Articulation Guide by Major

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

Effective during the 18-19 Academic Year

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

Special Advising Note:

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

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

END OF MAJOR

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

ONE COURSE FROM THE FOLLOWING:

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

ONE COURSE FROM THE FOLLOWING:

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

ONE COURSE FROM THE FOLLOWING:

ANTHRO 2	Cultural Anthropology	(5)	ANTHRO 103	Cultural Anthropology	(3)
ECON 1A	Princ of Microecon	(4)	ECON 202	Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 201	Macroeconomics	(3)
SOCIOL 1	Intro Sociology	(5)	SOCI 101 	Introduction to Sociology	(3)
POL SCI 1	Amer Natl Govt	(4)	POLISC 150	Introduction to American Government and Politics	(3)
POL SCI 2	Intro Comp Politics	(4)	POLISC 250	Comparative Government and Politics	(3)
PSYCH 1	General Psychology	(4)	PSYCH 101	Introduction to Psychology	(3)
			<u>OR</u> PSYCH 101H 	Introduction to Psychology - Honors	(3)

ONE COURSE FROM THE FOLLOWING:

AMR STD 10 A A STD 1 A A STD 2	Contemp Issues of Asiar Americans	(4) NO COMPARABLE COURSE (4) NO COMPARABLE COURSE (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (4) NO COMPARABLE COURSE (4) NO COMPARABLE COURSE (4) NO COMPARABLE COURSE				
		submitted course(s) for articulation				
	TIMO COURSES	EDON BUE FOLLOWING.	-			
TWO COURSES FROM THE FOLLOWING:						
HISTORY 15A	Africa to 1900	(4) NO COURSE ARTICULATED				
HISTORY 15B	Africa Today	(4) NO COURSE ARTICULATED				
HISTORY 17A	U.S. History	(4) HIST 111 United States History (3))			
		I				
HISTORY 17B	U.S. History	(4) HIST 112 United States History (3))			
	4 QUARTER UNITS FROM THE FOLLOWING:					
AF-AMST 16	African Verbal Arts	(4) NO COMPARABLE COURSE				
		(4) NO COMPARABLE COURSE				
	-	(2) NO COMPARABLE COURSE				
	Inter Jazz Dance	(2) NO COMPARABLE COURSE				
DRAMART 44A	Beg Hip Hop Dance	(2-4) NO COURSE ARTICULATED: College has not	٦.			
		submitted course(s) for articulation				
DRAMART 44B	Inter Hip Hop Dance	(2-4) NO COURSE ARTICULATED: College has not	C.			
		submitted course(s) for articulation				
MUSIC 28	Introduction to African	(4) NO COMPARABLE COURSE				
	American Music					

END OF MAJOR

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

HISTORY 17A U.S. History (4) | HIST 111 United States History (3) I

OR | OR | OR

POL SCI 1 Amer Natl Govt (4) | POLISC 150 Introduction to American Government and Politics

AN SCI 1 AN SCI 2	Domest Ani & People Intro Animal Sci	(4) (4)	NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE
AN SCI 21 AN SCI 41	Intro Animal Sci Livestock&Dairy Jdg Domestic Ani Prod	(2)	NO COMPARABLE COURSE
			NO COURSE ARTICULATED: College has not submitted course(s)for articulation
	Fld Equip Oper		
ABIOSYT 52	Field Equip Welding	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
AGRESEC 15	Pop,Envr,World Agri AND		AND
ECON 1A	Princ of Microecon OR	(4)	ECON 202 Microeconomics (3) OR
ECON 1B	Princ of Macroecon	(4)	ECON 201 Macroeconomics (3)
ENVHORT 1	Intro Envhort/Urb For	(3)	NO COMPARABLE COURSE
ENVHORT 6	Intro Environ Plants Plants Gard, Orch & Land	(4)	NO COMPARABLE COURSE
FORMERLY P			
ENV S&P 10	Current Issues in Environment	(3)	NO COMPARABLE COURSE
			ents who have completed ENV S&P 1
ENV TOX 10	Intro Environ Toxicology	(3)	NO COMPARABLE COURSE
		(3)	NO COURSE ARTICULATED: College has not
Same as	: SCI&SOC 10		submitted course(s) for articulation
PL SCI 1	Agr Nature & Society	(3)	NO COMPARABLE COURSE
	Bot Physio Cul Plt		
PL SCI 15	Intro Sustainable Agriculture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PL SCI 49		(3)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
VIT-ENO 2			NO COMPARABLE COURSE
VIT-ENO 3	Intro Winemaking	(3)	NO COMPARABLE COURSE
	ALL OF THE F	'OLLO	WING COURSES:
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSCI 107 Molecular and (4) Cellular Biology OR
			BIOSCI 107H Molecular and (4) Cellular Biology - Honors
BIOLSCI 2B	Intro Biology: Ecology & Evolution		BIOSCI 106 Organismal and (4) Environmental Biology
			CHEM 201 General Chemistry I (6)
			CHEM 201H General Chemistry I - (6) Honors
CHEM 2B	Genl Chemistry	(5)	CHEM 201 & General Chemistry I (6)
			CHEM 202 General Chemistry II (5)
	1 The Earth	(4)	GEOL 101 Physical Geology (3)
			GEOL 105 Geology of California (3)
SOILSCI 10	Soils in Our Environment	(3)	NO COMPARABLE COURSE
	Short Calculus		MATH 211 Calculus I (5)
7.1.111 TOA	SHOLD CALCALAS	(3)	1 211 Catcatas 1 (3)

MATH 16B	Short Calculus	(3)	MATH 212 (Calculus II	(5)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	NO COURSE ART	FICULATED: College h	nas not
			submitted cou	urse(s) for articula	ation
MATH 17B	Calculus for Biosci	(4)	NO COURSE ART	FICULATED: College h	nas not
			submitted cou	urse(s) for articula	ation
	OR			OR	
MATH 21A	Calculus	(4)	MATH 211 (Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212 (Calculus II	(5)
PHYSICS 7A	General Physics	(4)	PHYSIC 110 &	General Physics I	(4)
			PHYSIC 111	General Physics Il	(4)
PHYSICS 7B	General Physics	(4)	PHYSIC 110 &	General Physics I	(4)
			PHYSIC 111	General Physics II	(4)

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

END OF MAJOR

f) If a student takes GEOL 101 at College of the Canyons, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.

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

Special Advising Note:

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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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College Foreign Language Requirement Note:

information.

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

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

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AMD CED 10 There amonique Chudica (4) NO COIDCE ADELOUIATED. College has not

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

ONE COURSE FROM THE FOLLOWING:

AM!	R STD	1A	Science and American Culture	(4)	NO	COMPARA	ABLE COU	JRSE		
AMI	R STD	1B	Relig in Am Lives	(4)	NO	COMPARA	ABLE COU	JRSE		
AMI	R STD	1C	American Lives	(4)	NO	COMPARA	ABLE COU	JRSE		
AMI	R STD	1E	Nat&Cult Amr	(4)	NO	COMPARA	ABLE COU	JRSE		
AMI	R STD	5	Tech in Amr Lives	(4)	NO	COMPARA	ABLE COU	JRSE		
AM	R STD	21	Objects & Everyday Life	(4)					College articul	
AM	R STD	25	U.S. as Business Culture	(4)	!				College articul	
AM	R STD	30	Amr Images Pop Cult	(4)	ио	COMPARA	BLE COU	JRSE		
AM			Food in Amer Culture FD S&T 55	(4)					College articul	
AMI	R STD	59	Music and American Culture	(4)	!				College rticulat	not

ONE COURSE FROM THE FOLLOWING:

AF-AMST 10	Af-Am Culture & Soc	(4) NO COMPARABLE COURSE
A A STD 1	Hist Exp Asian Am	(4) NO COMPARABLE COURSE
CHICANO 10	Intro to Chic Std	(4) NO COMPARABLE COURSE
N A STD 1	Intro NA Studies	(4) NO COMPARABLE COURSE

ONE COURSE FROM THE FOLLOWING:

ANTHRO 2	Cultural Anthropology	(5) ANTHRO 103 Cultural (3)
		Anthropology
SOCIOL 2	Self and Society	(4) NO COMPARABLE COURSE
WOM STD 50	Intro Gender Studies	(4) NO COURSE ARTICULATED: College has not
		submitted course(s) for articulation

ONE COURSE FROM THE FOLLOWING:

HISTORY 17A U.S. History (4) | HIST 111 United States History (3)

HISTORY 17B	U.S. History	(4) HIST 112	I United States History II	(3)
HISTORY 72A HISTORY 72B	Am Women & Gender Am Women & Gender	(4) NO COMPARAB		

ONE COURSE FROM THE FOLLOWING:

ENGLISH 3 Intro to Lit	(4)	NO COURSE	ARTICULATED: College has not
		submitted	course(s)for articulation
ENGLISH 10A Literatures in English	(4)	ENGL 250	British Literature I (3)
I: To 1700			
b) ENGLISH 10B Literatures in	(4)	ENGL 251	British Literature II (3)
English II:		OR	
1700-1900		ENGL 260	American Literature I (3)
b) ENGLISH 10C Literatures in	(4)	ENGL 251	British Literature II (3)
English III: 1900		OR	
to Present		ENGL 261	American Literature II (3)
FILM ST 1 Intro to Film Studies	(4)	NO COURSE	ARTICULATED: College has not
		submitted	course(s) for articulation

Formerly Humanities 10

END OF MAJOR

b) If a student takes ENGL 251 at College of the Canyons, credit will be given for UC Davis's ENGLISH 10B Or ENGLISH 10C, not both; maximum credit one course at UC Davis.

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

Special Advising Note:

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

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

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

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

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

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BIOLSCI	2A	Intro Biology:Life on Earth	(5)	İ	Molecular and Cellular Biology	(4)
				<u>OR</u> BIOSCI 107H 	Molecular and Cellular Biology - Honors	(4)
BIOLSCI	2В	Intro Biology: Ecology & Evolution	(5)	 BIOSCI 106 	Organismal and Environmental Biology	(4)
BIOLSCI	2C	<pre>Intro Biology: Biodiversity & the Tree of Life</pre>	(5)	BIOSCI 106 	Organismal and Environmental Biology	(4)
CHEM 2A	Gei	nl Chemistry	(5)	 CHEM 201 OR	General Chemistry I	(6)
				CHEM 201H	General Chemistry I -	(6)

			Honors
CHEM 2B	Genl Chemistry	(5)	CHEM 201 & General Chemistry I (6)
			CHEM 202 General Chemistry II (5)
CHEM 2C	Genl Chemistry	(5)	CHEM 202 General Chemistry II (5)
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE
	OR		OR
CHEM 118A CHEM 118B	Org Chem, Hlth & Sci	. ,	CHEM 255 Organic Chemistry I (5)
CHEM 110B	Org Chem, Hlth & Sci	(4)	CHEM 255 & Organic Chemistry I (5) CHEM 256 Organic Chemistry II (5)
MATH 16A	Short Calculus		MATH 211 Calculus I (5)
MATH 16B	Short Calculus		MATH 212 Calculus II (5)
MATH 16C	Short Calculus	(3)	MATH 212 Calculus II (5)
MATH 17A	OR Calculus for BioSci	(4)	OR NO COURSE ARTICULATED: College has not
111111 1 / 11	carcarab for brober	(- /	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
Marrit 01a	OR Calculus	(1)	OR MATH 211 Calculus I (5)
MATH 21A MATH 21B	Calculus		MATH 211 Calculus I (5) MATH 212 Calculus II (5)
MATH 21B	Calculus		MATH 213 Calculus III (5)
			(3)
PHYSICS 7A	General Physics	(4)	PHYSIC 110 & General Physics I (4)
			PHYSIC 111 General Physics II (4)
PHYSICS 7B	General Physics	(4)	PHYSIC 110 & General Physics I (4)
DIRVITAG 7A	Company Dharai an	(1)	PHYSIC 111 General Physics II (4)
PHYSICS 7C	General Physics	(4)	PHYSIC 110 & General Physics I (4) PHYSIC 111 General Physics II (4)
It is high	ly recommended that student	.s coi	mplete an entire physics series at
			t to the entire UC Davis Physics 7A/B/C
series bef	ore transferring. Students	who	transfer without completing an entire
			physics courses upon arrival at UC
	will need to meet with a U	C Da	vis advisor before continuing with
physics.			
STATIST 13	Elementary Statistics	(4)	MATH 140 Introductory (4)
	: STATIST 13Y	(1)	Statistics
			OR
			MATH 140H Introductory (4)
			Statistics - Honors
			<u>OR</u>
			PSYCH 104 Statistics for the (3)
			Behavioral Sciences
AN BIOL 50	A Animal Biol Lab	(2)	NO COMPARABLE COURSE
AN BIOL 50			NO COMPARABLE COURSE
AN DEGI FO	a	(2)	NO COMPADADE COURCE

END OF MAJOR

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

AN BIOL 50C Animal Biology (3) NO COMPARABLE COURSE

Special Advising Note:

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

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

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

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

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available from our TAG website.	
AN SCI 1 Domest Ani & People AN SCI 2 Intro Animal Sci	
BIOLSCI 2A Intro Biology:Life on Earth	
	BIOSCI 107H Molecular and (4) Cellular Biology - Honors
BIOLSCI 2B Intro Biology: Ecolog & Evolution	gy (5) BIOSCI 106 Organismal and (4) Environmental Biology
BIOLSCI 2C Intro Biology: Biodiversity & the Trof Life	(5) BIOSCI 106 Organismal and (4) ree Environmental Biology
CHEM 2A Genl Chemistry	(5) CHEM 201 General Chemistry I (6) OR CHEM 201H General Chemistry I - (6)
CHEM 2B Genl Chemistry	Honors (5) CHEM 201 & General Chemistry I (6) CHEM 202 General Chemistry II (5)
CHEM 8A Organic Chem-Brief CHEM 8B Organic Chem-Brief	(2) NO COMPARABLE COURSE
PL SCI 21 Computers in Technolog OR B) ENG CS 15 Intro to Computers	gy (3) NO COMPARABLE COURSE OR
ECON 1A Princ of Microecon ECON 1B Princ of Macroecon	(4) ECON 202 Microeconomics (3) (4) ECON 201 Macroeconomics (3)
MGMT 11A Elem Accounting	(4) BUS 201 & Principles of (5) Accounting I BUS 202 Principles of (5) Accounting II
MGMT 11B Elem Accounting	(4) NO COMPARABLE COURSE
MATH 16A Short Calculus MATH 16B Short Calculus MATH 16C Short Calculus OR	(3) MATH 211 Calculus I (5) (3) MATH 212 Calculus II (5) (3) MATH 212 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

	OR	submitted course(s) for articulation (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation OR		
MATH 21A	Calculus	(4) MATH 211 Calculus I (5)		
MATH 21A MATH 21B MATH 21C	Calculus	(4) MATH 212 Calculus II (5)		
MATH 21C	Calculus	(4) MATH 213 Calculus III (5)		
AREAS OF SPECIALIZATION: AQUATIC ANIMALS SPECIALIZATION				
AN SCI 18	Intro Aquaculture	(4) NO COMPARABLE COURSE		
		ANIMALS SPECIALIZATION		
AN SCI 42	Intro Comp Ani Bio	(4) NO COMPARABLE COURSE		
		PECIALIZATION		
	Domest An Prod Lab	(2) NO COMPARABLE COURSE (2) NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
		SPECIALIZATION		
AN SCI 15	Intro Horse Husb	(3) NO COMPARABLE COURSE		
	LIVESTOC	K SPECIALIZATION		
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		
	POULTRY	SPECIALIZATION		
AV SCI 11	Intro Poultry Sci	(3) NO COMPARABLE COURSE		
	RESTRICTED EL	ECTIVES (12 QUARTER UNITS):		
AGRESEC 18	AGRESEC 18 Business Law (4) NO COMPARABLE COURSE			

END OF MAJOR

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

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

Special Advising Note:

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

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available from our TAG website.			
AN SCI 1 AN SCI 2 AN SCI 41 AN SCI 41L	Domest Ani & People Intro Animal Sci Domestic Ani Prod Domest An Prod Lab	(4)	NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COURSE ARTICULATED: College has not submitted course(s)for articulation
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSCI 107 Molecular and (4) Cellular Biology OR
			BIOSCI 107H Molecular and (4) Cellular Biology - Honors
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106 Organismal and (4) Environmental Biology
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSCI 106 Organismal and (4) Environmental Biology
CHEM 2A	Genl Chemistry	(5)	CHEM 201 General Chemistry I (6)
CHEM 2B	Genl Chemistry	(E)	CHEM 201H General Chemistry I - (6) Honors
CHEM ZB		(5)	CHEM 201 & General Chemistry I (6) CHEM 202 General Chemistry II (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 255 Organic Chemistry I (5) CHEM 255 & Organic Chemistry I (5) CHEM 256 Organic Chemistry II (5)
MATH 16A	Short Calculus	(3)	MATH 211 Calculus I (5)
MATH 16B	Short Calculus OR	(3)	MATH 212 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		OR
MATH 21A	Calculus		MATH 211 Calculus I (5)
MATH 21B	Calculus	(4)	MATH 212 Calculus II (5)

AREAS OF SPECIALIZATION:

AQUATIC ANIMALS

AN SCI 18	Intro Aquaculture	(4) NO COMPARABLE COURSE

AVIAN SCIENCES

COMPANION AND CAPTIVE ANIMALS				
AN SCI 42	Intro Comp Ani Bio	(4) NO COMPARABLE COURSE		
	EQUINE	SCIENCE		
AN SCI 15	Intro Horse Husb	(3) NO COMPARABLE COURSE		
	LABORATO	RY ANIMALS		
AN SCI 42	Intro Comp Ani Bio	(4) NO COMPARABLE COURSE		
	POUL	TRY		
	Intro Poultry Sci	(3) NO COMPARABLE COURSE		
END OF MAJOR				
====Anthropology A.B.====				
Special Advising Note:				

Special Advising Note:

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College Foreign Language Requirement Note:

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

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

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

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ANTHRO 1 Human Evol Biol (4) ANTHRO 101 Physical (3 Anthropology OR ANTHRO 1 Human Evol Biol (4) ANTHRO 101 Physical (3 Anthropology OR ANTHRO 101H Physical (3 Anthropology - Honors ANTHRO 2 Cultural Anthropology (5) ANTHRO 103 Cultural (3 Anthropology - Anthropology ANTHRO 3 Intr to Archaeology (4) ANTHRO 105 Introduction to (3 Archeology ONE COURSE FROM THE FOLLOWING: ANTHRO 15 Human Life Cycle (5) NO COMPARABLE COURSE ANTHRO 23 Intr World Prehist (4) NO COURSE ARTICULATED: College has no submitted course(s) for articulation ANTHRO 24 Ancient Crops and People (4) NO COURSE ARTICULATED: College has no submitted course(s) for articulation ANTHRO 50 Evolution and Human (4) NO COURSE ARTICULATED: College has no submitted course(s) for articulation ANTHRO 54 Intro to Primatology (4) NO COURSE ARTICULATED: College has no submitted course(s) for articulation ANTHRO 54 Intro to Primatology (4) NO COURSE ARTICULATED: College has no submitted course(s) for articulation ONE COURSE FROM THE FOLLOWING:	
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ANTHRO 54 Intro to Primatology (4) NO COURSE ARTICULATED: College has no submitted course(s) for articulation	ot
submitted course(s)for articulation	
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ONE COURSE FROM THE FOLLOWING.	
ONE COOKDE PROM THE POLLOWING.	
ANTHRO 13 Sci Method in Physical (4) NO COURSE ARTICULATED: College has no	٥t
Anthropology submitted course(s) for articulation	
SOCIOL 46B Intro Social Rsch (5) NO COMPARABLE COURSE	
!	4)
Same as: STATIST 13Y Statistics	,
<u>OR</u>	
MATH 140H Introductory (4	4)
Statistics - Honors	
<u>OR</u>	
	3)
Behavioral Sciences	
STATIST 32 Gateway to Data Science (4) NO COMPARABLE COURSE	
SOCIOCULTURAL EMPHASIS:	2 \
ANTHRO 2 Cultural Anthropology (5) ANTHRO 103 Cultural (3 Anthropology	3)
TWO COURSES FROM THE FOLLOWING:	
ANTHRO 1 Human Evol Biol (4) ANTHRO 101 Physical (3	3)
ANTHRO I HUMAN EVOL BIOL (4) ANTHRO IOL Physical (3) Anthropology	ر د
OR	
· · · · · · · · · · · · · · · · · · ·	3)
Anthropology -	- /
Honors	
ANTHRO 3 Intr to Archaeology (4) ANTHRO 105 Introduction to (3	3)
Archeology	

SELECT ONE OF THE FOLLOWING TWO OPTIONS:

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

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

END OF MAJOR

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

Same as: STATIST 13Y

ANTHRO 1	Human Evol Biol	(4)	ANTHRO 101 Physical (Anthropology	(3)
			Anthropology -	(3)
ANTIIDO O	Cultural Anthropology	/ E \	Honors	(2)
ANTHRO 2	Cultural Anthropology	(5)	ANTHRO 103 Cultural (Anthropology	(3)
ANTHRO 3	Intr to Archaeology	(4)	:	(3)
			Archeology	
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	Cellular Biology	(4)
			<u>OR</u> BIOSCI 107H Molecular and (Cellular Biology - Honors	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106 Organismal and (Environmental Biology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	· -	(4)
CHEM 2A	Genl Chemistry	(5)	CHEM 201 General Chemistry I ((6)
			CHEM 201H General Chemistry I - ((6)
CHEM 2B	Genl Chemistry	(5)	<u>-</u>	(6) (5)
CHEM 8A CHEM 8B	Organic Chem-Brief Organic Chem-Brief OR		NO COMPARABLE COURSE NO COMPARABLE COURSE OR	
CHEM 118A	Org Chem, Hlth & Sci			(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	:	(5) (5)
 MATH 16A	Short Calculus			(5)
MATH 16B	Short Calculus		1	(5)
MATH 16C	Short Calculus OR	(3)	MATH 212 Calculus II ((5)
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has resubmitted course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has no submitted course(s) for articulation	
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has r submitted course(s) for articulation	not
	OR		OR	
MATH 21A	Calculus	(4)	MATH 211 Calculus I ((5)
MATH 21B MATH 21C	Calculus Calculus	(4) (4)	MATH 211 Calculus I (MATH 212 Calculus II (MATH 213 Calculus III ((5) (5)
	ONE COURSE FR			
ANTHRO 13	Sci Method in Physical Anthropology	(4)	NO COURSE ARTICULATED: College has no submitted course(s) for articulation	
SOCIOL 46B		(5)		-
STATIST 13	Elementary Statistics	(4)	:	(4)
Camp ac	• CTATICT 12V	•	Statistics	

Statistics

	MATH 140H 	Introductory Statistics - Honors	(4)
	OR		
	PSYCH 104	Statistics for the	(3)
		Behavioral Sciences	
)	NO COMPARABL	E COURSE	

STATIST 32 Gateway to Data Science (4) | 1

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

Recommended Language Preparation Note:

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

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

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

MATH 21A	Calculus	(4) MATH 211	Calculus I	(5)

MATH 21B Calculus (4) MATH 212 Calculus II (5

MATH 21C	Calculus	(4) MATH 213 Calculus III (5)		
MATH 21D	Vector Analysis	(4) MATH 213 Calculus III (5)		
MATH 22B	Differntl Equations	(3) MATH 215 Differential Equations (3)		
MATH 22AL	Lin Alg Comp Lab	(1) NO COURSE ARTICULATED: College has not		
		submitted course(s)for articulation		
	or equivalent basic 1	knowledge of MATLAB.		
	BOTH OF TH	E FOLLOWING COURSES:		
MATH 22A	Linear Algebra	(3) MATH 214 Linear Algebra (3)		
	AND	AND		
MATH 108	Intro Abstract Math	(4) This course must be taken at UC Davis		
	OR SELECT	THE FOLLOWING COURSE:		
MATH 67	Modern Linear Algebra	(4) NO COURSE ARTICULATED: College has not		
		submitted course(s) for articulation		
NOTE: Basi	c knowledge of MATLAB is	required for both MATH 67 and 22A. Students		
	_	n Engineering 6, Mechanical Engineering 5 or		
		22AL (may be taken concurrently).		
ENG CS 32A	ENG CS 32A Intro to Programming(4) NO COMPARABLE COURSE			
	ly ENG CS 10			
	Engr Prob Solving	(4) NO COMPARABLE COURSE		
	_	· ·		

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

STUDENTS WILL NEED TO CHOOSE ON BIOLSCI 2A Intro Biology:Life on Earth		THE FOLLOWING TWO-COURSE SEQUENCES: BIOSCI 107 Molecular and Cellular Biology	(4)
		<u>OR</u> BIOSCI 107H Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2B Intro Biology: Ecology & Evolution OR	(5)	BIOSCI 106 Organismal and Environmental Biology OR	(4)
CHEM 2A Genl Chemistry	(5)	CHEM 201 General Chemistry I OR	(6)
		CHEM 201H General Chemistry I - Honors	(6)
CHEM 2B Genl Chemistry OR	(5)	CHEM 201 & General Chemistry I CHEM 202 General Chemistry II OR	(6) (5)
ECON 1A Princ of Microecon	(4)	ECON 202 Microeconomics	(3)
ECON 1B Princ of Macroecon OR	. ,	ECON 201 Macroeconomics OR	(3)
PHYSICS 9A Classical Physics	(5)	PHYSIC 220 & Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
		PHYSIC 221 & Physics for Scientists and Engineers: Electricity and Magnetism	(4)
		PHYSIC 222 Physics for Sci and Engrs: Waves, Heat, Optics and Modern	(4)

PHYSICS 9B	Classical	Physics	(5)	 PHYSIC 	220 <u>&</u>	Physics Physics for Scientists and Engineers: Mechanics	(4)
				 PHYSIC	221 <u>&</u>	of Solids and Fluids Physics for	(4)
				 		Scientists and Engineers: Electricity and Magnetism	
				PHYSIC 	222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
	OR					OR	
STATIST 32 STATIST 10		Data Science Stats for Bio		:		COURSE ust be taken at UC Dav	/is

OR

OTHER APPROVED APPLIED PREPARATORY COURSES

END OF MAJOR

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

Special Advising Note:

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

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

Special Advising Note for future applicants:*

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

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

Strive to achieve your highest possible GPA in order to be most competitive. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 3.00 for the selective major course group. It is recommended that candidates have a cumulative GPA of at least 3.00 for the group of courses below that have been completed at the time of application and through the transfer academic update filing period. Whether planning for the general application or TAG process, courses must be taken for a letter grade, with no

grade less than C. (Advanced Placement (AP) or International Baccaulaureate (IB) Higher Level examinations may satisfy UC course equivalents).

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

*Information for future applicants is subject to change

Transfer Admission Guarantee (TAG) Note:

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

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

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

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______ PHYSICS 9A Classical Physics (5) PHYSIC 220 & Physics for Scientists and Engineers: Mechanics of Solids and Fluids PHYSIC 221 & Physics for (4) Scientists and Engineers: Electricity and Magnetism PHYSIC 222 Physics for Sci and (4) Engrs: Waves, Heat, Optics and Modern Physics PHYSICS 9B Classical Physics (5) PHYSIC 220 & Physics for (4) Scientists and Engineers: Mechanics of Solids and Fluids PHYSIC 221 & Physics for (4) Scientists and Engineers: Electricity and Magnetism PHYSIC 222 Physics for Sci and (4) Engrs: Waves, Heat,

			Optics and Modern Physics	
PHYSICS 9C Classical Physics	(5)	 PHYSIC 220 <u>&</u> 		(4)
		 PHYSIC 221 &	Fluids : Physics for	(4)
		<u></u>	Scientists and Engineers:	(- /
		 	Electricity and Magnetism	
		 PHYSIC 222 	Physics for Sci and Engrs: Waves, Heat, Optics and Modern	(4)
PHYSICS 9D Modern Physics OR	(4)	 NO COMPARABL 	Physics E COURSE OR	
PHYSICS 9HA Honors Physics	(5)	NO COMPARABL		
PHYSICS 9HB Honors Physics	(5)	NO COMPARABL	E COURSE	
PHYSICS 9HC Honors Physics	(5)	NO COMPARABL	E COURSE	
PHYSICS 9HD Honors Physics	(5)	NO COMPARABL	E COURSE	
PHYSICS 9HB Honors Physics PHYSICS 9HC Honors Physics PHYSICS 9HD Honors Physics PHYSICS 9HE Honors Physics	(5)	NO COMPARABL	E COURSE	
MATH 21A Calculus	(4)	 MATH 211	Calculus I	(5)
			Calculus II	
			Calculus III	
MATH 21D Vector Analysis	(4)	MATH 213	Calculus III	(5)
MATH 22A Linear Algebra	(3)	MATH 214	Linear Algebra	(3)
MATH 21D Vector Analysis MATH 22A Linear Algebra MATH 22B Differntl Equations	(3)	MATH 215	Differential Equations	(3)
A MINO CITIED TO DI				
PHYSICS 40 Intr Physics Computation	(4)	'		
PHYSICS 40 Intr Physics Computation CHEMICAL PH	(4) YSIC	NO COURSE AR S CONCENTRATI	TICULATED ON	
PHYSICS 40 Intr Physics Computation	(4) YSIC	NO COURSE AR S CONCENTRATI CHEM 201 OR	TICULATED	(6)
PHYSICS 40 Intr Physics Computation CHEMICAL PH CHEM 2A Genl Chemistry	(4) YSIC (5)	NO COURSE ARS CONCENTRATI CHEM 201 OR CHEM 201H	TICULATED CON General Chemistry I General Chemistry I - Honors	(6) (6)
PHYSICS 40 Intr Physics Computation CHEMICAL PH	(4) YSIC (5)	NO COURSE ARS CONCENTRATI CHEM 201 OR CHEM 201H	TICULATED CON General Chemistry I General Chemistry I - Honors General Chemistry I	(6)(6)(6)
PHYSICS 40 Intr Physics Computation CHEMICAL PHOTO CHEMICAL	(4) (5) (5)	NO COURSE AR CONCENTRATI CHEM 201 OR CHEM 201H CHEM 201 & CHEM 201	General Chemistry I Honors General Chemistry I General Chemistry I General Chemistry I General Chemistry I	(6)(6)(6)(5)
PHYSICS 40 Intr Physics Computation CHEMICAL PH CHEM 2A Genl Chemistry	(4) IYSIC (5)	NO COURSE AR	CTICULATED CON General Chemistry I General Chemistry I - Honors General Chemistry I General Chemistry I General Chemistry II General Chemistry II	(6)(6)(6)(5)
PHYSICS 40 Intr Physics Computation CHEMICAL PH CHEM 2A Genl Chemistry CHEM 2B Genl Chemistry CHEM 2C Genl Chemistry PHYSICS 40 Intr Physics Computation	(4) IYSIC (5) (5) (5) (4)	NO COURSE AR SCONCENTRATI CHEM 201 OR CHEM 201H CHEM 201 & CHEM 202 CHEM 202 NO COURSE AR	General Chemistry I General Chemistry I Honors General Chemistry I General Chemistry I General Chemistry II General Chemistry II TICULATED	(6)(6)(6)(5)
PHYSICS 40 Intr Physics Computation CHEMICAL PH CHEM 2A Genl Chemistry CHEM 2B Genl Chemistry CHEM 2C Genl Chemistry	(4) YSIC (5) (5) (5) (4)	NO COURSE AR CONCENTRATI CHEM 201 OR CHEM 201H CHEM 201 & CHEM 202 CHEM 202 NO COURSE AR CSICS CONCENTR	General Chemistry I General Chemistry I Honors General Chemistry I General Chemistry I General Chemistry II General Chemistry II TICULATED	(6)(6)(6)(5)
PHYSICS 40 Intr Physics Computation CHEMICAL PH CHEM 2A Genl Chemistry CHEM 2B Genl Chemistry CHEM 2C Genl Chemistry PHYSICS 40 Intr Physics Computation COMPUTATIONAL	(4) YSIC (5) (5) (5) (4)	NO COURSE AR CONCENTRATI CHEM 201 OR CHEM 201H CHEM 201 & CHEM 202 CHEM 202 NO COURSE AR CSICS CONCENTR	General Chemistry I General Chemistry I Honors General Chemistry I General Chemistry II General Chemistry II General Chemistry II TICULATED ATION Introduction to Computer Algorithms	(6) (6) (6) (5) (5)
PHYSICS 40 Intr Physics Computation CHEMICAL PH CHEM 2A Genl Chemistry CHEM 2B Genl Chemistry CHEM 2C Genl Chemistry PHYSICS 40 Intr Physics Computation COMPUTATIONAL ENG CS 36A Programming	(4) YSIC (5) (5) (5) (4)	NO COURSE AR CONCENTRATI CHEM 201 OR CHEM 201H CHEM 201 & CHEM 202 CHEM 202 NO COURSE AR CSICS CONCENTR	General Chemistry I General Chemistry I Honors General Chemistry I General Chemistry II General Chemistry II General Chemistry II TICULATED ATION Introduction to	(6) (6) (6) (5) (5)
PHYSICS 40 Intr Physics Computation CHEMICAL PH CHEM 2A Genl Chemistry CHEM 2B Genl Chemistry CHEM 2C Genl Chemistry PHYSICS 40 Intr Physics Computation COMPUTATIONAL ENG CS 36A Programming	(4) YSIC (5) (5) (5) (4)	NO COURSE AR S CONCENTRATI CHEM 201 OR CHEM 201H CHEM 201 & CHEM 202 CHEM 202 CHEM 202 NO COURSE AR SICS CONCENTR CMPSCI 111	General Chemistry I General Chemistry I Honors General Chemistry I General Chemistry II General Chemistry II General Chemistry II TICULATED ATION Introduction to Computer Algorithms	(6) (6) (6) (5) (5)
PHYSICS 40 Intr Physics Computation CHEMICAL PH CHEM 2A Genl Chemistry CHEM 2B Genl Chemistry CHEM 2C Genl Chemistry PHYSICS 40 Intr Physics Computation COMPUTATIONAL ENG CS 36A Programming	(4) (5) (5) (5) (4) (4) (4)	NO COURSE AR S CONCENTRATI CHEM 201 OR CHEM 201H CHEM 201 & CHEM 202 CHEM 202 CHEM 202 NO COURSE AR SICS CONCENTR CMPSCI 111 OR CMPSCI 235	General Chemistry I General Chemistry I - Honors General Chemistry I General Chemistry II General Chemistry II General Chemistry II TICULATED ATION Introduction to Computer Algorithms and Programming/JAVA C Programming	(6) (6) (5) (5) (3)
CHEM 2A Genl Chemistry CHEM 2C Genl Chemistry CHEM 2C Genl Chemistry CHEM 2C Genl Chemistry PHYSICS 40 Intr Physics Computation COMPUTATIONAL ENG CS 36A Programming Formerly ENG CS 30	(4) (5) (5) (5) (4) (4) (4)	NO COURSE AR S CONCENTRATI CHEM 201 OR CHEM 201H CHEM 201 & CHEM 202 CHEM 202 CHEM 202 NO COURSE AR SICS CONCENTR CMPSCI 111 OR CMPSCI 235	General Chemistry I General Chemistry I - Honors General Chemistry I General Chemistry II General Chemistry II General Chemistry II TICULATED ATION Introduction to Computer Algorithms and Programming/JAVA C Programming	(6) (6) (5) (5) (3)
PHYSICS 40 Intr Physics Computation CHEMICAL PH CHEM 2A Genl Chemistry CHEM 2B Genl Chemistry CHEM 2C Genl Chemistry PHYSICS 40 Intr Physics Computation COMPUTATIONAL ENG CS 36A Programming Formerly ENG CS 30 ENG CS 36B Object-Oriented Program	(4) (5) (5) (5) (4) (4) (4) (4)	NO COURSE AR CONCENTRATI CHEM 201 OR CHEM 201H CHEM 201 & CHEM 202 CHEM 202 NO COURSE AR COMPSCI 111 CMPSCI 111 CMPSCI 235 CMPSCI 236 CMPSCI 236 CMPSCI 236 CMPSCI 236 CMPSCI COMMUNI	General Chemistry I General Chemistry I - Honors General Chemistry I General Chemistry II General Chemistry II General Chemistry II TICULATED ATION Introduction to Computer Algorithms and Programming/JAVA C Programming C++ Object Oriented Programming science courses ty college students,	(6) (6) (5) (5) (3)
CHEM 2A Genl Chemistry CHEM 2B Genl Chemistry CHEM 2C Genl Chemistry PHYSICS 40 Intr Physics Computation COMPUTATIONAL ENG CS 36A Programming Formerly ENG CS 30 ENG CS 36B Object-Oriented Program Formerly ENG CS 40 Please note that the community commay not be identical to UC Davis upon transfer to UC Davis, may ne	(4) (5) (5) (5) (4) (4) (4) (4)	NO COURSE AR CONCENTRATI CHEM 201 OR CHEM 201H CHEM 201 & CHEM 202 CHEM 202 NO COURSE AR COMPSCI 111 CMPSCI 111 CMPSCI 235 CMPSCI 236 CMPSCI 236 CMPSCI 236 CMPSCI 236 CMPSCI COMMUNI	General Chemistry I General Chemistry I - Honors General Chemistry I General Chemistry II General Chemistry II General Chemistry II TICULATED ATION Introduction to Computer Algorithms and Programming/JAVA C Programming C++ Object Oriented Programming science courses ty college students,	(6) (6) (5) (5) (3)
CHEM 2A Genl Chemistry CHEM 2B Genl Chemistry CHEM 2C Genl Chemistry CHEM 2C Genl Chemistry PHYSICS 40 Intr Physics Computation COMPUTATIONAL ENG CS 36A Programming Formerly ENG CS 30 ENG CS 36B Object-Oriented Program Formerly ENG CS 40 Please note that the community commay not be identical to UC Davis upon transfer to UC Davis, may ne deficiencies.	(4) (5) (5) (5) (4) (4) (4) (4)	NO COURSE AR S CONCENTRATI CHEM 201 OR CHEM 201 CHEM 201 CHEM 202 CHEM 202 CHEM 202 NO COURSE AR SICS CONCENTR CMPSCI 111 OR CMPSCI 235 CMPSCI 236 e's computer ses. Communico make up any	General Chemistry I General Chemistry I - Honors General Chemistry I General Chemistry II General Chemistry II General Chemistry II TICULATED EATION Introduction to Computer Algorithms and Programming/JAVA C Programming C++ Object Oriented Programming science courses ty college students, topic or language	(6) (6) (5) (5) (3)

