Magnetism	
PHYSICS 9D	Modern Physics	(4) NO COMPARABLE COURSE	
	OR	OR	
	OR	UR UR	

PHYSICS 9HA	Honors Physics	(5)		ARTICULATED: College has course(s) for articulation	
PHYSICS 9HB	Honors Physics	(5)	NO COURSE	ARTICULATED: College has course(s) for articulatic	not
PHYSICS 9HC	Honors Physics	(5)	NO COURSE	ARTICULATED: College has course(s) for articulation	not
PHYSICS 9HD	Honors Physics	(5)	NO COURSE	ARTICULATED: College has course(s) for articulation	not
PHYSICS 9HE	Honors Physics	(5)	NO COURSE	ARTICULATED: College has course(s) for articulation	not
MATH 21A	Calculus	(4)	MATH 400	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 401	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 402	Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH 402	Calculus III	(5)
MATH 22A	Linear Algebra	(3)	MATH 410 	Introduction to Linear Algebra	(3)
MATH 22B	Differntl Equations	(3)	MATH 420	Differential Equations	(4)
PHYSICS 80	Experimental Techniques	(4)	NO COURSE 	ARTICULATED	

END OF MAJOR

====Physics B.S.====

#### Special Advising Note:

Transfer students are strongy advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is highy recommended that students complete a calculus-based physics series, a calculus series through linear algebra and differential equations, and a formal course in C programming before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree. As a result, students who expect to graduate in two years will need the recommended courses upon entry.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <u>transfer admission website</u>. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

## Special Advising Note for future applicants:*

Beginning fall 2020, the major physics will become selective and will require preparatory coursework for admission. Any required courses that are offered at your current campus will need to be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses will not be offered at your college, you must complete them after enrolling at UC Davis.

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Transfer students must earn an overall GPA of 2.80 or higher to be competitive candidates for admission to this major (3.20 or higher for TAG applicants).

Strive to achieve your highest possible GPA in order to be most competitive. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 3.00 for the selective major course group. It is recommended that candidates have a cumulative GPA of at least 3.00 for the group of courses below that have been completed at the time of application and through the transfer academic update filing period. Whether planning for the general application or TAG process, courses must be taken for a letter grade, with no grade less than C. (Advanced Placement (AP) or International Baccaulaureate (IB) Higher Level examinations may satisfy UC course equivalents). -Physics 9A/B/C/D or Physics 9HA/HB/HC/HD/HE -Mathematics 21A/B/C/D -Mathematics 22A/B

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 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

PHYSICS 9A	Classical Physics	(5)	PHYS 411	Mechanics of Solids (4) and Fluids
PHYSICS 9B	Classical Physics	(5)	PHYS 431	
PHYSICS 9C	Classical Physics	(5)	PHYS 421	Electricity and (4) Magnetism
PHYSICS 9D	Modern Physics <b>OR</b>	(4)	NO COMPAR	ABLE COURSE OR
PHYSICS 9HA	Honors Physics	(5)		ARTICULATED: College has not course(s) for articulation
PHYSICS 9HB	Honors Physics	(5)	NO COURSE	ARTICULATED: College has not course(s) for articulation
PHYSICS 9HC	Honors Physics	(5)	NO COURSE	ARTICULATED: College has not course(s) for articulation
PHYSICS 9HD	Honors Physics	(5)	NO COURSE	ARTICULATED: College has not course(s) for articulation
PHYSICS 9HE	Honors Physics	(5)	NO COURSE	ARTICULATED: College has not course(s) for articulation
MATH 21A	Calculus	(4)	MATH 400	Calculus I (5)
MATH 21B	Calculus	(4)	MATH 401	Calculus II (5)
MATH 21C	Calculus	(4)	MATH 402	Calculus III (5)
MATH 21D	Vector Analysis	(4)	MATH 402	Calculus III (5)
MATH 22A	Linear Algebra	(3)	MATH 410 	Introduction to Linear (3) Algebra
MATH 22B	Differntl Equations	(3)	MATH 420	Differential Equations (4)
PHYSICS 40	Intr Physics Computation	(4)	NO COURSE	ARTICULATED

PHYSICS 80 Experimental Techniques (4) NO COURSE ARTICULATED

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#### ASTROPHYSICS EMPHASIS

Preparatory subject matter for the B.S. Astrophyics Emphasis is the same as that listed above. In addition, the following course is RECOMMENDED but not required:

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ASTRON 25	Intro to Modern	(4)   NO	COMPARABLE	COURSE	
	Astronomy & Astrophy				

END OF MAJOR

#### ====Plant Biology A.B.====

#### Special Advising Note:

The following majors in the College of the Biological Sciences--biochemistry and molecular biology; biological sciences; cell biology; evolution, ecology, and biodiversity; genetics and genomics; marine and coastal science (marine ecology & organismal biology); microbiology; neurobiology, physiology, and behavior; and plant biology--are selective and require preparatory coursework for admission. Any required courses that are offered at your current campus must be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses are not offered at your college, you must complete them after enrolling at UC Davis.

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

#### REQUIREMENTS FOR ADMISSION:

#### (for 2019-20)

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.50 for each of the three course groups. It is recommended that candidates have already achieved the minimum required GPAs for the courses in the groups below that have been completed by the time of application and maintain them through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

Mathematics 17A/B/C or 21A/B Chemistry 2A/B/C Biological Sciences 2A/B/C

It is also <u>strongly recommended</u> that transfer students complete courses comparable to the following UC Davis courses. Completion of these courses will help you move more efficiently toward graduation. Courses should be taken for a letter grade, with no grade less than C:

Organic Chemistry series cited on ASSIST for your major* Physics 7A/B/C or the physics series cited on ASSIST for your intended College of Biological Sciences major (especially useful for Neurobiology, Physiology and Behavior majors).

* Students planning for the major biochemistry and molecular biology should complete Organic Chemistry 118A/B/C rather than 8A/B. Students planning for the major marine and coastal science (marine ecology & organismal biology) should complete Organic Chemistry 8A/B; however, students may substitute Chemistry 118A/B/C.

Transfer students must also meet UC transfer admission requirements. UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. See the <u>UC Transfer</u> <u>Admission webpage</u>. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

#### Special Note for Transfer Students Considering an A.B. Degree in this Major:

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Applicants to majors in the College of Biological Sciences apply to the major, without reference to A.B. or B.S. degrees, which are chosen after enrollment at UC Davis. All majors currently offered in the College of Biological Sciences are selective for purposes of admission; therefore, <u>in order to be considered</u> for admission in this selective major, transfer students who plan to pursue the A.B. degree MUST also complete Chemistry 2C and additional courses in math. At a minimum, for admission students MUST complete courses comparable to UC Davis's Biological Sciences 2A/B/C; Mathematics 17A/B/C or 21A/B; and Chemistry 2A/B/C. See the 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 http://tag.ucdavis.edu for details regarding UC Davis TAG.

## Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

#### College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <a href="http://llc.ucdavis.edu/foreign-language-placement-exams">http://llc.ucdavis.edu/foreign-language-placement-exams</a> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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#### Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

**AP and** IB examination credit policies are detailed in the UC Davis 2018-19 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

BIOLSCI 2A	Intro Biology:Life on Earth	(5) BIOL 400	Principles of Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution		Principles of Botany Principles of Zoology	(5) (5)
BIOLSCI 2C	Intro Biology:		Principles of Botany	(5)

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Biodiversity & the Tree of Life		BIOL 420 	Principles of Zoology	(5)
CHEM 2A Genl Chemistry CHEM 2B Genl Chemistry CHEM 8A Organic Chem-Brief CHEM 8B Organic Chem-Brief	(5)	СНЕМ 400 &		(5) (5) (5)
STATIST 13 Elementary Statistics Same as: STATIST 13Y	(4)		Introduction to Probability and Statistics	(4)
		<u>OR</u>  PSYC 330   	Introductory Statistics for the Behavioral Sciences	(3)

#### **RECOMMENDED COURSES:**

CHEM 2C	Genl Chemistry	(5) CHEM 401	General Chemistry	(5)

END OF MAJOR

#### ====Plant Biology B.S.====

#### Special Advising Note:

The following majors in the College of the Biological Sciences--biochemistry and molecular biology; biological sciences; cell biology; evolution, ecology, and biodiversity; genetics and genomics; marine and coastal science (marine ecology & organismal biology); microbiology; neurobiology, physiology, and behavior; and plant biology--are selective and require preparatory coursework for admission. Any required courses that are offered at your current campus must be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses are not offered at your college, you must complete them after enrolling at UC Davis.

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

#### REQUIREMENTS FOR ADMISSION:

#### (for 2019-20)

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.50 for each of the three course groups. It is recommended that candidates have already achieved the minimum required GPAs for the courses in the groups below that have been completed by the time of application and maintain them through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

Mathematics 17A/B/C <u>or</u> 21A/B Chemistry 2A/B/C Biological Sciences 2A/B/C

It is also <u>strongly recommended</u> that transfer students complete courses comparable to the following UC Davis courses. Completion of these courses will help you move more efficiently toward graduation. Courses should be taken for a letter grade, with no grade less than C: Organic Chemistry series cited on ASSIST for your major* Physics 7A/B/C or the physics series cited on ASSIST for your intended College of Biological Sciences major (especially useful for Neurobiology, Physiology and Behavior majors).

* Students planning for the major biochemistry and molecular biology should complete Organic Chemistry 118A/B/C rather than 8A/B. Students planning for the major marine and coastal science (marine ecology & organismal biology) should complete Organic Chemistry 8A/B; however, students may substitute Chemistry 118A/B/C.

Transfer students must also meet UC transfer admission requirements. UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. See the <u>UC Transfer</u> <u>Admission webpage</u>. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

**AP and** IB examination credit policies are detailed in the UC Davis 2018-19 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <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 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

BIOLSCI 2A Intro Biology:Life on Earth	(5) BIOL 400 Principles of Biology (5	)
BIOLSCI 2B Intro Biology: Ecology & Evolution	(5) BIOL 410 <u>&amp;</u> Principles of Botany (5 BIOL 420 Principles of Zoology (5	'
BIOLSCI 2C Intro Biology: Biodiversity & the Tree of Life	(5) BIOL 410 & Principles of Botany (5 e  BIOL 420 Principles of Zoology (5	'
CHEM 2A Genl Chemistry CHEM 2B Genl Chemistry	(5) CHEM 400General Chemistry(5)(5) CHEM 400&General Chemistry(5)CHEM 401General Chemistry(5)	)
CHEM 2C Genl Chemistry	(5) CHEM 401 General Chemistry (5	)

CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE
	OR		OR
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 420 Organic Chemistry (5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 420 & Organic Chemistry (5)
			CHEM 421 Organic Chemistry (5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 421 Organic Chemistry (5)
 МАТН 17А	Calculus for BioSci	( 1 )	NO COURSE ARTICULATED: College has not
MAIN 1/A	Calculus IOI BIOSCI	(4)	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 400 Calculus I (5)
MATH 21B	Calculus	(4)	MATH 401 Calculus II (5)
PHYSICS 7A	General Physics	(4)	PHYS 350 & General Physics (4)
11110100 /11	General mybreb	(1)	PHYS 360 General Physics (4)
PHYSICS 7B	General Physics	(4)	PHYS 350 & General Physics $(4)$
		( <i>- )</i>	PHYS 360 General Physics (4)
PHYSICS 7C	General Physics	(4)	PHYS 350 & General Physics (4)
	-		PHYS 360 General Physics (4)

It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

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#### **RECOMMENDED COURSES:**

MATH 21C Calculus	(4) MATH 402 Calculus III (5)
	submitted course(s) for articulation
BIOLSCI 20Q Modeling in Biology	(2) NO COURSE ARTICULATED: College has not

#### END OF MAJOR

#### ====Plant Sciences B.S.====

#### Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is <u>highly recommended</u> that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. See the UC Transfer Admission website for details. UC Davis requires that students complete the minimum transfer admission requirement by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

#### Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit

http://tag.ucdavis.edu for details regarding UC Davis TAG.

## Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

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Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

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## College of Agricultural and Environmental Sciences (A&ES) General Education (GE) English Composition Requirement for the Bachelor's Degree:

The College of A&ES English Composition requirement for the Bachelor's degree is an element of the UC Davis General Education (GE) pattern. This GE requirement may be satisfied by completing either two courses emphasizing written expression OR one course emphasizing written expression and one course emphasizing oral expression, with a grade of C- (or P) or better. The following UC Davis lower-division courses are among those that have been approved to satisfy this requirement: English 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (emphasis in either writing or speaking skills). The English Composition requirement may also be met by achieving a score of 4 or 5 on the Advanced Placement (AP) English examination PLUS completing any previously listed course, EXCEPT English 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC transfer students who have successfully completed the IGETC lower-division coursework are exempt from all GE requirements that may be met with lower-division courses. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer admission. See the U<u>C Transfer Admission website</u>. The courses used for the A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

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### Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

BIOLSCI 2A	Intro Biology:Life on	(5) BIOL 400	Principles of Biology	(5)
	Earth			
BIOLSCI 2B	Intro Biology: Ecology	(5) BIOL 410 <u>&amp;</u>	Principles of Botany	(5)

& Evolution	BIOL 420 Principles of Zoology (5)
PL SCI 2 Bot Physio Cul Plt (	4) NO COMPARABLE COURSE
	5) CHEM 400 General Chemistry (5) 5) CHEM 400 & General Chemistry (5) CHEM 401 General Chemistry (5)
CHEM 2C Genl Chemistry (	5) CHEM 401 General Chemistry (5)
_	2) NO COMPARABLE COURSE 4) NO COMPARABLE COURSE   OR
CHEM 118B Org Chem, Hlth & Sci (	4)       CHEM 420       Organic Chemistry       (5)         4)       CHEM 420       & Organic Chemistry       (5)         CHEM 421       Organic Chemistry       (5)         CHEM 421       Organic Chemistry       (5)
CHEM 118C Org Chem, Hlth & Sci (	4) CHEM 421 Organic Chemistry (5)
	3)   MATH 400 Calculus I (5) 3)   MATH 401 Calculus II (5) OR
	<ul> <li>4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation</li> <li>4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation</li> </ul>
	3) PHYS 350 General Physics (4) 3) PHYS 360 General Physics (4) OR
PHYSICS 7A General Physics (+	4) PHYS 350 & General Physics (4) PHYS 360 General Physics (4)
PHYSICS 7B General Physics (	4)PHYS 350 <b>&amp;</b> General Physics(4)PHYS 360General Physics(4)
PHYSICS 7C General Physics (4	4) PHYS 350 & General Physics (4) PHYS 360 General Physics (4)
It is highly recommended that students of their community college that is equivale series before transferring. Students who series may be required to take additionand Davis, and will need to meet with a UC of physics.	ent to the entire UC Davis Physics 7A/B/C o transfer without completing an entire al physics courses upon arrival at UC
ABIOSYT 49 Fld Equip Oper (1 OR	2) NO COMPARABLE COURSE   OR
	3) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
COURSES FOR THE CR	OP PRODUCTION OPTION:
ECON 1A Princ of Microecon (* OR	4) ECON 304 Principles of (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.==== Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree. Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <u>transfer admission website</u>. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

## Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

## College Foreign Language Requirement Note:

POL SCI 51 Scientific Study of

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Politics

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <a href="http://llc.ucdavis.edu/foreign-language-placement-exams">http://llc.ucdavis.edu/foreign-language-placement-exams</a> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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## Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

POL SCI 1	Amer Natl Govt	(4) POLS 301   	Introduction to Government: United States	(3)
	THREE COURSES	FROM THE FOLLOW	'ING:	
POL SCI 2	Intro Comp Politics	(4) POLS 302	Introduction to Government: Foreign	(3)
POL SCI 3	Internatl Relations	(4) POLS 310	Introduction to International Relations	(3)
POL SCI 4	Bas Cnpt/Pol Thry	(4) POLS 320	Introduction to Political Theory	(3)
POL SCI 5	Probs/Am Pol Sys	(4) NO COMPARA	BLE COURSE	
POL SCI 7	Law & Politics	(4) BUS 345	Law and Society	(3)

#### ONE COURSE FROM THE FOLLOWING:

(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation

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POL SCI 12Y Data Visualization	(4) NO COURSE ARTICULATED: College has	not
Same as: COMUNCN 12Y, PSYCH 12Y su	submitted course(s)for articulation	
SOCIOL 12Y		
STATIST 13 Elementary Statistics	(4) STAT 300 Introduction to	(4)
Same as: STATIST 13Y	Probability and	
	Statistics	
	OR	
	PSYC 330 Introductory	(3)
	Statistics for the	
	Behavioral Sciences	
STATIST 32 Gateway to Data Science		
	submitted course(s) for articulation	n

END OF MAJOR

#### ====Political Science A.B.====

#### Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <u>transfer admission website</u>. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

#### Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

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# Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

#### College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See

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http://llc.ucdavis.edu/foreign-language-placement-exams and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19

 $\underline{General\ Catalog}$  . Quick reference charts for  $\underline{AP}$  and  $\underline{IB}$  are also available from our TAG website.

THREE COURSES FROM THE FOLLOWING:POL SCI 1Amer Natl Govt(4)POLS 301Introduction to Government: United StatesPOL SCI 2Intro Comp Politics(4)POLS 302Introduction to Government: ForeignPOL SCI 3Internatl Relations(4)POLS 310Introduction to Government: ForeignPOL SCI 4Bas Cnpt/Pol Thry(4)POLS 320Introduction to Government

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## ONE COURSE FROM THE FOLLOWING:

#### Note: Courses listed twice may be used only once for major preparation

Note: Courses insted twice may be u		
POL SCI 1 Amer Natl Govt	(4)	POLS 301 Introduction to (3)
		Government: United
		States
POL SCI 2 Intro Comp Politics	(4)	
		Government: Foreign
POL SCI 3 Internatl Relations	(4)	POLS 310 Introduction to (3)
		International
		Relations
POL SCI 4 Bas Cnpt/Pol Thry	(4)	POLS 320 Introduction to (3)
		Political Theory
POL SCI 5 Probs/Am Pol Sys		NO COMPARABLE COURSE
POL SCI 7 Law & Politics	(4)	BUS 345 Law and Society (3)
POL SCI 11A America Decides	(4)	NO COURSE ARTICULATED: College has not
		submitted course(s) for articulation
POL SCI 11B Citizen Lawmaking	(4)	NO COURSE ARTICULATED: College has not
		submitted course(s) for articulation
POL SCI 11C Politics & Film	(4)	NO COURSE ARTICULATED: College has not
		submitted course(s) for articulation
POL SCI 11D Political Persuasion	(4)	NO COURSE ARTICULATED: College has not
		submitted course(s) for articulation
POL SCI 12A Politics & Sports	(4)	NO COURSE ARTICULATED: College has not
		submitted course(s) for articulation
POL SCI 12B Climate Chg & Politics	(4	)
-		NO COURSE ARTICULATED: College has not
Politics		submitted course(s) for articulation
		NO COURSE ARTICULATED: College has not
Same as: COMUNCN 12Y, PSYCH 12Y	submit	ted course(s)for articulation
SOCIOL 12Y		
OR		OR
STATIST 13 Elementary Statistics	(4)	
Same as: STATIST 13Y		Probability and
		Statistics
		OR
		PSYC 330 Introductory (3)
		Statistics for the
		Behavioral Sciences
OR	(	OR
STATIST 32 Gateway to Data Science	(4)	NO COURSE ARTICULATED: College has not
		submitted course(s) for articulation
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:

Applicants to psychology apply to the major, without reference to A.B. or B.S. degrees or emphases, which are chosen after enrollment at UC Davis. Transfer students are advised that although <u>requirements for admission</u> (listed above) in the psychology major are the same for the A.B. and B.S. degree options, lower-division <u>preparation for graduation</u> in the major may vary based on the degree and emphasis. Students are encouraged to view coursework for the A.B. degree with available biological and quantitative emphases.

Although not required for admission selection to the psychology major, it is highly recommended that students planning for a B.S. degree in psychology complete courses comparable to the UC Davis chemistry courses that apply to the student's degree and emphasis before enrolling at UC Davis.

*Students planning for a B.S. degree in psychology with biological emphasis are encouraged to complete Biological Sciences 2A rather than Biological Sciences 10. Also, although only one biological sciences course is required for admission, students interested in pursuing a B.S. degree with biological emphasis are encouraged to complete the recommended courses shown on ASSIST.

Transfer students must also meet UC transfer admission requirements. For details, see the UC Davis <u>transfer admission website</u>. UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation.

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#### Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> for details regarding UC Davis TAG.

# Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

### College Foreign Language Requirement Note:

ANTHRO 1

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <a href="http://llc.ucdavis.edu/foreign-language-placement-exams">http://llc.ucdavis.edu/foreign-language-placement-exams</a> and check with your

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UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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## Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

**AP and** IB examination credit policies are detailed in the UC Davis 2018-19 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

PSYCH 1 General Psychology PSYCH 41 Research Methods	(4) PSYC 300 (4) PSYC 335 	General Principles Research Methods in Psychology	(3) (3)
STATIST 13 Elementary Statistics Same as: STATIST 13Y	(4) STAT 300   	Introduction to Probability and Statistics	(4)
	<u>OR</u>  PSYC 330   	Introductory Statistics for the Behavioral Sciences	(3)
BIOLSCI 2A Intro Biology:Life on Earth	(5) BIOL 400 	Principles of Biology	(5)

#### OR A COMBINATION OF

BIOLSCI 10	IOLSCI 10 Everyday Biology	(4) BIOL 300	The Foundations of Biology	(3)
		<u>Or</u>  BIOL 307	Biology of Organisms	(4)
		<u>OR</u>  BIOL 310	General Biology	(4)

#### AND ONE COURSE FROM

Human Evol Biol	(4) ANTH 300	Physical Anthropology	(3)
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	OR	OR	
MOL&CB 10	Intro Human Heredity	(4) NO COMPARABLE COURSE	
	OR	OR	
NE PH B 10	Elem Human Physio	(3) BIOL 430 & Anatomy and Physiology	(5)
		BIOL 431 Anatomy and Physiology	(5)

END OF MAJOR

====Psychology B.S. (Biological)====

Special Advising Note:

## REQUIREMENTS FOR ADMISSION:

(for 2019-20)

This major is selective and requires preparatory coursework for admission. Any required courses that are offered at your current campus must be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses are not offered at your college, you must complete them after enrolling at UC Davis.

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.90 for the course group. It is recommended that candidates have a cumulative GPA of at least 2.90 for courses in the group below that have been completed by the time of application and maintain the GPA through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

Applicants to psychology apply to the major, without reference to A.B. or B.S. degrees or emphases, which are chosen after enrollment at UC Davis. Transfer students are advised that although <u>requirements for admission</u> (listed above) in the psychology major are the same for the A.B. and B.S. degree options, lower-division <u>preparation for graduation</u> in the major may vary based on the degree and emphasis. Students are encouraged to view coursework for the A.B. degree with available biological and quantitative emphases.

Although not required for admission selection to the psychology major, it is highly recommended that students planning for a B.S. degree in psychology complete courses comparable to the UC Davis chemistry courses that apply to the student's degree and emphasis before enrolling at UC Davis.

*Students planning for a B.S. degree in psychology with biological emphasis are encouraged to complete Biological Sciences 2A rather than Biological Sciences 10. Also, although only one biological sciences course is required for admission, students interested in pursuing a B.S. degree with biological emphasis are encouraged to complete the recommended courses shown on ASSIST.

Transfer students must also meet UC transfer admission requirements. For details, see the UC Davis <u>transfer admission website</u>. UC Davis requires that students complete the minimum transfer admission requirements by the end of

spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation.