MATERIALS SCIENCE CONCENTRATION

PHYSICAL ELECTRONICS CONCENTRATION

ENGIN 17 Circuits I (4) ENGR 153 Electrical Circuits
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:

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Transfer Admission Guarantee (TAG) Note:

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

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

College Foreign Language Requirement Note:

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

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

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

	FOUR COURSES FF	ROM :	THE FOLLO	OWING:	
ARTHI 1A Ancie	nt Mediterranean Art	(4)	ART 110	Art History: Ancient to	(3)
				Medieval	
ARTHI 1B Medie	v&Renaiss Art	(4)	ART 110	$\underline{\&}$ Art History: Ancient to	(3)
				Medieval	
			ART 111	2	(3)
10 D		(4)	 	Renaissance to Modern	<i>(</i> 2)
ARTHI 1C Baroq	ue to Modern Art	(4)	AR.I. III	-	(3)
3 DELLT 1 D 3 +	of Asia	(1)		Renaissance to Modern	
	or Asia ic Art &			ARABLE COURSE	
	tecture	(4)		GE ARTICULATED: College has red course(s) for articulation	
ARTHI 5 Visual		(1)	1	ARABLE COURSE	11
ARTHI 5 VISUAI ARTHI 25 Under				ARABLE COURSE	
	tecture	(+)	INO COMP <i>E</i>	ARABLE COURSE	
ALCIII			 		
AFCIII	ONE ART STUI)))	COURSE F	ROM:	
	ONE ART STUI				(3)
ART 2 Beginnin		(4)	ART 124 <i>I</i>	ROM: A Drawing I Sculpture	
ART 2 Beginnin ART 5 Beginnin	ONE ART STUI	(4)	ART 124 <i>I</i> ART 235	A Drawing I Sculpture	
ART 2 Beginnin ART 5 Beginnin ART 7 Beginnin	ONE ART STUI g Drawing g Sculpture	(4) (4) (4)	ART 124 <i>A</i> ART 235 ART 227	A Drawing I Sculpture	(3)
ART 2 Beginnin ART 5 Beginnin ART 7 Beginnin	ONE ART STUD g Drawing g Sculpture g Painting	(4) (4) (4)	ART 1247 ART 235 ART 227 NO COURS	A Drawing I Sculpture Painting I	(3) (3) not
ART 2 Beginnin ART 5 Beginnin ART 7 Beginnin ART 8 Beginnin	ONE ART STUD g Drawing g Sculpture g Painting	(4) (4) (4) (4)	ART 1247 ART 235 ART 227 NO COURS submitte	Drawing I Sculpture Painting I SE ARTICULATED: College has red course(s) for articulation SE ARTICULATED: College has references.	(3) (3) not n
ART 2 Beginnin ART 5 Beginnin ART 7 Beginnin ART 8 Beginnin	ONE ART STUI g Drawing g Sculpture g Painting g Ceramic Sculpture	(4) (4) (4) (4)	ART 1247 ART 235 ART 227 NO COURS submitte NO COURS	Drawing I Sculpture Painting I SE ARTICULATED: College has red course(s) for articulation of the course and course has red course(s) for articulation of the course and course articulation of the course of the cou	(3) (3) not n not
ART 2 Beginnin ART 5 Beginnin ART 7 Beginnin ART 8 Beginnin ART 9 Beginnin	ONE ART STUI g Drawing g Sculpture g Painting g Ceramic Sculpture	(4) (4) (4) (4)	ART 124A ART 235 ART 227 NO COURS submitte NO COURS submitte	A Drawing I Sculpture Painting I SE ARTICULATED: College has red course(s) for articulation and course(s) for articulation	(3) (3) not n not n
ART 2 Beginnin ART 5 Beginnin ART 7 Beginnin ART 8 Beginnin ART 9 Beginnin ART 11 Beginnin	ONE ART STUD g Drawing g Sculpture g Painting g Ceramic Sculpture g Photography ng Printmaking	(4) (4) (4) (4) (4)	ART 1247 ART 235 ART 227 NO COURS submitte NO COURS submitte NO COURS	Drawing I Sculpture Painting I SE ARTICULATED: College has red course(s) for articulation and course(s) for articulation	(3) (3) not n not n
ART 2 Beginnin ART 5 Beginnin ART 7 Beginnin ART 8 Beginnin ART 9 Beginnin ART 11 Beginnin	ONE ART STUD g Drawing g Sculpture g Painting g Ceramic Sculpture g Photography	(4) (4) (4) (4) (4)	ART 1247 ART 235 ART 227 NO COURS submitte NO COURS submitte NO COURS submitte	Drawing I Sculpture Painting I SE ARTICULATED: College has red course(s) for articulation and course(s) for articulation	(3) (3) not n not n not n
ART 2 Beginnin ART 5 Beginnin ART 7 Beginnin ART 8 Beginnin ART 9 Beginnin ART 11 Beginnin ART 11 Beginnin	ONE ART STUD g Drawing g Sculpture g Painting g Ceramic Sculpture g Photography ng Printmaking ng Video	(4) (4) (4) (4) (4)	ART 1247 ART 235 ART 227 NO COURS submitte NO COURS submitte NO COURS submitte NO COURS	Drawing I Sculpture Painting I EE ARTICULATED: College has red course(s) for articulation and course(s) for articulation	(3) not n not n not n not n
ART 2 Beginnin ART 5 Beginnin ART 7 Beginnin ART 8 Beginnin ART 9 Beginnin ART 11 Beginnin ART 11 Beginnin	ONE ART STUD g Drawing g Sculpture g Painting g Ceramic Sculpture g Photography ng Printmaking ng Video xperimental Video	(4) (4) (4) (4) (4)	ART 1247 ART 235 ART 227 NO COURS submitte NO COURS submitte NO COURS submitte NO COURS	Drawing I Sculpture Painting I SE ARTICULATED: College has red course(s) for articulation and course(s) for articulation	(3) not n not n not n not n not n

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

Special Advising Note:

END OF MAJOR

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Education(GE) Note:

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

College Foreign Language Requirement Note:

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______ FOUR COURSES FROM THE FOLLOWING: ART 2 Beginning Drawing (4) ART 124A Drawing I
ART 5 Beginning Sculpture (4) ART 235 Sculpture
ART 7 Beginning Painting (4) ART 227 Painting I (3) ART 8 Beginning Ceramic Sculpture (4) NO COURSE ARTICULATED: College has not |submitted course(s) for articulation ART 9 |submitted course(s) for articulation ART 11 Beginning Printmaking (4) | NO COURSE ARTICULATED: College has not | submitted course(s) for articulation ART 12 Beginning Video (4) NO COURSE ARTICULATED: College has not |submitted course(s) for articulation TWO LECTURE COURSES CHOSEN FROM THE FOLLOWING: ART 24 Intro Experimental Video (4) NO COURSE ARTICULATED: College has not and Film |submitted course(s) for articulation ART 30 Contemp Vis Culture (4) NO COMPARABLE COURSE ARTHI 1A Ancient Mediterranean Art (4) ART 110 Art History: Ancient to (3) Medieval (4) ART 110 & Art History: Ancient to (3) ARTHI 1B Mediev&Renaiss Art Medieval ART 111 Art History: Renaissance to Modern ARTHI 1C Baroque to Modern Art (4) ART 111 Art History: (3) Renaissance to Modern ARTHI 1D Arts of Asia (4) NO COMPARABLE COURSE

ARTHI 1E Islamic Art & (4) NO COURSE ARTICULATED: College has not Architecture Architecture |submitted course(s) for articulation (4) NO COMPARABLE COURSE
(4) NO COMPARABLE COURSE ARTHI 5 Visual Culture ARTHI 25 Understanding Architecture

END OF MAJOR

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

Special Advising Note:

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

see the UC Davis 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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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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A A STD A A STD		Hist Exp Asian Am Contemp Issues of Asian Americans	, ,	NO COMPARABLE COURSE NO COMPARABLE COURSE
A A STD	3	Social & Psychological Perspectives of Asian Americans	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
A A STD	4	Asian Amer Cultural Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

AT LEAST TWO COURSES FROM THE FOLLOWING:

AF-AMST	10	Af-Am Culture & Soc	(4)	NO	COMPARABLE COURSE	
AF-AMST	12	Intro Afro Studies	(4)	NO	COMPARABLE COURSE	
AF-AMST	15	Intro Afro Amer Hum	(4)	NO	COMPARABLE COURSE	
AF-AMST	16	African Verbal Arts	(4)	NO	COMPARABLE COURSE	
AF-AMST	17	Women in Africa	(4)	NO	COMPARABLE COURSE	
AF-AMST	18	Intro Caribbean Studies	(4)	NO	COURSE ARTICULATED:	College has not
				suk	omitted course(s)for	articulation
AF-AMST	50	Blk Images Pop Cult	(4)	NO	COMPARABLE COURSE	
AF-AMST	51	History Af-Amr Dance	(4)	NO	COMPARABLE COURSE	
AF-AMST	52	Afr Tradit Relig	(4)	NO	COMPARABLE COURSE	

	(4)
AF-AMST 80 Black Politics	(4) NO COMPARABLE COURSE
AMR STD 1A Science and American Culture	(4) NO COMPARABLE COURSE
AMR STD 1B Relig in Am Lives	(4) NO COMPARABLE COURSE
AMR STD 1C American Lives	(4) NO COMPARABLE COURSE
AMR STD 1E Nat&Cult Amr	(4) NO COMPARABLE COURSE
AMR STD 5 Tech in Amr Lives	(4) NO COMPARABLE COURSE
AMR STD 10 Intro American Studies	(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AMR STD 21 Objects & Everyday Life	(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AMR STD 25 U.S. as Business Culture	(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AMR STD 30 Amr Images Pop Cult	(4) NO COMPARABLE COURSE
AMR STD 55 Food in Amer Culture	(4) NO COURSE ARTICULATED: College has not
Same as: FD S&T 55	submitted course(s) for articulation
AMR STD 59 Music and American	(4) NO COURSE ARTICULATED: College has not
Culture	submitted courses for articulation
CHICANO 10 Intro to Chic Std	(4) NO COMPARABLE COURSE
CHICANO 21 Hlth Care Issues	(4) NO COMPARABLE COURSE
CHICANO 30 US Poli & Chicanos	(4) NO COMPARABLE COURSE
CHICANO 40 Comparative Health	(4) NO COURSE ARTICULATED: College has not
	submitted course(s) for articulation
CHICANO 50 Chicano Culture	(4) NO COMPARABLE COURSE
CHICANO 60 Chicana and Chicano	(4) NO COMPARABLE COURSE
Representn in Cinema	
CHICANO 65 New Latin American	(4) NO COURSE ARTICULATED: College has not
Cinema	submitted course(s) for articulation
CHICANO 70 Survey Chic Art	(4) NO COMPARABLE COURSE
CHICANO 73 Art Expr Silk Scr	(4) NO COMPARABLE COURSE
N A STD 1 Intro NA Studies	(4) NO COMPARABLE COURSE
N A STD 5 Intro NA Literature	(4) NO COMPARABLE COURSE
N A STD 7 Indig & Minority Langs	(4) NO COURSE ARTICULATED: College has not
	submitted course(s)for articulation
N A STD 10 NA Experience	(4) NO COMPARABLE COURSE
N A STD 12 Native Amer/Indigenous	(4) NO COURSE ARTICULATED: College has not
Film	submitted course(s)for articulation
N A STD 32 NA Music & Dance	(4) NO COMPARABLE COURSE
N A STD 33 Intro NA Art	(4) NO COMPARABLE COURSE
N A STD 34 NA Art Workshop	(4) NO COMPARABLE COURSE
WOM STD 20 Cult Repr of Gndr	(4) NO COURSE ARTICULATED: College has not
	submitted course(s) for articulation
WOM STD 25 Gender & Global Cinema	(4) NO COURSE ARTICULATED: College has not
	submitted course(s) for articulation
WOM STD 50 Intro Gender Studies	(4) 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 LEAST TWO COURSES FROM THE	
ANTHRO 13 Sci Method in Physical	(4) NO COURSE ARTICULATED: College has not
Anthropology	submitted course(s) for articulation
ARTHI 5 Visual Culture	(4) NO COMPARABLE COURSE
ART 10 Fine Art Appreciation	(4) ART 205 Landmarks of Art and (3) Visual Culture
ART 30 Contemp Vis Culture	(4) NO COMPARABLE COURSE
CHICANO 23 Qualitative Research	(4) NO COURSE ARTICULATED: College has not
Methods	. , , , , , , , , , , , , , , , , , , ,
Methods	submitted course(s) for articulation
	submitted course(s) for articulation (4) NO COMPARABLE COURSE
	(4) NO COMPARABLE COURSE
ENGLISH 42 Approaches to Reading PHILOS 5 Critical Reasoning	(4) NO COMPARABLE COURSE
ENGLISH 42 Approaches to Reading PHILOS 5 Critical Reasoning	(4) NO COMPARABLE COURSE (4) PHILOS 106 Critical Reasoning (3)

POL SCI 51	Scientific Study of	(4)	NO COURSE	ARTICULATED: College has	s not
	Politics		submitted	course(s) for articulati	ion
PSYCH 41	Research Methods	(4)	PSYCH 103	Introduction to	(3)
				Behavioral Research	
SOCIOL 46A	Intro Social Rsch	(4)	NO COMPARA	BLE COURSE	
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARA	BLE COURSE	
STATIST 13	Elementary Statistics	(4)	MATH 140	Introductory	(4)
Same as:	STATIST 13Y			Statistics	
			OR		
			MATH 140H	Introductory	(4)
				Statistics - Honors	
			OR		
			PSYCH 104	Statistics for the	(3)
				Behavioral Sciences	

END OF MAJOR

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

Special Advising Note:

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

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

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

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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							. — — — — — — — — — — — — — — — — — — —	
PL SCI 2	Bot 	Physio Cul Plt	(4) 	NO COM	PARABI	LE COURSE	; 	
CHEM 2A	Genl	Chemistry	(5)	CHEM 2		General	Chemistry I	(6)
				CHEM 2 	01H	General Honors	Chemistry I -	(6)
CHEM 2B	Genl	Chemistry	(5)	CHEM 2	_		Chemistry I Chemistry II	(6) (5)
ENG CS 36A Formerly		9	(4)	CMPSCI OR		Comput	luction to er Algorithms ogramming/JAVA	(3)
				CMPSCI	235	C Prog	gramming	(3)

or a course selected with advisor's approval

MATH 21A	Calculus	(4)	MATH	211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH	212	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH	213	Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH	213	Calculus III	(5)
MATH 22A	Linear Algebra	(3)	MATH	214	Linear Algebra	(3)
MATH 22B	Differntl Equations	(3)	MATH	215	Differential Equations	(3)
ATM SCI 60	Intro to Atmospheric	(4)	NO CO	OMPARAB:	LE COURSE	

Science

PHYSICS	9A (Classical	Physics	(5)	PHYSIC 	220	<u>&</u>	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
					PHYSIC 	221	<u>&</u>		(4)
					PHYSIC	222		Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS	9B (Classical	Physics	(5)	PHYSIC 	220	<u>&</u>	-	(4)
					PHYSIC 	221	<u>&</u>	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
					PHYSIC	222		Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS	9C (Classical	Physics	(5)	PHYSIC	220	<u>&</u>		(4)
					 PHYSIC 	221	<u>&</u>		(4)
					PHYSIC	222		Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
STATIST Same		Elementary ATIST 13Y	Statistics	(4)	į	10		Introductory Statistics	(4)
					<u>OR</u> MATH 14 OR	10н		Introductory Statistics - Honors	(4)
					OR PSYCH I 	104		Statistics for the Behavioral Sciences	(3)

PREPARATION FOR GRADUATION:

ENGIN 6 Engr Prob Solving (4) NO COMPARABLE COURSE

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

Special Advising Note:

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

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

END OF MAJOR

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

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

It is also <u>strongly recommended</u> that transfer students complete courses comparable to the following UC Davis courses. Completion of these courses will

help you move more efficiently toward graduation. Courses should be taken for a letter grade, with no grade less than C:

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

BIOLSCI	2A	Intro Biology:Life on Earth	(5)	BIOSCI OI		Molecular and Cellular Biology	(4)
				BIOSCI	_	Molecular and Cellular Biology - Honors	(4)
BIOLSCI	2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI	106	Organismal and Environmental Biology	(4)
BIOLSCI	2C	<pre>Intro Biology: Biodiversity & the Tree of Life</pre>	(5)	BIOSCI	106	Organismal and Environmental Biology	(4)
CHEM 2A	Gei	nl Chemistry	(5)	 CHEM 20	 01	General Chemistry I	(6)

				CHEM 201H General Chemistry I - (6) Honors
CHEM	2B	Genl Chemistry	(5)	CHEM 201 & General Chemistry I (6)
СПЕН	20	GCIII CIICIIIIBCI y	(3)	CHEM 202 General Chemistry II (5)
CHEM	2C	Genl Chemistry	(5)	CHEM 202 General Chemistry II (5)
СПДП	20	OR	(3)	OR
CHEM	2AH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not
_			(- /	submitted course(s) for articulation
CHEM	2BH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not
		-		submitted course(s) for articulation
CHEM	2CH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not
		-		submitted course(s) for articulation
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
		Calculus		MATH 211 Calculus I (5)
MATH	21B	Calculus	(4)	MATH 212 Calculus II (5)
PHYS	ICS 7A	General Physics	(4)	PHYSIC 110 & General Physics I (4)
				PHYSIC 111 General Physics II (4)
PHYS:	ICS 7B	General Physics	(4)	PHYSIC 110 $\underline{\&}$ General Physics I (4)
				PHYSIC 111 General Physics II (4)
PHYS	ICS 7C	General Physics	(4)	PHYSIC 110 & General Physics I (4)
				PHYSIC 111 General Physics II (4)

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

		OR						OR	
PHYSICS	9A	Classical	Physics	(5)	PHYSIC	220	<u>&</u>	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
					PHYSIC 	221	<u>&</u>	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
					PHYSIC	222		Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS	9B	Classical	Physics	(5)	PHYSIC 	220	<u>&</u>	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
					PHYSIC 	221	<u>&</u>	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
					PHYSIC 	222		Physics for Sci and Engrs: Waves, Heat, Optics and Modern	(4)

PHYSI	ccs 9c	Classical	Physics	(5)	 PHYS] PHYS]		_	Scient Engine of Sol Fluids Physic Scient Engine	cs for tists and eers: Mecha lids and s cs for tists and eers:	nics	(4)
					 PHYS] 	IC 222	2	Magnet Physic Engrs	cs for Sci : Waves, He s and Moder	eat,	(4)
CHEM	118A	Org Chem, Hi	lth & Sci	(4)	 CHEM	255	0	rganic	Chemistry	I	(5)
CHEM	118B	_	lth & Sci					_			
					CHEM	256	0	rganic	Chemistry	II	(5)
CHEM	118C	Org Chem, H	lth & Sci	(4)	CHEM	256	0	rganic O	Chemistry R	II	(5)
CHEM	128A	Organic Che	mistry	(3)	CHEM	255	0	rganic	Chemistry	I	(5)
CHEM	128B	Organic Che	mistry		CHEM		_	rganic	Chemistry	I	(5)
					CHEM	256		_	Chemistry		(5)
CHEM		_	mistry						Chemistry		(5)
CHEM		Organic Che							Chemistry		
CHEM	129B	Organic Che	m Lab	(2)					Chemistry		
					CHEM 	256 	O 	rganic	Chemistry	II 	(5)
			REC ⁽	OMMEI	NDED:						
MATH	21C	Calculus		(4)	MATH	213	С	alculus	s III		(5)

END OF MAJOR

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

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

equivalents:

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

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

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

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

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

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

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

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

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

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

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

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSCI 107 Molecular and (4 Cellular Biology
			OR
			BIOSCI 107H Molecular and (4 Cellular Biology - Honors
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106 Organismal and (4) Environmental Biology
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSCI 106 Organismal and (4) Environmental Biology
CHEM 2A	Genl Chemistry	(5)	CHEM 201 General Chemistry I (6)
			CHEM 201H General Chemistry I - (6
CHEM 2B	Genl Chemistry	(5)	CHEM 201 & General Chemistry I (6)
		(-)	CHEM 202 General Chemistry II (5)
			CHEM 202 General Chemistry II (5)
	Organic Chem-Brief Organic Chem-Brief OR		NO COMPARABLE COURSE NO COMPARABLE COURSE OR
CHEM 118A	Org Chem, Hlth & Sci	(1)	CHEM 255 Organic Chemistry I (5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 255 & Organic Chemistry I (5
			CHEM 256 Organic Chemistry II (5
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 256 Organic Chemistry II (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
	OR		OR
MATH 21A	Calculus	(4)	MATH 211 Calculus I (5)
MATH 21B	Calculus	(4)	MATH 212 Calculus II (5
PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE
	OR		OR
PHYSICS 7A	General Physics	(4)	PHYSIC 110 & General Physics I (4)
	-	•	PHYSIC 111 General Physics II (4)
PHYSICS 7B	General Physics	(4)	PHYSIC 110 & General Physics I (4)
		`-/	PHYSIC 111 General Physics II (4)
PHYSICS 7C	General Physics	(/)	PHYSIC 110 & General Physics I (4)
11110100 /	Centerar Finance	(1	•
Tt is highl	v recommended that students	a dor	PHYSIC 111 General Physics II (4)

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

RECOMMENDED COURSES FOR	THTS	MAJTOR:
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CHEM 2C	Genl Chemistry	(5)	CHEM 202	General	Chemistry II	(5)
MATH 17C	Calculus for BioSci				ED: College ha	
	OR			OF	3	
MATH 21C	Calculus	(4)	MATH 213	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 $\underline{\text{strongly recommended}}$ that transfer students complete courses comparable to the following UC Davis courses. Completion of these courses will help you move more efficiently toward graduation. Courses should be taken for a letter grade, with no grade less than C:

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

					_
BIOLSCI 2	A Intro Biology:Life on Earth	(5)	BIOSCI 107 	Molecular and (4 Cellular Biology)
			OR OR		
			BIOSCI 107H	Molecular and (4)
			j	Cellular Biology -	
				Honors	
BIOLSCI 2	B Intro Biology: Ecology	(5)	BIOSCI 106	Organismal and (4)
2102001	& Evolution	(0)		Environmental	,
	a Evolación		 	Biology	
BIOLSCI 2	C Intro Biology:	(5)	 ptogat 106	51	١
BIOLISCI 2			LPIOSCI IOO	Environmental	,
	Biodiversity & the Tree of Life		 		
	or rile			Biology	
CLIEM OR	Garal Chamister		GITEM 201	Company 1 Chamilature T (C	_
CHEM ZA	Genl Chemistry	(5)	CHEM 201	General Chemistry I (6)
			<u>OR</u> CHEM 201H	Company Chamistan T (6	`
			CHEM ZUIH	General Chemistry I - (6)
G	a 1 a1	<i>(</i> - <i>)</i>		Honors	,
CHEM 2B	Genl Chemistry	(5)	· —	General Chemistry I (6	-
_			I .	General Chemistry II (5	•
CHEM 2C	Genl Chemistry	(5)	CHEM 202	General Chemistry II (5)
CHEM 8A	Organia Cham Daiaf	(2)	INO COMPADAD	TE COURSE	_
	Organic Chem-Brief		NO COMPARAB		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARAB		
	OR			OR	
	Org Chem, Hlth & Sci		I .	Organic Chemistry I (5	,
CHEM 118E	Org Chem, Hlth & Sci	(4)	· —	Organic Chemistry I (5	
			1	Organic Chemistry II (5)
CHEM 1180	Org Chem, Hlth & Sci	(4)	CHEM 256	Organic Chemistry II (5)
					-

MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has	
			submitted course(s) for articulatio	n
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has	not
			submitted course(s) for articulation	n
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has	not
			submitted course(s) for articulation	n
	OR		OR	
MATH 21A	Calculus	(4)	MATH 211 Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212 Calculus II	(5)
PHYSICS 7A	General Physics	(4)	PHYSIC 110 & General Physics I	(4)
			PHYSIC 111 General Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYSIC 110 & General Physics I	(4)
			PHYSIC 111 General Physics II	(4)
PHYSICS 7C	General Physics	(4)	PHYSIC 110 & General Physics I	(4)
			PHYSIC 111 General Physics II	(4)

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

RECOMMENDED COURSES FOR THIS MAJOR:

MATH 21C Calculus

(4) MATH 213 Calculus III

(5)

END OF MAJOR

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

Special Advising Note:

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

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

a cumulative GPA of 3.20 or higher in required lower-division major coursework completed. If one course from the group is completed at the time the application is submitted, the grade for that one course must be B+ or better. If two or more courses from the group are completed at the time the application is submitted, the GPA for those courses combined must be a 3.20 or higher.

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

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

END OF MAJOR

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

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

Special Advising Note:

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

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

END OF MAJOR

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

Special Advising Note:

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

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

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

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

Advanged Diagoment (AD) and International Regardance (ID) Evenination Notes

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

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

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BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSCI 107 Molecular and (4) Cellular Biology
			<u>OR</u> BIOSCI 107H Molecular and (4)
			Cellular Biology - Honors
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106 Organismal and (4) Environmental Biology
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life		
BIOTECH 1Y	Introduction to Biotechnology	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHEM 2A	Genl Chemistry	(5)	CHEM 201 General Chemistry I (6)
			CHEM 201H General Chemistry I - (6) Honors
CHEM 2B	Genl Chemistry	(5)	CHEM 201 & General Chemistry I (6)
			CHEM 202 General Chemistry II (5)
CHEM 2C	Genl Chemistry	(5)	CHEM 202 General Chemistry II (5)
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE
CHEM 8B	Organic Chem-Brief		NO COMPARABLE COURSE
	OR		OR
			CHEM 255 Organic Chemistry I (5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 255 & Organic Chemistry I (5) CHEM 256 Organic Chemistry II (5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	
	= '		

	OR		OR
CHEM 128A	Organic Chemistry	(3)	CHEM 255 Organic Chemistry I (5)
CHEM 128B	Organic Chemistry	(3)	CHEM 255 & Organic Chemistry I (5)
			CHEM 256 Organic Chemistry II (5)
CHEM 128C	Organic Chemistry	(3)	CHEM 256 Organic Chemistry II (5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 255 Organic Chemistry I (5)
MATH 16A	Short Calculus	(3)	MATH 211 Calculus I (5)
MATH 16B	Short Calculus	(3)	MATH 212 Calculus II (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
MATH 21A	Calculus	(4)	MATH 211 Calculus I (5)
MATH 21B	Calculus	(4)	MATH 212 Calculus II (5)
PHYSICS 7A	General Physics	(4)	PHYSIC 110 & General Physics I (4)
			PHYSIC 111 General Physics II (4)
PHYSICS 7B	General Physics	(4)	PHYSIC 110 & General Physics I (4)
			PHYSIC 111 General Physics II (4)

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

	COURSEWORK FOR	BIOINFORMATI	CS OPTI	ON:	
ENG CS 20	C Sci/Discrete Math	(4) CMPSCI	256	Discrete Structures	(3)
ENG CS 36A	Programming	(4) CMPSCI	111	Introduction to	(3)
Formerly	ENG CS 30			Computer Algorithms	
				and Programming/JAVA	
		OR			
		CMPSCI	235	C Programming	(3)

RESTRICTED ELECTIVES FOR BIOINFORMATICS OPTION:

ENG CS 36B Ob	ject-Oriented Program	(4)	CMPSCI	236	C++ Object Oriented	(3)
Formerly EN	G CS 40				Programming	
ENG CS 36C Da	ta Structures	(4)	CMPSCI	282	Advanced Data	(3)
Formerly	ENG CS 60				Structures	
ENG CS 50 M	achine Dependent Prog	(4)	NO COM	PARABLE	COURSE	
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.

(for 2019-20)

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

BIOLSCI 2A Int:	ro Biology:Life on th	(5)	Cellular Biology
			<u>OR</u>
			BIOSCI 107H Molecular and (4) Cellular Biology - Honors
	ro Biology: Ecology volution	(5)	BIOSCI 106 Organismal and (4) Environmental Biology
Bio	ro Biology: diversity & the Tree Life	(5)	BIOSCI 106 Organismal and (4) Environmental Biology
CHEM 2A Genl C	hemistry	(5)	CHEM 201 General Chemistry I (6)
			CHEM 201H General Chemistry I - (6) Honors
CHEM 2B Genl Cl	hemistry	(5)	CHEM 201 & General Chemistry I (6) CHEM 202 General Chemistry II (5)
CHEM 2C Genl Cl	hemistry 	(5)	CHEM 202 General Chemistry II (5)
CHEM 8A Organi	c Chem-Brief	(2)	NO COMPARABLE COURSE
	c Chem-Brief OR		NO COMPARABLE COURSE NO COMPARABLE COURSE OR
CHEM 118A Org	Chem, Hlth & Sci	(4)	CHEM 255 Organic Chemistry I (5)
	Chem, Hlth & Sci		CHEM 255 & Organic Chemistry I (5)
011211 1202 019	0110111 11 201	(- /	CHEM 256 Organic Chemistry II (5)
CHEM 118C Org	Chem, Hlth & Sci	(4)	CHEM 256 Organic Chemistry II (5)
MATH 17A Calcu	lus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 17B Calcu	lus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 17C Calcu	lus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	OR		OR
MATH 21A Calcui	lus	(4)	MATH 211 Calculus I (5)
MATH 21B Calcu	lus 	(4)	MATH 212 Calculus II (5)
PHYSICS 7A Gene	eral Physics	(4)	PHYSIC 110 & General Physics I (4) PHYSIC 111 General Physics II (4)
PHYSICS 7B Gene	eral Physics	(4)	PHYSIC 110 & General Physics I (4) PHYSIC 111 General Physics II (4)
PHYSICS 7C Gene	eral Physics	(4)	PHYSIC 110 & General Physics I (4)
TE 1 12 13			PHYSIC 111 General Physics II (4)
			mplete an entire physics series at
			t to the entire UC Davis Physics 7A/B/C
			transfer without completing an entire physics courses upon arrival at UC
			vis advisor before continuing with
physics.	eed to meet with a UC	. Da'	vis advisor before continuing with

END OF MAJOR

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

Special Advising Note:

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

for details regarding UC Davis TAG.

General Education (GE) Note:

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

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

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

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

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

CHEM 2A	Genl Chemistry	(5)	CHEM 201 General Chemistry I (6) OR
			CHEM 201H General Chemistry I - (6) Honors
CHEM 2B	Genl Chemistry	(5)	CHEM 201 <u>&</u> General Chemistry I (6) CHEM 202 General Chemistry II (5)
CHEM 2C	Genl Chemistry OR	(5)	CHEM 202 General Chemistry II (5) OR
CHEM 2AH	_	(5)	 NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHEM 2BH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHEM 2CH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PHYSICS 9A	Classical Physics	(5)	PHYSIC 220 & Physics for (4) Scientists and Engineers: Mechanics of Solids and Fluids
			PHYSIC 221 & Physics for (4) Scientists and Engineers: Electricity and Magnetism
			PHYSIC 222 Physics for Sci and (4) Engrs: Waves, Heat, Optics and Modern Physics
PHYSICS 9B	Classical Physics	(5)	PHYSIC 220 & Physics for (4) Scientists and Engineers: Mechanics of Solids and Fluids
			PHYSIC 221 & Physics for (4) Scientists and Engineers: Electricity and Magnetism
			PHYSIC 222 Physics for Sci and (4) Engrs: Waves, Heat, Optics and Modern Physics
PHYSICS 9C	Classical Physics	(5)	PHYSIC 220 & Physics for (4) Scientists and Engineers: Mechanics of Solids and Fluids
			PHYSIC 221 & Physics for (4) Scientists and Engineers: Electricity and Magnetism

PHYSICS 9D	Modern Physics	(4)	PHYSIC 222 Physics for Sci and (4) Engrs: Waves, Heat, Optics and Modern Physics NO COMPARABLE COURSE
MATH 21A	Calculus	(4)	MATH 211 Calculus I (5)
MATH 21B	Calculus	(4)	MATH 212 Calculus II (5)
MATH 21C	Calculus	(4)	MATH 213 Calculus III (5)
MATH 21D	Vector Analysis	(4)	MATH 213 Calculus III (5)
MATH 22A	Linear Algebra	(3)	MATH 214 Linear Algebra (3)
MATH 22AL	Lin Alg Comp Lab	(1)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
MATH 22B	Differntl Equations	(3)	MATH 215 Differential Equations (3)
CHEM 128A	Organic Chemistry	(3)	CHEM 255 Organic Chemistry I (5)
CHEM 128B	Organic Chemistry	. ,	CHEM 255 & Organic Chemistry I (5)
	2		CHEM 256 Organic Chemistry II (5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 255 Organic Chemistry I (5)
			·

END OF MAJOR

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

Special Advising Note:

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

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

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

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

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

CHEM 2A	Genl Chemistry	(5)	CHEM 201 General Chemistry I (6)
			CHEM 201H General Chemistry I - (6) Honors
CHEM 2B	Genl Chemistry	(5)	CHEM 201 & General Chemistry I (6)
			CHEM 202 General Chemistry II (5)
CHEM 2C	Genl Chemistry	(5)	CHEM 202 General Chemistry II (5)
	OR		OR
CHEM 2AH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
CHEM 2BH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
CHEM 2CH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
PHYSICS 7A	General Physics	(4)	PHYSIC 110 & General Physics I (4)
11110100 /11	ceneral in bies	(- /	PHYSIC 111 General Physics II (4)
PHYSICS 7B	General Physics	(4)	PHYSIC 110 & General Physics I (4)
	2	` ,	PHYSIC 111 General Physics II (4)
PHYSICS 7C	General Physics	(4)	PHYSIC 110 & General Physics I (4)
	<u>-</u>		PHYSIC 111 General Physics II (4)

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

PHYDICD.	•	0.50			I			0.0	
DIIVATAA	0.7	OR	Dharaina	/ F \		220	_	OR	(1)
PHYSICS	9A	Classical	Physics	(5)	PHYSIC 	220	<u>&</u>	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
					PHYSIC	221	&	Physics for	(4)
							_	Scientists and Engineers: Electricity and	
					İ			Magnetism	
					PHYSIC 	222		Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS	9B	Classical	Physics	(5)	PHYSIC	220	<u>&</u>	Physics for Scientists and Engineers: Mechanics	(4)
								of Solids and Fluids	
					 PHYSIC 	221	<u>&</u>	Physics for Scientists and Engineers: Electricity and	(4)

PHYSI	PHYS 	 PHYS] PHYS] 				Engrs: Optics Physic Physic Scient Engine of Sol	es for Sci Waves, H s and Mode es es for lists and eers: Mech	eat, rn	(4)			
					 PHYS] PHYS] 			_	Scient Engine Electr Magnet Physic Engrs	es for cists and eers: ricity and cism es for Sci Waves, H s and Mode	and eat,	(4)
MATH	16A	Short Cal	lculus	(3)	MATH	211	-	Ca	alculus	s I		(5)
	16B	Short Cal		. ,	MATH				alculus			(5)
MATH	16C	Short Cal		(3)	MATH	212	2	Ca	alculus OF			(5)
MATH	17A		for BioSci	(4)					ICULATE	D: Colleg for artic		
MATH	17B	Calculus	for Biosci	(4)	NO CO	OURS	SE Z	ART]	ICULATE	ED: Colleg	e has	not
MATH	17C	Calculus	for BioSci	(4)	NO CO	OURS	SE Z	ART]	ICULATE	D: Colleg	e has	not
		OI	2		Subiii. 	ILLE	ea o	cour	rse(s) OF	for artic	ulatio)[]
MATH	21A	Calculus	•	(4)	MATH	211	_	Cá	alculus			(5)
MATH	21B	Calculus							alculus			(5)
MATH	21C	Calculus		(4)	MATH	213	3	Ca	alculus	SIII		(5)
	128A 128B	_	Chemistry Chemistry		 CHEM CHEM CHEM	255	<u>&</u>	Oı	rganic	Chemistry Chemistry Chemistry	I	(5) (5) (5)
CHEM	128C	Organic	Chemistry	(3)	CHEM					Chemistry		(5)
	129A	_	Chem Lab		CHEM					Chemistry		(5)
CHEM	129B	Organic	Chem Lab	(2)	CHEM CHEM		_			Chemistry Chemistry		(5) (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 $\frac{\text{highly recommended}}{\text{Preparing well for}}$ that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

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Transfer Admission Guarantee (TAG) Note:

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CHEM 2A	Genl Chemistry	(5)	CHEM 201 General Chemistry I (6)
			CHEM 201H General Chemistry I - (6) Honors
CHEM 2B	Genl Chemistry	(5)	CHEM 201 & General Chemistry I (6)
CHEM OC	Garal Chamilatan	(-)	CHEM 202 General Chemistry II (5)
CHEM 2C	Genl Chemistry OR	(5)	CHEM 202 General Chemistry II (5) OR
CHEM 2AH	Honors Genl Chemistry	y (5)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
CHEM 2BH	Honors Genl Chemistry	y (5)	NO COURSE ARTICULATED: College has not
снем эсн	Honors Genl Chemistry	, (5)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not
CHERT ZCH	nonors denr enemiser,	y (3)	submitted course(s) for articulation
PHYSICS 9A	Classical Physics	(5)	PHYSIC 220 & Physics for (4) Scientists and Engineers: Mechanics of Solids and Fluids
			PHYSIC 221 & Physics for (4) Scientists and Engineers: Electricity and Magnetism
			PHYSIC 222 Physics for Sci and (4) Engrs: Waves, Heat, Optics and Modern Physics
PHYSICS 9B	Classical Physics	(5)	PHYSIC 220 & Physics for (4) Scientists and Engineers: Mechanics of Solids and Fluids
			PHYSIC 221 & Physics for (4) Scientists and

PHYSICS 9C Classical Physics ((5)	Engineers: Electricity and Magnetism PHYSIC 222 Physics for Sci and (4) Engrs: Waves, Heat, Optics and Modern Physics PHYSIC 220 Physics for (4) Scientists and
			Engineers: Mechanics of Solids and Fluids PHYSIC 221 & Physics for (4) Scientists and Engineers: Electricity and Magnetism PHYSIC 222 Physics for Sci and (4)
			Engrs: Waves, Heat, Optics and Modern Physics
MATH 21A	Calculus	(4)	MATH 211 Calculus I (5)
MATH 21B			MATH 212 Calculus II (5)
MATH 21C	Calculus		MATH 213 Calculus III (5)
MATH 21D	Vector Analysis		MATH 213 Calculus III (5)
MATH 22A	Linear Algebra		MATH 214 Linear Algebra (3)
MATH 22AL	Lin Alg Comp Lab	(1)	NO COURSE ARTICULATED: College has not
			submitted course(s)for articulation
MATH 22B	Differntl Equations	(3)	MATH 215 Differential Equations (3)
CHEM 128A	Organic Chemistry	(3)	CHEM 255 Organic Chemistry I (5)
CHEM 128B	Organic Chemistry		CHEM 255 & Organic Chemistry I (5)
			CHEM 256 Organic Chemistry II (5)
CHEM 128C	Organic Chemistry	(3)	CHEM 256 Organic Chemistry II (5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 255 Organic Chemistry I (5)
CHEM 129B	Organic Chem Lab	(2)	CHEM 255 & Organic Chemistry I (5)
			CHEM 256 Organic Chemistry II (5)
CHEM 129C	Organic Chem Lab		CHEM 256 Organic Chemistry II (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 $\frac{\text{highly recommended}}{\text{Preparing well for}}$ that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

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

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CHEM 2A	Genl Chemistry	(5)	CHEM 201 General Chemistry I (6)
			CHEM 201H General Chemistry I - (6) Honors
CHEM 2B	Genl Chemistry	(5)	CHEM 201 & General Chemistry I (6) CHEM 202 General Chemistry II (5)
CHEM 2C	Genl Chemistry OR	(5)	CHEM 202 General Chemistry II (5)
Спем Эуп	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not
CHEM ZAH	Honors Genr Chemistry	(3)	submitted course(s) for articulation
CHEM 2BH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHEM 2CH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
			submitted course(s) for articulation
PHYSICS 7A	General Physics	(4)	PHYSIC 110 & General Physics I (4)
DIMIGEGG ED		(1)	PHYSIC 111 General Physics II (4)
PHYSICS /B	General Physics	(4)	PHYSIC 110 & General Physics I (4)
DHVQTCQ 7C	General Physics	(4)	PHYSIC 111 General Physics II (4) PHYSIC 110 & General Physics I (4)
F11151C5 /C	General rhysics	(4)	PHYSIC 111 General Physics II (4)

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

		OR						OR	
PHYSICS	9A	Classical	Physics	(5)	PHYSIC	220	<u>&</u>	Physics for Scientists and Engineers: Mechanics of Solids and	(4)
					 PHYSIC	221	<u>&</u>	Fluids Physics for	(4)

			Scientists and Engineers: Electricity and Magnetism PHYSIC 222 Physics for Sci and (4) Engrs: Waves, Heat, Optics and Modern
PHYSICS 9B	Classical Physics	(5)	Physics PHYSIC 220 & Physics for (4) Scientists and Engineers: Mechanics of Solids and Fluids
			PHYSIC 221 & Physics for (4) Scientists and Engineers: Electricity and Magnetism
			PHYSIC 222 Physics for Sci and (4) Engrs: Waves, Heat, Optics and Modern Physics
PHYSICS 9C	Classical Physics	(5)	PHYSIC 220 & Physics for (4) Scientists and Engineers: Mechanics of Solids and Fluids
			PHYSIC 221 & Physics for (4) Scientists and Engineers: Electricity and Magnetism
			PHYSIC 222 Physics for Sci and (4) Engrs: Waves, Heat, Optics and Modern Physics
MATH 16A	Short Calculus	(3)	MATH 211 Calculus I (5)
MATH 16A	Short Calculus		MATH 212 Calculus II (5)
MATH 16C	Short Calculus		MATH 212 Calculus II (5)
	OR	, ,	OR
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not
MATH 17B	Calculus for Biosci	(1)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not
MAIN 1/B	Calculus for Bloser	(4)	submitted course(s) for articulation
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not
	OR		submitted course(s) for articulation OR
MATH 21A	Calculus	(4)	MATH 211 Calculus I (5)
MATH 21B		(4)	MATH 212 Calculus II (5)
MATH 21C	Calculus		MATH 213 Calculus III (5)
BIOLSCI 2A		(5)	BIOSCI 107 Molecular and (4) Cellular Biology OR
			BIOSCI 107H Molecular and (4) Cellular Biology - Honors
STATIST 13 Same as:	Elementary Statistics STATIST 13Y	(4)	MATH 140 Introductory (4) Statistics OR
			MATH 140H Introductory (4)

			Statistics - Honors	
CENTER 20	OR	(4)	OR PSYCH 104 Statistics for the (3 Behavioral Sciences OR OR PSYCH PSY)
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE	_
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 255 Organic Chemistry I (5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 255 & Organic Chemistry I (5)
			CHEM 256 Organic Chemistry II (5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 256 Organic Chemistry II (5)
	OR		OR	
CHEM 128A	Organic Chemistry	(3)	CHEM 255 Organic Chemistry I (5)
CHEM 128B	Organic Chemistry	(3)	CHEM 255 & Organic Chemistry I (5)
			CHEM 256 Organic Chemistry II (5)
CHEM 128C	Organic Chemistry	(3)	CHEM 256 Organic Chemistry II (5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 255 Organic Chemistry I (5)
CHEM 129B	Organic Chem Lab	(2)	CHEM 255 & Organic Chemistry I (5)
			CHEM 256 Organic Chemistry II (5)

END OF MAJOR

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

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

CHEM 2A	Genl Chemistry	(5)	CHEM 201 General Chemistry I (6)
			CHEM 201H General Chemistry I - (6) Honors
CHEM 2B	Genl Chemistry	(5)	CHEM 201 & General Chemistry I (6)
			CHEM 202 General Chemistry II (5)
CHEM 2C	Genl Chemistry	(5)	CHEM 202 General Chemistry II (5)
	OR		OR
CHEM 2AH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not
	-		submitted course(s) for articulation
CHEM 2BH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not
011211 2211		(0)	submitted course(s) for articulation
CHEM 2CH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not
CHEM ZCH	HOHOLD GEHL CHEMIDELY	(3)	submitted course(s) for articulation
			Submitted Course(s) for articulation
DHVQTCQ 7A	General Physics	(4)	PHYSIC 110 & General Physics I (4)
FIIIDICD /A	General Fliysics	(1)	PHYSIC 111 General Physics II (4)
DIWATAA 7D	Comment Discovition	(1)	1
PHYSICS 7B	General Physics	(4)	PHYSIC 110 & General Physics I (4)
			PHYSIC 111 General Physics II (4)
PHYSICS 7C	General Physics	(4)	PHYSIC 110 $\underline{\&}$ General Physics I (4)
			PHYSIC 111 General Physics II (4)

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

OR						OR				
PHYSICS	9A	Classical	Physics	(5)	PHYSIC 	220	<u>&</u>	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)	
					PHYSIC 	221	<u>&</u>	Physics for Scientists and Engineers: Electricity and Magnetism	(4)	
					PHYSIC	222		Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)	
PHYSICS	9B	Classical	Physics	(5)	PHYSIC	220	<u>&</u>	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)	
					PHYSIC	221	<u>&</u>	Physics for Scientists and Engineers: Electricity and Magnetism	(4)	
					PHYSIC	222		Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)	
PHYSICS	9C	Classical	Physics	(5)	PHYSIC	220	<u>&</u>	Physics for Scientists and Engineers: Mechanics	(4)	

			of Solids and Fluids PHYSIC 221 & Physics for (4 Scientists and Engineers: Electricity and Magnetism PHYSIC 222 Physics for Sci and (4 Engrs: Waves, Heat, Optics and Modern Physics	
		(2)		_
MATH 16A	Short Calculus Short Calculus		MATH 211 Calculus I (5	
MATH 16B MATH 16C	Short Calculus	(3)	MATH 212 Calculus II (5 MATH 212 Calculus II (5	
MATH 16C	OR	(3)	MATH 212 Calculus II (5)
MATH 17A	_	(4)	NO COURSE ARTICULATED: College has no	+
MAIII 1/A	carculus for brober	(1)	submitted course(s) for articulation	C
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has no submitted course(s) for articulation	t
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has no	+
1111111 170	carcaras for Brober	(1)	submitted course(s) for articulation	C
	OR		OR	
MATH 21A		(4)	MATH 211 Calculus I (5)
MATH 21B	Calculus	(4)	MATH 212 Calculus II (5)
MATH 21C	Calculus	(4)	MATH 213 Calculus III (5)
BIOLSCI 2A	Intro Biology:Life on	(5)	BIOSCI 107 Molecular and (4	-)
	Earth		Cellular Biology	
			<u>OR</u>	
			BIOSCI 107H Molecular and (4 Cellular Biology - Honors)
ENV TOX 20	Introduction to Forensic Science		NO COURSE ARTICULATED: College has no submitted course(s) for articulation	
STATIST 13 Same as:	Elementary Statistics STATIST 13Y	(4)	MATH 140 Introductory (4 Statistics)
			OR	
			MATH 140H Introductory (4 Statistics - Honors)
			OR	
			PSYCH 104 Statistics for the (3 Behavioral Sciences)
	OR		OR	
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE	_
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 255 Organic Chemistry I (5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 255 & Organic Chemistry I (5)
			CHEM 256 Organic Chemistry II (5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 256 Organic Chemistry II (5)
	OR		OR	
CHEM 128A	Organic Chemistry		CHEM 255 Organic Chemistry I (5	
CHEM 128B	Organic Chemistry	(3)	CHEM 255 & Organic Chemistry I (5	
a			CHEM 256 Organic Chemistry II (5	
CHEM 128C	Organic Chemistry		CHEM 256 Organic Chemistry II (5	
CHEM 129A	Organic Chem Lab		CHEM 255 Organic Chemistry I (5	
CHEM 129B	Organic Chem Lab	(\(\(\(\) \)	CHEM 255 & Organic Chemistry I (5	
			CHEM 256 Organic Chemistry II (5	<i>)</i>

====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.

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College Foreign Language Requirement Note:

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

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

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available from our TAG website.

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

ONE COURSE FROM THE FOLLOWING:

CHICANO 65	New Latin American Cinema	(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation					
CHICANO 70	Survey Chic Art	(4) NO COMPARABLE COURSE					
CHICANO 73	Art Expr Silk Scr	(4) NO COMPARABLE COURSE					
SPANISH 1	Elementary Spanish	(5) SPAN 101 Elementary Spanish I (4)					
SPANISH 2	Elementary Spanish	(5) SPAN 101 & Elementary Spanish I (4)					
		SPAN 102 Elementary Spanish II (4)					
SPANISH 3	Elementary Spanish	(5) SPAN 102 Elementary Spanish II (4)					
	OR	OR					
SPANISH 28	Inter Conversation	(2) NO COMPARABLE COURSE					
SPANISH 31	Int Span Nat Spk I	(5) NO COMPARABLE COURSE					
SPANISH 32	Int Span Nat Spk II	(5) NO COMPARABLE COURSE					
END OF MAJOR							

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

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

	rom our TAG website.	arts for AP and IB are also						
	Chicano Culture	(4) NO COMPARABLE COURSE (4) NO COMPARABLE COURSE						
		(4) NO COMPARABLE COURSE OR						
CHICANO 40	Comparative Health	(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation						
	ONE COURSE FROM THE FOLLOWING:							
CHICANO 60	Chicana and Chicano Representn in Cinema	(4) NO COMPARABLE COURSE						
CHICANO 65	-	(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation						
CHICANO 70 CHICANO 73	Survey Chic Art Art Expr Silk Scr	(4) NO COMPARABLE COURSE (4) NO COMPARABLE COURSE						
	ONE COURSE F	ROM THE FOLLOWING:						
CHICANO 23	Qualitative Research Methods	(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation						
PSYCH 41	Research Methods	(4) PSYCH 103 Introduction to (3) Behavioral Research						
SOCIOL 46A	Intro Social Rsch	(4) NO COMPARABLE COURSE						
		(5) SPAN 101 Elementary Spanish I (4)						
SPANISH 2	Elementary Spanish	(5) SPAN 101 & Elementary Spanish I (4) SPAN 102 Elementary Spanish II (4)						
SPANISH 3	Elementary Spanish OR	(5) SPAN 102 Elementary Spanish II (4) OR						
SPANISH 28		(2) NO COMPARABLE COURSE						
SPANISH 31		(5) NO COMPARABLE COURSE						
SPANISH 32	inc Span Nac Spk II	(5) NO COMPARABLE COURSE						

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

Special Advising Note:

END OF MAJOR

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

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

Chinese Placement Examination Note:

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

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

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

RECOMMENDED COURSES FOR THIS MAJOR:

CHINESE CHINESE		Modern Lit (in Engl) Gt Bks China (Engl)			COMPARABLE COMPARABLE	
		_				
CHINESE 5		Intro to Literature	(4)	NO	COMPARABLE	COURSE
		JPNESE 50				
COMPLIT 3	14	Intro Poetry			COMPARABLE	
JPNESE 10	0	Masterworks in English	(4)	NO	COMPARABLE	COURSE
LINGUIS 3	1	Intro Linguistics	(4)	NO	COMPARABLE	COURSE
HISTORY 9	9A	East Asian Civ	(4)	NO	${\tt COMPARABLE}$	COURSE

END OF MAJOR

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

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

GINEGER 12 Modia Computation (A) NO COURCE AREIGNIAGED: Callogs bog not

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

Select two of the following courses:

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

Select two of the following courses:

FILM ST 1	Intro to Film Studies		GE ARTICULATED: College has not ed course(s) for articulation
	l II	Babilitee	ca coarse(s) for arcicalacton
Former.	ly Humanities 10		
TCULST 1	Intro Technocultural		SE ARTICULATED: College has not
	Studies	submitte	ed course(s) for articulation
TCULST 5	Media Archaeology	(4) NO COURS	SE ARTICULATED: College has not
		submitte	ed course(s) for articulation

END OF MAJOR

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

Special Advising Note:

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

Transfer applicants must also complete all lower-division courses required for their specific engineering major as listed below under courses "Required for Admission" with a cumulative GPA of 3.20 or higher for those courses completed at the time of application and through the transfer academic update filing

period. Before submitting a UC application, students must have already achieved a cumulative GPA of 3.20 or higher in required lower-division major coursework completed. If one course from the group is completed at the time the application is submitted, the grade for that one course must be B+ or better. If two or more courses from the group are completed at the time the application is submitted, the GPA for those courses combined must be a 3.20 or higher.

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

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

END OF MAJOR

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

Transfer students are strongly advised to complete as many preparatory courses

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

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

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

TWO COURSES FROM THE FOLLOWING:

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

ONE ADDITIONAL COURSE SELECTED FROM:

ARTHI 1A	Ancient Mediterranean Art	(4)	ART 110 Art History: Ancient to (3)
			Medieval
CLASSIC 1	N East/Early Gr	, ,	NO COMPARABLE COURSE
CLASSIC 2	Anc Gr & Near East	(4)	NO COMPARABLE COURSE
CLASSIC 3	Rome & The Mediter	(4)	NO COMPARABLE COURSE
CLASSIC 4	Late Antiquity	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s)for articulation
CLASSIC 10	Gr,Roman,N East Myth	(3)	NO COMPARABLE COURSE
CLASSIC 15	Women & Gender in	(4)	NO COMPARABLE COURSE
	Classical Antiquity		
CLASSIC 20	Pompeii AD 79	(4)	NO COMPARABLE COURSE
CLASSIC 25	Classical America	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s)for articulation
CLASSIC 30	Word Roots	(3)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
CLASSIC 31	Technical Word Roots	(3)	NO COURSE ARTICULATED: College has not
			submitted course(s)for articulation
CLASSIC 40	Economy in Ancient Med	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
CLASSIC 50	Ancient Science	(4)	NO COMPARABLE COURSE
Same as:	SCI&TEC 50		
COMPLIT 1	Major Books-Ancient	(4)	NO COMPARABLE COURSE
	World		
PHILOS 21	Phil Classics: Ancient	(4)	PHILOS 110 History of Ancient (3)
			Philosophy
REL STD 21	The Bible	(4)	NO COMPARABLE COURSE
REL STD 40	New Testament	(4)	NO COMPARABLE COURSE

END OF MAJOR

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

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <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
UC Davis College Dean's Office or the Biology Academic Success Center for more
information.

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

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

LATIN 1	Elementary Latin	(5) NO COMPARABLE COURSE
LATIN 2	Elementary Latin	(5) NO COMPARABLE COURSE
LATIN 3	Intermediate Latin	(5) NO COMPARABLE COURSE
	AND	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
CLASSIC 3	Rome & The Mediter	(4) NO COMPARABLE COURSE
CLASSIC 4	Late Antiquity	(4) NO COURSE ARTICULATED: College has no
		submitted course(s)for articulation

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

Education(GE) Note:

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

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

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

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

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

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

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

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

ENGLISH 3 Intro to Lit (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation

OR

UWRITING 1 Expository Writing (4) ENGL 101 English Composition (3)

OR

ENGL 101H Honors - English (4)

				Composition	
COMUNCN 1	Intro Public Spkg	(4)	COMS 105	Fundamentals of Public Speaking	(3)
			COMS 105H	Fundamentals in Public Speaking- Honors	(3)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSCI 107 OR	Molecular and Cellular Biology	(4)
			BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106 	Organismal and Environmental Biology	(4)
CHEM 2A	Genl Chemistry	(5)	CHEM 201	General Chemistry I	(6)
			<u>SR</u> CHEM 201H 	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)	· —		(6)
GITEM OG	Caral Chaminton	(-)	CHEM 202	General Chemistry II	(5)
CHEM 2C CHEM 8A	Genl Chemistry Organic Chem-Brief		CHEM 202 NO COMPARABI	General Chemistry II	(5)
CHEM 8B	Organic Chem-Brief		NO COMPARABI		
ECON 1A	Princ of Microecon OR	(4)	ECON 202 	Microeconomics OR	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 201	Macroeconomics	(3)
PSYCH 1	General Psychology	(4)	PSYCH 101 OR	Introduction to Psychology	(3)
			PSYCH 101H	Introduction to Psychology - Honors	(3)
SOCIOL 1	Intro Sociology	(5)	SOCI 101 	Introduction to Sociology	(3)
SOCIOL 3	OR Social Problems OR	(4)	 SOCI 207 	OR Social Problems OR	(3)
ANTHRO 2	Cultural Anthropology	(5)	ANTHRO 103		(3)
	Elementary Statistics : STATIST 13Y	(4)	MATH 140 OR	Introductory Statistics	(4)
			MATH 140H	Introductory Statistics - Honors	(4)
			<u>OR</u> PSYCH 104 	Statistics for the Behavioral Sciences	(3)

END OF MAJOR

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

Special Advising Note:

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

LINGUIS 1	Intro Linguistics	(4)	NO COMPARABLE COURSE
COG SCI 1 I	ntro Cognitive Science OR	(4)	NO COURSE ARTICULATED OR
PHILOS 10	Intro Cognitive Science	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PHILOS 12 PHILOS 13G	Intro to Symbol Logic Minds, Brains Comp w/Disc		PHILOS 230 Symbolic Logic (3) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PSYCH 1	General Psychology	(4)	PSYCH 101 Introduction to (3) Psychology OR
			PSYCH 101H Introduction to (3) Psychology - Honors
PSYCH 41	Research Methods	(4)	PSYCH 103 Introduction to (3) Behavioral Research

STATIST Same	Elementary STATIST 13Y	Statistics	(4)	MATH 140 	Introductory Statistics	(4)
				OR		
				MATH	Introductory Statistics - Honors	(4)
				OR		
				PSYCH 104	Statistics for the Behavioral Sciences	(3)

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

	Emphasis	1: Cor	mputational		
ENG CS 20	C Sci/Discrete Math	(4)	CMPSCI 256	Discrete Structures	(3)
ENG CS 32A	<pre>Intro to Programming(4)</pre>		NO COMPARABLE	COURSE	
Formerly	r ENG CS 10				
	OR			OR	
ENG CS 36A	2 2	(4)	CMPSCI 111		(3)
Formerly	ENG CS 30			Computer Algorithms	
				and Programming/JAVA	

			<u>OR</u> CMPSCI 235
ENG CS 34 T	UNIX & C++ OR	(5)	NO COURSE ARTICULATED OR
ENG CS 36B Formerly	Object-Oriented Program ENG CS 40	(4)	CMPSCI 236 C++ Object Oriented (3) Programming
ENG CS 50 ENG CS 32B	Machine Dependent Prog Intro to Data Structures	(4) (4)	NO COMPARABLE COURSE
	OR Data Structures ly ENG CS 60	(4)	OR CMPSCI 282 Advanced Data (3) Structures
LINGUIS 1	Intro Linguistics	(4)	NO COMPARABLE COURSE
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not
МАТН 17В		(4)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 21A	OR Calculus	(4)	OR MATH 211 Calculus I
MATH 21B			MATH 212 Calculus II (5)
	Linear Algebra Lin Alg Comp Lab		MATH 214 Linear Algebra (3) NO COURSE ARTICULATED: College has not submitted course(s)for articulation
COG SCI 1 In	ntro Cognitive Science OR	(4)	NO COURSE ARTICULATED OR
PHILOS 10	Intro Cognitive Science	(4)	OR NO COURSE ARTICULATED: College has not submitted course(s)for articulation
PHILOS 12 PHILOS 13G	Intro to Symbol Logic Minds, Brains Comp w/Disc		PHILOS 230 Symbolic Logic (3) NO COURSE ARTICULATED:College has not submitted course(s)for articulation
PSYCH 1	General Psychology	(4)	PSYCH 101 Introduction to (3) Psychology OR
			PSYCH 101H Introduction to (3) Psychology - Honors
PSYCH 41	Research Methods	(4)	PSYCH 103 Introduction to (3) Behavioral Research
	Elementary Statistics STATIST 13Y	(4)	MATH 140 Introductory (4) Statistics
			<u>OR</u> MATH 140H
			<u>OR</u> PSYCH 104 Statistics for the (3) Behavioral Sciences
		s 2:	Neuroscience
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSCI 107 Molecular and (4) Cellular Biology OR
			BIOSCI 107H Molecular and (4) Cellular Biology - Honors
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	
BIOLSCI 2C	Intro Biology:	(5)	BIOIOGY BIOSCI 106 Organismal and (4)

	Biodiversity & the Tree of Life	2	Environmental Biology
LINGUIS 1	Intro Linguistics	(4)	NO COMPARABLE COURSE
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	OR		OR
MATH 21A MATH 21B		(4) (4)	MATH 211 Calculus I (5) MATH 212 Calculus II (5)
MATH 21C	Calculus		MATH 213 Calculus III (5)
	ntro Cognitive Science OR	(4)	NO COURSE ARTICULATED OR
PHILOS 10	Intro Cognitive Science	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
PHILOS 13G	Minds, Brains Comp w/Disc		NO COURSE ARTICULATED:College has not submitted course(s)for articulation
PHYSICS 7A	General Physics	(4)	PHYSIC 110 & General Physics I (4)
PHYSICS 7B	General Physics	(4)	PHYSIC 111 General Physics II (4) PHYSIC 110 & General Physics I (4)
11110100 72	deneral injeres	(- /	PHYSIC 111 General Physics II (4)
PHYSICS 7C	General Physics	(4)	PHYSIC 110 & General Physics I (4) PHYSIC 111 General Physics II (4)
	OR		OR
PHYSICS 9A	Classical Physics	(5)	PHYSIC 220 & Physics for (4) Scientists and Engineers: Mechanics of Solids and Fluids
			PHYSIC 221 & Physics for (4) Scientists and Engineers: Electricity and Magnetism
			PHYSIC 222 Physics for Sci and (4) Engrs: Waves, Heat, Optics and Modern Physics
PHYSICS 9B	Classical Physics	(5)	PHYSIC 220 & Physics for (4) Scientists and Engineers: Mechanics of Solids and Fluids
			PHYSIC 221 & Physics for (4) Scientists and Engineers: Electricity and
			Magnetism PHYSIC 222 Physics for Sci and (4) Engrs: Waves, Heat, Optics and Modern Physics
PHYSICS 9C	Classical Physics	(5)	PHYSIC 220 & Physics for (4) Scientists and Engineers: Mechanics of Solids and

		 PHYSIC 221 & PHYSIC 222	Fluids Physics for Scientists and Engineers: Electricity and Magnetism Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PSYCH 1 General Psychology	(4)	PSYCH 101 OR	Introduction to Psychology	(3)
		PSYCH 101H	Introduction to Psychology - Honors	(3)
PSYCH 41 Research Methods	(4)	PSYCH 103	Introduction to Behavioral Research	(3)
STATIST 13 Elementary Statistics Same as: STATIST 13Y	(4)	MATH 140 OR	Introductory Statistics	(4)
		MATH 140H	Introductory Statistics - Honors	(4)
		<u>OR</u> PSYCH 104 	Statistics for the Behavioral Sciences	(3)

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

College Foreign Language Requirement Note:

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

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

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

ANTHRO 4	Anthro Linguistics OR	(4)	NO COMPARA	ABLE COURSE OR
LINGUIS 1	Intro Linguistics	(4)	NO COMPARA	ABLE COURSE
COMUNCN 1	Intro Public Spkg	(4)	COMS 105 OR	Fundamentals of (3) Public Speaking
	OR		OK COMS 105H 	Fundamentals in (3) Public Speaking- Honors OR
COMUNCN 3		(4)	 COMS 246 	
	Global English Comm LINGUIS 5 OR	(4)	!	ARTICULATED:College has not course(s)for articulation OR
	Global English Comm COMUNCN 5	(4)	!	ARTICULATED: College has not course(s) for articulation
COMUNCN 10Y	Intro to Communication	(4)	!	ARTICULATED: College has not course(s)for articulation
B) ENG CS 1	5 Intro to Computers	(4)	NO COMPARA	ABLE COURSE

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

	OR			OR	
PHILOS 12	Intro to Symbol Logic	(4)	PHILOS 230	Symbolic Logic	(3)
PSYCH 1	General Psychology	(4)	PSYCH 101	Introduction to Psychology	(3)
			PSYCH 101H	Introduction to Psychology - Honors	(3)
SOCIOL 1	Intro Sociology	(5)	SOCI 101 	Introduction to Sociology	(3)
SOCIOL 46B	Intro Social Rsch OR	(5)	NO COMPARABI	LE COURSE OR	
STATIST 13	Elementary Statistics	(4)	 MATH 140	Introductory	(4)

Same as:	STATIST	13Y		Statistics	
			<u>OR</u>		
			MATH 140H	Introductory Statistics - Honors	(4)
			OR	Statistics - Hollors	
			PSYCH 104	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:

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

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

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

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

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

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

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

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

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

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

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

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

TWO COURSES FROM THE FOLLOWING:

COMUNCN 1	Intro Public Spkg	(4)	COMS 105	Fundamentals of Public Speaking	(3)
			OR		
			COMS 105H		(3)
				Public Speaking-	
				Honors	
COMPLIT 1	Major Books-Ancient World	(4)	NO COMPARA	ABLE COURSE	
COMPLIT 2	Major Books-Middle Ages to Enlightenment	(4)	NO COMPARA	ABLE COURSE	
COMPLIT 3	Major Books-The Modern	(4)	NO COMPARA	ABLE COURSE	
	Crisis				
COMPLIT 4	Maj Books:Cont Wrld	(4)	NO COMPARA	ABLE COURSE	
ENGLISH 3	Intro to Lit	(4)	NO COURSE	ARTICULATED: College has	not
			submitted	<pre>course(s)for articulatio</pre>	n
N A STD 5	Intro NA Literature	(4)	NO COMPARA	ABLE COURSE	
UWRITING 1	Expository Writing	(4)	ENGL 101	English Composition	(3)
			OR		
			ENGL 101H	Honors - English	(4)
				Composition	
UWRITING 48	Style in the Essay	(4)	ENGL 103	Critical Reading,	(3)
Formerly	UWRITING 18			Writing and Thinking	
UWRITING 49	Writing Research Papers	(4)	ENGL 103	Critical Reading,	(3)
Formerly UW	RITING 19			Writing and Thinking	
	2			ABLE COURSE	
CM&RGDE 2	Ethnicity Amer Comm	(4)	NO COMPARA	ABLE COURSE	
PL SCI 21	Computers in Technology	(3)	NO COMPARA	ABLE COURSE	

(4) NO COMPARABLE COURSE

B) ENG CS 15 Intro to Computers

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

ECON 1A	Princ of Microecon OR	(4)	ECON 202	Microeconomics OR	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 201	Macroeconomics	(3)
ANTHRO 2	Cultural Anthropology OR	(5)	ANTHRO 103 	Cultural Anthropology OR	(3)
SOCIOL 1	Intro Sociology	(5)	SOCI 101	Introduction to Sociology	(3)
	Elementary Statistics STATIST 13Y	(4)	MATH 140 OR	Introductory Statistics	(4)
			MATH 140H	Introductory Statistics - Honors	(4)
	OR		PSYCH 104	Statistics for the Behavioral Sciences OR	(3)
STATIST 32	Gateway to Data Science OR	(4)	 NO COMPARAB: 		
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARAB	LE COURSE	

END OF MAJOR

- e) If a student takes ENGL 103 at College of the Canyons, credit will be given for UC Davis's UWP 18 or 19, not both.
- B) UCD ENG CS 15 not intended for Computer Science or Computer Science Engineering majors. Only two units of credit allowed to students who have completed PLT SCI 21.