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#### Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

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Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

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. ------_____ PSYCH 1General Psychology(4) PSYC 300General Principles(3)PSYCH 41Research Methods(4) PSYC 335Research Methods in(3)PSYCH 41PsychologyPsychology(3) _____ 

 STATIST 13
 Elementary Statistics
 (4) STAT 300
 Introduction to

 Same as:
 STATIST 13Y
 Probability and

 Statistics
 Statistics

 (4) Statistics OR | <u>UAA</u> |PSYC 330 Introductory | Statistics for the (3) Behavioral Sciences ______ MATH 16AShort Calculus(3)MATH 400Calculus IMATH 16BShort Calculus(3)MATH 401Calculus II (5) (5) OR OR MATH 17A Calculus for BioSci (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation MATH 17B Calculus for Biosci (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation OR OR (4) MATH 400 Calculus I (4) MATH 401 Calculus II MATH 21A Calculus (5) MATH 21B Calculus (5) _____ PHYSICS 10 Topics, Nonscientists (4) PHYS 310 Conceptual Physics (3) OR OR OR OR

PHYSICS 10C Physics of California (3) NO COURSE ARTICULATED: College has not

	OR		submitted course(s)for articulation OR	
PHYSICS 7A	General Physics	(4)	PHYS 350 🛓 General Physics	(4) (4)
PHYSICS 7B	General Physics	(4)	PHYS 350 & General Physics	(4)
their commur series befor series may b	nity college that is equiv the transferring. Students the required to take additi	alen who onal	mplete an entire physics series at t to the entire UC Davis Physics 7A/H transfer without completing an entire physics courses upon arrival at UC vis advisor before continuing with	
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 400 Principles of Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 410 <u>&amp;</u> Principles of Botany BIOL 420 Principles of Zoology	(5)
BIOLSCI 2C			BIOL 410 & Principles of Botany	(5) (5) (5)
	Genl Chemistry Genl Chemistry		CHEM 400 & General Chemistry	(5) (5) (5)
	Drganic Chem-Brief Drganic Chem-Brief OR	• •	NO COMPARABLE COURSE NO COMPARABLE COURSE OR	
CHEM 118A CHEM 118B	Org Chem, Hlth & Sci Org Chem, Hlth & Sci		CHEM 420 & Organic Chemistry CHEM 421 Organic Chemistry	(5) (5) (5)
CHEM 128A CHEM 128B	<b>OR</b> Organic Chemistry Organic Chemistry	• •	CHEM 420 & Organic Chemistry	(5) (5) (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 <u>or</u> Biological Sciences 10 <u>and one</u> course from: Anthropology 1 <u>or</u> Molecular and Cellular Biology 10 <u>or</u> Neurobiology, Physiology and Behavior 10

Applicants to psychology apply to the major without reference to A.B. or B.S. degrees or emphases, which are chosen after enrollment at UC Davis. Transfer students are advised that although <u>requirements for admission</u> (listed above) in the psychology major are the same for the A.B. and B.S. degree options, lower-division <u>preparation for graduation</u> in the major may vary based on the degree and emphasis. Students are encouraged to view coursework for the A.B. degree with available biological and quantitative emphases.

Although not required for admission selection to the psychology major, it is highly recommended that students planning for a B.S. degree in psychology complete courses comparable to the UC Davis chemistry courses that apply to the student's degree and emphasis before enrolling at UC Davis.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <u>transfer admission website</u>. UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation.

#### Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

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### Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

**AP and** IB examination credit policies are detailed in the UC Davis 2018-19 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

PSYCH 1	General Psychology	(4)   PSYC 300	General Principles	(3)
PSYCH 41	Research Methods	(4) PSYC 335	Research Methods in	(3)
		ĺ	Psychology	

STATIST 13 Elementary Statistics Same as: STATIST 13Y	(4)		Introduction to Probability and Statistics	(4
		<u>OR</u>  PSYC 330	Introductory Statistics for the Behavioral Sciences	(3
MATH 21A Calculus	(4)	  MATH 400	Calculus I	(5
MATH 21B Calculus	• •		Calculus II	(5
MATH 21C Calculus	(4)	MATH 402	Calculus III	(5
ENG CS 36A Programming Formerly ENG CS 30	(4)	CISP 360	Introduction to Structured Programming	(4
OR			OR	
ENG CS 32A Intro to Programming(4) Formerly ENG CS 10		CISP 370	Beginning Visual BASIC	(4
may not be identical to UC Davis upon transfer to UC Davis, may ne deficiencies.				
CHEM 10 Concept of Chem OR	(4)	NO COMPARABL	E COURSE OR	
CHEM 2A Genl Chemistry			General Chemistry	(5
CHEM 2B Genl Chemistry	(5)		General Chemistry	(5
OR		CHEM 401	General Chemistry OR	(5
CHEM 2AH Honors Genl Chemistry	(5)	NO COMPARABI	E COURSE	
CHEM 2BH Honors Genl Chemistry	(5)	NO COMPARABL	E COURSE	
PHYSICS 10 Topics,Nonscientists OR			Conceptual Physics <b>OR</b>	(3
PHYSICS 10C Physics of California	(3)		TICULATED: College has ourse(s)for articulation	
OR			OR	
PHYSICS 7A General Physics			General Physics	(4
PHYSICS 7B General Physics	(4)	PHIS 360 Phys 350 &	General Physics General Physics	(4 (4
	( = )	PHYS 360	General Physics	(4
It is highly recommended that student their community college that is equiv series before transferring. Students	valent who t	to the enti cransfer with	re UC Davis Physics 7A, out completing an entim	
series may be required to take additi Davis, and will need to meet with a U physics.	JC Dar	vis advisor b	-	
BIOLSCI 2A Intro Biology:Life on Earth			Principles of Biology	(5
OR A COMB	INAT:	ION OF		
OR A COMB BIOLSCI 10 Everyday Biology		BIOL 300	The Foundations of Biology	(3

BIOL 307 Biology of Organisms (4) OR BIOL 310

General Biology (4)

#### AND ONE COURSE FROM

ANTHRO 1	Human Evol Biol	(4) ANTH 300 Physical Anthropology	(3)
	OR	OR	
MOL&CB 10	Intro Human Heredity	(4) NO COMPARABLE COURSE	
	OR	OR	
NE PH B 10	Elem Human Physio	(3) BIOL 430 & Anatomy and Physiolog	y (5)
		BIOL 431 Anatomy and Physiolog	y (5)

END OF MAJOR

#### ====Religious Studies A.B.====

### Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <u>transfer admission website</u>. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

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#### Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> for details regarding UC Davis TAG.

## Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

## College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <a href="http://llc.ucdavis.edu/foreign-language-placement-exams">http://llc.ucdavis.edu/foreign-language-placement-exams</a> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

**AP and** IB examination credit policies are detailed in the UC Davis 2018-19 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

Survey of Religion (4) PHIL 352 Introduction to World (3) REL STD 1 Religions REL STD 1APilgrimage(4)NOCOMPARABLECOURSEREL STD 1BDeath and Afterlife(4)NOCOMPARABLECOURSEREL STD 1CSacrifice(4)NOCOMPARABLECOURSE REL STD 1D Conversion (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation REL STD 1E Fundamentalism (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation REL STD 1F Religion Today (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation REL STD 1G Myth Ritual Symbol (4) NO COMPARABLE COURSE REL STD 1H Sex, Marriage, Divorce (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 FROM THE FOLLOWING: REL STD 5 Comparative Religion (2) NO COURSE ARTICULATED REL STD 6 Intro Health Humanities (4) NO COURSE ARTICULATED REL STD 10 Contemporary Ethical (2) PHIL 310 Introduction to Ethics (3) Issues Contemporary Ethical (2) NO COURSE ARTICULATED: College has not REL STD 10A submitted course(s) for articulation Issues REL STD 11 Ethical Eating (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (4) NO COURSE ARTICULATED:College has not REL STD 12 Emergence Abrahamic Religions submitted course(s) for articulation (4) NO COMPARABLE COURSE REL STD 21 The Bible REL STD 23 Intro Judaism (4) NO COMPARABLE COURSE REL STD 30 South Asian Religions (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation REL STD 40New Testament(4)NO COMPARABLE COURSEREL STD 42Religion and Sci(4)NO COURSE ARTICULATED: College has not Fiction submitted course(s) for articulation REL STD 45 Christianity (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation REL STD 60 Introduction to Islam (4) NO COMPARABLE COURSE REL STD 65C The Qur'an and Its (4) NO COURSE ARTICULATED: College has not Interpretation submitted course(s) for articulation REL STD 67 Modern Hinduism (4) NO COURSE ARTICULATED: College has not submitted course(s)for articulation REL STD 68 Hinduism (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation REL STD 69 Intro Hindu Mythology (4) NO COURSE ARTICULATED: College has not submitted course(s)for articulation REL STD 70 Religion and Language (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation Introduction to Chinese (4) NO COMPARABLE COURSE REL STD 75 Philosophy REL STD 80 Religion, Gender, Sex (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation A reading knowledge of a foreign language is highly recommended. END OF MAJOR

====Russian A.B.====

#### Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree. Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <u>transfer admission website</u>. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

## Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

## College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <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.

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.

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END OF MAJOR					
RUSSIAN 6	Intermed Russian	(4)	NO	COMPARABLE	COURSE
RUSSIAN 5	Intermed Russian			COMPARABLE	
RUSSIAN 4	Intermed Russian			COMPARABLE	
RUSSIAN 3	Elementary Russian			COMPARABLE	
RUSSIAN 2	Elementary Russian			COMPARABLE	
RUSSIAN 1	Elementary Russian	(5)	NO	COMPARABLE	COURSE

#### ====Science & Technology Studies A.B.====

#### Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <u>transfer admission website</u>. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

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#### Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

#### College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See

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http://llc.ucdavis.edu/foreign-language-placement-exams and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

**AP and** IB examination credit policies are detailed in the UC Davis 2018-19 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

SCI&TEC 1	Intro Sci & Tech Std	(4) NO COMPARABLE COURSE
SCI&TEC 20	Sci & Tec Std Methods	(4) NO COMPARABLE COURSE

#### 8 QUARTER UNITS FROM THE FOLLOWING:

AMR STD 1A	Science and American Culture	(4)   NO COMPARABLE COURSE
AMR STD 1E	Nat&Cult Amr	(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AMR STD 5	Tech in Amr Lives	(4) NO COMPARABLE COURSE
ENV S&P 1	Env Analysis	(4) NO COMPARABLE COURSE
human 3	Medicine & Humanities	(4) NO COURSE ARTICULATED: College has not
PHILOS 30	Intro Philos of Sci	<pre>submitted course(s) for articulation (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation</pre>
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 Issue	es
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 & Sc	DC (3) NO COMPARABLE COURSE
SCI&TEC 32 Drugs, Science ar	nd (4) NO COURSE ARTICULATED: College has not
Culture	submitted course(s) for articulation
Same as: ANTHRO 32	İ

4 quarter units of lower-division science courses from the Approved Science Electives list. To see the list, click on <u>http://sts.ucdavis.edu/undergraduate/sts-major-</u>requirements

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END OF MAJOR

#### ====Sociology A.B.====

#### Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <u>transfer admission website</u>. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

#### Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

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# Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

#### College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See

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<u>http://llc.ucdavis.edu/foreign-language-placement-exams</u> 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. _____ SOCIOL 1 Intro Sociology (5) SOC 300 Introductory Sociology (3) _____ SOCIOL 46A Intro Social Rsch (4) NO COMPARABLE COURSE AND AND SOCIOL 46B Intro Social Rsch (5) NO COMPARABLE COURSE _____ ONE COURSE FROM THE FOLLOWING: SOCIOL 2Self and Society(4) NO COMPARABLE COURSESOCIOL 3Social Problems(4) SOC 301Social Problems(3)SOCIOL 4Immigrtn & Opprtnty(4) SOC 321Race, Ethnicity and(3)Inequality in the<br/>United StatesUnited States(3) SOCIOL 5Global Soc Change(4)NO COMPARABLE COURSESOCIOL 11Sociology of Labor and(4)NO COURSE ARTICULATED: College has not SocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocietiesSocieties submitted course(s) for articulation _____ ONE COURSE FROM THE FOLLOWING: ANTHRO 2 Cultural Anthropology (5) ANTH 310 Cultural Anthropology (3) OR OR OR OR ANTHRO 20 Comparative Cultures (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation _____ ONE COURSE FROM THE FOLLOWING: HISTORY 4A Western Civ HISTORY 4B Western Civ (4) NO COMPARABLE COURSE (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation HISTORY 4C Western Civ (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation HISTORY 6 Intro to Middle East (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation HISTORY 7A Latin America to 1700 (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation HISTORY 7B Latin America 1700-1900 (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation HISTORY 7CLatin America(4) NO COURSE ARTICULATED: College has not1900-Presentsubmitted course(s) for articulationHISTORY 8Indian Civilization(4) NO COMPARABLE COURSEHISTORY 9AEast Asian Civ(4) NO COMPARABLE COURSEHISTORY 9BEast Asian Civ(4) NO COMPARABLE COURSEHISTORY 10CWorld History III(4) HIST 308History of World(3) Civilizations, 1500 to Present HISTORY 15AAfrica to 1900(4) NO COURSE ARTICULATEDHISTORY 15BAfrica Today(4) NO COURSE ARTICULATEDHISTORY 17AU.S. History(4) HIST 310 (4) NO COURSE ARTICULATED (4) HIST 310 History of the United (3) States OR HIST 312 History of the United (3) States (to 1865) HISTORY 17B U.S. History (4) |HIST 311 History of the United (3) States OR HIST 313 & History of the United (3)