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

COMPLIT 1 Major Books-Ancient (4) NO COMPARABLE COURSE
World
OR
COMPLIT 2 Major Books-Middle Ages (4) NO COMPARABLE COURSE
to Enlightenment

COMPLIT 3 Major Books-The Modern (4) NO COMPARABLE COURSE
Crisis
OR
OR
COMPLIT 4 Maj Books:Cont Wrld (4) NO COMPARABLE COURSE

TWO COURSES FROM THE FOLLOWING:

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

COMPLIT	1	Major Books-Ancient World	(4)) NO COMPARABLE COURSE	
COMPLIT	2	Major Books-Middle Ages to Enlightenment	(4)) NO COMPARABLE COURSE	
COMPLIT	3	Major Books-The Modern Crisis	(4)) NO COMPARABLE COURSE	
COMPLIT	4	Maj Books:Cont Wrld	(4)) NO COMPARABLE COURSE	
COMPLIT	5	Fairy Tales, Fables,	(4)) NO COMPARABLE COURSE	
		Parables			
COMPLIT	6	Myths & Legends	(4)) ENGL 271 Mythology (3	()
COMPLIT	7	Lit:Fant,Supernatl	(4)) NO COMPARABLE COURSE	
COMPLIT	8	Utopias Transform	(4)) NO COMPARABLE COURSE	
COMPLIT	9	Short Story & Novella	(4)) NO COMPARABLE COURSE	
COMPLIT	11	Travel and Modern World	(4)) NO COURSE ARTICULATED: College has no	ıτ
Same	as:	GERMAN 11		submitted course(s)for articulation	
COMPLIT	12	Intro Women Writers	(4)) NO COMPARABLE COURSE	
COMPLIT	13	Dramatic Lit	(3)) NO COMPARABLE COURSE	
COMPLIT	14	Intro Poetry	(3)) NO COMPARABLE COURSE	

COMPLIT 20	Humans & Natural World	(4) NO COMPARABLE COURSE
COMPLIT 24	Animals in Literature	(4) NO COURSE ARTICULATED: College has not
		submitted course(s)for articulation
COMPLIT 25	Ethnic Writers	(4) NO COMPARABLE COURSE
COMPLIT 53A	Lit of East Asia	(4) NO COMPARABLE COURSE
COMPLIT 53B	Lit of South Asia	(4) NO COMPARABLE COURSE
COMPLIT 53C	Lit of the Islamic	(4) NO COURSE ARTICULATED: College has not
	World	submitted course(s) for articulation

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

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

END OF MAJOR

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

Special Advising Note:

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

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

END OF MAJOR

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

Special Advising Note:

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

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

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

END OF MAJOR

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

Special Advising Note:

REQUIREMENTS FOR ADMISSION:

(for 2018-19)

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

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

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

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

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

Special Advising Note:

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

MATH 21A Calculus	. ,	!	alculus I	(5)
MATH 21B Calculus	(4)	MATH 212 C	alculus II	(5)
MATH 21C Calculus	(4)	MATH 213 C	alculus III 	(5)
MATH 22A Linear Algebra OR	(3)	MATH 214 L	inear Algebra OR	(3)
MATH 67 Modern Linear Algebra	(4)	NO COURSE ART	ICULATED: College has	not
Initia o, modern britear mrgebra	(- /	!	_	
		submitted cou	rse(s) for articulation	on
ENG CS 20 C Sci/Discrete Math	(4)	CMPSCI 256	Discrete Structures	(3)
ENG CS 36A Programming	(4)	CMPSCI 111	Introduction to	(3)
Formerly ENG CS 30	(- /		Computer Algorithms	(0)
FOIMELTY ENG CS 30		ļ		
			and Programming/JAVA	
		OR		
		CMPSCI 235	C Programming	(3)
ENG CS 36B Object-Oriented Program	(4)	CMPSCI 236	C++ Object Oriented	(3)
Formerly ENG CS 40	. ,	İ	Programming	` ,
2	(4)	LOWDOOT 202	5	(2)
ENG CS 36C Data Structures	(4)	CMPSCI 282	Advanced Data	(3)
Formerly ENG CS 60			Structures	
ENG CS 50 Machine Dependent Prog	(4)	NO COMPARABLE	COURSE	
		•		

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSCI 107 Molecular and (4) Cellular Biology
			<u>OR</u> BIOSCI 107H Molecular and (4) Cellular Biology - Honors
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	!
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSCI 106 Organismal and (4) Environmental Biology
CHEM 2A	Genl Chemistry	(5)	CHEM 201 General Chemistry I (6) OR CHEM 201H General Chemistry I - (6)
CHEM 2B	Genl Chemistry	(5)	Honors CHEM 201 & General Chemistry I (6)
CHEM 2C CHEM 2AH	Genl Chemistry Honors Genl Chemistry		CHEM 202 General Chemistry II (5) CHEM 202 General Chemistry II (5) NO COURSE ARTICULATED: College has not
CHEM 2BH	Honors Genl Chemistry		submitted course(s) for articulation NO COURSE ARTICULATED: College has not
CHEM 2CH	Honors Genl Chemistry	(5)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PHYSICS 9A	Classical Physics	(5)	PHYSIC 220 & Physics for (4) Scientists and Engineers: Mechanics of Solids and Fluids
			PHYSIC 221 & Physics for (4) Scientists and Engineers: Electricity and Magnetism
			PHYSIC 222 Physics for Sci and (4) Engrs: Waves, Heat, Optics and Modern Physics
PHYSICS 9B	Classical Physics	(5)	PHYSIC 220 & Physics for (4) Scientists and Engineers: Mechanics of Solids and Fluids
			PHYSIC 221 & Physics for (4) Scientists and Engineers: Electricity and Magnetism
			PHYSIC 222 Physics for Sci and (4) Engrs: Waves, Heat, Optics and Modern Physics
PHYSICS 9C	Classical Physics	(5)	PHYSIC 220 & Physics for (4) Scientists and Engineers: Mechanics of Solids and Fluids
			PHYSIC 221 & Physics for (4) Scientists and Engineers: Electricity and

| Magnetism | PHYSIC 222 | Physics for Sci and (4) | Engrs: Waves, Heat, Optics and Modern | Physics

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

DESIGN 1	Intro to Design	(4) NO COMPARABLE COURSE	
DESIGN 14	Design Drawing OR	(4) ART 124A Drawing I OR	(3)
DESIGN 21	Drafting and Perspective	(4) NO COMPARABLE COURSE	

			_
DESIGN 15	Form & Color	(4) ART 140 Beginning Design: (3 Two-Dimensional Media)
	AND	AND	
DESIGN 16	Graphics & The Computer	(4) NO COMPARABLE COURSE	
DESIGN 40A	Energy, Materials, Design	(4) NO COMPARABLE COURSE	_
	OR	OR	
DESIGN 40B	Ideologies of Design	(4) NO COMPARABLE COURSE	
	OR	OR	
DESIGN 40C	Design Aesthetics/Exper	r (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation	t

TWO COURSES FROM THE FOLLOWING:

Note: Courses	s listed twice may be used	d on	ly once for major preparation
ART 12 Beg	ginning Video	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
DESIGN 40A	Energy, Materials,	(4)	NO COMPARABLE COURSE
	Design		
DESIGN 40B	Ideologies of Design	(4)	NO COMPARABLE COURSE
DESIGN 40C	Design Aesthetics/Exper	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
DESIGN 50	Intro to 3-D Design	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
DESIGN 70	Intro Textile Structure	(4)	NO 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)	ENGL 103 Critical Reading, (3)
Formerly T	UWRITING 18		Writing and Thinking
	OR		OR
UWRITING 49 N	Writing Research Papers	(4)	ENGL 103 Critical Reading, (3)
Formerly UW	RITING 19		Writing and Thinking
END OF MAJOR			

e) If a student takes ENGL 103 at College of the Canyons, credit will be given for UC Davis's UWP 18 or 19, not both.

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

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

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

ONE COURSE FROM THE FOLLOWING:

ARTHI 1D	Arts of Asia	(4)	NO COMPARABLE COURSE
CHINESE 7	Chinese Business Culture	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
CHINESE 10	Modern Lit (in Engl)	(4)	NO COMPARABLE COURSE
CHINESE 11	Gt Bks China (Engl)	(4)	NO COMPARABLE COURSE
COMPLIT 53A	Lit of East Asia	(4)	NO COMPARABLE COURSE
JPNESE 10	Masterworks in English	(4)	NO COMPARABLE COURSE
JPNESE 25	Language & Culture (in	(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
			1
		OR	OR

END OF MAJOR

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

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

BIOLSCI 2		Intro Biology:Life Earth	e on	(5)			Molecular and Cellular Biology	(4)
					<u>OI</u> BIOSCI 	_	Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2	2B	Intro Biology: Eco & Evolution	logy	(5)	BIOSCI	106	Organismal and Environmental Biology	(4)
BIOLSCI 2		Intro Biology: Biodiversity & the of Life		(5)	BIOSCI	106	Organismal and Environmental Biology	(4)
CHEM 2A	Gen	l Chemistry		(5)	CHEM 20 OR		General Chemistry I	(6)
							General Chemistry I - Honors	(6)
CHEM 2B	Gen	l Chemistry		(5)		_	General Chemistry I General Chemistry II	
PHYSICS 1		Principles Physics Principles Physics OR		` ' !	!		LE COURSE LE COURSE OR	
PHYSICS 7	7A	General Physics			PHYSIC PHYSIC		<u>&</u> General Physics I General Physics II	(4) (4)
PHYSICS 7	7B	General Physics		(4)	PHYSIC	110	<u>&</u> General Physics I General Physics II	(4) (4)
PHYSICS 7	7C	General Physics		(4)	PHYSIC	110	<u>&</u> General Physics I General Physics II	(4) (4)
								. ,

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

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

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PREPARATION FOR GRADUATION:

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

END OF MAJOR

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

Special Advising Note:

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

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

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

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

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

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

We also strongly recommend that Economics applicants also complete coursework

comparable to the following UC Davis course with a C or better grade before matriculating to UC Davis:

-Statistics 13

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

ECON 1A	Princ of Microecon	(4)	ECON	202	Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON	201	Macroeconomics	(3)
 СТЛТТСТ 13	Elementary Statistics	(4)	 Імлтц	140	 Introductory	(4)
	STATIST 13Y	(1)		140	Statistics	(1)
bame ab			(OR		
			: -	140H	Introductory	(4)
			İ		Statistics - Honors	
			(OR		
			PSYC	104	Statistics for the	(3)
					Behavioral Sciences	
	OR				OR	
STATIST 32	Gateway to Data Science	(4)	NO CO	OMPARAB:	LE COURSE	
MATH 16A	Short Calculus	(3)	 MATH	211	 Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH	212	Calculus II	(5)
	OR	•	İ		OR	-
MATH 21A	Calculus	(4)	MATH	211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH	212	Calculus II	(5)

MATH 22A Linear Algebra

END OF MAJOR

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

Special Advising Note:

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

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

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

In addition to completing preparatory courses for the major, students must also meet UC transfer admission requirements by the close of spring term for fall enrollment at UC Davis. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment. See the UC Davis transfer admission website for details. IGETC: Transfer students should place highest priority on completing all requirements for their chosen engineering major. By completing the Intersegmental General Education Transfer Curriculum(IGETC)however, the General Education (GE) requirement at UC Davis will be totally satisfied for all UC Davis GE requirements that may be met with lower-division courses. Completing

IGETC is not required, nor does it improve the likelihood you will be admitted. See additional GE information below.

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

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

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

College Foreign Language Requirement Note:

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

Advanced 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)		NO COURSE ARTICULATED: College has no submitted course(s) for articulation				
		OR				LCCCa	OR	arcicalación	-	
IIIID TEITNO 1	П			(1)	l dintat	1 0 1	~		(2)	
UWRITING 1	Ехро	ository Writin	ng	(4)	ENGL		English Co	mposition	(3)	
					<u> </u>	<u>)R</u>				
					ENGL	101H	Honors - E	nglish	(4)	
							Compositio	n		
					' 					
ENGLISH 10A	T. i i	teratures in 1	Fnalich	(4)	ENGL	250	British Lit	aratura T	(3)	
ENGLISH IOA			Eligitali	(1)	I	230	DIICISH HIC	eracure r	(3)	
		To 1700								
b) ENGLISH 10	0B	Literatures :	in	(4)	ENGL	251	British Lit	erature II	(3)	
		English II:			OF	3				
		1700-1900			ENGL	260	American Li	terature I	(3)	
b) ENGLISH 10	0C	Literatures :	in	(4)	ENGL	251	British Lit	erature II	(3)	
,		English III:	1900	, ,	OF				(-)	
		_	1000		_	_			(2)	
		to Present			ENGL	261	American Li	terature II	(3)	

ONE COURSE FROM THE FOLLOWING:

ENGLISH	40	Intro	Topics	in	Lit	(4)	ENGL	270	Introduction		(3)
									African Ame	erican	
									Literature		
ENGLISH	41	Intro	Topics	Lit	. &	(4)	NO C	OURSE	ARTICULATED:	College	has not
		Media					subm:	itted	course(s)for	articula	ation
ENGLISH	43	Intro	Topics	in	Drama	(4)	NO C	OURSE	ARTICULATED:	College	has not
							subm	itted	course(s)for	articula	ation
ENGLISH	44	Intro	Topics	in	Fiction	(4)	ENGL	264	Study of Fi	iction	(3)
ENGLISH	45	Intro	Topics	in	Poetry	(4)	ENGL	263	Introduction	on to Poe	etry (3)
							:				

END OF MAJOR

b) If a student takes ENGL 251 at College of the Canyons, credit will be given for UC Davis's ENGLISH 10B Or ENGLISH 10C, not both; maximum credit one course at UC Davis.

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

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

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

BIOLSCI 2A Intr	ro Biology:Life on th	(5)	BIOSCI 107 Molecular and (4) Cellular Biology
			OR
			BIOSCI 107H Molecular and (4) Cellular Biology - Honors
	ro Biology: Ecology volution	(5)	Environmental
Biod	ro Biology: diversity & the Tree Life	(5)	Biology BIOSCI 106 Organismal and (4) Environmental Biology
CHEM 2A Genl Ch	nemistry	(5)	CHEM 201 General Chemistry I (6)
			CHEM 201H General Chemistry I - (6) Honors
CHEM 2B Genl Ch	nemistry	(5)	CHEM 201 & General Chemistry I (6) CHEM 202 General Chemistry II (5)
CHEM 8A Organio	c Chem-Brief	(2)	NO COMPARABLE COURSE
	Chem-Brief OR		NO COMPARABLE COURSE OR
CHEM 118A Org (Chem, Hlth & Sci	(4)	CHEM 255 Organic Chemistry I (5)
			CHEM 255 & Organic Chemistry I (5) CHEM 256 Organic Chemistry II (5)
MATH 16A Short	Calculus	(3)) MATH 211 Calculus I (5)
MATH 16B Short	Calculus		MATH 212 Calculus II (5)
MATH 16C Short	Calculus OR		MATH 212 Calculus II (5) OR
MATH 17A Calcul	lus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 17B Calcul	lus for Biosci	(4)	NO COURSE ARTICULATED: College has not
MATH 17C Calcul	lus for BioSci	(1)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not
MAIN 17C CAICU		(4)	submitted course(s) for articulation
MATH 21A Calcul	OR	(1)	OR MATH 211 Calculus I (5)
MATH 21B Calcul		(4)	MATH 211 Calculus I (5)
MATH 21B Calcul) MATH 213 Calculus III (5)
PHYSICS 1B Prin	nciples Physics	(3)	NO COMPARABLE COURSE NO COMPARABLE COURSE
	mentary Statistics) MATH 140 Introductory (4) Statistics
			<u>OR</u>

				MAT		Introductor Statistics	-	(4)
				ĺ	OR			
				PS	7CH 104	Statistics	for the	(3)
						Behavioral	Sciences	
	OR			ĺ		OR		
STATIST 32	Gateway to	Data Science	(4)	NO	COMPARABLE	COURSE		
	OR					OR		
PL SCI 21	Computers	in Technology	(3)	NO	COMPARABLE	COURSE		

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

Special Advising Note:

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

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

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

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

requirements in English and mathematics by the end of fall term prior to enrollment. See the UC Davis <u>transfer admission website</u> for details.

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

END OF MAJOR

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

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

ENVHORT 1 ENVHORT 6	Intro Envhort/Urb For Intro Environ Plants	(3) NO COMPARABLE (4) NO COMPARABLE		
LND ARC 30	History Environ Design	(4) NO COMPARABLE	COURSE	
BIOLSCI 2A	Intro Biology:Life on Earth	(5) BIOSCI 107 OR	Molecular and Cellular Biology	(4)
		BIOSCI 107H	Molecular and Cellular Biology -	(4)

BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)]	Honors Organismal and Environmental Biology	(4)					
PL SCI 2	Bot Physio Cul Plt	(4)	!							
CHEM 2A	Genl Chemistry	(5)	CHEM 201 Ge OR	eneral Chemistry I	(6)					
			CHEM 201H G	eneral Chemistry I -	(6)					
	Genl Chemistry		CHEM 201	neral Chemistry I neral Chemistry II						
	Env Analysis OR									
ENV S&P 10	Current Issues in Environment	(3)	 NO COMPARABLE (COURSE						
ENV S&P	10 not open for credit to OR	stud	ents who have co	ompleted ENV S&P 1 OR						
	Global Ecosystem ENV SC&M 30	(3)	NO COMPARABLE (COURSE						
PHYSICS 1B	Principles Physics Principles Physics	(3)	NO COMPARABLE (COURSE COURSE						
	Computers in Technology									
MATH 16A	Short Calculus OR	(3)	MATH 211 Ca:	lculus I OR	(5)					
	Elementary Statistics STATIST 13Y	(4)	St	ntroductory tatistics	(4)					
				ntroductory tatistics - Honors	(4)					
				tatistics for the ehavioral Sciences	(3)					
Select one lower division resource science course and one lower division social science/humanities course for a minimum of six quarter units in consultation with advisor										
SCI&SOC 18	GIS & Society			CULATED: College has	not					
			!	se(s) for articulatio	on 					
	RECOMMENDED COURSES:									
COMUNCN 1	Intro Public Spkg	(4)	!	undamentals of ublic Speaking	(3)					
		. .	COMS 105H Fi	undamentals in ublic Speaking- onors	(3)					

END OF MAJOR

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

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

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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.

availabl	Le i	from our TAG website.						
COMUNCN	1	Intro Public Spkg	(4)	COMS 105 Fundamentals of (3) Public Speaking OR				
				COMS 105H Fundamentals in (3) Public Speaking- Honors				
COMUNCN	3	OR Intprsnl Com Cmpetnce OR	(4)	OR COMS 246 Interpersonal (3) Communication OR				
DRAMART			(4)	NO COMPARABLE COURSE				
BIOLSCI	2A	Intro Biology:Life on Earth	(5)	BIOSCI 107 Molecular and (4) Cellular Biology OR				
		OR		BIOSCI 107H Molecular and (4) Cellular Biology - Honors OR				
BIOLSCI	10	-	(4)	BIOSCI 100 General Biology (4)				
				BIOSCI 100H General Biology - (4) Honors				
CHEM 2A		Genl Chemistry	(5)	CHEM 201 General Chemistry I (6)				
				CHEM 201H General Chemistry I - (6) Honors				
CHEM 10		OR Concept of Chem	(4)	OR NO COMPARABLE COURSE				
PHYSICS	1A	Principles Physics	(3)	NO COMPARABLE COURSE				
BIOLSCI	2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106 Organismal and (4) Environmental Biology				
CHEM 2B		OR Genl Chemistry	(5)	OR CHEM 201 & General Chemistry I (6)				
CHEN ZD			(3)	CHEM 202 General Chemistry II (5)				
PHYSICS	1B	OR Principles Physics	(3)	OR NO COMPARABLE COURSE				
	ONE COURSE FROM THE FOLLOWING:							

PL SCI 21	Computers in Technology	(3) NO COMPARABLE COURSE
	OR	OR
SCI&SOC 18	GIS & Society	(3) NO COURSE ARTICULATED: College has no

			submitted course(s) for articulation
ECON 1B	Princ of Microecon Princ of Macroecon	(4) (4)	ECON 202 Microeconomics (3) ECON 201 Macroeconomics (3)
		ROM T	THE FOLLOWING:
ATM SCI 60	Domest Ani & People Intro to Atmospheric Science 1 The Earth	(4)	
PL SCI 12 Same as: FORMERLY PL	Plants and Society SCI&SOC 12 ANT BIO 12	(4)	NO COMPARABLE COURSE
	Intro to Conservation Biology	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ENV S&P 1	Env Analysis	(4)	NO COMPARABLE COURSE
MATH 16A MATH 16B	Short Calculus Short Calculus OR	(3)	MATH 211
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 MATH 21B		(4)	MATH 211 Calculus I (5)
MATH 21B	Calculus	(4)	MATH 212 Calculus II (5)
POL SCI 1	Amer Natl Govt	(4)	POLISC 150 Introduction to (3) American Government and Politics
	Elementary Statistics STATIST 13Y	(4)	MATH 140 Introductory (4) Statistics OR
			MATH 140H Introductory (4) Statistics - Honors OR
	OR		PSYCH 104 Statistics for the (3) Behavioral Sciences OR
STATIST 32	Gateway to Data Science	(4)	1
SCI&SOC 25			NGE POLICY AREA: NO COURSE ARTICULATED: College has not submitted course(s) for articulation

END OF MAJOR

 ${\tt f}\,{\tt)}$ If a student takes GEOL 101 at College of the Canyons, 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 <a href="https://doi.org/10.10/10.2016/journal-no.10.2016/journal-no.2016/journa

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

COMUNCN 1 Intro Public Spkg	(4)	Public Speaking	(3)
		<u>OR</u> COMS 105H Fundamentals in	(2)
		I	(3)
		Public Speaking-	
O.D.		Honors	
OR	(1)	OR	(2)
COMUNCN 3 Intprsnl Com Cmpetnce	(4)	-	(3)
0.70		Communication	
OR	(1)	OR	
DRAMART 10 Intro To Acting		NO COMPARABLE COURSE	
BIOLSCI 2A Intro Biology:Life on	(5)	BIOSCI 107 Molecular and	(4)
Earth	(- /	Cellular Biology	(- /
		OR	
		: —	(4)
		Cellular Biology -	(- /
		Honors	
BIOLSCI 2B Intro Biology: Ecology	(5)	I	(4)
& Evolution	(0)	Environmental	(- /
a Hvoración		Biology	
BIOLSCI 2C Intro Biology:	(5)		(4)
Biodiversity & the Tree		Environmental	(1)
of Life		Biology	
OI HITE			
CHEM 2A Genl Chemistry	(5)	CHEM 201 General Chemistry I	(6)
-		OR	
		CHEM 201H General Chemistry I -	(6)
		Honors	
CHEM 2B Genl Chemistry	(5)	CHEM 201 & General Chemistry I	(6)
		CHEM 202 General Chemistry II	(5)
OR		OR	
CHEM 2AH Honors Genl Chemistry	(5)		
		submitted course(s) for articulatio	
CHEM 2BH Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has	
		submitted course(s) for articulatio	n
f) GEOLOGY 1 The Earth	(1)	GEOL 101 Physical Geology	(2)
OR c) GEOLOGY 50 Physical Geology	(3)	CFOI. 101 Physical Geology	(3)
f)	(3)	CEOL IVI	(3)
PHYSICS 1A Principles Physics	(3)	NO COMPARABLE COURSE	
PHYSICS 1B Principles Physics			
OR	(5)	OR	
PHYSICS 7A General Physics	(4)	PHYSIC 110 & General Physics I	(4)
4	. /	PHYSIC 111 General Physics II	(4)
PHYSICS 7B General Physics	(4)	PHYSIC 110 & General Physics I	(4)
	,	PHYSIC 111 General Physics II PHYSIC 110 & General Physics I PHYSIC 111 General Physics II	(4)
PHYSICS 7C General Physics	(4)	PHYSIC 110 & General Physics I	(4)
	/	PHYSIC 111 General Physics II	(4)
It is highly recommended that students	s coi	-	
<u> </u>			

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.

	Princ of Microecon				
				Calculus I	
			!	Calculus II	
MAIH 10B	OR	(3)	MAIH ZIZ	OR	(5)
MADII 177	-	(1)	 NO GOTIDGE	_	
MAIH I/A	Calculus for BioSci	(4)			
MARKE 100		(4)		course(s) for articulati	
MATH I/B	Calculus for Biosci	(4)			
	0.7		submitted	course(s) for articulati	on
01.	OR	(4)		OR	<i>(</i> - <i>)</i>
				Calculus I	
	Calculus			Calculus II	(5)
ENV S&P	1 Env Analysis	(4)	NO COMPAR	ABLE COURSE	
	RECOMMENDED COU	RSES	FOR THIS	 Ma.TOR :	
CHEM 2C	Genl Chemistry OR	(5)	CHEM 202	General Chemistry II OR	(5)
спем эсп	Honors Genl Chemistry	(5)	 NO COUDER	~ 	not
CHEM ZCH	Honors Genr Chemistry			course(s) for articulati	
			!		
	PREPARATION	FOR	GRADUATIO	<u>v</u> :	
STATIST :	13 Elementary Statistics	(4)	MATH 140	Introductory	(4)
Same a	as: STATIST 13Y			Statistics	
			OR		
			MATH 140H	Introductory	(4)
				Statistics - Honors	
			OR		
			PSYCH 104	Statistics for the	(3)
				Behavioral Sciences	
	ECOLOGY, BIODIVERSITY,	AND	CONSERVAT	ION TRACK:	
ATM SCI	60 Intro to Atmospheric	(4)	NO COMPARA	ABLE COURSE	
	Science		İ		
	CLIMATE CHANG	E AN	D AIR QUAL	ITY TRACK:	
дти сст	60 Intro to Atmospheric	(4)	NO COMPAR	ARI.E COURSE	
AIN DCI	Science	(1)	COMPAR	ADDE COORDE	
	WATERSHED	SCI	ENCE TRACK	:	
HYDRO S	10 Water Dower Society	(2)	או מרווםמב	ARTICULATED: College has	no+
	as: SCI&SOC 10	(3)	1	course(s) for articulati	
		121			
GEOTOGI.	35 Rivers	(3)	!	ARTICULATED: College has	
י אחר אחר	60 Iandform Gradina Ghadia	161		course(s) for articulati	011
ARC (60 Landform Grading Studio	(0)	INO COMPARA	ADLE COURSE	

END OF MAJOR

- f) If a student takes GEOL 101 at College of the Canyons, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.
- $_{
 m C})$ This course is not strictly comparable with UC Davis courses but will fulfill the introductory physical geology requirement for the geology major at UC Davis.

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

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is <a href="https://doi.org/10.10/10.2016/journal.org/10.2016/journal.o

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

Transfer Admission Guarantee (TAG) Note:

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

Intergogmental Conoral Education Transfer Curriculum (ICETC) / IC Davis Conoral

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

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

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

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College (CCC).

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

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

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

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSCI 107 Molecular and (4) Cellular Biology
			OR
			BIOSCI 107H Molecular and (4) Cellular Biology -
			Honors
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106 Organismal and (4) Environmental
			Biology
BIOLSCI 2C	Intro Biology:	(5)	BIOSCI 106 Organismal and (4)
	Biodiversity & the Tree		Environmental
	of Life		Biology
CHEM 2A	Genl Chemistry	(5)	CHEM 201 General Chemistry I (6)
			OR .
			CHEM 201H General Chemistry I - (6) Honors
CHEM 2B	Conl Chomiatary	/ E \	1
CHEM ZB	Genl Chemistry	(5)	CHEM 201 & General Chemistry I (6) CHEM 202 General Chemistry II (5)
CITEM OC	Com l Chaminton	/ F \	1
CHEM 2C	Genl Chemistry OR	(5)	CHEM 202 General Chemistry II (5) OR
CITEM ONII	_	/ F \	·
CHEM 2AH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHEM 2BH	Honorg Conl Chomistry	/ E \	
CHEM ZBH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHEM 2CH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not
CHEM ZCH	nonors denr enemisery	(3)	submitted course(s) for articulation
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 255 Organic Chemistry I (5)
CHEM 118B	Org Chem, Hlth & Sci		CHEM 255 & Organic Chemistry I (5)
	0_5 0,	(- /	CHEM 256 Organic Chemistry II (5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 256 Organic Chemistry II (5)
	OR	. ,	OR
CHEM 128A	Organic Chemistry	(3)	CHEM 255 Organic Chemistry I (5)
CHEM 128B	Organic Chemistry		CHEM 255 & Organic Chemistry I (5)
	_		CHEM 256 Organic Chemistry II (5)
CHEM 128C	Organic Chemistry	(3)	CHEM 256 Organic Chemistry II (5)

CHEM 129A	Organic Chem Lab	(2)	CHEM 255	Organic Chemistry I (5)
MATH 17A	Calculus for BioSci	(4)	!	ARTICULATED: College has not course(s) for articulation
MATH 17B	Calculus for Biosci	(4)	NO COURSE	ARTICULATED: College has not course(s) for articulation
MATH 17C	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not course(s) for articulation
	OR		İ	OR
MATH 21A	Calculus	(4)	MATH 211	Calculus I (5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II (5)
MATH 21C	Calculus	(4)	MATH 213	Calculus III (5)
PHYSICS 7A	General Physics	(4)	PHYSIC 11	0 & General Physics I (4)
			PHYSIC 11:	1 General Physics II (4)
PHYSICS 7B	General Physics	(4)	PHYSIC 110	0 & General Physics I (4)
			PHYSIC 113	1 General Physics II (4)
PHYSICS 7C	General Physics	(4)	PHYSIC 110	0 & General Physics I (4)
			PHYSIC 11:	1 General Physics II (4)

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

END OF MAJOR

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

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

It is also strongly recommended that transfer students complete courses

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSCI 107 Molecular and Cellular Biology OR	(4)
			BIOSCI 107H Molecular and Cellular Biology Honors	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106 Organismal and Environmental Biology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSCI 106 Organismal and Environmental Biology	(4)
CHEM 2A	Genl Chemistry	(5)	CHEM 201 General Chemistry OR General Chemistry	
CHEM 2B	Genl Chemistry	(5)	Honors CHEM 201 & General Chemistry I CHEM 202 General Chemistry I	
CHEM 8A	Organic Chem-Brief	(2)	NO COMPADADI E COUDCE	
CHEM 8B	Organic Chem-Brief		NO COMPARABLE COURSE NO COMPARABLE COURSE	
_	_	(4)	!	
CHEM 8B	Organic Chem-Brief Calculus for BioSci Calculus for Biosci	(4) (4)	NO COMPARABLE COURSE NO COURSE ARTICULATED: College submitted course(s) for articul NO COURSE ARTICULATED: College submitted course(s) for articul	ation has not
CHEM 8B MATH 17A	Organic Chem-Brief Calculus for BioSci Calculus for Biosci OR Calculus	(4) (4) (4)	NO COMPARABLE COURSE NO COURSE ARTICULATED: College: submitted course(s) for articul NO COURSE ARTICULATED: College:	ation has not
CHEM 8B MATH 17A MATH 17B MATH 21A MATH 21B	Organic Chem-Brief Calculus for BioSci Calculus for Biosci OR Calculus Calculus Principles Physics	(4) (4) (4) (4) (4) (3)	NO COMPARABLE COURSE NO COURSE ARTICULATED: College: submitted course(s) for articul NO COURSE ARTICULATED: College: submitted course(s) for articul OR MATH 211 Calculus I	ation has not ation (5)
CHEM 8B MATH 17A MATH 17B MATH 21A MATH 21B	Organic Chem-Brief Calculus for BioSci Calculus for Biosci OR Calculus Calculus Principles Physics Principles Physics	(4) (4) (4) (4) (4) (3) (3)	NO COMPARABLE COURSE NO COURSE ARTICULATED: College submitted course(s) for articul NO COURSE ARTICULATED: College submitted course(s) for articul OR MATH 211	ation has not ation (5)
CHEM 8B MATH 17A MATH 17B MATH 21A MATH 21B	Organic Chem-Brief Calculus for BioSci Calculus for Biosci OR Calculus Calculus Principles Physics Principles Physics Principles Physics Calculus RECC	(4) (4) (4) (4) (3) (3)	NO COURSE ARTICULATED: College submitted course(s) for articul NO COURSE ARTICULATED: College submitted course(s) for articul OR MATH 211 Calculus I MATH 212 Calculus II NO COMPARABLE COURSE NO COMPARABLE COURSE NO COURSE ARTICULATED: College submitted course(s) for articul	ation has not ation (5) (5)
CHEM 8B	Organic Chem-Brief Calculus for BioSci Calculus for Biosci OR Calculus Calculus Principles Physics Principles Physics Principles Physics	(4) (4) (4) (4) (3) (3) (3) (4)	NO COMPARABLE COURSE NO COURSE ARTICULATED: College submitted course(s) for articul NO COURSE ARTICULATED: College submitted course(s) for articul OR MATH 211	ation has not ation (5) (5)

END OF MAJOR

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

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

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

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

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

Transfer students must also meet UC transfer admission requirements. UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. See the UC Transfer
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BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSCI 107 Molecular and (4) Cellular Biology
			OR
			BIOSCI 107H Molecular and (4) Cellular Biology - Honors
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106 Organismal and (4) Environmental Biology
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSCI 106 Organismal and (4) Environmental Biology
CHEM 2A	Genl Chemistry	(5)	CHEM 201 General Chemistry I (6)
			CHEM 201H General Chemistry I - (6) Honors
CHEM 2B	Genl Chemistry	(5)	CHEM 201 & General Chemistry I (6)
CHEM 2C	Genl Chemistry	(5)	CHEM 202 General Chemistry II (5) CHEM 202 General Chemistry II (5)
			·
	Organic Chem-Brief	. ,	NO COMPARABLE COURSE
CHEM 8B	Organic Chem-Brief OR	(4)	NO COMPARABLE COURSE OR
CHEM 118A	Org Chem, Hlth & Sci	(1)	CHEM 255 Organic Chemistry I (5)
CHEM 118B	Org Chem, Hlth & Sci		CHEM 255 & Organic Chemistry I (5)
	0-5 00, 00	(- /	CHEM 256 Organic Chemistry II (5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 256 Organic Chemistry II (5)
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not
MARII 17D	Calaulus fan Diassi	(1)	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
111111 170	04104142 101 210201	(- /	submitted course(s) for articulation
	OR		OR
MATH 21A	Calculus		MATH 211 Calculus I (5)
MATH 21B	Calculus	(4)	MATH 212 Calculus II (5)
PHYSICS 7A	General Physics	(4)	PHYSIC 110 & General Physics I (4)
DIIVOTOG 75	Conomal Dharaina	(1)	PHYSIC 111 General Physics II (4)
PHYSICS 7B	General Physics	(4)	PHYSIC 110 & General Physics I (4) PHYSIC 111 General Physics II (4)
PHYSICS 7C	General Physics	(4)	PHYSIC 111 General Physics I (4) PHYSIC 110 & General Physics I (4)
		· -/	PHYSIC 111 General Physics II (4)
Tr. 1 1.1 1.1			mnlete an entire physics series at

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

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 201	General Chemistry I (6)
			OR	
			CHEM 201H	General Chemistry I - (6)
				Honors

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 2	_		Chemistry Chemistry		(6) (5)
CHEM 2C	Genl	Chemistry	(5)	CHEM 2	02	General	Chemistry	II	(5)
B) ENG CS : ENG CS 36A Formerly	Prog	Intro to Computers OR gramming CS 30	(4)	NO COM CMPSCI 		Comput			(3)
				OR CMPSCI	•	C Prog	gramming		(3)

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

MATH 16A	Short Calculus	(3) MAT	H 211	Calculus I		(5)
MATH 16B	Short Calculus	(3) MAT	H 212	Calculus II	I	(5)
MATH 16C	Short Calculus	(3) MATI	H 212	Calculus II	I	(5)
	OR			OR		
MATH 21A	Calculus	(4) MAT	H 211	Calculus I		(5)
MATH 21B	Calculus	(4) MAT	H 212	Calculus II	I	(5)
MATH 21C	Calculus	(4) MAT	H 213	Calculus II	II	(5)
PHYSICS 7A	General Physics	(4) PHY:	SIC 110	& General H	Physics I	(4)
		PHY	SIC 111	General I	Physics II	(4)
PHYSICS 7B	General Physics	(4) PHY	SIC 110	& General H	Physics I	(4)
		PHY	SIC 111	General I	Physics II	(4)
PHYSICS 7C	General Physics	(4) PHY:	SIC 110	& General E	Physics I	(4)
		PHY	SIC 111	General I	Physics II	(4)

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

		OR						OR		
PHYSICS	9A	Classical	Physics	(5)	PHYSIC	220	<u>&</u>	Physics	for	(4)
								Scientis	ts and	

			 PHYSIC 221 <u>&</u> 	Engineers: Mechanics of Solids and Fluids Physics for Scientists and Engineers: Electricity and	(4)
			 PHYSIC 222 	Magnetism Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9B	Classical Physics	(5)	PHYSIC 220 & 		(4)
			 PHYSIC 221 <u>&</u> 	Physics for Scientists and Engineers: Electricity and	(4)
			 PHYSIC 222 	Magnetism Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9C	Classical Physics	(5)	PHYSIC 220 &		(4)
			 PHYSIC 221 <u>&</u> 	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			 PHYSIC 222 	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
	Elementary Statistics STATIST 13Y	(4)	MATH 140 OR	Introductory Statistics	(4)
			MATH 140H	Introductory Statistics - Honors	(4)
			<u>OR</u> PSYCH 104 	Statistics for the Behavioral Sciences	(3)
TEX&CL 6	Intro Textiles	(4)	NO COMPARABL	E COURSE	
TEX&CL 8	Textile Apparel Ind OR	(4)	NO COMPARABL	E COURSE OR	
ENGIN 45	Prop of Mats	(4)	ENGR 151 <u>&</u> ENGR 151L 	Materials of Engineering Materials of Engineering Lab	(3)

CHEM CHEM	-	Organic Chemistry Organic Chemistry	(3)	CHEM CHEM CHEM	255 256	<u>&</u>	Organic Chemistry I Organic Chemistry I Organic Chemistry II	(5) (5) (5)
CHEM		Organic Chemistry		CHEM			Organic Chemistry II	(5)
CHEM	129A	Organic Chem Lab	, ,	CHEM			Organic Chemistry I	(5)
CHEM	129B	Organic Chem Lab	(2)	CHEM	255	&	Organic Chemistry I	(5)
				CHEM	256	_	Organic Chemistry II	(5)
ECON ECON		ELECT: Princ of Microecon Princ of Macroecon	(4)		202		Microeconomics Macroeconomics	(3)
MATH	22A	Linear Algebra	(3)	MATH	214		Linear Algebra	(3)
		Differntl Equations					_	
PL SC	CI 21	Computers in Technology	(3)	NO CO	OMPAI	RAB:	LE COURSE	
END C	END OF MAJOR							

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

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

COMUNCN 1	Intro Public Spkg	(4)		105 DR	Fundamentals of Public Speaking	(3)
			! -	105н	Fundamentals in Public Speaking- Honors	(3)
MATH 16A MATH 16B MATH 16C	Short Calculus Short Calculus Short Calculus	(3)	MATH		Calculus I Calculus II Calculus II	(5) (5) (5)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	 BIOS(CI 107	Molecular and Cellular Biology	(4)
			BIOSO	107H	Molecular and Cellular Biology - Honors	(4)
CHEM 2A	Genl Chemistry	(5)	 CHEM	201	General Chemistry I	(6)

			<u>OR</u> СНЕМ 201Н	General Chemistry I -	(6)
CHEM 2B	Genl Chemistry	(5)	 CHEM 201 <u>&</u>	Honors General Chemistry I	(6)
CHEM 2C	Genl Chemistry	(5)	CHEM 202 CHEM 202	General Chemistry II General Chemistry II	(5) (5)
CHEM 8A	Organic Chem-Brief AND	(2)	NO COMPARABI	LE COURSE AND	
CHEM 8B	Organic Chem-Brief OR	(4)	 NO COMPARAB] 		
CHEM 118A	Org Chem, Hlth & Sci AND	(4)	 CHEM 255 	Organic Chemistry I AND	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 255 & CHEM 256	Organic Chemistry I Organic Chemistry II	(5) (5)
CHEM 128A	OR Organic Chemistry	(2)	 CHEM 255	OR	/ E \
CHEM 120A	AND	(3)	CHEM 255	Organic Chemistry I AND	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 255 &	Organic Chemistry I	(5)
			CHEM 256	Organic Chemistry II	(5)
CITEM 100A	AND Organic Chem Lab	(2)	 	AND	/ E \
CHEM 129A		(Z) 	CHEM 255 	Organic Chemistry I	(5)
PHYSICS 7A	General Physics	(4)	PHYSIC 110 PHYSIC 111	General Physics I General Physics II	(4) (4)
PHYSICS 7B	General Physics	(4)	•	& General Physics I	(4)
PHYSICS 7C	General Physics	(4)	PHYSIC 111 PHYSIC 110 PHYSIC 111	General Physics II General Physics I General Physics II	(4) (4) (4)
		S COL	mplete an en	tire physics series at	
series befo	nity college that is equivare transferring. Students where the required to take additionally will need to meet with a UC	alent who t onal	t to the ent: transfer with physics cou	ire UC Davis Physics 7A hout completing an enti rses upon arrival at UC	re
series befo series may Davis, and	nity college that is equivare transferring. Students when the required to take addition	alent who tonal C Dav	t to the ent transfer with physics cou vis advisor l	ire UC Davis Physics 7A hout completing an enti rses upon arrival at UC before continuing with	re
series before series may Davis, and physics	nity college that is equivare transferring. Students when the required to take additionally need to meet with a UC	alent who tonal C Dav	t to the entitransfer with physics countries advisor leader with the comparable with t	ire UC Davis Physics 7A hout completing an enti rses upon arrival at UC before continuing with	re
series before series may Davis, and physics	nity college that is equivare transferring. Students where the sequired to take additional need to meet with a UC and the sequire for the sequ	alent who tonal C Dav	t to the entitransfer with physics countries advisor length of the comparable with the	ire UC Davis Physics 7A hout completing an enti rses upon arrival at UC before continuing with LE COURSE Introductory Statistics	 (4)
series before series may Davis, and physics	nity college that is equivare transferring. Students where the sequired to take additional need to meet with a UC and the sequire for the sequ	alent who tonal C Dav	t to the entitransfer with physics courselves advisor leads of the comparable with the	ire UC Davis Physics 7A hout completing an enti rses upon arrival at UC before continuing with LE COURSE Introductory Statistics Introductory	 (4)
series before series may Davis, and physics	nity college that is equivare transferring. Students where the sequired to take additional need to meet with a UC and the sequire for the sequ	alent who t onal C Dav (3) (4)	t to the entitransfer with physics countries advisor level in the countries of the countrie	ire UC Davis Physics 7A hout completing an enti rses upon arrival at UC before continuing with LE COURSE Introductory Statistics Introductory Statistics - Honors Statistics for the Behavioral Sciences	 (4)
series before series may Davis, and physics	nity college that is equivare transferring. Students we be required to take additionally used to meet with a UC Intro Food Preservation Elementary Statistics STATIST 13Y	alentwho tonal C Dav (3) (4)	to the entitransfer with physics courselves advisor level in the course of the course	ire UC Davis Physics 7A hout completing an enti rses upon arrival at UC before continuing with LE COURSE Introductory Statistics Introductory Statistics - Honors Statistics for the Behavioral Sciences Nutrition	(4) (3) (3)
series before series may Davis, and physics	nity college that is equivare transferring. Students we be required to take additionally will need to meet with a UC Intro Food Preservation Elementary Statistics STATIST 13Y Discoveries and Concepts DED FOR STUDENTS INTENDING TORS Chem, Hlth & Scions	alentwho tonal C Dav (3) (4)	t to the entitransfer with physics courselves advisor leads to the entitransfer with physics courselves advisor leads to the entitre physics of the entitre physics of the entitre physics of the entitre physics of the entitre physics of the entitre physics of the entitre physics of the entitre physics of the entitre physics of the entitre physics of the entitre physics of the entitle physics of the entitre physics of the entitle phys	ire UC Davis Physics 7A hout completing an enti rses upon arrival at UC before continuing with LE COURSE Introductory Statistics Introductory Statistics - Honors Statistics for the Behavioral Sciences Nutrition TE OR PROFESSIONAL STUD Organic Chemistry II OR	(4) (3) (3) (3) (5)
series before series may Davis, and physics	nity college that is equivare transferring. Students we be required to take additionally used to meet with a UC Intro Food Preservation Elementary Statistics STATIST 13Y Discoveries and Concepts Org Chem, Hlth & Sci	alentwho tonal C Dav (3) (4)	t to the entitransfer with physics courselves advisor leads to the entitransfer with physics courselves advisor leads to the entitre physics of the entitre physics of the entitre physics of the entitre physics of the entitre physics of the entitre physics of the entitre physics of the entitre physics of the entitre physics of the entitre physics of the entitre physics of the entitle physics of the entitre physics of the entitle phys	ire UC Davis Physics 7A hout completing an enti rses upon arrival at UC before continuing with LE COURSE Introductory Statistics Introductory Statistics - Honors Statistics for the Behavioral Sciences Nutrition TE OR PROFESSIONAL STUD Organic Chemistry II OR	(4) (3) (3) (3) (5)
series before series may Davis, and physics	nity college that is equivare transferring. Students we be required to take additionally will need to meet with a UC Intro Food Preservation Elementary Statistics STATIST 13Y Discoveries and Concepts OR Organic Chemistry AND	alentwho tonal C Day (3) (4)	to the entitransfer with physics cours advisor land wis advisor land land land land land land land land	ire UC Davis Physics 7A hout completing an enti rses upon arrival at UC before continuing with LE COURSE Introductory Statistics Introductory Statistics - Honors Statistics for the Behavioral Sciences Nutrition TE OR PROFESSIONAL STUD Organic Chemistry II OR Organic Chemistry II	(4) (3) (3) (3) (5) (5)
series before series may Davis, and physics	nity college that is equivare transferring. Students we be required to take additionally will need to meet with a University of the second of	alent who t onal C Day (3) (4) TO PT (4) (2)	to the entitransfer with physics countries advisor levis a	ire UC Davis Physics 7A hout completing an enti rses upon arrival at UC before continuing with LE COURSE Introductory Statistics Introductory Statistics - Honors Statistics for the Behavioral Sciences Nutrition TE OR PROFESSIONAL STUD Organic Chemistry II AND Organic Chemistry II CORGANIC Chemistry II AND Organic Chemistry II Organic Chemistry II AND	(3) (3) (3) (5) (5) (5)
series before series may Davis, and physics	nity college that is equivare transferring. Students we be required to take additionally will need to meet with a UC Intro Food Preservation Elementary Statistics STATIST 13Y Discoveries and Concepts Org Chem, Hlth & Sci OR Organic Chemistry AND Organic Chem Lab	alent who t onal C Day (3) (4) TO PT (4) (2)	to the entitransfer with physics countries advisor levis a	ire UC Davis Physics 7A hout completing an enti rses upon arrival at UC before continuing with LE COURSE Introductory Statistics Introductory Statistics - Honors Statistics for the Behavioral Sciences Nutrition TE OR PROFESSIONAL STUD Organic Chemistry II AND Organic Chemistry II CORGANIC Chemistry II AND Organic Chemistry II Organic Chemistry II AND	(3) (3) (3) (5) (5) (5)

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

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

Transfer Admission Guarantee (TAG) Note:

Education(GE) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

FRENCH 1 Elementary French (5) FRNCH 101 Elementary French I (4)
FRENCH 2 Elementary French (5) FRNCH 101 Elementary French I (4)
FRENCH 3 Elementary French (5) FRNCH 102 Elementary French II (4)
FRENCH 21 Intermed French (5) FRNCH 201 Intermediate French I (4)
FRENCH 22 Intermed French (5) FRNCH 202 Intermediate French (4)
FRENCH 23 Intermed French (5) NO COMPARABLE COURSE

Please Note: Based on our experience, and in order to insure that students are well-prepared for second year and upper-division courses, students who plan to enroll in FRENCH 21 or a higher course must first consult with one of the French Department's Lower-

Division Language Coordinators. It is also strongly recommended that all transfer students take the French Placement Test when transferring to UC Davis.

END OF MAJOR

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

MOM	STD	50	Intro Gender Studies	(4)	NO (COURSE	ARTICULATED:	College	has	not
					subi	mitted	course(s) for	r articul	Latio	n
MOM	STD	60	Feminist Critiques				ARTICULATED:			
					subi	mitted	course(s) for	r articul	∟atic	n
MOM	STD	70	Sexual:Thry&Hist	(4)	NO (COURSE	ARTICULATED:	College	has	not

TWO COURSES FROM THE FOLLOWING:

AF-AMST 10 Af-Am Culture &	Soc (4)	NO COMPARABLE COURSE
AF-AMST 17 Women in Africa		NO COMPARABLE COURSE
AMR STD 21 Objects & Everyo	day Life (4)	NO COURSE ARTICULATED: College has not
		submitted course(s) for articulation
AMR STD 30 Amr Images Pop (NO COMPARABLE COURSE
ANTHRO 2 Cultural Anthropolo	ogy (5)	ANTHRO 103 Cultural (3)
		Anthropology
ANTHRO 20 Comparative Cultu		NO COMPARABLE COURSE
ANTHRO 30 Sexualities	(4)	NO COURSE ARTICULATED: College has not
		submitted course(s)for articulation
A A STD 1 Hist Exp Asian Ar	, ,	NO COMPARABLE COURSE
A A STD 2 Contemp Issues of	i Asian (4)	NO COMPARABLE COURSE
Americans	L-J (1)	NO COMPARADI E COURCE
CHICANO 10 Intro to Chic St CHICANO 21 Hlth Care Issues	/	NO COMPARABLE COURSE
		NO COMPARABLE COURSE
CHICANO 50 Chicano Culture COMPLIT 12 Intro Women Writ	, ,	NO COMPARABLE COURSE NO COMPARABLE COURSE
		NO COMPARABLE COURSE
Culture	ance and (4)	NO COMPARABLE COURSE
ENGLISH 3 Intro to Lit	(4)	NO COURSE ARTICULATED: College has not
		submitted course(s)for articulation
HISTORY 72A Am Women & Geno	der (4)	NO COMPARABLE COURSE
HISTORY 72B Am Women & Geno	der (4)	NO COMPARABLE COURSE
HISTORY 85 Nat, Man&Mach/Ame	er (4)	NO COMPARABLE COURSE
N A STD 10 NA Experience	(4)	NO COMPARABLE COURSE
N A STD 32 NA Music & Dance	e (4)	NO COMPARABLE COURSE
POL SCI 7 Law & Politics	(4)	NO COMPARABLE COURSE
PSYCH 1 General Psychology	(4)	PSYCH 101 Introduction to (3)
		Psychology
		OR
		PSYCH 101H Introduction to (3)
		Psychology - Honors
SCI&TEC 1 Intro Sci & Tech	Std (4)	NO COMPARABLE COURSE
SCI&TEC 2 Intro History of S	Science (4)	
SCI&TEC 20 Sci & Tec Std Me	ethods (4)	NO COMPARABLE COURSE
SCI&TEC 32 Drugs, Science a	and (4)	NO COURSE ARTICULATED: College has not
Culture		submitted course(s) for articulation
Same as: ANTHRO 32		
SOCIOL 2 Self and Society		NO COMPARABLE COURSE
SOCIOL 3 Social Problems		SOCI 207 Social Problems (3)
SOCIOL 11 Sociology of Laboration	or and (4)	NO COURSE ARTICULATED: College has not
Employment		submitted course(s) for articulation
SOCIOL 30A Multicultural So	ocieties (3)	NO COURSE ARTICULATED: College has not
		submitted course(s) for articulation
SOCIOL 30B Multicultural So	ocieties (3)	NO COURSE ARTICULATED: College has not
		submitted course(s) for articulation
TEX&CL 7 Style & Cult Std		NO COMPARABLE COURSE
UWRITING 49 Writing Research I	Papers (4)	ENGL 103 Critical Reading, (3)
Formerly UWRITING 19		Writing and Thinking
WOM STD 20 Cult Repr of Gno	ar (4)	NO COURSE ARTICULATED: College has not
FND OF MA.TOR		submitted course(s) for articulation

END OF MAJOR

 $[\]rm e)$ If a student takes ENGL 103 at College of the Canyons, credit will be given for UC Davis's UWP 18 or 19, not both.

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

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

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

BIOLS	CI 2A	Intro Biology:Life on Earth	(5)	BIOSCI 107 Molecular and (4) Cellular Biology
				<u>OR</u>
				BIOSCI 107H Molecular and (4)
				Cellular Biology -
RTOT.S	CI 2B	Intro Biology: Ecology	(5)	Honors BIOSCI 106 Organismal and (4)
ртопр	CI ZD	& Evolution	(3)	Environmental
		a 2001401011		Biology
BIOLS	CI 2C	Intro Biology:	(5)	BIOSCI 106 Organismal and (4)
		Biodiversity & the Tree		Environmental
		of Life		Biology
CHEM	27	Genl Chemistry	(5)	CHEM 201 General Chemistry I (6)
CIIEII	ZA	Genra enemiatry	(3)	OR
				CHEM 201H General Chemistry I - (6)
				Honors
CHEM	2B	Genl Chemistry	(5)	CHEM 201 & General Chemistry I (6)
				CHEM 202 General Chemistry II (5)
CHEM	2C	Genl Chemistry	(5)	CHEM 202 General Chemistry II (5)
CHEM	271	OR Honors Genl Chemistry	/ E \	OR NO COURSE ARTICULATED: College has not
Спем	ZAN	Hollors Gelli Chemistry	(5)	submitted course(s) for articulation
CHEM	2BH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not
			(-)	submitted course(s) for articulation
CHEM	2CH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not
				submitted course(s) for articulation
CHEM	Q 7\	Organic Chem-Brief	(2)	NO COMPARABLE COURSE
CHEM	-	Organic Chem-Brief		NO COMPARABLE COURSE
CIILII	02	OR	(- /	OR
CHEM	118A	Org Chem, Hlth & Sci	(4)	CHEM 255 Organic Chemistry I (5)
CHEM	118B	Org Chem, Hlth & Sci		CHEM 255 & Organic Chemistry I (5)
				CHEM 256 Organic Chemistry II (5)
CHEM	118C	Org Chem, Hlth & Sci	(4)	CHEM 256 Organic Chemistry II (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
		OR		submitted course(s) for articulation OR
MATH	21A	Calculus	(4)	OR MATH 211 Calculus I (5)
		55154145	\ _ /	1 211 00100100 1 (3)

MATH 21B	Calculus	(4)	MATH 21	12	Ca	alculus	II 		(5)
PHYSICS 7A	General Physics	(4)	PHYSIC	110	&	General	Physics	I	(4)
			PHYSIC	111		General	Physics	II	(4)
PHYSICS 7B	General Physics	(4)	PHYSIC	110	<u>&</u>	General	Physics	I	(4)
			PHYSIC	111		General	Physics	II	(4)
PHYSICS 7C	General Physics	(4)	PHYSIC	110	&	General	Physics	I	(4)
			PHYSIC	111	_	General	Physics	II	(4)

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

RECOMMENDED:

MATH 21C Calculus (4) | MATH 213 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 highly recommended that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

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

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

College Foreign Language Requirement Note:

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

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

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

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

ry of Life	(3)	GEOL	102	Historio	cal Geology	(4)
of Life Lab	(1)	NO CC	MPARAI	BLE COURSI	<u>C</u>	
ical Geology	(3)	GEOL	101	Physical	L Geology	(3)
		j		_		
al Geol Lab	(2)	GEOL	100	Physical	L Geology	(1)
		İ		Laborato	ory	
aterials:Intro	(4)	NO CC	MPARAI	BLE COURSI	Ξ	
culus	(3)	 матн	211	Calculus	 3 T	(5)
		!				(5)
	(5)					(5)
	(4)	MATH	211	Calculus	s I	(5)
						(5)
stry	(5)	CHEM	201	General	L Chemistry	I (6)
		j c	R			
		CHEM	201H	General	L Chemistry	I - (6)
		j		Honors		
stry	(5)	CHEM	201 <u>&</u>	General	Chemistry I	(6)
		CHEM	202	General	Chemistry I	(5)
	(1)			•		(4)
PHYSICS	(4)	:		_		
Dl	(1)					
PHYSICS	(4)			_		
dad +6a+ a+dam+					_	
	of Life Lab ical Geology al Geol Lab aterials:Intro culus culus stry stry Physics Physics	of Life Lab (1) ical Geology (3) al Geol Lab (2) aterials:Intro (4)	of Life Lab (1) NO CO ical Geology (3) GEOL al Geol Lab (2) GEOL aterials:Intro (4) NO CO culus (3) MATH culus (3) MATH (4) MATH (4) MATH (4) MATH Stry (5) CHEM CHEM Stry (5) CHEM Physics (4) PHYSI PHYSI PHYSI PHYSI	of Life Lab (1) NO COMPARANCE (2) GEOL 101 al Geol Lab (2) GEOL 100 aterials:Intro (4) NO COMPARANCE (2) GEOL 100 aterials:Intro (4) NO COMPARANCE (2) GEOL 100 aterials:Intro (4) NO COMPARANCE (2) GEOL 100 ATERIAL (3) MATH 211 (4) MATH 211 (4) MATH 212 (4) MATH 212 Stry (5) CHEM 201 OR CHEM 201H Stry (5) CHEM 201 & CHEM 202 Physics (4) PHYSIC 110 PHYSIC 111 Physics (4) PHYSIC 110 PHYSIC 111	of Life Lab ical Geology (3) GEOL 101 Physical laborate al Geol Lab (2) GEOL 100 Physical Laborate aterials:Intro (4) NO COMPARABLE COURSE culus (3) MATH 211 Calculus culus (3) MATH 212 Calculus	of Life Lab ical Geology (3) GEOL 101 Physical Geology al Geol Lab (2) GEOL 100 Physical Geology Laboratory aterials:Intro (4) NO COMPARABLE COURSE culus (3) MATH 211 Calculus I culus (3) MATH 212 Calculus II OR (4) MATH 211 Calculus I (4) MATH 212 Calculus II Stry (5) CHEM 201 General Chemistry OR CHEM 201H General Chemistry Honors stry (5) CHEM 201 & General Chemistry CHEM 202 General Chemistry I CHEM 202 General Physics I Physics (4) PHYSIC 110 & General Physics I General Physics I

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STATIST 13 Same as:	Elementary S STATIST 13Y	Statistics (4	MATH 140	Introductory Statistics	(4)
			OR		
			MATH 140H	Introductory	(4)
				Statistics - Honors	
			OR		
			PSYCH 104	Statistics for the	(3)
				Behavioral Sciences	
	OR		j	OR	
STATIST 32	Gateway to Dat	a Science (4)	NO COMPARABL	E COURSE	

END OF MAJOR

- h) This course is not strictly comparable with UC Davis courses but will fulfill the history of life requirement for the geology major at UC Davis.
- $_{\rm C})$ This course is not strictly comparable with UC Davis courses but will fulfill the introductory physical geology requirement for the geology major at UC Davis.

f) If a student takes GEOL 101 at College of the Canyons, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.

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

Special Advising Note:

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h) GEOLOGY 3 History of Life (3) GEOL 102 Historical Geology (4)
GEOLOGY 3L History of Life Lab (1) NO COMPARABLE COURSE
c) GEOLOGY 50 Physical Geology (3) GEOL 101 Physical Geology (3)
f)
GEOLOGY 50L Physical Geol Lab (2) GEOL 100 Physical Geology (1)
Laboratory
GEOLOGY 60 Earth Materials:Intro (4) NO COMPARABLE COURSE
GEOLOGY 62 Optical Mineralogy (2) NO COURSE ARTICULATED: College has not submitted course(s) for articulation

MATH 21A Calculus (4) MATH 211 Calculus I (5)
MATH 21B Calculus (4) MATH 212 Calculus II (5)
MATH 21C Calculus (4) MATH 213 Calculus III (5)
CHEM 2A Genl Chemistry (5) CHEM 201 General Chemistry I (6)

				OF	R		
			CH	M 2	201H	H	General Chemistry I - (6)
							Honors
CHEM 2B	Genl	Chemistry	(5) CH	M 2	201	<u>&</u>	General Chemistry I (6)
			CH	M 2	202		General Chemistry II (5)

SELECT ONE OF THE FOLLOWING THREE OPTIONS:

GENERAL GEOLOGY OPTION:

CHEM 2C		Genl Chemis	stry	(5)	CHEM 2	02	Ge	eneral Ch	hemistry	II	(5)
STATIST	32	Gateway to	o Data Scier	nce (4)	NO COM	PARAI	BLE	COURSE			
PHYSICS	7A	General	Physics	(4)	PHYSIC	110	&	General	Physics	I	(4)
					PHYSIC	111	_	General	Physics	II	(4)
PHYSICS	7в	General	Physics	(4)	PHYSIC	110	&	General	Physics	I	(4)
					PHYSIC	111	_	General	Physics	II	(4)
PHYSICS	7C	General	Physics	(4)	PHYSIC	110	&	General	Physics	I	(4)
					PHYSIC	111		General	Physics	II	(4)

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physics.	0.70			I			270	
PHYSICS 9A	OR Classical	Physics	(5)	 PHYSIC	220	<u>&</u>	OR Physics for	(4)
							Scientists and	
							Engineers: Mechanics of Solids and	
				 			Fluids	
				PHYSIC	221	&	Physics for	(4)
						_	Scientists and	
				l I			Engineers:	
							Electricity and Magnetism	
				PHYSIC	222		Physics for Sci and	(4)
							Engrs: Waves, Heat,	
							Optics and Modern	
PHYSICS 9B	Classical	Physics	(5)	 PHYSIC	220	۶	Physics Physics for	(4)
11110100 70	CIGDDICGI	111,5105	(3)		220	Ξ	Scientists and	(- /
							Engineers: Mechanics	
				l I			of Solids and	
				 PHYSIC	221	۶	Fluids Physics for	(4)
						=	Scientists and	(- /
				İ			Engineers:	
							Electricity and	
				 PHYSIC	222		Magnetism Physics for Sci and	(4)
							Engrs: Waves, Heat,	(- /
							Optics and Modern	
DIMATAA 0A	Q1	Dhara' aa	/ F \		220	•	Physics	(1)
PHYSICS 9C	Classical	PHYSICS	(5)	PHYSIC	220	<u>&</u>	Physics for Scientists and	(4)
							Engineers: Mechanics	
							of Solids and	
					221	,	Fluids Physics for	(4)
				Luisic	Z Z I	<u>«</u>	Scientists and	(+)
							Engineers:	
							Electricity and	
							Magnetism	

PHYSIC 222	Physics for Sci and	(4)
	Engrs: Waves, Heat,	
	Optics and Modern	
	Physics	

Optics and Modern

Physics (5) PHYSIC 220 $\underline{\mathbf{\epsilon}}$ Physics for (4)

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

GEOCHEMISTRY/PETROLOGY OPTION:

CHEM 2C	Genl Chemistry	(5)	CHEM 202	Ge	eneral Chemistry II	(5)
STATIST 32	Gateway to Data Science	(4)	NO COMPAR	RABLE	COURSE	
MATH 21D	Vector Analysis	(4)	MATH 213	Ca	alculus III	(5)
PHYSICS 9A	Classical Physics	(5)	PHYSIC 22	20 <u>&</u>		(4)
			ļ		Scientists and	
			ļ		Engineers: Mechanics	
					of Solids and	
				01 -	Fluids	(4)
			PHYSIC 22	21 <u>&</u>	Physics for	(4)
					Scientists and	
					Engineers:	
					Electricity and	
			 PHYSIC 22	2.2	Magnetism Physics for Sci and	(1)
			PRISIC 22	4 4	Engrs: Waves, Heat,	(4)
					Optics and Modern	
			i		Physics	
PHYSICS 9B	Classical Physics	(5)	PHYSIC 22	20 &	Physics for	(4)
	7	(-)	İ	_	Scientists and	, ,
			j		Engineers: Mechanics	
			İ		of Solids and	
			İ		Fluids	
			PHYSIC 22	21 <u>&</u>	Physics for	(4)
					Scientists and	
			ļ		Engineers:	
			ļ		Electricity and	
					Magnetism	
			PHYSIC 22	22	Physics for Sci and	(4)
					Engrs: Waves, Heat,	
					Optics and Modern Physics	
	QUANTITATIVE,	/GEOPI	HYSICS OPT	TION:		
MATH 21D	Vector Analysis	(4)	MATH 213	Ca	alculus III	(5)
	Linear Algebra				inear Algebra	(3)
PHYSICS 9A	Classical Physics	(5)	PHYSIC 22		Physics for	(4)
			ļ		Scientists and	
			ļ		Engineers: Mechanics	
			ļ		of Solids and	
				01 -	Fluids	(4)
			PHYSIC 22	21 <u>&</u>	Physics for	(4)
					Scientists and Engineers:	
			 		Electricity and	
			! 		Magnetism	
			 PHYSIC 22	22	Physics for Sci and	(4)
					Engrs: Waves, Heat,	\ -/
					Onting and Madama	

PHYSICS 9B Classical Physics

					 PHYSIC 	221 <u>s</u>	<u>×</u>	Scientists and Engineers: Mechanics of Solids and Fluids Physics for Scientists and Engineers: Electricity and Magnetism	(4)
					PHYSIC	222		Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS	9C	Classical	Physics	(5)	PHYSIC 	220 <u>8</u>	<u>k</u>	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
					PHYSIC	221 <u>8</u>	<u> </u>	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
					PHYSIC	222		Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)

END OF MAJOR

- h) This course is not strictly comparable with UC Davis courses but will fulfill the history of life requirement for the geology major at UC Davis.
- c) This course is not strictly comparable with UC Davis courses but will fulfill the introductory physical geology requirement for the geology major at UC Davis.
- f) If a student takes GEOL 101 at College of the Canyons, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.

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

Special Advising Note:

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

Transfer Admission Guarantee (TAG) Note:

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

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

College Foreign Language Requirement Note:

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

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

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

GERMAN 1	Elementary German	(5) GERMAN 101 Elementary German I (4)
GERMAN 2	Elementary German	(5) GERMAN 101 & Elementary German I (4)
		GERMAN 102 Elementary German II (4)
GERMAN 3	Elementary German	(5) GERMAN 102 Elementary German II (4)
GERMAN 20	Intermediate German	(4) NO COURSE ARTICULATED: College has not
		submitted course(s)for articulation
GERMAN 21	Intermediate German	(4) NO COURSE ARTICULATED: College has not
		submitted course(s)for articulation
GERMAN 22	Intermediate German	(4) NO COMPARABLE COURSE

END OF MAJOR

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

Special Advising Note:

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

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

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

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

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

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

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

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

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

Advanced Discount (3D) and Tabourational Description (TD) Translation Webs.

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

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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)	Cellular Biology
			OR BIOSCI 107H Molecular and (4) Cellular Biology -
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	Honors BIOSCI 106 Organismal and (4) Environmental Biology
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life		BIOSCI 106 Organismal and (4) Environmental Biology
CHEM 2A	Genl Chemistry	(5)	CHEM 201 General Chemistry I (6) OR CHEM 201H General Chemistry I - (6)
CHEM 2B	Conl Chomiature	/ E \	Honors
CHEM 2B	Genl Chemistry	(5)	CHEM 201 & General Chemistry I (6) CHEM 202 General Chemistry II (5)
CHEM 2C	Genl Chemistry	(5)	CHEM 202 General Chemistry II (5)
CHEM 8A CHEM 8B	Organic Chem-Brief Organic Chem-Brief OR		NO COMPARABLE COURSE NO COMPARABLE COURSE OR
CHEM 118A	Org Chem, Hlth & Sci		CHEM 255 Organic Chemistry I (5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 255 & Organic Chemistry I (5) CHEM 256 Organic Chemistry II (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
MATH 17C	Calculus for BioSci	(4)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PHYSICS 7A	General Physics	(4)	PHYSIC 110 & General Physics I (4)
PHYSICS 7B	General Physics	(4)	PHYSIC 111 General Physics II (4) PHYSIC 110 & General Physics I (4)
their commu series befo series may	nity college that is equivare re transferring. Students to be required to take addition	alen who onal	PHYSIC 111 General Physics II (4) mplete an entire physics series at t to the entire UC Davis Physics 7A/B/C transfer without completing an entire physics courses upon arrival at UC vis advisor before continuing with
	PREPARATION	FOR	GRADUATION:
STATIST 13 Same as:	Elementary Statistics STATIST 13Y	(4)	MATH 140 Introductory (4) Statistics OR
			MATH 140H Introductory (4) Statistics - Honors
			OR PSYCH 104 Statistics for the (3)

END OF MAJOR

Behavioral Sciences

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

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College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See 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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Five lower-division courses from the following seven concentrations, including at least one course in three different concentrations. Additional units to reach 20.