		States (1865-1945) Recent United States ( History	3)
ONE COURSE FROM T	HE FOLLOWING	:	

d) PHILOS 5 Critical Reasoning	(4) PHIL 320	Logic and Critical (3)
		Reasoning
e) PHILOS 14 Eth Soc Prob in Sec.	oc (4) PHIL 310	Introduction to Ethics (3)
PHILOS 24 Intro to Ethics	(4) PHIL 310	Introduction to Ethics (3)

#### END OF MAJOR

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- d) Students who complete PHIL 320 at Folsom Lake College will receive credit at UC Davis for PHIL 5 or PHIL 12, not both
- e) Students who complete PHIL 310 at Folsom Lake College will receive credit at UC Davis for PHILOS 14 or 24, not both

### ====Sociology A.B. (Comparative Studies and World Development)==== Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <u>transfer admission website</u>. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

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### Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

#### College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <a href="http://llc.ucdavis.edu/foreign-language-placement-exams">http://llc.ucdavis.edu/foreign-language-placement-exams</a> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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Advanced Placement (AP) and International Baccalaureate (IB) Examination Note: AP and IB examination credit policies are detailed in the UC Davis 2018-19 General Catalog . Quick reference charts for AP and IB are also available from our TAG website. _____ Intro Sociology (5) SOC 300 Introductory Sociology (3) SOCIOL 1 _____ SOCIOL 5 Global Soc Change (4) | NO COMPARABLE COURSE _____ SOCIOL 46A Intro Social Rsch (4) NO COMPARABLE COURSE AND AND SOCIOL 46B Intro Social Rsch (5) NO COMPARABLE COURSE _____ (4) ECON 302 Principles of Macroeconomics ECON 1B Princ of Macroecon (3) _____ ANTHRO 2 Cultural Anthropology (5) ANTH 310 Cultural Anthropology (3) OR OR ANTHRO 20 Comparative Cultures (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation _____ _____ (4) |HIST 308 History of World (3) HISTORY 10C World History III Civilizations, 1500 to Present OR OR (4) POLS 302 Introduction to POL SCI 2 Intro Comp Politics (3) Government: Foreign _____ _____

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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:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <u>transfer admission website</u>. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

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### Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

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Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE.

IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

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### College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See

<u>http://llc.ucdavis.edu/foreign-language-placement-exams</u> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

SOCIOL 1 Intro Sociology (5)|SOC 300 Introductory Sociology (3)

SOCIOL 3	Social Problems <b>OR</b>	(4)	SOC 301 Social Problems (3) OR
SOCIOL 4	Immigrtn & Opprtnty	(4)	SOC 321 Race, Ethnicity and (3) Inequality in the United States
	OR	ĺ	OR
SOCIOL 11	Sociology of Labor and Employment		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
SOCIOL 46A	Intro Social Rsch AND	(4)	NO COMPARABLE COURSE AND
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE

### 4 QUARTER UNITS FROM THE FOLLOWING:

ANTHRO 2 ANTHRO 20	Cultural Anthropology Comparative Cultures	(5) ANTH 310 Cultural Anthropology (3) (4) NO COURSE ARTICULATED: College has no	- /
	-	submitted course(s) for articulation	
POL SCI 1	Amer Natl Govt	(4) POLS 301 Introduction to (3	3)
		Government: United	
		States	
POL SCI 3	Internatl Relations		3)
		International	
		Relations	
POL SCI 4	Bas Cnpt/Pol Thry		3)
		Political Theory	
POL SCI 7	Law & Politics	(4) BUS 345 Law and Society (3	3)

### 4 QUARTER UNITS FROM THE FOLLOWING:

HISTORY 4A	Western Civ	(4) NO COMPARABLE COURSE
HISTORY 4B	Western Civ	(4) NO COURSE ARTICULATED: College has not
		submitted course(s) for articulation
HISTORY 4C	Western Civ	(4) NO COURSE ARTICULATED: College has not
		submitted course(s) for articulation
HISTORY 6	Intro to Middle East	(4) NO COURSE ARTICULATED: College has not

			subn	nitted	course(s) for articulation	
HISTORY 7A Lat:	in America to 1700	(4)	NO C	COURSE	ARTICULATED: College has no	ot
			subn	nitted	course(s) for articulation	
HISTORY 7B Lat:	in America 1700-1900	(4)			ARTICULATED: College has no	
			subn	nitted	course(s) for articulation	
HISTORY 7C Lat:	in America	(4)			ARTICULATED: College has no	
	)-Present				course(s) for articulation	
	an Civilization					
	t Asian Civ					
	t Asian Civ					
HISTORY 10C Wor	rld History III	(4)	HIST	508	History of World (1	3)
					Civilizations, 1500 to	
					Present	
HISTORY 15A Afric		• •	!		ARTICULATED	
HISTORY 15B Afric	-	• •	1		ARTICULATED	
HISTORY 17A U.S	S. History	(4)	HIST	r 310	History of the United ()	3)
					States	
				<u>DR</u>		<b>.</b> .
			HIST	F 312	History of the United (	3)
	~ ' .	(		- 011	States (to 1865)	2.
HISTORY 17B U.S	5. History	(4)	HISI	L' 311	History of the United ()	3)
				DR	States	
					History of the United (	21
			IUTPT		$\underline{\mathbf{x}}$ History of the oniced (. States (1865-1945)	5)
			   ਪਾਵਾ	r 314	Recent United States (1	3)
			1 1121	1 314	History	5)
d) PHILOS 5 Cr:	itical Reasoning	(4)	PHII	320	Logic and Critical (3	3)
,		( - )			Reasoning	- /
	OR		i		OR	
e) PHILOS 14 Et	th Soc Prob in Soc	(4)	PHIL	L 310	Introduction to Ethics ()	3)
	OR		ĺ		OR	
PHILOS 24 Intro	o to Ethics	(4)	PHIL	L 310	Introduction to Ethics (3	3)

END OF MAJOR

- d) Students who complete PHIL 320 at Folsom Lake College will receive credit at UC Davis for PHIL 5 or PHIL 12, not both
- e) Students who complete PHIL 310 at Folsom Lake College will receive credit at UC Davis for PHILOS 14 or 24, not both

## ====Sociology A.B. (Social Services)====

# Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <u>transfer admission website</u>. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

### Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit

http://tag.ucdavis.edu for details regarding UC Davis TAG.

# Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

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Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

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#### College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See

http://llc.ucdavis.edu/foreign-language-placement-exams and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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# Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

**AP and** IB examination credit policies are detailed in the UC Davis 2018-19 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

available i		
SOCIOL 1	Intro Sociology	(5)   SOC 300 Introductory Sociology (3)
SOCIOL 2	Self and Society OR	(4) NO COMPARABLE COURSE
SOCIOL 3		(4) SOC 301 Social Problems (3)
SOCIOL 46A	Intro Social Rsch AND	(4) NO COMPARABLE COURSE
SOCIOL 46B	Intro Social Rsch	
PSYCH 1	General Psychology	(4)   PSYC 300 General Principles (3)
	6-8 OUARTER UNI	TS FROM THE FOLLOWING:
AF-AMST 10	-	<pre>(4) NO COURSE ARTICULATED: College has not</pre>
AF-AMST 15	Intro Afro Amer Hum	(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
a a std 1	Hist Exp Asian Am	(4) NO COMPARABLE COURSE
a a std 2	-	(4) NO COMPARABLE COURSE
CHICANO 10	Intro to Chic Std	(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHICANO 50	Chicano Culture	<pre>(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation</pre>
N A STD 1	Intro NA Studies	<pre>(4)  NO COURSE ARTICULATED: College has not</pre>
N A STD 10	NA Experience	(4) NO COURSE ARTICULATED: College has not
SOCIOL 4	Immigrtn & Opprtnty	<pre> submitted course(s) for articulation (4) SOC 321 Race, Ethnicity and (3)   Inequality in the United States</pre>
SOCIOL 11	Sociology of Labor and	(4) NO COURSE ARTICULATED: College has not

	Employment		submitted course(s) for articulation
SOCIOL 30A	Multicultural Societies	; (3)	NO COMPARABLE COURSE
SOCIOL 30B	Multicultural Societies	; (3)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation

### END OF MAJOR

#### ====Sociology-Organizational Studies A.B.====

### Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <u>transfer admission website</u>. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

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### Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

# Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

#### College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <a href="http://llc.ucdavis.edu/foreign-language-placement-exams">http://llc.ucdavis.edu/foreign-language-placement-exams</a> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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#### Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

**AP and** IB examination credit policies are detailed in the UC Davis 2018-19 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

SOCIOL 1	Intro Sociology AND	(5) SOC 300 Introductory Sociology (3)
SOCIOL 2	Self and Society	(4) NO COMPARABLE COURSE
SOCIOL 4	Immigrtn & Opprtnty	(4) SOC 321 Race, Ethnicity and (3)

			Inequality in the
			United States
	OR		OR
SOCIOL 5	Global Soc Change	(4)	NO COMPARABLE COURSE
	OR		OR
SOCIOL 11	Sociology of Labor and	(4)	NO COURSE ARTICULATED: College has not
	Employment		submitted course(s) for articulation
SOCIOL 46A	Intro Social Rsch	(4)	NO COMPARABLE COURSE
	3 115		AND
	AND		AND
SOCIOL 46B		(5)	NO COMPARABLE COURSE
			NO COMPARABLE COURSE ECON 304 Principles of (3)
	Intro Social Rsch		NO COMPARABLE COURSE
ECON 1A	Intro Social Rsch Princ of Microecon AND		NO COMPARABLE COURSE ECON 304 Principles of (3) Microeconomics AND
ECON 1A	Intro Social Rsch Princ of Microecon		NO COMPARABLE COURSE ECON 304 Principles of (3) Microeconomics AND ECON 302 Principles of (3)
ECON 1A	Intro Social Rsch Princ of Microecon AND	(4)	NO COMPARABLE COURSE ECON 304 Principles of (3) Microeconomics AND

#### END OF MAJOR

#### ====Spanish A.B.====

### Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <u>transfer admission website</u>. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

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### Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

### College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <a href="http://llc.ucdavis.edu/foreign-language-placement-exams">http://llc.ucdavis.edu/foreign-language-placement-exams</a> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more

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information.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19  $\frac{\text{General Catalog}}{\text{AP}}$ . Quick reference charts for  $\frac{\text{AP}}{\text{AP}}$  and  $\frac{\text{IB}}{\text{IB}}$  are also available from our TAG website.