A.AFRICA

HISTORY 15A Africa to 1900	(4) NO COURSE ARTICULATED
HISTORY 15B Africa Today	(4) NO COURSE ARTICULATED

B. ASIA

HISTORY	8	Indian Civilization	(4) NO	COMPARABLE COURSE
HISTORY	9A	East Asian Civ	(4) NO	COMPARABLE COURSE
HISTORY	9В	East Asian Civ	(4) NO	COMPARABLE COURSE

		C. EU	JROP:	E
HISTORY	4A	Western Civ	(4)	HIST 101 History of Western (3) Civilization: The Pre-Industrial West
HISTORY	4B	Western Civ	(4)	HIST 101 & History of Western (3) Civilization: The Pre-Industrial West
				HIST 102 History of Western (3) Civilization: The Modern Era
HISTORY	4C	Western Civ	(4)	HIST 102 History of Western (3) Civilization: The Modern Era
		D. LATI	 N AM	ERICA
UT CTODV	77	Latin America to 1700	(1)	NO COURSE ARTICULATED: College has not
HISTORY				submitted course(s) for articulation NO COURSE ARTICULATED: College has not
				submitted course(s) for articulation
HISTORY	7C	Latin America 1900-Present	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
		E. MIDDI	 LE E.	AST
				NO COURSE ARTICULATED: College has not submitted course(s) for articulation
		F. UNI	red	STATES
HISTORY	17A	U.S. History	(4)	HIST 111 United States History (3)
HISTORY	17B	U.S. History	(4)	HIST 112 United States History (3)
		Race in America to 1865		NO COURSE ARTICULATED
HISTORY HISTORY		Am Women & Gender Am Women & Gender		NO COMPARABLE COURSE NO COMPARABLE COURSE
HISTORY		US in the Middle East		NO COURSE ARTICULATED: College has not
HISTORY	85	Nat,Man&Mach/Amer		submitted course(s)for articulation
		G.	WOR	LD
HISTORY	1	Introduction to History	(2)	NO COURSE ARTICULATED: College has not
UT CT∩DV	2 т	ntro History of Science	(1)	submitted course(s)for articulation NO COURSE ARTICULATED
HISTORY		Cities: Survey of World Cultures		NO COMPARABLE COURSE
HISTORY	10A	World History to 1350	(4)	 NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HISTORY	10B	World History 1350-1850	(4)	NO COMPARABLE COURSE
HISTORY	10C	World History III	(4)	NO COMPARABLE COURSE
HISTORY				NO COURSE ARTICULATED: College has not
HISTORY	12	Food and History	(4)	submitted course(s)for articulation NO COURSE ARTICULATED: College has not
HISTORY	13	Global Sexualities	(4)	submited course(s)for articulation NO COURSE ARTICULATED
		Hist Global Capitalism		NO COURSE ARTICULATED
HISTORY	20	The Vietnam War	(4)	NO COURSE ARTICULATED
HISTORY	90 :	Research in History		NO COURSE ARTICULATED

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

Special Advising Note:

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

Transfer Admission Guarantee (TAG) Note:

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

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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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Select two of the following courses:

ANTHRO 1	Human Evol Biol	(4)	ANTHRO 101 	Physical Anthropology	(3)
			<u>OR</u> ANTHRO 101H 	Physical Anthropology - Honors	(3)
ANTHRO 2 C	ultural Anthropology	(5)	ANTHRO 103		(3)
ANTHRO 15	Human Life Cycle	(5)	 NO COMPARABLE		
	Select one	e co	urse from:		
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSCI 107 OR	Molecular and Cellular Biology	(4)
	OR		<u>OK</u> BIOSCI 107H 	Molecular and Cellular Biology - Honors OR	(4)
BIOLSCI 10	Everyday Biology	(4)	BIOSCI 100	General Biology	(4)
	OR		BIOSCI 100H	General Biology - Honors OR	(4)
MIC BIO 10	Natural History of	(3)		V -	
	Human Brain and Disease	(3)	NO COMPARABLE		
	Intro Human Heredity	(4)	 BIOSCI 140 	Principles of Human Genetics	(3)
	Select one	e co	urse from:		
HISTORY 17A	-	(4)	HIST 111 U		(3)
HISTORY 17B	OR U.S. History	(4)	!	OR nited States History I	(3)

(4) NO COMPARABLE COURSE

OR

HISTORY 72A

Am Women & Gender

	OR			OR	
HISTORY 72B	Am Women & Gender OR	(4)	NO COMPARABLE 	COURSE OR	
POL SCI 1	Amer Natl Govt	(4)	POLISC 150	Introduction to	(3)
				American Government	
				and Politics	
	Select two of th	e fo	llowing course	s:	
PHILOS 5	Critical Reasoning	(4)	PHILOS 106	Critical Reasoning	(3)
PHILOS 15					
PHILOS 30	Intro Philos of Sci	(4)	NO COMPARABLE	COURSE	
	Scientific Reason				
PHILOS 32	Scientific Change	(4)	NO COMPARABLE	COURSE	
PHILOS 38	Intro Philos of Biol	(4)	NO COMPARABLE	COURSE	
	Elem Human Physio				(4)
	-			Physiology I	
			OR		
			BIOSCI 205	Human Anatomy and	(4)
				Physiology II	
PSYCH 1	 General Psychology	(4)		Introduction to	(3)
		(- /		Psychology	(-)
			OR	1 31	
			PSYCH 101H		(3)
				Psychology - Honors	
	Select one of the	follo	owing options:		
PSYCH 41	Research Methods				(3)
				Behavioral Research	, ,
	OR		İ	OR	
SOCIOL 46A		(4)	NO COMPARABLE		
COCTOT 46D	AND	/ E \	 NO GOMDADADIE	AND	
SOCIOL 46B	Intro Social Rsch OR	(5)	NO COMPARABLE	OR	
STATIST 10		(4)	 NO COMPARABLE		
	OR	. ,		OR	
STATIST 13	Elementary Statistics	(4)	MATH 140	Introductory	(4)
Same as:	STATIST 13Y			Statistics	
			OR 1000		,
			MATH 140H	Introductory	(4)
			l OB	Statistics - Honors	
			<u>OR</u> PSYCH 104	Statistics for the	(3)
			l .	Behavioral Sciences	(3)
			I 		

END OF MAJOR

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

Special Advising Note:

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

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

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

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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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avaılabl	Le froi	m our TAG website.					
BIOLSCI	2A	Intro Biology:Life on Earth	(5)	BIOSCI 10°		Cellular Biology	(4)
				İ		Cellular Biology - Honors	
BIOLSCI	2В	Intro Biology: Ecology & Evolution	(5)	BIOSCI 10	6		(4)
CHEM 2A	Gei	nl Chemistry	(5)	OR		General Chemistry I	
				ĺ		General Chemistry I - Honors	
CHEM 2B	Gei	nl Chemistry	(5)		_	eneral Chemistry I eneral Chemistry II	
CHEM 2C	Gei	nl Chemistry		CHEM 202	G	eneral Chemistry II	(5)
PHYSICS	9A	Classical Physics		PHYSIC 22 	0 <u>&</u>	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
				PHYSIC 22: 	1 <u>&</u>	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
				PHYSIC 22	2	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS	9В	Classical Physics	(5)	PHYSIC 22 	<u>&</u> 0		(4)
				PHYSIC 22.	1 <u>&</u>	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
				PHYSIC 22.	2	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS	9C	Classical Physics	(5)	PHYSIC 22	0 <u>&</u>	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
				PHYSIC 22	1 <u>&</u>	Scientists and Engineers: Electricity and Magnetism	(4)
				PHYSIC 22	2	Physics for Sci and	(4)

			 		Engrs: Waves, Heat, Optics and Modern Physics	
MATH 21A	Calculus	(4)	 MATH	211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH	212	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH	213	Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH	213	Calculus III	(5)
MATH 22A	Linear Algebra	(3)	MATH	214	Linear Algebra	(3)
MATH 22B	Differntl Equations	(3)	MATH	215	Differential Equations	(3)
c) GEOLOGY !	50 Physical Geology	(3)	 GEOL 	101	Physical Geology	(3)
GEOLOGY 50L	Physical Geol Lab	(2)	GEOL	100	Physical Geology Laboratory	(1)
ENGIN 6 I	Engr Prob Solving R	(4)	NO C	MPARAB	LE COURSE	

- c) This course is not strictly comparable with UC Davis courses but will fulfill the introductory physical geology requirement for the geology major at UC Davis.
- f) If a student takes GEOL 101 at College of the Canyons, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.

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

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INT AG 10	Intro Intl Ag Development	(4)	NO CO	OMPARAB:	LE COURSE	
PL SCI 2	Bot Physio Cul Plt	(4)	NO C	OMPARAB:	LE COURSE	
SOILSCI 10	Soils in Our Environment	(3)	NO CO	OMPARAB:	LE COURSE	
ECON 1A	Princ of Microecon AND	(4)	ECON 	202	Microeconomics AND	(3)
ECON 1B	Princ of Macroecon	(4)	ECON	201	Macroeconomics	(3)
	Elementary Statistics STATIST 13Y	(4)	į	140 OR	Introductory Statistics	(4)
			MATH	140H	Introductory Statistics - Honors	(4)

	OR		PSYCH 104 Statistics for the (3) Behavioral Sciences OR
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE
MATH 16A	Short Calculus	(3)	MATH 211 Calculus I (5)
CM&RGDE 1	The Community	(4)	NO COMPARABLE COURSE
	SIX QUARTER	UNITS	FROM THE FOLLOWING:
AGRESEC 15	Pop,Envr,World Agri	(4)	NO COMPARABLE COURSE
AN SCI 41	Domestic Ani Prod	(2)	NO COMPARABLE COURSE
AN SCI 41L	Domest An Prod Lab	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CMCBCDE 20	Food Systems	(4)	NO COURSE ARTICULATED: College has not
CMargde 20	rood bystems	(1)	submitted course(s)for articulation
NUTR 10	Discoveries and Concepts	(3)	HLHSCI 150 Nutrition (3)
	Agr Nature & Society		NO COMPARABLE COURSE
PL SCI 15	Intro Sustainable	(4)	NO COURSE ARTICULATED: College has not
	Agriculture		submitted course(s) for articulation
PL SCI 49	Org Crop Prod Prac	(3)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation

FOREIGN LANGUAGE REQUIREMENT:

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

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

______ AREAS OF SPECIALIZATION: AGRICULTURAL PRODUCTION OPTION: BIOLSCI 2A Intro Biology:Life on (5) BIOSCI 107 Molecular and (4) Earth Cellular Biology BIOSCI 107H Molecular and (4)Cellular Biology -Honors BIOLSCI 2B Intro Biology: Ecology (5) BIOSCI 106 Organismal and (4) & Evolution Environmental Biology CHEM 2A Genl Chemistry (5) CHEM 201 General Chemistry I (6) OR |CHEM 201H General Chemistry I - (6) Honors CHEM 2B Genl Chemistry (5) CHEM 201 & General Chemistry I |CHEM 202 General Chemistry II ______ TRADE AND ECONOMIC DEVELOPMENT OPTION: MATH 16B Short Calculus (3) MATH 212 Calculus II (5) SOCIOL 1 Intro Sociology (5)|SOCI 101 Introduction to Sociology OR OR ANTHRO 2 Cultural Anthropology (5) ANTHRO 103 Cultural (3) Anthropology AGRESEC 15 Pop, Envr, World Agri (4) NO COMPARABLE COURSE ______ ENVIRONMENTAL ISSUES OPTION: BIOLSCI 2A Intro Biology:Life on (5) BIOSCI 107 Molecular and Earth Cellular Biology

			BIOSCI 	107н	Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 	106	Organismal and Environmental Biology	(4)
ENV S&P 1	Env Analysis	(4)	NO COMP	ARABLE	COURSE	
	RURAL COM	'INUN	TIES OPT	'ION:		
SOCIOL 1	Intro Sociology	(5)	SOCI 10 		ntroduction to ociology	(3)
ANTHRO 2	Cultural Anthropology	(5)	ANTHRO 	103	Cultural Anthropology	(3)

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

______ ANTHRO 2 Cultural Anthropology (5) ANTHRO 103 Cultural Anthropology OR OR ECON 1A Princ of Microecon (4) ECON 202 Microeconomics _____ -----ECON 1B Princ of Macroecon (4) ECON 201 Macroeconomics ______ HISTORY 4C Western Civ (4) | HIST 102 History of Western Civilization: The Modern Era OR OR HISTORY 10C World History III (4) NO COMPARABLE COURSE _____ POL SCI 2 Intro Comp Politics (4) | POLISC 250 Comparative Government and Politics ______ POL SCI 3 Internatl Relations (4) | POLISC 270 International Relations ______ POL SCI 12Y Data Visualization (4) NO COURSE ARTICULATED: College has not Same as: COMUNCN 12Y, PSYCH 12Y submitted course(s) for articulation SOCIOL 12Y OR OR Elementary Statistics (4) MATH 140 Introductory STATIST 13 (4)Statistics Same as: STATIST 13Y OR MATH 140H Introductory (4)Statistics - Honors PSYCH 104 Statistics for the (3) Behavioral Sciences OR SOCIOL 46B Intro Social Rsch (5) NO COMPARABLE COURSE ______ POL SCI 51 Scientific Study of (4) NO COURSE ARTICULATED: College has not Politics |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)		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)		ARTICULATED: College has not
			submitted	course(s) for articulation
ARABIC 21	Intermed Arabic	(4)		ARTICULATED: College has not
			submitted	course(s) for articulation
ARABIC 22	Intermed Arabic	(4)		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	<i>(</i> - <i>)</i>	OR
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x) CHINESE x) CHINESE			NO COMPARABLE COURSE NO COMPARABLE COURSE
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x) CHINESE			NO COMPARABLE COURSE
x) CHINESE			NO COMPARABLE COURSE
,	OR	(- ,	OR
x) CHINESE	1CN Mand/Cant Spkrs I	(5)	NO COMPARABLE COURSE
x) CHINESE	2CN Mand/Cant Spkrs II	(5)	NO COMPARABLE COURSE
x) CHINESE	3CN Mand/Cant Spkrs II	I (5)	NO COMPARABLE COURSE
	OR		OR
x) CHINESE			NO COMPARABLE COURSE
x) CHINESE		(5)	NO COMPARABLE COURSE
\	II	<i>(</i> - <i>)</i>	Lyo GOMPARARI GOVERGE
x) CHINESE	3BL Accl Wrtn Chinese	(5)	NO COMPARABLE COURSE
	OR		OR
FRENCH 1	Elementary French	(5)	FRNCH 101 Elementary French I (4)
FRENCH 2	Elementary French		FRNCH 101 & Elementary French I (4)
I KDIVCII Z	Elementary recitem	(3)	FRNCH 102 Elementary French II (4)
FRENCH 3	Elementary French	(5)	FRNCH 102 Elementary French II (4)
FRENCH 21	Intermed French		FRNCH 201 Intermediate French I (4)
FRENCH 22	Intermed French		FRNCH 202 Intermediate French (4)
		(- /	II
	OR		OR
GERMAN 1	Elementary German	(5)	GERMAN 101 Elementary German I (4)
GERMAN 2	Elementary German	(5)	GERMAN 101 $\underline{\&}$ Elementary German I (4)
			GERMAN 102 Elementary German II (4)
GERMAN 3	Elementary German		GERMAN 102 Elementary German II (4)
GERMAN 20	Intermediate German	(4)	NO COURSE ARTICULATED: College has not
G=514317 01		(4)	submitted course(s) for articulation
GERMAN 21	Intermediate German		
	THE CT ME CATAGE CET MAIN	(4)	NO COURSE ARTICULATED: College has not
		(4)	submitted course(s)for articulation
игррги 1	OR		submitted course(s)for articulation OR
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ITALIAN 4	Interm Italian	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ITALIAN 5	Interm Italian	(4)	NO COURSE ARTICULATED: College has not
	111001 10011011	(- /	submitted course(s) for articulation
	OR		OR
ITALIAN 1	Elementary Italian	(5)	NO COURSE ARTICULATED: College has not
	•	` ,	submitted course(s) for articulation
ITALIAN 2	Elementary Italian	(5)	NO COURSE ARTICULATED: College has not
	-		submitted course(s) for articulation
ITALIAN 3	Elementary Italian	(5)	NO COURSE ARTICULATED: College has not
	-		submitted course(s) for articulation
ITALIAN 8A	Italian Convers	(3)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
ITALIAN 8B	Italian Convers	(3)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
	OR		OR
y) JPNESE 1	Elem Japanese	(5)	NO 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
	OR		OR
PORTUG 1	Elementary Portuguese	(5)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
PORTUG 2	Elementary Portuguese	(5)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
PORTUG 3	Elementary Portuguese	(5)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
PORTUG 21	Intermediate Portuguese	(5)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
PORTUG 22	Intermediate Portuguese	(5)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
	OR		OR
RUSSIAN 1	Elementary Russian		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 101		Elementary Spanish I (4)
SPANISH 2	Elementary Spanish	(5)	SPAN 101	<u>&</u>	Elementary Spanish I (4)
			SPAN 102		Elementary Spanish II (4)
SPANISH 3	Elementary Spanish	(5)	SPAN 102)	Elementary Spanish II (4)
SPANISH 21	Intm Spanish	(5)	SPAN 201	<u>&</u>	Intermediate Spanish I (4)
			SPAN 202	!	Intermediate Spanish (4)
					II
SPANISH 22	Intm Spanish	(5)	SPAN 201	<u>&</u>	Intermediate Spanish I (4)
			SPAN 202)	Intermediate Spanish (4)
					II
	OR				OR
SPANISH 31	Int Span Nat Spk I	(5)	NO COMPA	RAB	LE COURSE
SPANISH 32	Int Span Nat Spk II	(5)	NO COMPA	RAB	LE COURSE
SPANISH 33	Int Span Nat Spk III	(5)	NO COMPA	RAB	LE 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 upperdivision coursework for the major. There are upper-division economics courses in some of the options that require calculus as a prerequisite. Consult the UC Davis General Catalog, available online, or consult an advisor to learn if the option you will choose contains economics courses with a calculus prerequisite.

END OF MAJOR

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

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

ITALIAN	1	Elementary Italian	(5)	!	ARTICULATED: College has not
				1	course(s) for articulation
ITALIAN	2	Elementary Italian	(5)	I	ARTICULATED: College has not
				submitted	course(s) for articulation
ITALIAN	3	Elementary Italian	(5)	1	ARTICULATED: College has not
				submitted	course(s) for articulation
ITALIAN	4	Interm Italian	(4)		ARTICULATED: College has not
				submitted	course(s) for articulation
ITALIAN	5	Interm Italian	(4)	NO COURSE	ARTICULATED: College has not
				submitted	course(s) for articulation
ITALIAN	9	Reading Italian	(4)	NO COURSE	ARTICULATED: College has not
				submitted	course(s) for articulation

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

END OF MAJOR

====Japanese A.B.====

Special Advising Note:

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

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

Japanese Placement Examination Note:

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

College Foreign Language Requirement Note:

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

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

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

y) JPNESE 1 Elem Japanese (5) NO 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	Masterworks in English	(4) NO COMPARABLE COURSE
JPNESE 25	Language & Culture (in	(4) NO COMPARABLE COURSE
	English)	
CHINESE 10	Modern Lit (in Engl)	(4) NO COMPARABLE COURSE
CHINESE 11	Gt Bks China (Engl)	(4) NO COMPARABLE COURSE
CHINESE 50	Intro to Literature	(4) NO COMPARABLE COURSE
Same as:	JPNESE 50	
LINGUIS 1	Intro Linguistics	(4) NO COMPARABLE COURSE
HISTORY 9B	East Asian Civ	(4) 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 $\frac{\text{highly recommended}}{\text{Preparing well for}}$ that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. See the UC Transfer Admission website for details. UC Davis requires that students complete the minimum transfer admission requirement by the end of spring term

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

PRE-MAJOR REQUIREMENT:

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

Advanced 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.

General Catalog . Quick reference char available from our TAG website.	rts i	for AP and IB are also
COMUNCN 1 Intro Public Spkg	(4)	COMS 105 Fundamentals of (3) Public Speaking OR
		COMS 105H Fundamentals in (3) Public Speaking- Honors
ENGLISH 3 Intro to Lit OR	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation OR
UWRITING 1 Expository Writing	(4)	ENGL 101 English Composition (3)
OR		ENGL 101H Honors - English (4) Composition OR
UWRITING 48 Style in the Essay Formerly UWRITING 18 OR	(4)	ENGL 103 Critical Reading, (3) Writing and Thinking OR
UWRITING 49 Writing Research Papers Formerly UWRITING 19	(4)	ENGL 103 Critical Reading, (3) Writing and Thinking
BIOLSCI 2B Intro Biology: Ecology & Evolution	(5)	BIOSCI 106 Organismal and (4) Environmental Biology
ENVHORT 6 Intro Environ Plants	(4)	
ONE COURSE FRO	M TI	HE FOLLOWING:
MATH 16A Short Calculus STATIST 13 Elementary Statistics Same as: STATIST 13Y		MATH 211 Calculus I (5) MATH 140 Introductory (4) Statistics
		MATH 140H Introductory (4) Statistics - Honors OR
ENG CS 32A Intro to Programming(4) Formerly ENG CS 10		PSYCH 104 Statistics for the (3) Behavioral Sciences NO COMPARABLE COURSE

ONE COURSE FROM THE FOLLOWING:

CHEM 2A Genl Chemistry	(5) CHEM 201 General Chemistry I (6) OR
	CHEM 201H General Chemistry I - (6)
CHEM 10 Concept of Chem	
PHYSICS 1A Principles Physics	· / !
PHYSICS 10 Topics, Nonscientists	· ·
f) GEOLOGY 1 The Earth	:
SOILSCI 10 Soils in Our	(3) NO COMPARABLE COURSE
Environment	İ
LND ARC 1 Intro Environ Design	(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
LND ARC 2 Place, Culture, Community	!
LND ARC 3 Sustainable Development	!
LND ARC 21 Landscape Rep I	(4) NO COMPARABLE COURSE
Formerly Design Visualization	
LND ARC 23 Landscape Rep II	(3) NO COURSE ARTICULATED
LND ARC 30 History Environ Design	(4) NO COMPARABLE COURSE
LND ARC 50 Site Ecology	
LND ARC 60 Landform Grading Studio	
LND ARC 70 Intro to Spacemaking	(4) NO COMPARABLE COURSE

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

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

END OF MAJOR

- e) If a student takes ENGL 103 at College of the Canyons, credit will be given for UC Davis's UWP 18 or 19, not both.
- f) If a student takes GEOL 101 at College of the Canyons, 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 transfer admission website. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

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

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

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College Foreign Language Requirement Note:

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

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

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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

END OF MAJOR

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

Special Advising Note:

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

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

Special Advising Note for Future Applicants*

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

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

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

- -Mathematics 16A/B or Mathematics 17A/B or Mathematics 21A/B
- -Economics 1A/B
- -Statistics 13
- *Information for future applicants is subject to change.

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

COMUNCN	1	Intro Publ:	ic Spkg	(4)	COMS	105	Fundamentals of Public Speaking	(3)
					(OR		
					COMS	105Н	Fundamentals in Public Speaking-	(3)
					! !		Honors	
		OR			 		OR	
COMUNCN	2		om Cmpetnce	(4)	l COMC	246	Interpersonal	(3)
COMONCIN	3	IIICPI SIII CO	om cmpetite	(+)	COMB	240	Communication	(3)
					I		Communication	
AGRESEC	18	Business I	Law	(4)	NO CO	OMPARAB:	LE COURSE	
ECON 1A	Pi	rinc of Mic	roecon	(4)	ECON	202	Microeconomics	(3)
ECON 1B	Pi	rinc of Macı	roecon	(4)	ECON	201	Macroeconomics	(3)
PL SCI 2	1	Computers :	in Technology	(3)	NO CO	OMPARAB:	LE COURSE	
		OR					OR	
B) ENG C	S 15	Intro to	o Computers	(4)	NO CO	OMPARAB:	LE 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.

MGMT 11A	Elem Accounting	(4)	BUS 201 <u>&</u>	Principles of Accounting I	(5)
			BUS 202	Principles of	(5)
				Accounting II	
MGMT 11B	Elem Accounting	(4)	NO COMPARA	ABLE COURSE	
MATH 16A	Short Calculus	(3)	 MATH 211	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 212	Calculus II	(5)
MATH 16C	Short Calculus	(3)	MATH 212	Calculus II	(5)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has	s not
			submitted	course(s) for articulat:	ion
MATH 17B	Calculus for Biosci	(4)	NO COURSE	ARTICULATED: College has	s not
			submitted	course(s) for articulat:	ion
	OR			OR	
MATH 21A	Calculus	(4)	MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)
STATIST 13	Elementary Statistics	(4)	 MATH 140	Introductory	(4)

Same as: STATIST 13Y		Statistics	
	OR		
	MATH 140H	Introductory	(4)
		Statistics - Honors	
	OR		
	PSYCH 104	Statistics for the	(3)
	İ	Behavioral Sciences	
	•		

END OF MAJOR

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

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to

complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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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CCC transfer students who have successfully completed the IGETC lower-division coursework are exempt from all GE requirements that may be met with lower-division courses. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

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

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

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

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

BIOLSCI	2A	Intro Biology:Life on Earth	(5)	BIOSCI 	107	Molecular and Cellular Biology	(4)
				OI	₹.		
				BIOSCI	107н	Molecular and Cellular Biology -	(4)
						Honors	
BIOLSCI	2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 	106	Organismal and Environmental	(4)
						Biology	
BIOLSCI	2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSCI 	106	Organismal and Environmental Biology	(4)

CHEM 2A	Genl Chemistry	(5)	CHEM 201 General Chemistry I (6	5)
			CHEM 201H General Chemistry I - (6 Honors	5)
CHEM 2B	Genl Chemistry	(5)	CHEM 201 & General Chemistry I (6	5)
			CHEM 202 General Chemistry II (5	
CHEM 2C	Genl Chemistry	(5)	CHEM 202 General Chemistry II (5	5)
MATH 16A	Short Calculus	(3)	MATH 211 Calculus I (5	5)
MATH 16B	Short Calculus	(3)	MATH 212 Calculus II (5	5)
MATH 16C	Short Calculus	(3)	MATH 212 Calculus II (5	5)
	OR		OR	
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	
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has no	
			submitted course(s) for articulation	
	OR		OR	
MATH 21A			MATH 211 Calculus I (5	
MATH 21B			MATH 212 Calculus II (5	
MATH 21C	Calculus	(4)	MATH 213 Calculus III (5	5)
PHYSICS 7A	General Physics	(4)	PHYSIC 110 & General Physics I (4	1)
			PHYSIC 111 General Physics II (4	1)
PHYSICS 7B	General Physics	(4)	PHYSIC 110 & General Physics I (4	1)
			PHYSIC 111 General Physics II (4	1)
PHYSICS 7C	General Physics	(4)	PHYSIC 110 & General Physics I (4	1)
			PHYSIC 111 General Physics II (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)	PHYSIC 	220	<u>&</u>	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
				PHYSIC 	221	<u>&</u>	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
				PHYSIC	222		Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9B	Classical	Physics	(5)	PHYSIC 	220	<u>&</u>	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
				PHYSIC 	221	<u>&</u>	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
				PHYSIC 	222		Physics for Sci and Engrs: Waves, Heat, Optics and Modern	(4)

PHYSICS 9C	Classical	Physics	(5)	 PHYSIC 	220	<u>&</u>	Physics Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
				PHYSIC 	221	<u>&</u>	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
				PHYSIC	222		Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(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 Ecology and Organismal Biology)==== Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

It is also <u>strongly recommended</u> that transfer students complete courses comparable to the following UC Davis courses. Completion of these courses will

help you move more efficiently toward graduation. Courses should be taken for a letter grade, with no grade less than C:

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSCI 107 Molecular and (4 Cellular Biology
			OR
			BIOSCI 107H Molecular and (4
			Cellular Biology -
			Honors
BIOLSCI 2B	Intro Biology: Ecology	(5)	
	& Evolution		Environmental
DIOLGGI OG	Took on Dialogo.	/ F \	Biology
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree	(5)	BIOSCI 106 Organismal and (4 Environmental
	of Life		Biology
			ьтотоду
CHEM 2A	Genl Chemistry	(5)	CHEM 201 General Chemistry I (6
	-	. ,	OR
			CHEM 201H General Chemistry I - (6
			Honors
CHEM 2B	Genl Chemistry	(5)	CHEM 201 & General Chemistry I (6
			CHEM 202 General Chemistry II (5
CHEM 2C	Genl Chemistry	(5)	CHEM 202 General Chemistry II (5
GUELA OR	AND	<i>(</i> 0)	AND
	Organic Chem-Brief Organic Chem-Brief		NO COMPARABLE COURSE NO COMPARABLE COURSE
CHEM OB	organic chem-brier	(4)	NO COMPARABLE COURSE
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
			<pre>submitted course(s) for articulation</pre>
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has no
			<pre>submitted course(s) for articulation</pre>
	OR		OR
MATH 21A			MATH 211 Calculus I (5
MATH 21B	Calculus		MATH 212 Calculus II (
DHVSTCS 7A	General Physics		PHYSIC 110 & General Physics I (4
INIDICD /A	delicial flighten	(1)	PHYSIC 111 General Physics II (4
PHYSICS 7B	General Physics	(4)	PHYSIC 110 & General Physics I (4
11110100 /2	00110101 111, 2102	(- /	PHYSIC 111 General Physics II (4
PHYSICS 7C	General Physics	(4)	PHYSIC 110 & General Physics I (4
			PHYSIC 111 General Physics II (4
It is highl	y recommended that students	COI	mplete an entire physics series at
			to the entire UC Davis Physics 7A/B
			transfer without completing an entire
			physics courses upon arrival at UC
Davis and	will need to meet with a IIC	י בת	is advisor before continuing with

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

		OR						OR	
PHYSICS	9A	Classical	Physics	(5)	PHYSIC	220	<u>&</u>	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
					PHYSIC	221	<u>&</u>	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
					PHYSIC	222		Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS	9B	Classical	Physics	(5)	PHYSIC	220	&	Physics for	(4)

							Scientists and Engineers: Mechanics of Solids and Fluids
					PHYSIC 	221 <u>8</u>	Physics for (4) Scientists and Engineers: Electricity and
					 PHYSIC	222	Magnetism Physics for Sci and (4)
					 		Engrs: Waves, Heat, Optics and Modern Physics
PHYSICS	9C	Classical	Physics	(5)	PHYSIC	220 <u>8</u>	Physics for (4) Scientists and Engineers: Mechanics of Solids and Fluids
					PHYSIC	221 <u>8</u>	Physics for (4) Scientists and Engineers: Electricity and Magnetism
					 PHYSIC 	222	Physics for Sci and (4) Engrs: Waves, Heat, Optics and Modern Physics

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 https://doi.org/10.2016/journal.com/ that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

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

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

-Coastal Environmental Processes (College of Agricultural and Environmental

Sciences; Environmental Science and Policy)

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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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 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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avariable i	Tom our mid webbiec.		
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSCI 107 Molecular and (4) Cellular Biology OR
			BIOSCI 107H Molecular and (4) Cellular Biology - Honors
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106 Organismal and (4) Environmental Biology
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSCI 106 Organismal and (4) Environmental Biology
CHEM 2A	Genl Chemistry	(5)	CHEM_201 General Chemistry I (6)
			OR CHEM 201H General Chemistry I - (6) Honors
CHEM 2B	Genl Chemistry	(5)	CHEM 201 & General Chemistry I (6)
CHEM 2C	Genl Chemistry	(5)	CHEM 202 General Chemistry II (5) CHEM 202 General Chemistry II (5)
 MATH 16A	Short Calculus	(3)	MATH 211 Calculus I (5)
MATH 16B	Short Calculus		MATH 212 Calculus II (5)
MATH 16C	Short Calculus		MATH 212 Calculus II (5)
111111 100	OR	(3)	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 211 Calculus I (5)
MATH 21B	Calculus	(4)	MATH 212 Calculus II (5)
MATH 21C	Calculus	(4)	MATH 213 Calculus III (5)
PHYSICS 7A	General Physics	(4)	PHYSIC 110 & General Physics I (4) PHYSIC 111 General Physics II (4)
PHYSICS 7B	General Physics		PHYSIC 110 & General Physics I (4)
PHYSICS 7C	General Physics	(4)	PHYSIC 111 General Physics II (4) PHYSIC 110 & General Physics I (4)
It is highl	y recommended that students		PHYSIC 111 General Physics II (4) mplete an entire physics series at

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

		OR						OR	
PHYSICS 9	9A	Classical	Physics	(5)	PHYSIC	220	<u>&</u>	Physics for	(4)
								Scientists and	
								Engineers: Mechanic	S

				 PHYSIC 	221	<u>&</u>	of Solids and Fluids Physics for Scientists and Engineers: Electricity and	(4)
				 PHYSIC 	222		Magnetism Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9E	3 Classical	Physics	(5)	PHYSIC	220	<u>&</u>	-	(4)
				PHYSIC	221	<u>&</u>	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
				 PHYSIC 	222		Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9C	Classical	Physics	(5)	PHYSIC	220	<u>&</u>	Physics for Scientists and Engineers: Mechanics of Solids and	(4)
				 PHYSIC 	221	<u>&</u>	Fluids Physics for Scientists and Engineers: Electricity and	(4)
				 PHYSIC 	222		Magnetism Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(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. (Oceans and the Earth System)==== Special Advising Note:

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

BIOLSCI	2A	Intro Biology:Life on Earth	(5)	BIOSCI OI		Molecular and Cellular Biology	(4)
				<u>O</u> BIOSCI 	_	Molecular and Cellular Biology - Honors	(4)
BIOLSCI	2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI	106	Organismal and Environmental Biology	(4)
BIOLSCI	2C	Intro Biology: Biodiversity & the Tree of Life		BIOSCI 	106	Organismal and Environmental Biology	(4)
CHEM 2A	Gei	nl Chemistry	(5)	CHEM 2	01	General Chemistry I	(6)

					CHEM	201	Н		neral nors	Chemistr	y I -	(6)
CHEM 2	В	Genl Chemi	stry	(5)	CHEM	201	<u>&</u>	_		hemistry	I	(6)
					CHEM	202		Gen	eral C	hemistry	II	(5)
CHEM 2	C	Genl Chemi	stry	(5)	CHEM	202		Gen	eral C	hemistry	II	(5)
MATH 1	6A	Short Cal	culus	(3)	 MATH	211		Cal	culus	I		(5)
MATH 1	6B	Short Cal	culus	(3)	MATH	212		Cal	culus	II		(5)
MATH 1	6C	Short Cal	culus	(3)	MATH	212		Cal	culus	II		(5)
		OR			İ				OR			
MATH 1	7A	Calculus	for BioSci	(4)	NO CO	DURSI	E A	RTIC	ULATED	: College	e has	not
					subm	itted	d c	ours	e(s) f	or artic	ulatio	on
MATH 1	7B	Calculus	for Biosci	(4)	NO CO	DURSI	E A	RTIC	ULATED	: College	e has	not
					subm	itted	d c	ours	e(s) f	or artic	ulatio	on
MATH 1	7C	Calculus	for BioSci	(4)	NO CO	OURSI	E A	RTIC	ULATED	: College	e has	not
					subm	itte	d c	ours	e(s) f	or artic	ulatio	on
		OR			OR							
MATH 2	1A	Calculus		(4)	MATH	211		Cal	culus	I		(5)
MATH 2	1B	Calculus		(4)	MATH	212		Cal	culus	II		(5)
MATH 2	1C	Calculus		(4)	MATH	213		Cal	culus	III		(5)
PHYSIC	 S 7A	General	Physics	(4)	 PHYS:	 IC 13	10	& G	 eneral	Physics		(4)
			-		 PHYS			_		Physics		(4)
PHYSIC	S 7B	General	Physics	(4)	 PHYS	IC 13	10					(4)
			-	. ,				_		Physics		(4)
PHYSIC	s 7c	General	Physics	(4)						_		, ,
			-		•			_		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)	PHYSIC 	220	<u>&</u>	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
					PHYSIC 	221	<u>&</u>	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
					PHYSIC 	222		Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS	9B	Classical	Physics	(5)	PHYSIC 	220	<u>&</u>	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
					PHYSIC 	221	<u>&</u>	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
					PHYSIC			Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS	9C	Classical	Physics	(5)	PHYSIC	220	<u>&</u>	Physics for	(4)

			Scientists and Engineers: Mechanics of Solids and Fluids	
PHYSIC	221	<u>&</u>	Physics for	(4)
			Scientists and	
			Engineers:	
			Electricity and	
			Magnetism	
PHYSIC	222		Physics for Sci and	(4)
			Engrs: Waves, Heat,	
			Optics and Modern	
			Physics	

STRONGLY RECOMMENDED:

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

END OF MAJOR

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

Special Advising Note:

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-2019 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ are also available from our TAG website.