SPANISH 1	Elementary Spanish	(5)   SPAN 401 Elementary Spanish (4)
SPANISH 2	Elementary Spanish	(5) SPAN 401 <u>&amp;</u> Elementary Spanish (4)
		SPAN 402 Elementary Spanish (4)
SPANISH 3	Elementary Spanish	(5) SPAN 402 Elementary Spanish (4)
SPANISH 21	Intm Spanish	(5) SPAN 411 Intermediate Spanish (4)
SPANISH 22	Intm Spanish	(5) SPAN 412 Intermediate Spanish (4)
SPANISH 23	Span Comp I	(4) NO COURSE ARTICULATED: College has not
		submitted course(s) for articulation
SPANISH 24	Span Comp II	(4) NO COURSE ARTICULATED: College has not
		submitted course(s) for articulation
	OR	OR
SPANISH 31	Int Span Nat Spk I	(5) NO COMPARABLE COURSE
SPANISH 32	Int Span Nat Spk II	(5) NO COMPARABLE COURSE
SPANISH 33	Int Span Nat Spk III	(5) NO COMPARABLE COURSE

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

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END OF MAJOR

#### ====Statistics A.B.====

### Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <u>transfer admission website</u>. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

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## Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> for details regarding UC Davis TAG.

# Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

# College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <a href="http://llc.ucdavis.edu/foreign-language-placement-exams">http://llc.ucdavis.edu/foreign-language-placement-exams</a> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

**AP and** IB examination credit policies are detailed in the UC Davis 2018-19 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

MATH 16A	Short Calculus	(3)	MATH 400	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 401	Calculus II	(5)
MATH 16C	Short Calculus			Calculus II	(5)
	OR		ĺ	OR	
MATH 17A	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has	not
			submitted	l course(s) for articulatio	on
MATH 17B	Calculus for Biosci	(4)	NO COURSE	ARTICULATED: College has	not
			submitted	l course(s) for articulatio	on
MATH 17C	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has	not
			submitted	l course(s) for articulatio	on
	OR			OR	
MATH 21A	Calculus	(4)	MATH 400	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 401	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 402	Calculus III	(5)
 MATH 22A	Linear Algebra	(3)		Introduction to Linear Algebra	(3)
	Intro to Programming(4) y ENG CS 10		CISP 370 	Beginning Visual BASIC	(4)
	OR			OR	
ENG CS 36A	Programming	(4)	CISP 360	Introduction to	(4)
Formerly	ENG CS 30			Structured Programming	
	OR			OR	
ENC CC 26D	Object-Oriented Program	$(\Lambda)$	LATED 400		$(\Lambda)$
	ENG CS 40	(4)	CISP 400	Programming with C++	(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.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <u>transfer admission website</u>. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

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### Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

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# Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

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### Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

**AP and** IB examination credit policies are detailed in the UC Davis 2018-19 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

MATH 16A	Short Calculus	(3)	MATH 400	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 401	Calculus II	(5)
MATH 16C	Short Calculus	(3)	MATH 401	Calculus II	(5)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: Colleg	e has not
			submitted	course(s) for artic	ulation
MATH 17B	Calculus for Biosci	(4)	NO COURSE	ARTICULATED: Colleg	e has not
			submitted	course(s) for artic	ulation
MATH 17C	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: Colleg	e has not
			submitted	course(s) for artic	ulation
	OR			OR	
MATH 21A	Calculus	(4)	MATH 400	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 401	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 402	Calculus III	(5)

NOTE: THE MATH 21A, B, C SERIES IS RECOMMENDED IF AVAILABLE

	Linear Algebra	(3)   MATH 410	Introduction to Linear (3)
MATH 22A			Algebra
	Intro to Programming(4) y ENG CS 10	CISP 370 	Beginning Visual BASIC (4)

OR				OR	
ENG CS 36A Programming Formerly ENG CS 30	(4)	CISP	360	Introduction to Structured Programming	(4)
OR	İ			OR	
ENG CS 36B Object-Oriented Program Formerly ENG CS 40	(4)	CISP	400	Object Oriented Programming with C++	(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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### AND ONE COURSE FROM

STATIST 12	Discrete Probabil	(4)		ARTICULATED: College course(s) for articu	
STATIST 13 Same as:	Elementary Statistics STATIST 13Y	(4)	STAT 300 	Introduction to Probability and Statistics	(4)
			OR		
			PSYC 330	Introductory	(3)
				Statistics for the	
				Behavioral Science	S
STATIST 32	Gateway to Data Science	(4)	NO COURSE	ARTICULATED: College	has not
			submitted	course(s) for articu	lation

PLUS TWO INTRODUCTORY COURSES SERVING AS THE PREREQUISITE TO UPPER DIVISION COURSES IN A CHOSEN DISCIPLINE TO WHICH STATISTICS IS APPLIED.

END OF MAJOR

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## ====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 <u>transfer admission website</u>. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

# Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> for details regarding UC Davis TAG.

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# Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

**AP and** IB examination credit policies are detailed in the UC Davis 2018-19 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

MATH 21A	Calculus	(4)	MATH	400	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH	401	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH	402	Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH	402	Calculus III	(5)
MATH 22A	Linear Algebra	(3)	MATH	410	Introduction to Linear	(3)
					Algebra	
	Data Structures	(4)	CISP	430	Data Structures	(4)
Formerly	ENG CS 60					

Please note that the community college's computer science courses may not be identical to UC Davis courses. Community college students, upon transfer to UC Davis, may need to make up any topic or language deficiencies.

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#### AND ONE COURSE FROM

STATIST 12 D:	iscrete Probabil	(4)			ARTICULATED: course(s) for		
STATIST 13 E Same as: STA	lementary Statistics TIST 13Y	(4)	STAT		Introduction Probability Statistics	on to	(4)
		İ	OF	-			
			PSYC	330	Introducton Statistics Behavioral	for the	(3)
STATIST 32 Gate	eway to Data Science	(4)			ARTICULATED: course(s) for	College	has not

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 <u>transfer admission website</u>. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

### Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> for details regarding UC Davis TAG.

# Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

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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 400 Calculus I (5)
MATH 21B Calculus	(4) MATH 401 Calculus II (5)
MATH 21C Calculus	(4) MATH 402 Calculus III (5)
MATH 21D Vector Analysis	(4)   MATH 402 Calculus III (5)
MATH 22A Linear Algebra	(3)   MATH 410 Introduction to Linear (3)   Algebra   OR
MATH 67 Modern Linear Algebra	
MAIN 07 MODELII LIIIEAL AIGEDIA	submitted course(s) for articulation
MATH 25 Advanced Calculus	(4) NO COURSE ARTICULATED: College has not
	submitted course(s) for articulation
ENG CS 32A Intro to Programming(4)	CISP 370 Beginning Visual BASIC (4)
Formerly ENG CS 10	
OR	OR
ENG CS 36A Programming	(4) CISP 360 Introduction to (4)
Formerly ENG CS 30	Structured Programming
OR	OR
ENG CS 36B Object-Oriented Program	(4) CISP 400 Object Oriented (4)
Formerly ENG CS 40	Programming with C++

Please note that the community college's computer science courses may not be identical to UC Davis courses. Community college students, upon transfer to UC Davis, may need to make up any topic or language deficiencies.

### AND ONE COURSE FROM

STATIST	13	Elementary	Statistics	(4)	STAT	300	Introduction to	(4)
Same	as:	STATIST 13Y					Probability and	
					ĺ		Statistics	

				OR		
				PSYC 330	Introductory	(3)
					Statistics for the	
					Behavioral Sciences	
STATIST 12	Discrete	Probabil	(4)	NO COURSE	ARTICULATED: College ha	s not
				submitted	course(s) for articulat	ion
STATIST 32	Gateway to	Data Science	(4)	NO COURSE	ARTICULATED: College ha	s not
				submitted	course(s) for articulat	ion

### ====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 <u>transfer admission website</u>. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

# Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

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# Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

# Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

**AP and** IB examination credit policies are detailed in the UC Davis 2018-19 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

MATH 21A	Calculus	(4)   MZ	ATH	400	Calculus I	(5)
MATH 21B	Calculus	(4) MZ	ATH	401	Calculus II	(5)
MATH 21C	Calculus	(4) MZ	ATH	402	Calculus III	(5)
MATH 21D	Vector Analysis	(4) MZ	ATH	402	Calculus III	(5)
MATH 22A	Linear Algebra	(3)   M2 	ATH	410	Introduction to Linear Algebra	(3)
ENG CS 32A	Intro to Programming(4)	C:	ISP	370	Beginning Visual BASIC	(4)

Formerly ENG CS 10 OR OR ENG CS 36A Programming (4) CISP 360 Introduction to (4) Formerly ENG CS 30 Structured Programming OR OR ENG CS 36B Object-Oriented Program (4) CISP 400 Object Oriented (4) Programming with C++ Formerly ENG CS 40 _____ ------STATIST 12 Discrete Probabil (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation OR OR STATIST 13 Elementary Statistics (4) STAT 300 Introduction to (4) Probability and Same as: STATIST 13Y Statistics OR PSYC 330 Introductory (3) Statistics for the Behavioral Sciences OR OR STATIST 32 Gateway to Data Science (4) |NO COURSE ARTICULATED: College has not submitted course(s) for articulation _____

#### END OF MAJOR

## ====Sustainable Agriculture and Food Systems B.S.==== Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is <u>highly recommended</u> that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. See the U<u>C Transfer Admission website</u> for details. UC Davis requires that students complete the minimum transfer admission requirement by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

### Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

# Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

# College of Agricultural and Environmental Sciences (A&ES) General Education (GE) English Composition Requirement for the Bachelor's Degree:

The College of A&ES English Composition requirement for the Bachelor's degree is an element of the UC Davis General Education (GE) pattern. This GE requirement may be satisfied by completing either two courses emphasizing written expression OR one course emphasizing written expression and one course emphasizing oral expression, with a grade of C- (or P) or better. The following UC Davis lower-division courses are among those that have been approved to satisfy this requirement: English 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (emphasis in either writing or speaking skills). The English Composition requirement may also be met by achieving a score of 4 or 5 on the Advanced Placement (AP) English examination PLUS completing any previously listed course, EXCEPT English 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC transfer students who have successfully completed the IGETC lower-division coursework are exempt from all GE requirements that may be met with lower-division courses. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer admission. See the U<u>C Transfer Admission website</u>. The courses used for the A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

# Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

**AP and** IB examination credit policies are detailed in the UC Davis 2018-19 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

COMUNCN 1	Intro Public Spkg	(4)	COMM 301 	Introduction to Public (3) Speaking
PL SCI 15	Intro Sustainable Agriculture	(4)	1	ARTICULATED: College has not course(s) for articulation
CM&RGDE 20	Food Systems	(4)	1	ARTICULATED: College has not course(s)for articulation
PL PATH 40	Edible Mushroom Cult	(2)	1	ARTICULATED: College has not course(s)for articulation OR
PL SCI 49	Org Crop Prod Prac	(3)		ARTICULATED: College has not course(s) for articulation
	Select one of the	foll	owing cours	ses:
AN SCI 41L	Domest An Prod Lab		NO COURSE	ARTICULATED: College has not course(s) for articulation
AN SCI 49A	Animal Prac/Aquaculture	(2)	NO COURSE	ARTICULATED: College has not

			submitted course(s) for articulation
AN SCI 49B	Animal Prac/Beef	(2)	NO COURSE ARTICULATED: College has not
			submitted course(s)for articulation
AN SCI 49C	Animal Prac/Dairy	(2)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
AN SCI 49D	Animal Prac/Goats	(2)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
AN SCI 49E	Animal Prac/Horses	(2)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
AN SCI 49F	Animal Prac/Lab Animals	(2)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
AN SCI 49G	Animal Prac/Meats	(2)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
AN SCI 49H	Animal Prac/Poultry	(2)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
AN SCI 491	Animal Prac/Sheep	(2)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
AN SCI 49J	Animal Prac/Swine	(2)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
ABIOSYT 49	Fld Equip Oper	(2)	NO COMPARABLE COURSE
	OR		OR
ABIOSYT 52	Field Equip Welding	(2)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation

PLUS CHOOSE ONE OF THE FOLLOWING THREE TRACKS:

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TRACK I: AGRICULTURE AND ECOLOGY