When there are more applicants than spaces available in the College of Engineering, priority is given to California community college transfers who have an overall UC transferable GPA of 3.10 or higher and who have completed all lower-division engineering major requirements available at the student's community college with a minimum GPA of 3.20 in these required courses. Contact your counselor or the UC Davis College of Engineering Undergraduate Office at(530)752-1979, or consult the College of Engineering website if you have any questions.

END OF MAJOR

====Mathematical & Scientific Computation B.S.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis transfer admission website. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

Recommended Language Preparation Note:

Bachelor of Science degree candidates are advised, but not required, to satisfy the same language requirement as that for a Bachelor of Arts degree candidate, and to fulfill it in French, German or Russian. View the <u>UC Davis General</u> <u>Catalog</u> for additional information about the Foreign Language and Area Requirements, College of Letters and Science.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ are also available from our TAG website.

MATH	21A	Calculus	(4)	MATH 211	Calculus I	(5)
MATH	21B	Calculus	(4)	MATH 212	Calculus II	(5)
MATH	21C	Calculus	(4)	MATH 213	Calculus III	(5)
		OR			OR	
MATH	17A	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has	not
				submitted	course(s) for articulation	on
MATH	17B	Calculus for Biosci	(4)	NO COURSE	ARTICULATED: College has	not
				submitted	course(s) for articulation	on
MATH	17C	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has	not
				submitted	course(s) for articulation	on
MATH	21D	Vector Analysis	(4)	 MATH 213	Calculus III	(5)
MATH		Differntl Equations	. ,	MATH 215		,
MATH		Lin Alg Comp Lab	,	_	ARTICULATED: College has	
				!	_	

|submitted course(s)for articulation or equivalent basic knowledge of MATLAB.

NOTE: Basic knowledge of MATLAB is required for both MATH 67 and 22A. Students can learn it on their own, enroll in Engineering 6, Mechanical Engineering 5 or in the one unit course Mathematics 22AL (may be taken concurrently).

BOTH OF THE FOLLOWING COURSES:

MATH 22A	Linear Algebra	(3) MATH 214 Linear Algebra (3)			
	AND	AND			
MATH 108	Intro Abstract Math	(4) This course must be taken at UC Davis			
	OR SELECT	THE FOLLOWING COURSE:			
MATH 67	Modern Linear Algebra	(4) NO COURSE ARTICULATED: College has not			
		submitted course(s) for articulation			
ENG CS 32	A Intro to Programming(4)	NO COMPARABLE COURSE			
Formerly ENG CS 10					
ENGIN 6	Engr Prob Solving	(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 transfer admission website. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

END OF MAJOR

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General

Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

Recommended Language Preparation Note:

Bachelor of Science degree candidates are advised, but not required, to satisfy the same language requirement as that for a Bachelor of Arts degree candidate, and to fulfill it in French, German or Russian. View the UC Davis General Catalog for additional information about the Foreign Language and Area Requirements, College of Letters and Science.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 General Catalog . Quick reference charts for AP and IB are also

MATH 21A	Calculus	(4)	MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 213	Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH 213	Calculus III	(5)
MATH 22B	Differntl Equations	(3)	MATH 215	Differential Equations	(3)
MATH 22AL	Lin Alg Comp Lab			ARTICULATED: College has	
			submitted	course(s) for articulation	n

or equivalent basic knowledge of MATLAB.

NOTE: Basic knowledge of MATLAB is required for both MATH 67 and 22A. Students can learn it on their own, enroll in Engineering 6, Mechanical Engineering 5 or in the one unit course Mathematics 22AL (may be taken concurrently).

BOTH OF TH	E FOLLOWING COURSES:					
Linear Algebra	(3) MATH 214 Linear Algebra (3)					
AND	AND					
Intro Abstract Math	(4) This course must be taken at UC Davis					
OR SELECT THE FOLLOWING COURSE:						
Modern Linear Algebra	(4) NO COURSE ARTICULATED: College has not					
	Linear Algebra AND Intro Abstract Math OR SELECT					

		submitted course(s) for articulation
ENG CS 32A Intro to Programming(4) Formerly ENG CS 10		NO COMPARABLE COURSE
	OR	OR
ENGIN 6	Engr Prob Solving	(4) NO COMPARABLE COURSE
ECON 1A ECON 1B	Princ of Microecon Princ of Macroecon	(4) ECON 202 Microeconomics (3) (4) ECON 201 Macroeconomics (3)
STATIST 32	Gateway to Data Science	(4) NO COMPARABLE COURSE

END OF MAJOR

====Mathematics A.B.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis transfer admission website. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Special Advising Note for future applicants:*

Beginning fall 2020, the major mathematics will become selective and will require preparatory coursework for admission. Any required courses that are offered at your current campus will need to be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses will not be offered at your college, you must complete them after enrolling at UC Davis.

Transfer students must earn an overall GPA of 2.80 or higher to be competitive candidates for admission to this major (3.20 or higher for TAG applicants).

Strive to achieve your highest possible GPA in order to be most competitive. Candidates must complete courses comparable to the following UC Davis courses

with a GPA of at least 3.00 for the selective major course group. It is recommended that candidates have a cumulative GPA of at least 3.00 for the group of courses below that have been completed at the time of application and through the transfer academic update filing period. Whether planning for the general application or TAG process, courses must be taken for a letter grade, with no grade less than C. (Advanced Placement (AP) or International Baccaulaureate (IB) Higher Level examinations may satisfy UC course equivalents).

-Mathematics 21A/B/C/D

-Mathematics 22A or Mathematics 67

-Mathematics 22B

*Information for future applicants is subject to change

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See http://llc.ucdavis.edu/foreign-language-placement-exams and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 General Catalog . Quick reference charts for AP and IB are also available from our TAG website.

______ (4) MATH 211 Calculus I (4) MATH 212 Calculus II MATH 21A Calculus MATH 21B Calculus MATH 21C Calculus (5) (4) MATH 213 Calculus III (5)

MATH 21D Vector Analysis (4) MATH 213 Calculus III (5)
MATH 22B Differentl Equations (3) MATH 215 Differential Equations (3)
MATH 22AL Lin Alg Comp Lab (1) NO COURSE ARTICULATED: College has not

| submitted course(s)for articulation

or equivalent basic knowledge of MATLAB.

NOTE: Basic knowledge of MATLAB is required for both MATH 67 and 22A. Students can learn it on their own, enroll in Engineering 6, Mechanical Engineering 5 or in the one unit course Mathematics 22AL (may be taken concurrently).

AND | AND

MATH 108 Intro Abstract Math (4) | This course must be taken at UC Davis

OR SELECT THE FOLLOWING COURSE:

MATH 67 Modern Linear Algebra (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation

ENG CS 32A Intro to Programming(4) NO COMPARABLE COURSE

Formerly ENG CS 10

R | C

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.

12 QUARTER UNITS OF ADDITIONAL NON-MATHEMATICS COURSES CHOSEN FROM NATURAL SCIENCES

END OF MAJOR

====Mathematics B.S.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis transfer admission website. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Special Advising Note for future applicants:*

Beginning fall 2020, the major mathematics will become selective and will require preparatory coursework for admission. Any required courses that are offered at your current campus will need to be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses will not be offered at your college, you must complete them after enrolling at UC Davis.

Transfer students must earn an overall GPA of 2.80 or higher to be competitive candidates for admission to this major (3.20 or higher for TAG applicants).

Strive to achieve your highest possible GPA in order to be most competitive. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 3.00 for the selective major course group. It is recommended that candidates have a cumulative GPA of at least 3.00 for the group of courses below that have been completed at the time of application and through the transfer academic update filing period. Whether planning for the general application or TAG process, courses must be taken for a letter grade, with no grade less than C. (Advanced Placement (AP) or International Baccaulaureate (IB) Higher Level examinations may satisfy UC course equivalents).

⁻Mathematics 21A/B/C/D

⁻Mathematics 22A or Mathematics 67

*Information for future applicants is subject to change

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

Recommended Language Preparation Note:

Bachelor of Science degree candidates are advised, but not required, to satisfy the same language requirement as that for a Bachelor of Arts degree candidate, and to fulfill it in French, German or Russian. View the UC Davis General Catalog for additional information about the Foreign Language and Area Requirements, College of Letters and Science.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 General Catalog . Quick reference charts for AP and IB are also available from our TAG website.

MATH	21A	Calculus	(4)	MATH	211	Calculus	I	(5)
MATH	21B	Calculus	(4)	MATH	212	Calculus	II	(5)
MATH	21C	Calculus	(4)	MATH	213	Calculus	III	(5)
MATH	21D	Vector Analysis	(4)	MATH	213	Calculus	III	(5)
MATH	22B	Differntl Equations	(3)	MATH	215	Different	ial Equations	(3)
MATH	22AL	Lin Alg Comp Lab	(1)	NO CO	URSE	ARTICULATED	: College has	not
				submi	ltted	course(s)fo	r articulation	ı

or equivalent basic knowledge of MATLAB.

NOTE: Basic knowledge of MATLAB is required for both MATH 67 and 22A. Students can learn it on their own, enroll in Engineering 6, Mechanical Engineering 5 or in the one unit course Mathematics 22AL (may be taken concurrently).

BOTH OF THE FOLLOWING COURSES: MATH 22A Linear Algebra (3)|MATH 214 Linear Algebra (3) AND AND MATH 108 Intro Abstract Math (4) This course must be taken at UC Davis OR SELECT THE FOLLOWING COURSE: MATH 67 Modern Linear Algebra (4) NO COURSE ARTICULATED: College has not

| submitted course(s) for articulation ______ ENG CS 32A Intro to Programming(4) | NO COMPARABLE COURSE

Formerly ENG CS 10 ENGIN 6 Engr Prob Solving (4) NO COMPARABLE COURSE

Please note that the community college's computer science courses may not be identical to UC Davis courses. Community college students, upon transfer to UC Davis, may need to make up any topic or language deficiencies.

	PLAN 1: GENERAL	MATHE	MATICS			
PHYSICS 9A	Classical Physics	(5)	PHYSIC 	220	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC	221	<pre>Physics for Scientists and Engineers: Electricity and Magnetism</pre>	(4)
			PHYSIC		Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
	PLAN 2: MATHEMA	ATICS 1	FOR SEC	ONDAR	Y TEACHING	
PHYSICS 7A	General Physics OR	(4)	PHYSIC PHYSIC		General Physics I General Physics II OR	(4)
PHYSICS 9A	Classical Physics	(5)	PHYSIC	220	_	(4)
			PHYSIC	221	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
	OR		 PHYSIC 	222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics OR	(4)
STATIST 13 Same as:	Elementary Statistics STATIST 13Y	(4)	 MATH 14 	10	Introductory Statistics	(4)
			<u>OR</u> MATH 14 	10н	Introductory Statistics - Honors	(4)
			<u>OR</u> PSYCH 1 	L04	Statistics for the Behavioral Sciences	(3)
	OR				OR	

====Mechanical Engineering B.S.====

Special Advising Note:

ARTICULATION FOR THIS MAJOR IS UNDER REVIEW. You may view the previous year's agreement, but be advised that articulation is subject to change from year to year.

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

College of Engineering applicants to fall 2019 should view the majors guide effective for the 2017-18 academic year. (Go to ASSIST.org and click on the red notice that appears at the top of the page after you enter a college or university). Admission selection for fall 2019 will be based upon ALL courses published as REQUIRED FOR ADMISSION on the 2017-18 majors guide for the major. You may also view this information as published in the College of Engineering Transfer Credit Agreement at

http://engineering.ucdavis.edu/transfer-credit-agreements/

Special Advising Note:

All majors in the College of Engineering are selective and require preparatory coursework for admission. Transfer applicants must earn an overall transfer GPA of 3.10 or higher to be competitive candidates for admission to any engineering major. Strive to achieve your highest possible GPA in order to be most competitive. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents.

Transfer applicants must also complete all lower-division courses required for their specific engineering major as listed below under courses "Required for Admission" with a cumulative GPA of 3.20 or higher for those courses completed at the time of application and through the transfer academic update filing period. Before submitting a UC application, students must have already achieved a cumulative GPA of 3.20 or higher in required lower-division major coursework completed. If one course from the group is completed at the time the application is submitted, the grade for that one course must be B+ or better. If two or more courses from the group are completed at the time the application is submitted, the GPA for those courses combined must be a 3.20 or higher.

Any required courses that are offered at your current college must be completed by the close of spring term for fall enrollment at UC Davis. If required courses are not offered at your California Community College (i.e. those identified on ASSIST as NO COMPARABLE COURSE or NO COURSE ARTICULATED), you must complete them after enrolling at UC Davis.

In addition to completing preparatory courses for the major, students must also meet UC transfer admission requirements by the close of spring term for fall enrollment at UC Davis. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment. See the UC Davis transfer admission website for details.

IGETC: Transfer students should place highest priority on completing all requirements for their chosen engineering major. By completing the Intersegmental General Education Transfer Curriculum(IGETC)however, the General Education (GE) requirement at UC Davis will be totally satisfied for all UC Davis GE requirements that may be met with lower-division courses. Completing IGETC is not required, nor does it improve the likelihood you will be admitted. See additional GE information below.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit our website for details regarding UC Davis TAG.

General Education (GE) Note:

For information concerning satisfaction of UC Davis GE requirements, please go

to the For General Education/Breadth section of ASSIST and select any GE area from the pull-down menu or view the "General Education" section of the 2018-19 UC Davis General Catalog online.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-2019 General Catalog. Quick reference charts for AP and IB are also available from our TAG website.

When there are more applicants than spaces available in the College of Engineering, priority is given to California community college transfers who have an overall UC transferable GPA of 3.10 or higher and who have completed all lower-division engineering major requirements available at the student's community college with a minimum GPA of 3.20 in these required courses. Contact your counselor or the UC Davis College of Engineering Undergraduate Office at(530)752-1979, or consult the College of Engineering website if you have any questions.

END OF MAJOR

====Medieval and Early Modern Studies A.B.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis transfer admission website. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See

http://llc.ucdavis.edu/foreign-language-placement-exams
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 $\underline{\tt General\ Catalog}$. Quick reference charts for $\underline{\tt AP}$ and $\underline{\tt IB}$ are also available from our TAG website.

MEDV-ST 20A MEDV-ST 20B		(5) NO COMPARABLE COURSE
		FROM THE FOLLOWING:
∆ R T H T 1 R	Mediev&Renaics Art	(4) ART 110 & Art History: And

ARTHI 1B	Mediev&Renaiss Art	(4)	ART 110 & Art History: Ancient to (3)
			ART 111 Art History: (3) Renaissance to Modern
ARTHI 1C	Baroque to Modern Art	(4)	ART 111 Art History: (3) Renaissance to Modern
ARTHI 1E	Islamic Art & Architecture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
COMPLIT 2	Major Books-Middle Ages to Enlightenment	(4)	NO COMPARABLE COURSE
COMPLIT 10A		(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 I: To 1700	(4)	
GERMAN 48	Myth & Saga	(4)	 NO COMPARABLE COURSE
HISTORY 4A	Western Civ		HIST 101 History of Western (3)
	Webtelli CIV	(1)	Civilization: The Pre-Industrial West
HISTORY 4B	Western Civ	(4)	HIST 101 & History of Western (3) Civilization: The
			Pre-Industrial West
			HIST 102 History of Western (3) Civilization: The Modern Era
HUMAN 1	Humanities Forum	(2)	NO COURSE ARTICULATED: College has not
HUMAN 9	Don Quixote	(2)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not
PHILOS 21	Phil Classics: Ancient	(4)	submitted course(s) for articulation PHILOS 110
PHILOS 22	Phil Classics: Modern	(4)	PHILOS 111 History of Modern (3) Philosophy

Language proficiency is a desideratum; courses in Latin and other European languages are strongly recommended, particularly for students planning to pursue graduate studies in the medieval or early modern field.

END OF MAJOR

Special Advising Note:

The following majors in the College of the Biological Sciences--biochemistry and molecular biology; biological sciences; cell biology; evolution, ecology, and biodiversity; genetics and genomics; marine and coastal science (marine ecology & organismal biology); microbiology; neurobiology, physiology, and behavior; and plant biology--are selective and require preparatory coursework for admission. Any required courses that are offered at your current campus must be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses are not offered at your college, you must complete them after enrolling at UC Davis.

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.50 for each of the three course groups. It is recommended that candidates have already achieved the minimum required GPAs for the courses in the groups below that have been completed by the time of application and maintain them through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

Mathematics 17A/B/C or 21A/B Chemistry 2A/B/C Biological Sciences 2A/B/C

It is also <u>strongly recommended</u> that transfer students complete courses comparable to the following UC Davis courses. Completion of these courses will help you move more efficiently toward graduation. Courses should be taken for a letter grade, with no grade less than C:

Organic Chemistry series cited on ASSIST for your major*
Physics 7A/B/C or the physics series cited on ASSIST
for your intended College of Biological Sciences major (especially useful for Neurobiology, Physiology and Behavior majors).

* Students planning for the major biochemistry and molecular biology should complete Organic Chemistry 118A/B/C rather than 8A/B. Students planning for the major marine and coastal science (marine ecology & organismal biology) should complete Organic Chemistry 8A/B; however, students may substitute Chemistry 118A/B/C.

Transfer students must also meet UC transfer admission requirements. UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. See the <u>UC Transfer Admission webpage</u>. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Special Note for Transfer Students Considering an A.B. Degree in this Major:

Applicants to majors in the College of Biological Sciences apply to the major, without reference to A.B. or B.S. degrees, which are chosen after enrollment at UC Davis. All majors currently offered in the College of Biological Sciences are selective for purposes of admission; therefore, in order to be considered for admission in this selective major, transfer students who plan to pursue the

A.B. degree MUST also complete Chemistry 2C and additional courses in math. At a minimum, for admission students MUST complete courses comparable to UC Davis's Biological Sciences 2A/B/C; Mathematics 17A/B/C or 21A/B; and Chemistry 2A/B/C. See the B.S. degree in this major for additional course articulation information.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG. ______

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See http://llc.ucdavis.edu/foreign-language-placement-exams and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 General Catalog . Quick reference charts for AP and IB are also

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSCI 107 	Molecular and Cellular Biology	(4)
			OR		
			BIOSCI 107H 	Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)
CHEM 2A	Genl Chemistry	(5)	CHEM 201 OR	General Chemistry I	(6)
			CHEM 201H	General Chemistry I - Honors	- (6)
CHEM 2B	Genl Chemistry	(5)	CHEM 201 &	General Chemistry I	(6)
			CHEM 202	General Chemistry II	(5)
CITEM OA	Organia Cham Briof	(2)	INO COMDADAD	TE COURCE	

available from our TAG website.

CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE
	OR		OR
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 255 Organic Chemistry I (5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 255 & Organic Chemistry I (5)
			CHEM 256 Organic Chemistry II (5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 256 Organic Chemistry II (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
	OR		OR
MATH 21A	Calculus		MATH 211 Calculus I (5)
MATH 21B	Calculus	(4)	MATH 212 Calculus II (5)
PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE
	OR		OR
PHYSICS 7A	General Physics	(4)	PHYSIC 110 $\underline{\&}$ General Physics I (4)
			PHYSIC 111 General Physics II (4)
PHYSICS 7B	General Physics	(4)	PHYSIC 110 & General Physics I (4)
			PHYSIC 111 General Physics II (4)
PHYSICS 7C	General Physics	(4)	PHYSIC 110 & General Physics I (4)
			PHYSIC 111 General Physics II (4)

It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

END OF MAJOR

====Microbiology B.S.====

Special Advising Note:

The following majors in the College of the Biological Sciences--biochemistry and molecular biology; biological sciences; cell biology; evolution, ecology, and biodiversity; genetics and genomics; marine and coastal science (marine ecology & organismal biology); microbiology; neurobiology, physiology, and behavior; and plant biology--are selective and require preparatory coursework for admission. Any required courses that are offered at your current campus must be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses are not offered at your college, you must complete them after enrolling at UC Davis.

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.50 for each of the three course groups. It is recommended that candidates have already achieved the minimum required GPAs for the courses in the groups below that have been completed by the time of application and maintain them through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

Mathematics 17A/B/C or 21A/B Chemistry 2A/B/C Biological Sciences 2A/B/C

It is also <u>strongly recommended</u> that transfer students complete courses comparable to the following UC Davis courses. Completion of these courses will help you move more efficiently toward graduation. Courses should be taken for a letter grade, with no grade less than C:

Organic Chemistry series cited on ASSIST for your major*
Physics 7A/B/C or the physics series cited on ASSIST
for your intended College of Biological Sciences major (especially useful for Neurobiology, Physiology and Behavior majors).

* Students planning for the major biochemistry and molecular biology should complete Organic Chemistry 118A/B/C rather than 8A/B. Students planning for the major marine and coastal science (marine ecology & organismal biology) should complete Organic Chemistry 8A/B; however, students may substitute Chemistry 118A/B/C.

Transfer students must also meet UC transfer admission requirements. UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. See the UC Transfer
Admission webpage. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ are also available from our TAG website.

BIOLSCI 2A Intro Biology:Life on (5) BIOSCI 107 Molecular and (4)
Earth OR BIOSCI 107H Molecular and (4)
Cellular Biology - Honors

BIOLSCI 2B Intro Biology: Ecology (5) BIOSCI 106 Organismal and (4)
& Evolution Environmental
Biology

BIOLSCI 2C Intro Biology: Biodiversity & the Tree of Life		BIOSCI 106 Organismal and Environmental Biology	(4)
CHEM 2A Genl Chemistry	(5)	CHEM 201 General Chemistry I OR	(6)
		CHEM 201H General Chemistry I - Honors	(6)
CHEM 2B Genl Chemistry	(5)	CHEM 201 & General Chemistry I CHEM 202 General Chemistry II	(6)
CHEM 2C Genl Chemistry	(5)	CHEM 202 General Chemistry II CHEM 202 General Chemistry II	(5) (5)
CHEM 8A Organic Chem-Brief	(2)	NO COMPARABLE COURSE	
CHEM 8B Organic Chem-Brief OR	(4)	NO COMPARABLE COURSE OR	
CHEM 118A Org Chem, Hlth & Sci	(4)	CHEM 255 Organic Chemistry I	(5)
CHEM 118B Org Chem, Hlth & Sci	(4)	CHEM 255 & Organic Chemistry I	(5)
CHEM 118C Org Chem, Hlth & Sci	(4)	CHEM 256 Organic Chemistry II CHEM 256 Organic Chemistry II	(5) (5)
Org Chem, hren & Scr			
MATH 17A Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has submitted course(s) for articulatio	
MATH 17B Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has	not
MATH 17C Calculus for BioSci	(4)	submitted course(s) for articulatio NO COURSE ARTICULATED: College has	not
OR		submitted course(s) for articulatio	'n
MATH 21A Calculus	(4)	MATH 211 Calculus I	(5)
MATH 21B Calculus	(4)	MATH 212 Calculus II	(5)
PHYSICS 7A General Physics	(4)	PHYSIC 110 & General Physics I	(4)
PHYSICS 7B General Physics	(4)	PHYSIC 111 General Physics II PHYSIC 110 & General Physics I	(4) (4)
		PHYSIC 111 General Physics II	(4)
PHYSICS 7C General Physics	(4)	PHYSIC 110 & General Physics I PHYSIC 111 General Physics II	(4) (4)
It is highly recommended that student their community college that is equiv series before transferring. Students series may be required to take additi Davis, and will need to meet with a U physics.	alen who onal C Da	mplete an entire physics series at t to the entire UC Davis Physics 7A/ transfer without completing an entir physics courses upon arrival at UC vis advisor before continuing with	B/C
MIC BIO 91 Intro Research	(1)	NO COURSE ARTICULATED	
_		NDED:	
MATH 21C Calculus	(4)	MATH 213 Calculus III	(5)

====Middle East/South Asia Studies A.B.====

Special Advising Note:

END OF MAJOR

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <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
UC Davis College Dean's Office or the Biology Academic Success Center for more
information.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ are also available from our TAG website.

HISTORY 6	Intro to Middle East	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HISTORY 8	Indian Civilization	(4)	NO COMPARABLE COURSE
TWO	YEARS (OR THE EQUIVALENT)	OF A	RABIC, HEBREW, OR HINDI/URDU:
ARABIC 1	Elementary Arabic	(5)	NO COURSE ARTICULATED: College has not
			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	(5)	NO COMPARABLE COURSE
HEBREW 2	Elem Hebrew	(5)	NO COMPARABLE COURSE
HEBREW 3	Elem Hebrew	(5)	NO COMPARABLE COURSE
HEBREW 21	Intermed Modern Hebrew I	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation

HEBREW 22 Intermed Modern Hebrew II (4) NO COURSE ARTICULATED: College has not

			submitted	course(s) for articulation
HEBREW 2	3 Intermed Modern Hebrew III	(4)	NO COURSE	ARTICULATED
	OR			OR
HIN-URD	l Elem Hindi/Urdu I	(5)	NO COURSE	ARTICULATED: College has not
			submitted	course(s) for articulation
HIN-URD	2 Elem Hindi/Urdu II	(5)	NO COURSE	ARTICULATED: College has not
			submitted	course(s) for articulation
HIN-URD	3 Elem Hindi/Urdu III	(5)	NO COURSE	ARTICULATED: College has not
			submitted	course(s) for articulation
HIN-URD	21 Intermed Hindi/Urdu I	(4)	NO COURSE	ARTICULATED: College has not
			submitted	course(s) for articulation
HIN-URD	22 Intermed Hindi/Urdu II	(4)	NO COURSE	ARTICULATED: College has not
			submitted	course(s) for articulation
HIN-URD	23 Intermed Hindi/Urdu III	(4)	NO COURSE	ARTICULATED: College has not
			submitted	course(s) for articulation

OTHER MIDDLE EAST/SOUTH ASIA STUDIES REGIONAL LANGUAGES ACCEPTED WITH PETITION. ______

ADDITIONAL ELECTIVES:

ARTHI 1E	Islamic Art &	(4)	NO COURSE ARTICULATED: College has not
	Architecture		submitted course(s) for articulation
CLASSIC 1	N East/Early Gr	(4)	NO COMPARABLE COURSE
COMPLIT 53B	Lit of South Asia	(4)	NO COMPARABLE COURSE
COMPLIT 53C	Lit of the Islamic	(4)	NO COURSE ARTICULATED: College has not
	World		submitted course(s) for articulation
REL STD 21	The Bible	(4)	NO COMPARABLE COURSE
REL STD 23	Intro Judaism	(4)	NO COMPARABLE COURSE
REL STD 60	Introduction to Islam	(4)	NO COMPARABLE COURSE
REL STD 65C	The Qur'an and Its	(4)	NO COURSE ARTICULATED: College has not
	Interpretation		submitted course(s) for articulation
REL STD 68	Hinduism	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
Or additiona	al lower-division courses	in a	Middle Eastern or South Asian language

END OF MAJOR

====Music A.B.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis transfer admission website. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Diagnostic Examination Note:

Students completing the program of courses below achieve a fundamental grounding in music theory, music history, and performance. Upon admission to UC Davis, students will demonstrate required proficiency through a diagnostic exam as part of their initial academic planning and advisement. Students will be scheduled for specific courses appropriate to their proficiency level.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See http://llc.ucdavis.edu/foreign-language-placement-exams and check with your

UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced 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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MUSIC 2A	Keyboard Competence	(2) NO COMPARABLE COURSE
MUSIC 2B	Keyboard Competence	(2) NO COMPARABLE COURSE
MUSIC 2C	Keyboard Competence	(2) NO COMPARABLE COURSE

STUDENTS MAY PASS OUT OF ONE OR MORE QUARTERS OF MUSIC 2A-C THROUGH EXAMINATION

MUSIC 6A	Elementary Theory	(3) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MUSIC 6B	Elementary Theory	(3) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MUSIC 6C	Elementary Theory	(3) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MUSIC 7A	Intermediate Theory	(3) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MUSIC 7B	Intermediate Theory	(3) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MUSIC 7C	Intermediate Theory	(3) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MUSIC 16A	Elem Musicianship	(2) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MUSIC 16B	Elem Musicianship	(2) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MUSIC 16C	Elem Musicianship	(2) NO COURSE ARTICULATED: College has not submitted course(s) for articulation

STUDENTS MAY PASS OUT OF ONE OR MORE QUARTERS OF MUSIC 16A-C THROUGH EXAMINATION

MUSIC 17A	Intermediate	(2) NO COURSE ARTICULATED: College has not
	Musicianship	submitted course(s) for articulation
MUSIC 17B	Intermediate	(2) NO COURSE ARTICULATED: College has not
	Musicianship	submitted course(s) for articulation
MUSIC 17C	Intermediate	(2) NO COURSE ARTICULATED: College has not
	Musicianship	submitted course(s) for articulation

STUDENTS MAY PASS OUT OF ONE OR MORE QUARTERS OF MUSIC 17A-C THROUGH EXAMINATION

MUSIC 24A	Intro Music History	(3) NO COMPARABLE COURSE
MUSIC 24B	Intro Music History	(3) NO COMPARABLE COURSE
MUSIC 24C	Intro Music History	(3) NO COMPARABLE COURSE

END OF MAJOR

====Native American Studies A.B.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis transfer admission website. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG 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.

AP and IB examination credit policies are detailed in the UC Davis 2018-19 $\frac{\text{General Catalog}}{\text{Catalog}}$. Quick reference charts for $\frac{\text{AP}}{\text{AP}}$ and $\frac{\text{IB}}{\text{IB}}$ are also available from our TAG website.						
N A STD 1	Intro NA Studies	(4) NO COMPARABLE COURSE				
N A STD 10	NA Experience OR	(4) NO COMPARABLE COURSE				
N A STD 12	Native Amer/Indigenous	(4) NO COURSE ARTICULATED: College has not				

ONE OR TWO COURSES FROM:

N A STD 5	Intro NA Literature	(4) NO COMPARABLE COURSE
N A STD 12	Native Amer/Indigenous	(4) NO COURSE ARTICULATED: College has not
	Film	submitted course(s)for articulation
N A STD 32	NA Music & Dance	(4) NO COMPARABLE COURSE
N A STD 33	Intro NA Art	(4) NO COMPARABLE COURSE
N A STD 34	NA Art Workshop	(4) NO COMPARABLE COURSE

Film | submitted course(s)for articulation

ONE OR TWO COURSES FROM:

AF-AMST 12 Intr	o Afro Studies	(4)	NO COMPARABLE COURSE
AF-AMST 52 Afr	Tradit Relig	(4)	NO COMPARABLE COURSE
ANTHRO 2 Cultura	l Anthropology	(5)	ANTHRO 103 Cultural (3)
			Anthropology
-		٠,	NO COMPARABLE COURSE
ANTHRO 24 Ancie	nt 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
	1	(4)	NO COMPARABLE COURSE
Ameri	04110		
		(4)	NO COURSE ARTICULATED: College has not
Studi			submitted course(s) for articulation
CHICANO 10 Intr	o to Chic Std	(4)	NO COMPARABLE COURSE
CHICANO 21 Hlth		٠,	NO COMPARABLE COURSE
~		(4)	NO COURSE ARTICULATED: College has not
Meth			submitted course(s) for articulation
		(4)	NO COMPARABLE COURSE
CM&RGDE 2 Ethni	city Amer Comm	(4)	NO COMPARABLE COURSE
ENV S&P 10 Curr	ent Issues in	(3)	NO COMPARABLE COURSE
	ronment		
			ents who have completed ENV S&P 1
HISTORY 7A Lati	n America to 1700	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
HISTORY 7B Lati	n America 1700-1900	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
HISTORY 7C Lati	n America	(4)	NO COURSE ARTICULATED: College has not
1900	-Present		submitted course(s) for articulation
HISTORY 17A U.S	. History	(4)	HIST 111 United States History (3)
			Ī
	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.

====Neurobiology, Physiology and Behavior B.S.====

Special Advising Note:

The following majors in the College of the Biological Sciences--biochemistry and molecular biology; biological sciences; cell biology; evolution, ecology, and biodiversity; genetics and genomics; marine and coastal science (marine ecology & organismal biology); microbiology; neurobiology, physiology, and behavior; and plant biology--are selective and require preparatory coursework for admission. Any required courses that are offered at your current campus must be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses are not offered at your college, you must complete them after enrolling at UC Davis.

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.50 for each of the three course groups. It is recommended that candidates have already achieved the minimum required GPAs for the courses in the groups below that have been completed by the time of application and maintain them through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

Mathematics 17A/B/C or 21A/B Chemistry 2A/B/C Biological Sciences 2A/B/C

It is also <u>strongly recommended</u> that transfer students complete courses comparable to the following UC Davis courses. Completion of these courses will help you move more efficiently toward graduation. Courses should be taken for a letter grade, with no grade less than C:

Organic Chemistry series cited on ASSIST for your major*
Physics 7A/B/C or the physics series cited on ASSIST
for your intended College of Biological Sciences major (especially useful for Neurobiology, Physiology and Behavior majors).

* Students planning for the major biochemistry and molecular biology should complete Organic Chemistry 118A/B/C rather than 8A/B. Students planning for the major marine and coastal science (marine ecology & organismal biology) should complete Organic Chemistry 8A/B; however, students may substitute Chemistry 118A/B/C.

Transfer students must also meet UC transfer admission requirements. UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. See the <u>UC Transfer</u>

<u>Admission webpage</u>. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ are also available from our TAG website.