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MATH 16A Short Calculus MATH 16B Short Calculus		MATH 4  MATH 4		Calculus I Calculus II	(5)
CHEM 2A Genl Chemistry CHEM 2B Genl Chemistry		CHEM 4 CHEM 4 CHEM 4	400 <u>&amp;</u>	General Chemistry General Chemistry General Chemistry	(5) (5) (5)
PHYSICS 1A Principles Ph	ysics (3)	PHYS 3	350	General Physics	(4)
BIOLSCI 2B Intro Biology & Evolution	: Ecology (5)	BIOL 4  BIOL 4			(5) (5)
PL SCI 2 Bot Physio Cul	Plt (4)	NO CON	MPARA	BLE COURSE	
AN SCI 1 Domest Ani & Pe	eople (4)	NO CON	MPARA	BLE COURSE OR	
AN SCI 2 Intro Animal Sc	:i (4)			ARTICULATED: College has course(s) for articulatio	
FD S&T 1 Food Sci Princi	ples (3)	NO CON	MPARA	BLE COURSE	
ECON 1A Princ of Microed	eon (4)	ECON 3	304	Principles of Microeconomics	(3)
CM&RGDE 1 The Community	(4)			ARTICULATED: College has course(s) for articulation	
e) PHILOS 14 Eth Soc Pro OR	b in Soc (4)	PHIL 3	310	Introduction to Ethics OR	(3)
PHILOS 15 Intro to Bioet	hics (4)			ARTICULATED: College has course(s) for articulatio	
OR PHILOS 24 Intro to Ethic	s (4)	  PHIL 3	310	OR Introduction to Ethics	(3)

ANTHRO 2	Cultural Anthropology <b>OR</b>	(5)	ANTH 310	Cultural Anthropology <b>OR</b>	(3)
POL SCI 4	Bas Cnpt/Pol Thry	(4)	POLS 320	Introduction to Political Theory <b>OR</b>	(3)
SOCIOL 1	Intro Sociology OR	(5)	  SOC 300	Introductory Sociology OR	(3)
SOCIOL 3	Social Problems	(4)	  soc 301		(3)
d) PHILOS 5	<b>TRACK II: FC</b> Critical Reasoning			Logic and Critical	(3)
	_	( _ /		Reasoning	(-)
PHILOS 31	<b>OR</b> Scientific Reason	(4)	  NO COMPARAE	OR BLE COURSE	
					 (2)
e) PHILOS I	4 Eth Soc Prob in Soc OR	(4)	PHIL 310	OR	(3)
PHILOS 15	Intro to Bioethics	(4)		ARTICULATED: College has course(s) for articulation	
	OR			OR	
PHILOS 24	Intro to Ethics	(4)		Introduction to Ethics	
	Intro Social Rsch <b>OR</b>		İ	OR	
	Elementary Statistics STATIST 13Y	(4)		Introduction to Probability and Statistics	(4)
			<u>OR</u>  PSYC 330 	Introductory Statistics for the Behavioral Sciences	(3)
снем 2а	Genl Chemistry	(5)	  СНЕМ 400	General Chemistry	(5)
BIOLSCI 10	Everyday Biology	(4)	ļ	The Foundations of Biology	(3)
			<u>OR</u>  BIOL 307   <b>OR</b>	Biology of Organisms	(4)
			BIOL 310	General Biology	
	Bot Physio Cul Plt	(4)			
	Intro Biology: Ecology & Evolution <b>OR</b>	(5)		Principles of Botany Principles of Zoology <b>OR</b>	
ENV S&P 1	Env Analysis OR	(4)	  NO COMPARAE 	-	
		(3)	  NO COMPARAE 	-	
W&F BIO 10	OR Wildl Ecol Conserve OR	(4)	  NO COMPARAE 	OR BLE COURSE OR	
W&F BIO 51	Intro to Conservation Biology		Same as:	Environmental Biology ENVT 304	(3)
	Food Sci Principles	(3)	NO COMPARAE		

ECON 1A	Princ of Microecon	(4)	ECON 304 	Principles of Microeconomics	(3)
POL SCI 4	Bas Cnpt/Pol Thry	(4)	POLS 320 	Introduction to Political Theory	(3)
ANTHRO 2	Cultural Anthropology OR	(5)	  ANTH 310 	Cultural Anthropology OR	(3)
SOCIOL 1	-	(5)	SOC 300	-	(3)
SOCIOL 3	Social Problems	(4)	SOC 301	Social Problems	(3)
CM&RGDE 1	The Community	(4)		ARTICULATED: College has course(s) for articulati	
CM&RGDE 2	Ethnicity Amer Comm	(4)	NO COURSE		s not
	TRACK III: ECC		CS AND POL	ICY	
MATH 16A				Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 401	Calculus II	(5)
SOCIOL 46E	Intro Social Rsch OR	(5)	  NO COMPAR <i>I</i> 	ABLE COURSE OR	
	Elementary Statistics STATIST 13Y	(4)		-	(4)
			<u>OR</u>  PSYC 330   	Introductory Statistics for the Behavioral Sciences	(3)
CHEM ZA	Genl Chemistry	(5)	CHEM 400	General Chemistry	(5)
			BIOL 300		(5)  (3)
				The Foundations of	(3)
	Everyday Biology	(4)	BIOL 300    BIOL 307   <u>OR</u>  BIOL 310	The Foundations of Biology Biology of Organisms General Biology	(3) (4) (4)
BIOLSCI 10 PL SCI 2	Everyday Biology Bot Physio Cul Plt	(4)	BIOL 300   <u>OR</u>  BIOL 307   <u>OR</u>  BIOL 310  NO COMPARA	The Foundations of Biology Biology of Organisms General Biology ABLE COURSE	(3) (4) (4)
BIOLSCI 10 PL SCI 2	Everyday Biology Bot Physio Cul Plt Intro Biology: Ecology & Evolution	(4)	BIOL 300   <u>OR</u>  BIOL 307   <u>OR</u>  BIOL 310  NO COMPARA  BIOL 410 8	The Foundations of Biology Biology of Organisms General Biology ABLE COURSE Principles of Botany Principles of Zoology	(4) (4) (4) (5)
BIOLSCI 10 PL SCI 2 BIOLSCI 2E	Everyday Biology Bot Physio Cul Plt Intro Biology: Ecology & Evolution OR Env Analysis	(4) (4) (4) (5)	BIOL 300    BIOL 307   OR  BIOL 310  NO COMPARA  BIOL 410 8  BIOL 420	The Foundations of Biology Biology of Organisms General Biology ABLE COURSE Principles of Botany Principles of Zoology OR ABLE COURSE	(4) (4) (4) (5)
BIOLSCI 10 PL SCI 2 BIOLSCI 2E ENV S&P 1 ENV S&P 30	Everyday Biology Bot Physio Cul Plt Intro Biology: Ecology & Evolution OR Env Analysis OR Global Ecosystem S: ENV SC&M 30	(4) (4) (5) (4)	BIOL 300 BIOL 307 BIOL 307 BIOL 310 NO COMPARA BIOL 410 <u>8</u> BIOL 420 NO COMPARA	The Foundations of Biology Biology of Organisms General Biology ABLE COURSE Principles of Botany Principles of Zoology OR ABLE COURSE OR ABLE COURSE	(4) (4) (4) (5)
BIOLSCI 10 PL SCI 2 BIOLSCI 2E ENV S&P 1 ENV S&P 30 Same as	Everyday Biology Bot Physio Cul Plt Intro Biology: Ecology & Evolution OR Env Analysis OR Global Ecosystem : ENV SC&M 30 OR Wildl Ecol Conserve	(4) (4) (5) (4) (3)	BIOL 300 DR BIOL 307 OR BIOL 310 NO COMPARA BIOL 410 8 BIOL 420 NO COMPARA NO COMPARA	The Foundations of Biology Biology of Organisms General Biology ABLE COURSE Principles of Botany Principles of Zoology OR ABLE COURSE OR ABLE COURSE OR ABLE COURSE	(4) (4) (4) (5)
BIOLSCI 10 PL SCI 2 BIOLSCI 2E ENV S&P 1 ENV S&P 30 Same as W&F BIO 10 W&F BIO 51	Everyday Biology Bot Physio Cul Plt Intro Biology: Ecology & Evolution OR Env Analysis OR Global Ecosystem ENV SC&M 30 OR Wildl Ecol Conserve OR Intro to Conservation Biology	(4) (4) (5) (4) (3) (4) (3)	BIOL 300 DR BIOL 307 OR BIOL 310 NO COMPARA NO COMPARA NO COMPARA NO COMPARA NO COMPARA NO COMPARA BIOL 350 Same as	The Foundations of Biology Biology of Organisms General Biology ABLE COURSE Principles of Botany Principles of Zoology OR ABLE COURSE OR ABLE COURSE OR ABLE COURSE OR ABLE COURSE OR Environmental Biology S: ENVT 304	(3) (4) (4) (4) (5) (5)
BIOLSCI 10 PL SCI 2 BIOLSCI 2E ENV S&P 1 ENV S&P 30 Same as W&F BIO 10 W&F BIO 51 FD S&T 1	Everyday Biology Bot Physio Cul Plt Intro Biology: Ecology & Evolution OR Env Analysis OR Global Ecosystem : ENV SC&M 30 OR Wildl Ecol Conserve OR Intro to Conservation Biology Food Sci Principles	(4) (4) (5) (4) (3) (4) (3) (3)	BIOL 300 OR BIOL 307 OR BIOL 310 NO COMPARA NO COMPARA NO COMPARA NO COMPARA BIOL 350 Same as NO COMPARA	The Foundations of Biology Biology of Organisms General Biology ABLE COURSE Principles of Botany Principles of Zoology OR ABLE COURSE OR ABLE COURSE OR Environmental Biology s: ENVT 304	(4) (4) (4) (5) (5) (3)
BIOLSCI 10 PL SCI 2 BIOLSCI 2E ENV S&P 1 ENV S&P 30 Same as W&F BIO 10 W&F BIO 51 	Everyday Biology Bot Physio Cul Plt Intro Biology: Ecology & Evolution OR Env Analysis OR Global Ecosystem : ENV SC&M 30 OR Wildl Ecol Conserve OR Intro to Conservation Biology Food Sci Principles	(4) (4) (5) (4) (3) (4) (3) (3)  (3)	BIOL 300 OR BIOL 307 OR BIOL 310 NO COMPARA NO COMPARA NO COMPARA NO COMPARA BIOL 350 Same as NO COMPARA NO COMPARA	The Foundations of Biology Biology of Organisms General Biology ABLE COURSE Principles of Botany Principles of Zoology OR ABLE COURSE OR ABLE COURSE OR ABLE COURSE OR Environmental Biology S: ENVT 304 ABLE COURSE	(3) (4) (4) (5) (5) (5) (3) (3)

Princ of Macroecon (4) ECON 302 Principles of Macroeconomics ECON 1B (3) _____ POL SCI 4 Bas Cnpt/Pol Thry (4) POLS 320 Introduction to (3) Political Theory _____ _____ ANTHRO 2 Cultural Anthropology (5) ANTH 310 Cultural Anthropology (3) OR OR SOCIOL 1 Intro Sociology (5) SOC 300 Introductory Sociology (3) OR OR SOCIOL 3 Social Problems (4) SOC 301 Social Problems (3) _____ CM&RGDE 1 The Community (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation _____ e) PHILOS 14 Eth Soc Prob in Soc (4) PHIL 310 Introduction to Ethics (3) OR OR PHILOS 15 Intro to Bioethics (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation OR OR PHILOS 24 Intro to Ethics (4) PHIL 310 Introduction to Ethics (3) _____

END OF MAJOR

- e) Students who complete PHIL 310 at Folsom Lake College will receive credit at UC Davis for PHILOS 14 or 24, not both
- d) Students who complete PHIL 320 at Folsom Lake College will receive credit at UC Davis for PHIL 5 or PHIL 12, not both

#### ====Sustainable Environmental Design B.S.====

### Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <u>transfer admission website</u>. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

### Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

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# Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

# College of Agricultural and Environmental Sciences (A&ES) General Education (GE) English Composition Requirement for the Bachelor's Degree:

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The College of A&ES English Composition requirement for the Bachelor's degree is an element of the UC Davis General Education (GE) pattern. This GE requirement may be satisfied by completing either two courses emphasizing written expression OR one course emphasizing written expression and one course emphasizing oral expression, with a grade of C- (or P) or better. The following UC Davis lower-division courses are among those that have been approved to satisfy this requirement: English 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (emphasis in either writing or speaking skills). The English Composition requirement may also be met by achieving a score of 4 or 5 on the Advanced Placement (AP) English examination PLUS completing any previously listed course, EXCEPT English 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

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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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Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

**AP and** IB examination credit policies are detailed in the UC Davis 2018-19 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

COMUNCN 1 Intro Public Spkg	(4) COMM 301 Introduction to Public (3) Speaking
ENGLISH 3 Intro to Lit	(4) ENGWR 301 College Composition (3) and Literature OR
UWRITING 1 Expository Writing OR	(4) ENGWR 300 College Composition (3) OR
UWRITING 48 Style in the Essay Formerly UWRITING 18 OR UWRITING 49 Writing Research Papers Formerly UWRITING 19	(4) ENGWR 302 Advanced Composition (3) and Critical Thinking OR (4) NO COMPARABLE COURSE
BIOLSCI 2B Intro Biology: Ecolog	gy (5) BIOL 410 <u>&amp;</u> Principles of Botany (5)

 

 & Evolution
 BIOL 420
 Principles of Zoology (5)

 ALL OF THE FOLLOWING COURSES:

 LND ARC 1
 Intro Environ Design
 (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation

 LND ARC 2
 Place,Culture,Community
 (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation

 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 COURSE ARTICULATED: College has not submitted course(s) for articulation

 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

END OF MAJOR

# ====Textiles and Clothing B.S. (Marketing/Economics)==== IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

The undergraduate major Textiles and Clothing in the College of Agricultural and Environmental Sciences is suspended for 2019-20, and fall 2019 TAGs will not be available.

### Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is <u>highly recommended</u> that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. See the U<u>C Transfer Admission website</u> for details. UC Davis requires that students complete the minimum transfer admission requirement by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

## Transfer Admission Guarantee (TAG) Note:

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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 U<u>C Transfer Admission website</u>. The courses used for the A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

# Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

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PL SCI 21	Computers in Technology	(3)			ARTICULATED: College has	
			subm	itted	course(s) for articulati	on
	OR		İ		OR	
B) ENG CS 15	Intro to Computers	(4)	CISC	310	Introduction to	(3)
			İ		Computer Information	
			İ		Science	
	OR		İ		OR	
ENG CS 36A P	rogramming	(4)	CISP	360	Introduction to	(4)
Formerly E	NG CS 30		İ		Structured Programming	ſ
			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.

ECON 1A	Princ of Microecon	(4)   ECON 304	Principles of	(3)
			Microeconomics	
ECON 1B	Princ of Macroecon	(4)   ECON 302	Principles of	(3)
			Macroeconomics	

	4 QUARTER UNITS	FRO	M THE	FOLLOW	ING:	
ANTHRO 2	Cultural Anthropology <b>OR</b>	(5)	ANTH 	310	Cultural Anthropology <b>OR</b>	(3)
SCI&SOC 1	Critical Inquiry into Contemporary Issues	(4)	NO CO	OMPARAB:		
ARTHI 1A	OR Ancient Mediterranean Art OR	(4)	   ARTH 	303	OR Art Survey: Ancient to 14th Century OR	(3)
ARTHI 1B	Mediev&Renaiss Art	(4)	   ARTH   	309	Art Survey: Renaissance to 19th Century	(3)
ARTHI 1C	<b>OR</b> Baroque to Modern Art <b>OR</b>	(4)	  ARTH 	311	OR Art Survey: Modern Art OR	(3)
	Arts of Asia	(4)	  ARTH	332	Asian Art	(3)
	ALL OF THE F	OLLO	WING (	COURSES	 :	
PHYSICS 1A	Principles Physics OR					(4)
	Topics,Nonscientists				Conceptual Physics	
	General Psychology	(4)	PSYC		General Principles	
	Self and Society					
STATIST 13	Elementary Statistics STATIST 13Y	(4)	STAT       01			(4)
					Introductory Statistics for the Behavioral Sciences	(3)
TEX&CL 6 TEX&CL 7 TEX&CL 8	Style & Cult Std	(4)	NO CO	OMPARAB		
MGMT 11B		(4) (4)	ACCT  ACCT	301 311	Financial Accounting Managerial Accounting	(4) (4)
	Concept of Chem OR	(4)	NO C(	OMPARAB	LE COURSE OR	
CHEM 2A	Genl Chemistry	(5)	CHEM		General Chemistry	(5)
	Short Calculus Short Calculus			400	Calculus I Calculus II 	(5) (5)

### RESTRICTED ELECTIVES (12 QUARTER UNITS):

AGRESEC 18Business Law(4) | BUS 341Advanced Business Law(3)DESIGN 77Intro to Fashion Design(4) | NO COMPARABLE COURSEMATH 16CShort Calculus(3) | MATH 401Calculus II(5)Foreign language units may be used to satisfy any or all of the required 12units.

END OF MAJOR

B) UCD ENG CS 15 not intended for Computer Science or Computer Science

Engineering majors. Only two units of credit allowed to students who have completed PLT SCI 21.

====Textiles and Clothing B.S. (Textile Science)==== <u>IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:</u> The undergraduate major Textiles and Clothing in the College of Agricultural and Environmental Sciences is suspended for 2019-20, and fall 2019 TAGs will not be available.

# Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is <u>highly recommended</u> that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. See the UC Transfer Admission website for details. UC Davis requires that students complete the minimum transfer admission requirement by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

# Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

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Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General

Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

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# College of Agricultural and Environmental Sciences (A&ES) General Education (GE) English Composition Requirement for the Bachelor's Degree:

The College of A&ES English Composition requirement for the Bachelor's degree is an element of the UC Davis General Education (GE) pattern. This GE requirement may be satisfied by completing either two courses emphasizing written expression OR one course emphasizing written expression and one course emphasizing oral expression, with a grade of C- (or P) or better. The following UC Davis lower-division courses are among those that have been approved to satisfy this requirement: English 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (emphasis in either writing or speaking skills). The English Composition requirement may also be met by achieving a score of 4 or 5 on the Advanced Placement (AP) English examination PLUS completing any previously listed course, EXCEPT English 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC transfer students who have successfully completed the IGETC lower-division coursework are exempt from all GE requirements that may be met with lower-division courses. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer admission. See the U<u>C Transfer Admission website</u>. The courses used for the A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

## Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

**AP and** IB examination credit policies are detailed in the UC Davis 2018-19 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

PL SCI 21 Computers in Technology (3) NO COURSE ARTICULATED: College has not

lation
(3)
on
(4)
ning
C

Please note that the community college's computer science courses may not be identical to UC Davis courses. Community college students, upon transfer to UC Davis, may need to make up any topic or language deficiencies.

ECON 1A	Princ of Microecon	(4)	ECON	304	Principles of Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON	302	Principles of Macroeconomics	(3)
	4 QUARTER UNITS	FROM	1 THE	FOLLOW	ING:	
ANTHRO 2	Cultural Anthropology <b>OR</b>	(5)	ANTH	310	Cultural Anthropology <b>OR</b>	(3)
SCI&SOC 1	Critical Inquiry into Contemporary Issues	(4)	NO CO	)MPARAB	LE COURSE	
	OR				OR	
ARTHI 1A	Ancient Mediterranean Art	(4)	ARTH	303	Art Survey: Ancient to 14th Century	(3)
	OR	ł			OR	
					<u></u>	

ARTHI 1B Mediev&Renaiss Art (4) ARTH 309 Art Survey: (3) Renaissance to 19th Century OR OR

ARTHI 1C	Baroque to Modern Art	(4)	ARTH	311		(3)
ARTHI 1D	<b>OR</b> Arts of Asia	(4)	  ARTH	332	<b>OR</b> Asian Art	(3)
	ALL OF THE FO					
PHYSICS 1A	Principles Physics <b>OR</b>	(3)	PHYS	350	_	(4)
PHYSICS 10	Topics, Nonscientists	(4)	   PHYS			(3)
	General Psychology			300	General Principles	(3)
	Self and Society					
	Elementary Statistics STATIST 13Y	(4)			Introduction to Probability and Statistics	(4)
			<u>01</u>  PSYC   	<u>8</u> 330	Introductory Statistics for the Behavioral Sciences	(3)
TEX&CL 8	Intro Textiles Style & Cult Std Textile Apparel Ind	(4)	NO CO	OMPARAB		
CHEM 2A	Genl Chemistry Genl Chemistry	(5)	CHEM	400 <u>&amp;</u>	General Chemistry General Chemistry General Chemistry	(5)
CHEM 8A CHEM 8B	Organic Chem-Brief Organic Chem-Brief	(2) (4)	NO CO	OMPARAB OMPARAB		
 МАТН 16А	Short Calculus	(3)	   MATH	400	Calculus I	(5)
	RESTRICTED ELECTIVES	(16	OUAR	TER UNI	 TS):	
AGRESEC 18	Business Law				Advanced Business Law	(3)
		(5)	CHEM	401	General Chemistry	(5)
CHEM 128A	Organic Chemistry	(3)	CHEM	420	Organic Chemistry	(5)
CHEM 128B	Organic Chemistry Organic Chemistry	(3)	CHEM	420 <b>&amp;</b>	Organic Chemistry	(5)
	5 1	. ,	CHEM		Organic Chemistry	(5)
CHEM 128C	Organic Chemistry	(3)	CHEM		Organic Chemistry	(5)
DESIGN 77	Intro to Fashion Design				LE COURSE	. ,
MGMT 11A	Elem Accounting		ACCT		Financial Accounting	(4)
MGMT 11B	Elem Accounting			311	Managerial Accounting	(4)
MATH 16B	Short Calculus			401	Calculus II	(5)
MATH 16C				401		(5)
					LE COURSE	( - )
	nguage units may be used to					
END OF MAJO	DR					

B) UCD ENG CS 15 not intended for Computer Science or Computer Science Engineering majors. Only two units of credit allowed to students who have completed PLT SCI 21.

## ====Theatre and Dance A.B.====

# Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation. Transfer students must also meet UC transfer admission requirements. For details, see the UC Davis <u>transfer admission webpage</u>. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration, it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

All students completing a major in theatre and dance must participate in dramatic productions, including work in at least two of the following three areas: acting/dance; design (scenic, costume, lighting, painting, props, sound); directing/playwriting/stage management and crew assignments. Transfer students should see the major advisor at UC Davis for an evaluation of their previous experience.

# Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <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:

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AP and IB examination credit policies are detailed in the UC Davis 2018-19  $\frac{\text{General Catalog}}{\text{available from our TAG website.}}$ 

NOTE: Lower-division preparation for the Honors A.B. major in Theatre and Dance is the same as that below.

#### ONE COURSE FROM THE FOLLOWING:

DRAMART 21A	Fundamentals of Act	(4)   TA 350 Theory and Techniques of (3	)
		Acting I	
DRAMART 40A	Beg Modern Dance	(2)   DANCE 330 Modern Dance I (1	)
DRAMART 40B	Int Modern Dance	(2) NO COMPARABLE COURSE	
DRAMART 42A	Beg Ballet	(2) DANCE 320 Ballet I (1	)
DRAMART 42B	Inter Ballet	(2) DANCE 321 Ballet II (1	)

_____ ALL OF THE FOLLOWING COURSES: DRAMART 28 Stagecraft & Management (4) NO COURSE ARTICULATED: College has not 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 TA 302 History and Theory of (3) the Theatre I DRAMART 56B Hist Theatre Dance II (4) NO COURSE ARTICULATED: College has not submited course(s)for articulation TA 302 & History and Theory of (3) the Theatre I History and Theory of TA 303 (3) the Theatre II DRAMART 56C Hist Theatre Dance III (4) NO COURSE ARTICULATED: College has not submited course(s) for articulation TA 303 History and Theory of (3) the Theatre II _____

END OF MAJOR

====Viticulture and Enology B.S.====

Special Advising Note:

# REQUIREMENTS FOR ADMISSION:

(for 2019-20)

This major is selective and requires preparatory coursework for admission. Any required courses that are offered at your current campus must be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses are not offered at your college, you must complete them after enrolling at UC Davis.

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 3.00 for the group. It is required that candidates have a cumulative GPA of at least 3.00 for courses in the group below that have been completed by the time of application and maintain the GPA through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

> General Chemistry 2A/B/C Organic Chemistry 8A Mathematics 16A Physics 1A/B or 7A Biological Sciences 2A

It is strongly recommended that students complete courses comparable to the following UC Davis courses; if taken, the student must have a GPA of at least 3.00 for the entire group of courses listed above and below. Courses must be taken for a letter grade, with no grade less than C:

Organic Chemistry 8B Mathematics 16B Plant Sciences 2

Transfer students must also meet UC transfer admission requirements. UC Davis requires that students complete the minimum transfer admission requirements by

the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

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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 of Agricultural and Environmental Sciences (A&ES) General Education (GE) English Composition Requirement for the Bachelor's Degree:

The College of A&ES English Composition requirement for the Bachelor's degree is an element of the UC Davis General Education (GE) pattern. This GE requirement may be satisfied by completing either two courses emphasizing written expression OR one course emphasizing written expression and one course emphasizing oral expression, with a grade of C- (or P) or better. The following UC Davis lower-division courses are among those that have been approved to satisfy this requirement: English 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (emphasis in either writing or speaking skills). The English Composition requirement may also be met by achieving a score of 4 or 5 on the Advanced Placement (AP) English examination PLUS completing any previously listed course, EXCEPT English 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC transfer students who have successfully completed the IGETC lower-division coursework are exempt from all GE requirements that may be met with lower-division courses. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer admission. See the UC Transfer Admission website. The courses used for the A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

### Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

**AP and** IB examination credit policies are detailed in the UC Davis 2018-19 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

BIOLSCI 2A	Intro Biology:Life on Earth	(5) BIOL 400 Principles of Biolog	r (5)
	OR	OR	
PL SCI 2	Bot Physio Cul Plt	(4)   NO COMPARABLE COURSE	
CHEM 2A CHEM 2B CHEM 2C	Genl Chemistry Genl Chemistry Genl Chemistry	<pre>(5) CHEM 400 General Chemistry (5) CHEM 400 &amp; General Chemistry CHEM 401 General Chemistry (5) CHEM 401 General Chemistry</pre>	(5) (5) (5) (5)
CHEM 8A CHEM 8B	Organic Chem-Brief Organic Chem-Brief	(2) NO COMPARABLE COURSE (4) NO COMPARABLE COURSE	(
PL SCI 21	Computers in Technology	(3) NO COURSE ARTICULATED: College h  submitted course(s) for articula	

### OR EQUIVALENT AND advisor APPROVAL

MATH 16A MATH 16B	Short Calculus Short Calculus	(3)   MATH 400 Calcul (3)   MATH 401 Calcul	
PHYSICS 1A	Principles Physics AND		Il Physics (4)
PHYSICS 1B	Principles Physics <b>OR</b>	(3) PHYS 360 Genera	l Physics (4) OR
PHYSICS 7A	General Physics		l Physics (4) l 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.

d) VIT-ENO 2	Intro to Viticult	(2) VITI 300	Viticulture and Enology	(3)
d) VIT-ENO 3	Intro Winemaking	(3) VITI 300	Viticulture and Enology	(3)

### END OF MAJOR

d) Students at Folsom Lake College who take VITI 300 will receive credit at UC Davis for VIT-ENO 2 or 3, not both.

# ====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 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 U<u>C Transfer Admission website</u> for details. UC Davis requires that students complete the minimum transfer admission requirement by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

#### _____

### Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> for details regarding UC Davis TAG.

# Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

# College of Agricultural and Environmental Sciences (A&ES) General Education (GE) English Composition Requirement for the Bachelor's Degree:

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The College of A&ES English Composition requirement for the Bachelor's degree is an element of the UC Davis General Education (GE) pattern. This GE requirement may be satisfied by completing either two courses emphasizing written expression OR one course emphasizing written expression and one course emphasizing oral expression, with a grade of C- (or P) or better. The following UC Davis lower-division courses are among those that have been approved to satisfy this requirement: English 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (emphasis in either writing or speaking skills). The English Composition requirement may also be met by achieving a score of 4 or 5 on the Advanced Placement (AP) English examination PLUS completing any previously listed course, EXCEPT English 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC transfer students who have successfully completed the IGETC lower-division coursework are exempt from all GE requirements that may be met with lower-division courses. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer admission. See the U<u>C Transfer Admission website</u>. The courses used for the A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English

courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

# Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

UWRITING 1	Expository Writing AND	(4)	ENGWR 300	College Composition AND	(3)
COMUNCN 1	Intro Public Spkg	(4)	COMM 301	Introduction to Public Speaking	2 (3)
	OR		ĺ	OR	
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	COMM 321	Interpersonal Communication	(3)
	OR			OR	
DRAMART 10	Intro To Acting	(4)		ARTICULATED: College has course(s) for articulati	
Note: Comple College requ	eting UWP 1 and Communica airements.	tion 3			

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 	400	Principles of Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	<u>'</u> .	410 <u>&amp;</u> 420	Principles of Botany Principles of Zoology	(5) (5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		410 <u>&amp;</u> 420	Principles of Botany Principles of Zoology	(5) (5)
CHEM 2A CHEM 2B	Genl Chemistry Genl Chemistry		CHEM		General Chemistry General Chemistry General Chemistry	(5) (5) (5)
CHEM 8A CHEM 8B	Organic Chem-Brief Organic Chem-Brief	• •	1		BLE COURSE BLE COURSE	
MATH 16A MATH 16B	Short Calculus Short Calculus		MATH  MATH		Calculus I Calculus II	(5) (5)
PHYSICS 1A PHYSICS 1B	Principles Physics Principles Physics		PHYS   PHYS		General Physics General Physics	(4) (4)

ONE COURSE FROM THE FOLLOWING (3-4 QUARTER UNITS):

W&F BIO 10	Wildl Ecol Conserve	(4)	NO CC	OMPARA	BLE COURSE
W&F BIO 50	Calif Wild Vertebrates	(3)	NO CO	OURSE	ARTICULATED: College has not
			submi	itted	course(s) for articulation
W&F BIO 51	Intro to Conservation	(3)	BIOL	350	Environmental Biology (3)
	Biology		Sa	ame as	: ENVT 304
RECOM	IMENDED COURSES FOR THE WI	LDLI	FE HE#	ALTH A	REA OF SPECIALIZATION:
CHEM 2C	Senl Chemistry	(5)	CHEM	401	General Chemistry (5)
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM	420	Organic Chemistry (5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM	420 <u>&amp;</u>	Organic Chemistry (5)
			CHEM	421	Organic Chemistry (5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM	421	Organic Chemistry (5)
PHYSICS 7A	General Physics	(4)	PHYS	350 <u>&amp;</u>	General Physics (4)
			PHYS	360	General Physics (4)

PHYSICS 7B	General Physics	(4)	PHYS	350	&	General H	Physics	(4)
			PHYS	360	_	General H	Physics	(4)
PHYSICS 7C	General Physics	(4)	PHYS	350	&	General H	Physics	(4)
			PHYS	360		General I	Physics	(4)

END OF MAJOR

### ====Worksheet UGA (ENG)====

IMPORTANT ADVISORY REGARDING THIS WORKSHEET

This worksheet serves as an administrative tool and should not be used to determine specific major preparation for UC Davis College of Engineering majors.

View the "By Major" section of ASSIST to best assess the requirements for your major of interest.

This worksheet provides a listing of lower-division preparatory courses required for certain College of Engineering majors and may be helpful in correlation with review of the College of Engineering Transfer Credit Agreements (engineering grids) available at <a href="http://engineering.ucdavis.edu/transfer-credit-agreements/">http://engineering.ucdavis.edu/transfer-credit-agreements/</a>

MATH 21A	Calculus	(4)	MATH	400	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH	401	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH	402	Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH	402	Calculus III	(5)
матн 22а	Linear Algebra	(3)	MATH 	410	Introduction to Linear Algebra	(3)
MATH 22B	Differntl Equations	(3)	MATH	420	Differential Equations	(4)
CHEM 2A	Genl Chemistry	(5)	CHEM	400	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM  CHEM	400 <u>&amp;</u> 401	General Chemistry General Chemistry	(5) (5)
CHEM 2C	Genl Chemistry	(5)	CHEM	401	General Chemistry	(5)
CHEM 8A	Organic Chem-Brief	(2)	NO C(	OMPARAB	LE COURSE	
CHEM 8B	Organic Chem-Brief	(4)	NO CO	OMPARAB	LE COURSE	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM	420	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM   CHEM	420 <u>&amp;</u> 421	Organic Chemistry Organic Chemistry	(5) (5)
CHEM 128A	Organic Chemistry	(3)	CHEM	420	Organic Chemistry	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM   CHEM	420 <u>&amp;</u> 421	Organic Chemistry Organic Chemistry	(5) (5)
CHEM 129A	Organic Chem Lab	(2)	CHEM	420	Organic Chemistry	(5)
PHYSICS 9A	Classical Physics	(5)	PHYS 	411	Mechanics of Solids and Fluids	(4)
PHYSICS 9B	Classical Physics	(5)	PHYS 	431	Heat, Waves, Light and Modern Physics	(4)

PHYSICS 9C	Classical Physics	(5)	PHY 	S	421	Electricity and Magnetism	(4)
PHYSICS 9D	Modern Physics	(4)	NO	CO	MPARAI	BLE COURSE	
BIMEDEN 20	Fundamentals of Bioengineering	(4)	NO 	CO	MPARAI	BLE COURSE	
ENGIN 4 (	Graphics in Design	(3)	ENG	SR.	312	Engineering Graphics	(3)
ENGIN 6	Engr Prob Solving	(4)	NO	CO	MPARAI	BLE COURSE	
ENGIN 17	Circuits I	(4)	   ENG   	 FR	400	Introduction to Electrical Circuits and Devices	(3)
ENGIN 35	Statics	(4)	ENG	 BR	420	Statics	(3)
ENGIN 45	Prop of Mats	(4)	NO	CO	MPARAI	BLE COURSE	
ENG CS 20	C Sci/Discrete Math	(4)	CIS 	SP	440	Discrete Structures for Computer Science	(3)
	Programming ENG CS 30	(4)	CIS   	SP	360	Introduction to Structured Programming	(4)
	Object-Oriented Program ENG CS 40	(4)	CIS 	SP	400	Object Oriented Programming with C++	(4)
ENG CS 50	Machine Dependent Prog	(4)	CIS   	SP	310	Assembly Language Programming for Microcomputers	(4)
	Data Structures ENG CS 60	(4)	  CIS 	SP	430	Data Structures	(4)
ENG BS 1	Biosys Engr Fndts					BLE COURSE	
ENG BS 75	Prop Mat in Bio Sys	(4)	NO	CO	MPARA		
ENG MEC 50	Mfg Processes	(4)	NO	CO	MPARA	BLE COURSE	
ENG CHM 51	Material Balances	(4)	NO	CO	MPARA	BLE COURSE	
ENG CHM 60	Engineering Problem Solv	(4)	NO	CO	URSE A	ARTICULATED	
ENG CHM 80	Chem Engr Profession	(1)	NO	CO	MPARA	BLE COURSE	
ENG E&C 7 1	Prog & Microcontrollers	(4)	NO 	CO	URSE A		
	Expository Writing						
	Intro to Lit					College Composition and Literature	(3)
COMUNCN 1	Intro Public Spkg	(4)	CO№ 	ΙM	301	Introduction to Public Speaking	
	Intprsnl Com Cmpetnce						

END OF MAJOR			
ATM SCI 60	Intro to Atmospheric Science	NO COMPARABLE COURSE 	1
i) GEOLOGY 50	Physical Geology	GEOL 300 Physical	Geology (3)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	BIOL 410 <u>&amp;</u> Principl  BIOL 420 Principl 	es of Botany (5). es of Zoology (5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	_	es of Botany (5). es of Zoology (5)
BIOLSCI 2A	Intro Biology:Life on Earth	BIOL 400 Principl	es of Biology (5).

i) If a student takes GEOL 300 at Folsom Lake College, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.