				_
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSCI 107 Molecular and (4 Cellular Biology	.)
			OR BIOSCI 107H Molecular and (4 Cellular Biology - Honors	:)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	1	.)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSCI 106 Organismal and (4 Environmental Biology	<u>.</u>)
CHEM 2A	Genl Chemistry	(5)	CHEM 201 General Chemistry I (6	;)
			CHEM 201H General Chemistry I - (6	;)
CHEM 2B	Genl Chemistry	(5)	CHEM 201 & General Chemistry I (6	
CHEM 2C	Genl Chemistry	(5)	CHEM 202 General Chemistry II (5 CHEM 202 General Chemistry II (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	(4)	CHEM 255 Organic Chemistry I (5 CHEM 255 & Organic Chemistry I (5 CHEM 256 Organic Chemistry II (5	5)
CHEM 118C	Org Chem, Hlth & Sci	(4) 	CHEM 256 Organic Chemistry II (5	')
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has no submitted course(s) for articulation	t
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has no	ıτ
MATH 17C	Calculus for BioSci	(4)	submitted course(s) for articulation NO COURSE ARTICULATED: College has no submitted course(s) for articulation	ıτ
	OR		OR	
MATH 21A	Calculus	(4)	MATH 211 Calculus I (5	
MATH 21B	Calculus	(4)	MATH 212 Calculus II (5	5)

PHYSICS	7B	General	Physics	(4)	PHYSIC	110	&	General	Physics	I	(4)
					PHYSIC	111	_	General	Physics	II	(4)
PHYSICS	7C	General	Physics	(4)	PHYSIC	110	<u>&</u>	General	Physics	I	(4)
					PHYSIC	111		General	Physics	II	(4)

It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

END OF MAJOR

====Nutrition Science B.S.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is $\frac{\text{highly recommended}}{\text{highlighter}}$ that students complete a series in general chemistry and a series in organic chemistry before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <u>transfer admission website</u>. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

Intergramental Conoral Education Throughout County (ICETC) / IIC Davis Conoral

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College of Agricultural and Environmental Sciences (A&ES) General Education (GE) English Composition Requirement for the Bachelor's Degree:

The College of A&ES English Composition requirement for the Bachelor's degree is an element of the UC Davis General Education (GE) pattern. This GE requirement may be satisfied by completing either two courses emphasizing written expression OR one course emphasizing written expression and one course emphasizing oral expression, with a grade of C- (or P) or better. The following UC Davis lower-division courses are among those that have been approved to satisfy this requirement: English 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native

American Studies 5 (emphasis in either writing or speaking skills). The English Composition requirement may also be met by achieving a score of 4 or 5 on the Advanced Placement (AP) English examination PLUS completing any previously listed course, EXCEPT English 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC transfer students who have successfully completed the IGETC lower-division coursework are exempt from all GE requirements that may be met with lower-division courses. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer admission. See the UC Transfer Admission website. The courses used for the A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ are also available from our TAG website.

BIOLSCI 2A Intro Biology:Life on (5) BIOSCI 107 Molecular and (4) Earth Cellular Biology OR BIOSCI 107H Molecular and (4) Cellular Biology -Honors BIOLSCI 2B Intro Biology: Ecology (5) BIOSCI 106 Organismal and (4) & Evolution Environmental BIOLSCI 2C Intro Biology: (5) BIOSCI 106 Organismal and Environmental of Life Biology (4) (5) CHEM 201 General Chemistry I (6) CHEM 2A Genl Chemistry OR CHEM 201H General Chemistry I - (6)
Honors CHEM 2B Genl Chemistry (5) CHEM 201 & General Chemistry I (6)

CHEM 2C Genl Chemistry (5) CHEM 202 General Chemistry II (5)

CHEM 2C Genl Chemistry (5) CHEM 202 General Chemistry II (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 255 Organic Chemistry I (5)
CHEM 118B Org Chem, Hlth & Sci (4) CHEM 255 & Organic Chemistry I (5) CHEM 256 Organic Chemistry II (5)
OR OR CHEM 128A Organic Chemistry (3) CHEM 255 Organic Chemistry I (5)
CHEM 128B Organic Chemistry (3) CHEM 256 Organic Chemistry I (5)
CHEM 129A Organic Chem Lab (2) CHEM 255 Organic Chemistry I (5)

NUTR 10	Discoveries and Concepts	(3)	HLHSCI 150	Nutrition	(3)
PSYCH 41	Research Methods OR	(4)	 PSYCH 103 	Introduction to Behavioral Research OR	(3)
SOCIOL 46A	Intro Social Rsch	(4)	 NO COMPARAE	~=-	
The	remaining preparatory sub major option y	-		sed on which	
		_	LOGY OPTION:		
ANTHRO 2	Cultural Anthropology OR	(5)	ANTHRO 103 	Cultural Anthropology OR	(3)
PSYCH 1	General Psychology	(4)	PSYCH 101	Introduction to Psychology	(3)
	OR		<u>OR</u> PSYCH 101H 	Introduction to Psychology - Honors OR	(3)
SOCIOL 1		(5)	 SOCI 101 	Introduction to Sociology	(3)
SOCIOL 3	~	(4)	 SOCI 207		(3)
	Short Calculus	(3)	MATH 211	Calculus I	 (5) (5)
MATH 16A MATH 16B	Short Calculus	(3)	MATH 212	Calculus II	()
MATH 16B PHYSICS 1A	Short Calculus	(3)	 NO COMPARAE	BLE COURSE	
MATH 16B PHYSICS 1A	Short Calculus Principles Physics	(3)	NO COMPARAE	BLE COURSE BLE COURSE	
MATH 16B 	Short Calculus Principles Physics Principles Physics NUTRITION IN Cultural Anthropology	(3) (3)	NO COMPARAE NO COMPARAE	RLE COURSE BLE COURSE PTION: Cultural Anthropology	
MATH 16B PHYSICS 1A PHYSICS 1B	Short Calculus Principles Physics Principles Physics NUTRITION IN Cultural Anthropology OR Intro Sociology	(3) (3) (3) PUBL :	NO COMPARAE NO COMPARAE	PTION: Cultural Anthropology OR Introduction to Sociology	
MATH 16B	Principles Physics Principles Physics Principles Physics NUTRITION IN Cultural Anthropology OR Intro Sociology OR Social Problems	(3) (3) (3) PUBL : (5)	NO COMPARAE NO COMPARAE IC HEALTH OF ANTHRO 103 SOCI 101	PTION: Cultural Anthropology OR Introduction to Sociology OR Social Problems	(3)
MATH 16B	Short Calculus Principles Physics Principles Physics NUTRITION IN Cultural Anthropology OR Intro Sociology OR	(3) (3) (3) (5) (5) (5)	NO COMPARAE NO COMPARAE IC HEALTH OF ANTHRO 103 SOCI 101 SOCI 207	PTION: Cultural Anthropology OR Introduction to Sociology OR Social Problems Microeconomics	(3)
MATH 16B	Principles Physics Principles Physics Principles Physics NUTRITION IN Cultural Anthropology OR Intro Sociology OR Social Problems Princ of Microecon	(3) (3) (3) (5) (5) (5)	NO COMPARAE NO COMPARAE IC HEALTH OF ANTHRO 103 SOCI 101 SOCI 207 ECON 202 ECON 201 PSYCH 101	PTION: Cultural Anthropology OR Introduction to Sociology OR Social Problems Microeconomics Macroeconomics	(3) (3) (3) (3) (3)
PHYSICS 1B	Principles Physics Principles Physics Principles Physics NUTRITION IN Cultural Anthropology OR Intro Sociology OR Social Problems Princ of Microecon Princ of Macroecon	(3) (3) (3) (5) (5) (5)	NO COMPARAE NO COMPARAE IC HEALTH OF ANTHRO 103 SOCI 101 SOCI 207 ECON 202 ECON 201	PTION: Cultural Anthropology OR Introduction to Sociology OR Social Problems Microeconomics Macroeconomics Introduction to Psychology	(3) (3) (3) (3) (3) (3) (3)
MATH 16B	Principles Physics Principles Physics Principles Physics NUTRITION IN Cultural Anthropology OR Intro Sociology OR Social Problems Princ of Microecon Princ of Macroecon	(3) (3) (3) (5) (5) (5) (4) (4) (4)	NO COMPARAE NO COMPARAE NO COMPARAE IC HEALTH OF ANTHRO 103 SOCI 101 SOCI 207 ECON 202 ECON 201 PSYCH 101 DR PSYCH 101H	PTION: Cultural Anthropology OR Introduction to Sociology OR Social Problems Microeconomics Macroeconomics Introduction to Psychology Introduction to Psychology - Honors	(3) (3) (3) (3) (3) (3) (3) (3)
MATH 16B	Principles Physics Principles Physics NUTRITION IN Cultural Anthropology OR Intro Sociology OR Social Problems Princ of Microecon Princ of Macroecon General Psychology	(3) (3) (3) (5) (5) (4) (4) (4) (4)	NO COMPARAE NO COMPARAE NO COMPARAE IC HEALTH OF ANTHRO 103 SOCI 101 SOCI 207 ECON 202 ECON 201 PSYCH 101 OR PSYCH 101H HE NUTRITION	PTION: Cultural Anthropology OR Introduction to Sociology OR Social Problems Microeconomics Macroeconomics Introduction to Psychology Introduction to Psychology Introduction to Psychology - Honors IN PUBLIC HEALTH OPTIO	(3) (3) (3) (3) (3) (3) (3) (3)
MATH 16B	Principles Physics Principles Physics Principles Physics NUTRITION IN Cultural Anthropology OR Intro Sociology OR Social Problems Princ of Microecon Princ of Macroecon General Psychology IVISION ELECTIVES BY AREA Fal and Health Policy Area: Pop,Envr,World Agri iversity and Community Char	(3) (3) (3) (3) (5) (5) (5) (4) (4) (4) (4) (7) (4) (4) (4) (4)	NO COMPARAE NO COMPARAE NO COMPARAE IC HEALTH OF ANTHRO 103 SOCI 101 SOCI 207	PTION: Cultural Anthropology OR Introduction to Sociology OR Social Problems Microeconomics Macroeconomics Introduction to Psychology Introduction to Psychology Introduction to Psychology - Honors IN PUBLIC HEALTH OPTIO	(3) (3) (3) (3) (3) (3) (3) (3)

CM&RGDE 20 Food Systems (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation PHILOS 15 Intro to Bioethics (4) NO COMPARABLE COURSE

Intro to Bioethics (4) NO COMPARABLE COURSE Feeding the Planet (3) NO COMPARABLE COURSE

SCI&SOC 2 F
END OF MAJOR

====Pharmaceutical Chemistry B.S.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is $\frac{\text{highly recommended}}{\text{Preparing well for}}$ that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. See the UC Transfer Admission website for details. UC Davis requires that students complete the minimum transfer admission requirement by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Special Advising Note for future applicants:*

Beginning fall 2020, the major pharmaceutical chemistry will become selective and will require preparatory coursework for admission. Any required courses that are offered at your current campus will need to be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses will not be offered at your college, you must complete them after enrolling at UC Davis.

Transfer students must earn an overall GPA of 2.80 or higher to be competitive candidates for admission to this major (3.20 or higher for TAG applicants).

Strive to achieve your highest possible GPA in order to be most competitive. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 3.00 for the selective major course group. It is recommended that candidates have a cumulative GPA of at least 3.00 for the group of courses below that have been completed at the time of application and through the transfer academic update filing period. Whether planning for the general application or TAG process, courses must be taken for a letter grade, with no grade less than C. (Advanced Placement (AP) or International Baccaulaureate (IB) Higher Level examinations may satisfy UC course equivalents).

- -Chemistry 2A/B/C or Chemistry 2AH/BH/CH
- -Chemistry 118 A/B/C or Chemistry 128A/B/C, 129A/B/C
- -Mathematics 21A/B/C/D
- -Mathematics 16A/B/C or Mathematics 17A/B/C or Mathematics 21A/B/C

We strongly recommend that you complete courses comparable to the following UC Davis courses with C or better grades before matriculating to UC Davis. Completion of these courses will help you move more efficiently toward graduation:

- -Physics 7A/B/C or Physics 9A/B/C
- -Biological Sciences 2A
- -Biological Sciences 2B or 2C
- -Statistics 13 or 32
- *Information for future applicants is subject to change

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ are also available from our TAG website.

CHEM 2A	Genl Chemistry	(5)	CHEM 201 General Chemistry I (6) OR
			CHEM 201H General Chemistry I - (6) Honors
CHEM 2B	Genl Chemistry	(5)	CHEM 201 & General Chemistry I (6)
			CHEM 202 General Chemistry II (5)
CHEM 2C	Genl Chemistry	(5)	CHEM 202 General Chemistry II (5)
	OR		OR
CHEM 2AH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
CHEM 2BH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
CHEM 2CH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
PHYSICS 7A	General Physics	(4)	PHYSIC 110 & General Physics I (4)
	-		PHYSIC 111 General Physics II (4)
PHYSICS 7B	General Physics	(4)	PHYSIC 110 & General Physics I (4)
	_		PHYSIC 111 General Physics II (4)
PHYSICS 7C	General Physics	(4)	PHYSIC 110 & General Physics I (4)
			PHYSIC 111 General Physics II (4)

It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

1 1	OR					OR	
PHYSICS 9	A Classical	Physics (5)	PHYSIC	220	<u>&</u>	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC	221	<u>&</u>	Physics for Scientists and Engineers:	(4)

			 PHYSIC 222 	Electricity and Magnetism Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9B	Classical Physics	(5)	PHYSIC 220 & 	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221 & 	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222 	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9C	Classical Physics	(5)	PHYSIC 220 <u>&</u> 	-	(4)
			PHYSIC 221 <u>&</u> 	Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222 	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
 мати 16а	Short Calculus	(2)		 Calculus I	 /E)
MATH 16A MATH 16B			!		(5) (5)
MATH 16C	Short Calculus		!	Calculus II	(5)
111111 100	OR	(3)		OR	(3)
MATH 17A	Calculus for BioSci		submitted cou	CICULATED: College has arse(s) for articulation	on
MATH 17B	Calculus for Biosci	(4)	•	CICULATED: College has	
MATH 17C	Calculus for BioSci	(4)	NO COURSE ART	rse(s) for articulation CICULATED: College has Drse(s) for articulation	not
	OR			OR	
MATH 21A	Calculus			Calculus I	(5)
MATH 21B	Calculus		MATH 212 C		(5)
MATH 21C	Calculus	(4)	MATH 213 C	Calculus III	(5)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSCI 107 OR	Molecular and Cellular Biology	(4)
			<u>5K</u> BIOSCI 107H 	Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution OR	(5)	BIOSCI 106 	Organismal and Environmental Biology OR	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life		BIOSCI 106 	Organismal and Environmental Biology	(4)

STATIST 13 Same as:	Elementary Statistics STATIST 13Y	(4)	MATH 140 Introductory (4	4)
			Statistics - Honors	4)
	OR		<u>OR</u> PSYCH 104 Statistics for the () Behavioral Sciences OR	3)
STATIST 32		(4)	NO COMPARABLE COURSE	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 255 Organic Chemistry I (!	5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	·	5)
			!	5)
CHEM 118C	Org Chem, Hlth & Sci OR	(4)	CHEM 256 Organic Chemistry II (! OR	5)
CHEM 128A	Organic Chemistry	(3)	CHEM 255 Organic Chemistry I (5)
CHEM 128B	Organic Chemistry	(3)	CHEM 255 & Organic Chemistry I (!	5)
			CHEM 256 Organic Chemistry II (!	5)
CHEM 128C	Organic Chemistry	(3)	CHEM 256 Organic Chemistry II (!	5)
CHEM 129A	Organic Chem Lab	(2)		5)
CHEM 129B	Organic Chem Lab	(2)	CHEM 255 $\underline{\&}$ Organic Chemistry I (5)
				5)
CHEM 129C	Organic Chem Lab	(2)	CHEM 256 Organic Chemistry II (5)

END OF MAJOR

====Philosophy A.B.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis transfer admission website. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General
Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See http://llc.ucdavis.edu/foreign-language-placement-exams and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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.

GENERAL EMPHASIS:

PHILOS 12 Intro to Symbol Logic (4) PHILOS 230 Symbolic Logic (3)

AND ONE COURSE FROM ANY THREE OF THE FOLLOWING AREAS

a. GENERAL PHILOSOPHY

g)	PHILOS 1	Intro	to Philos	(4)	PHILOS	101	Introduction to Philosophy	(3)
					OR			
					PHILOS	111	History of Modern	(3)
					j		Philosophy	
					OR			
					PHILOS	112	History of	(3)
					j		Philosophy - 20th	
					j		Century Philosophy	

b. ANCIENT PHILOSOPHY

PHILOS 21 Phil Classics: Ancient (4) PHILOS 110 History of Ancient (3) Philosophy

c. <u>EARLY MODERN PHILOSOPHY</u>

PHILOS 22 Phil Classics: Modern (4) | PHILOS 111 History of Modern (3) Philosophy

d. PHILOSOPHY OF MIND

PHILOS 13G Minds, Brains Comp (4) NO COURSE ARTICULATED: College has not w/Disc submitted course(s) for articulation

e. ETHICS:

PHILOS 14	Eth Soc Prob in Soc	(4)	PHILOS 240	Contemporary Moral Problems	(3)
	OR	j		OR	
PHILOS 15	Intro to Bioethics	(4)	NO COMPARABLE	COURSE	
	OR	ĺ		OR	
PHILOS 24	Intro to Ethics	(4)	PHILOS 120	Introduction to	(3)
				Ethics	

f. PHILOSOPHY OF SCIENCE

PHILOS	30	Intro Philos of Sci OR	(4)	NO COMPARABLE	COURSE OR	
PHILOS	31	Scientific Reason OR	(4)	NO COMPARABLE	COURSE OR	
PHILOS	32	Scientific Change OR	(4)	NO COMPARABLE	_	
PHILOS	38	Intro Philos of Biol g. PHILOSO		NO COMPARABLE	COURSE	
PHILOS	17	Language, Thought & World PRE-: ONE COURSE FR	LAW	submitted cou EMPHASIS	ICULATED: College has rse(s) for articulati	
		0112 0001132 114				
PHILOS	14	Eth Soc Prob in Soc	(4)		Contemporary Moral Problems	(3)
PHILOS	15	Intro to Bioethics	(4)	1		
		Phil Foundations of Amer				not
1111100		Democ	(- /	submitted cou	rse(s)for articulatio	n
					rse(s)for articulatio	
		ALL OF THE F	OLLO	WING COURSES:		
PHILOS	5	Critical Reasoning			Critical Reasoning	(3)
PHILOS	12	Intro to Symbol Logic	(4)	PHILOS 230	Symbolic Logic	(3)
		Intro to Ethics				
				į		
				MPHASIS:		
		ONE COURSE FR	OM T	HE LOTTOMING:		
PHILOS	24	Intro to Ethics	(4)	!	Introduction to	(3)
PHILOS	30	Intro Philos of Sci	(4)			
PHILOS	31	Scientific Reason	(4)	NO COMPARABLE	COURSE	
PHILOS	32	Intro Philos of Sci Scientific Reason Scientific Change	(4)	NO COMPARABLE	COURSE	
			-	WING COURSES:		
		Intro to Symbol Logic				(3)
PHILOS	15	Intro to Bioethics	(4)	NO COMPARABLE	COURSE	
PHILOS	38	Intro Philos of Biol	(4)	NO COMPARABLE	COURSE	

END OF MAJOR

g) Students who complete PHILOS 111 at College of the Canyons will receive credit at UC Davis for PHILOS 1 or PHILOS 22 through the 16-17 academic year. As of fall 2017 they will receive credit for PHILOS 22.

====Physics A.B.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <u>transfer admission website</u>. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly

recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Special Advising Note for future applicants:*

Beginning fall 2020, the major physics will become selective and will require preparatory coursework for admission. Any required courses that are offered at your current campus will need to be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses will not be offered at your college, you must complete them after enrolling at UC Davis.

Transfer students must earn an overall GPA of 2.80 or higher to be competitive candidates for admission to this major (3.20 or higher for TAG applicants).

Strive to achieve your highest possible GPA in order to be most competitive. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 3.00 for the selective major course group. It is recommended that candidates have a cumulative GPA of at least 3.00 for the group of courses below that have been completed at the time of application and through the transfer academic update filing period. Whether planning for the general application or TAG process, courses must be taken for a letter grade, with no grade less than C. (Advanced Placement (AP) or International Baccaulaureate (IB) Higher Level examinations may satisfy UC course equivalents).

- -Physics 9A/B/C/D or Physics 9HA/HB/HC/HD/HE
- -Mathematics 21A/B/C/D
- -Mathematics 22A/B

*Information for future applicants is subject to change

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General
Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See http://llc.ucdavis.edu/foreign-language-placement-exams and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19

avallable	irom our TAG	website.					
PHYSICS 9	A Classical	Physics	(5)	 РНҮSIC 	! 220 <u>8</u>	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
				 PHYSIC 	! 221 <u>&</u>	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
				 PHYSIC 	222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9	B Classical	Physics	(5)	 PHYSIC 	! 220 <u>8</u>	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
				PHYSIC	! 221 <u>8</u>	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
				 PHYSIC 	222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9	C Classical	Physics	(5)	 PHYSIC 	! 220 <u>&</u>	Physics Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
				 PHYSIC 	! 221 <u>8</u>	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
				 PHYSIC 	222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9	D Modern Ph	ysics	(4)	NO COM	IPARABI	LE COURSE OR	
PHYSICS 9		hysics	(5)	I NO COM	IPARABI	LE COURSE	
PHYSICS 9				!		LE COURSE	
PHYSICS 9 PHYSICS 9				!		LE COURSE LE COURSE	
PHYSICS 9	HE Honors P	hysics				LE COURSE	
MATH 21A			(4)	 MATH 2	11	Calculus I	(5)
MATH 21B	Calculus		(4)	MATH 2	12	Calculus II	(5)
MATH 21C	Calculus	vaja	(4)	MATH 2 Matri 2	13	Calculus III	(5)
MATH 21D	Linear Alge	ysis hra	(4) (3)	МАІН 2 МАТН 2	14	Linear Algebra	(3)
MATH 22B	Vector Anal Linear Alge Differntl E	quations	(3)	MATH 2	15	Calculus III Calculus III Linear Algebra Differential Equations	(3)
	0 Experimenta						

====Physics B.S.====

Special Advising Note:

Transfer students are strongy advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is highy recommended that students complete a calculus-based physics series, a calculus series through linear algebra and differential equations, and a formal course in C programming before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree. As a result, students who expect to graduate in two years will need the recommended courses upon entry.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis transfer admission website. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Special Advising Note for future applicants:*

Beginning fall 2020, the major physics will become selective and will require preparatory coursework for admission. Any required courses that are offered at your current campus will need to be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses will not be offered at your college, you must complete them after enrolling at UC Davis.

Transfer students must earn an overall GPA of 2.80 or higher to be competitive candidates for admission to this major (3.20 or higher for TAG applicants).

Strive to achieve your highest possible GPA in order to be most competitive. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 3.00 for the selective major course group. It is recommended that candidates have a cumulative GPA of at least 3.00 for the group of courses below that have been completed at the time of application and through the transfer academic update filing period. Whether planning for the general application or TAG process, courses must be taken for a letter grade, with no grade less than C. (Advanced Placement (AP) or International Baccaulaureate (IB) Higher Level examinations may satisfy UC course equivalents).

- -Physics 9A/B/C/D or Physics 9HA/HB/HC/HD/HE
- -Mathematics 21A/B/C/D
- -Mathematics 22A/B

*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.

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.

avaliabi	re rroi	Would ad website.						
PHYSICS	9A	Classical Physics	(5)	PHYSIC 	220	<u>&</u>	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
				PHYSIC	221	<u>&</u>	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
				PHYSIC	222		Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS	9B	Classical Physics	(5)	PHYSIC 	220	<u>&</u>	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
				PHYSIC	221	<u>&</u>	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
				PHYSIC	222			(4)
PHYSICS	9C	Classical Physics	(5)	PHYSIC	220	<u>&</u>	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
				PHYSIC	221	<u>&</u>	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
				PHYSIC 	222		Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS	9D	Modern Physics OR	(4)	NO COMI	PARAE	3LE		
PHYSICS	9на	Honors Physics	(5)	NO COM	PARAE	BLE	COURSE	
PHYSICS		Honors Physics		NO COM				
PHYSICS		Honors Physics		NO COMI				
PHYSICS	9HD	Honors Physics	(5)	NO COM	PARAE	3LE	COURSE	
PHYSICS	9HE	Honors Physics	(5)	NO COM	PARAE	3LE	COURSE	

MATH 21A	Calculus	(4) MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4) MATH 212	Calculus II	(5)
MATH 21C	Calculus	(4) MATH 213	Calculus III	(5)
MATH 21D	Vector Analysis	(4) MATH 213	Calculus III	(5)
MATH 22A	Linear Algebra	(3) MATH 214	Linear Algebra	(3)
MATH 22B	Differntl Equations	(3) MATH 215	Differential Equation	s (3)
PHYSICS 40	Intr Physics Computation	(4) NO COURSE		
PHYSICS 80	Experimental Techniques	(4) NO COURSE	ARTICULATED	

ASTROPHYSICS EMPHASIS

Preparatory subject matter for the B.S. Astrophyics Emphasis is the same as that listed above. In addition, the following course is RECOMMENDED but not required:

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 UC Transfer Admission webpage. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Special Note for Transfer Students Considering an A.B. Degree in this Major:

Applicants to majors in the College of Biological Sciences apply to the major, without reference to A.B. or B.S. degrees, which are chosen after enrollment at UC Davis. All majors currently offered in the College of Biological Sciences are selective for purposes of admission; therefore, in order to be considered for admission in this selective major, transfer students who plan to pursue the A.B. degree MUST also complete Chemistry 2C and additional courses in math. At a minimum, for admission students MUST complete courses comparable to UC Davis's Biological Sciences 2A/B/C; Mathematics 17A/B/C or 21A/B; and Chemistry 2A/B/C. See the B.S. degree in this major for additional course articulation information.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See http://llc.ucdavis.edu/foreign-language-placement-exams and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSCI 107 OR	Molecular and Cellular Biology	(4)
			BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106 	Organismal and Environmental Biology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSCI 106 	Organismal and Environmental Biology	(4)
CHEM 2A	Genl Chemistry	(5)	CHEM 201 <u>OR</u> CHEM 201H	<u> -</u>	(6)
CHEM 2B	Genl Chemistry		CHEM 202	Honors General Chemistry I General Chemistry II	(6) (5)
CHEM 8A CHEM 8B	Organic Chem-Brief Organic Chem-Brief		NO COMPARAB:		
STATIST 13 Same as	2	(4)	MATH 140 OR	Introductory Statistics	(4)
			MATH 140H	Introductory Statistics - Honors	(4)
			<u>OR</u> PSYCH 104 	Statistics for the Behavioral Sciences	(3)

RECOMMENDED COURSES:

CHEM 2C	Genl Chemistry	(5) CHEM 202	General Chemistry II (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 or 21A/B Chemistry 2A/B/C Biological Sciences 2A/B/C

It is also <u>strongly recommended</u> that transfer students complete courses comparable to the following UC Davis courses. Completion of these courses will help you move more efficiently toward graduation. Courses should be taken for a letter grade, with no grade less than C:

Organic Chemistry series cited on ASSIST for your major*
Physics 7A/B/C or the physics series cited on ASSIST
for your intended College of Biological Sciences major (especially useful for Neurobiology, Physiology and Behavior majors).

* Students planning for the major biochemistry and molecular biology should complete Organic Chemistry 118A/B/C rather than 8A/B. Students planning for the major marine and coastal science (marine ecology & organismal biology) should complete Organic Chemistry 8A/B; however, students may substitute Chemistry 118A/B/C.

Transfer students must also meet UC transfer admission requirements. UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. See the <u>UC Transfer Admission webpage</u>. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ are also available from our TAG website.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit $\frac{\text{http://tag.ucdavis.edu}}{\text{http://tag.ucdavis.edu}} \text{ for details regarding UC Davis TAG.}$

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

AP and IB examination credit policies are detailed in the UC Davis 2018-19 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ are also available from our TAG website.

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSCI 107 Molecular and (4) Cellular Biology
			OR
			BIOSCI 107H Molecular and (4) Cellular Biology - Honors
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106 Organismal and (4) Environmental Biology
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life		BIOSCI 106 Organismal and (4) Environmental Biology
CHEM 2A	Genl Chemistry	(5)	CHEM 201 General Chemistry I (6)
			CHEM 201H General Chemistry I - (6) Honors
CHEM 2B	Genl Chemistry	(5)	CHEM 201 & General Chemistry I (6) CHEM 202 General Chemistry II (5) CHEM 202 General Chemistry II (5)
CHEM 2C	Genl Chemistry	(5)	CHEM 202 General Chemistry II (5)
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE
CHEM 8B	Organic Chem-Brief OR		NO COMPARABLE COURSE OR
CHEM 118A	Org Chem, Hlth & Sci		CHEM 255 Organic Chemistry I (5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 255 & Organic Chemistry I (5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 256 Organic Chemistry II (5) CHEM 256 Organic Chemistry II (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
MATH 17C	Calculus for BioSci	(1)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not
MAIN 17C	Calculus for Bloser	(+)	submitted course(s) for articulation
	OR		OR
MATH 21A	Calculus	(4)	MATH 211 Calculus I (5)
MATH 21B	Calculus		MATH 212 Calculus II (5)
PHYSICS 7A	General Physics		PHYSIC 110 & General Physics I (4)
PHYSICS 7B	General Physics	(1)	PHYSIC 111 General Physics II (4) PHYSIC 110 & General Physics I (4)
TIIIDICO /D	General Enlanca	(=)	PHYSIC 110 <u>a</u> General Physics I (4) PHYSIC 111 General Physics II (4)
PHYSICS 7C	General Physics	(4)	PHYSIC 110 & General Physics I (4)
Tt is highl	v recommended that students	ב כסי	PHYSIC 111 General Physics II (4)

It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

RECOMMENDED COURSES:

BIOLSCI 20Q	Modeling in Biology	(2)	NO COURSE	ARTICULATED: Col	lege has not
			submitted	course(s) for ar	ticulation
MATH 21C	Calculus	(4)	MATH 213	Calculus III	(5)

END OF MAJOR

====Plant Sciences B.S.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is $\frac{\text{highly recommended}}{\text{preparing well for}}$ that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. See the UC Transfer Admission website for details. UC Davis requires that students complete the minimum transfer admission requirement by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College of Agricultural and Environmental Sciences (A&ES) General Education (GE) English Composition Requirement for the Bachelor's Degree:

The College of A&ES English Composition requirement for the Bachelor's degree is an element of the UC Davis General Education (GE) pattern. This GE requirement may be satisfied by completing either two courses emphasizing written expression OR one course emphasizing written expression and one course emphasizing oral expression, with a grade of C- (or P) or better. The following UC Davis lower-division courses are among those that have been approved to satisfy this requirement: English 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (emphasis in either writing or speaking skills). The English Composition requirement may also be met by achieving a score of 4 or 5 on the Advanced Placement (AP) English examination PLUS completing any previously listed course, EXCEPT English 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC transfer students who have successfully completed the IGETC lower-division coursework are exempt from all GE requirements that may be met with

lower-division courses. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer admission. See the UC Transfer Admission website. The courses used for the A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19

AP and IB examination credit policies are detailed in the UC Davis 2018-19 General Catalog. Quick reference charts for AP and B are also available from our TAG website.

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSCI 107 Molecular and (4) Cellular Biology
			OR BIOSCI 107H Molecular and (4) Cellular Biology - Honors
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	I e
PL SCI 2	Bot Physio Cul Plt	(4)	NO COMPARABLE COURSE
CHEM 2A	Genl Chemistry	(5)	CHEM 201 General Chemistry I (6)
			CHEM 201H General Chemistry I - (6) Honors
CHEM 2B	Genl Chemistry	(5)	CHEM 201 & General Chemistry I (6)
CHEM 2C	Genl Chemistry	(5)	CHEM 202 General Chemistry II (5) CHEM 202 General Chemistry II (5)
CHEM 8A	Organic Chem-Brief		NO COMPARABLE COURSE
CHEM 8B	Organic Chem-Brief OR	(4)	NO COMPARABLE COURSE OR
CHEM 118A	Org Chem, Hlth & Sci		CHEM 255 Organic Chemistry I (5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 255 & Organic Chemistry I (5) CHEM 256 Organic Chemistry II (5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 256 Organic Chemistry II (5)
MATH 16A	Short Calculus	(3)	MATH 211 Calculus I (5)
MATH 16B	Short Calculus OR	(3)	MATH 212 Calculus II (5) OR
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not
MATH 17B	Calculus for Biosci	(4)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not
		. ,	submitted course(s) for articulation
PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE
PHYSICS 1B	Principles Physics OR	(3)	NO COMPARABLE COURSE OR
PHYSICS 7A	*==	(4)	PHYSIC 110 & General Physics I (4) PHYSIC 111 General Physics II (4)

PHYSICS	7в	General	Physics	(4)	PHYSIC	110	&	General	Physics	I	(4)
					PHYSIC	111		General	Physics	II	(4)
PHYSICS	7C	General	Physics	(4)	PHYSIC	110	&	General	Physics	I	(4)
					PHYSIC	111		General	Physics	ΙΙ	(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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ABIOSYT 49	Fld Equip Oper	(2)	NO COMPARABLE COURSE
	OR		OR
PL SCI 49	Org Crop Prod Prac	(3)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
			·
	COURSES FOR THE	CROP	PRODUCTION OPTION:
ECON 1A	Princ of Microecon	(4)	ECON 202 Microeconomics (3)
	OR		OR
AGRESEC 15	Pop,Envr,World Agri	(4)	NO COMPARABLE COURSE
AGRESEC 15	Pop,Envr,World Agri	(4)	NO COMPARABLE COURSE

END OF MAJOR

====Political Science - Public Service A.B.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis transfer admission website. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a

college graduation requirement in a foreign language. See http://llc.ucdavis.edu/foreign-language-placement-exams and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ are also available from our TAG website.

POL SCI 1	Amer Natl	Govt	(4)	POLISC	150	Introduction to American Government and Politics	(3)
		THREE COURSES	FROM	THE FOI	LLOWING	:	
POL SCI 2	Intro Com	p Politics	(4)	POLISC	250	Comparative Government and	(3)

101	501	_	There comp relates	(- /		Government and Politics	(3)
POL	SCI	3	Internatl Relations	(4)	POLISC 270	International Relations	(3)
POL POL	SCI	5	Bas Cnpt/Pol Thry Probs/Am Pol Sys Law & Politics	(4)	POLISC 230 NO COMPARABLE NO COMPARABLE		(3)
POL	SCI	51	Scientific Study of Politics	(4)	1	CULATED: College has cse(s) for articulation	

ONE COURSE FROM THE FOLLOWING:

POL SCI 12Y Data Visualization (4) NO COURSE ARTICULATED: College has not Same as: COMUNCN 12Y, PSYCH 12Y submitted course(s) for articulation

| Behavioral Sciences
STATIST 32 Gateway to Data Science (4) | NO COMPARABLE COURSE

END OF MAJOR

====Political Science A.B.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis transfer admission website. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See http://llc.ucdavis.edu/foreign-language-placement-exams and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ are also available from our TAG website.

		THREE COURSES E	ROM THE FOLLOWING:		
POL SCI	1	Amer Natl Govt	(4) POLISC 150	Introduction to	(3)
				American Government and Politics	
POL SCI	2	Intro Comp Politics	(4) POLISC 250	Comparative	(3)
				Government and	
				Politics	
POL SCI	3	Internatl Relations	(4) POLISC 270	International	(3)
				Relations	
POL SCI	4	Bas Cnpt/Pol Thry	(4) POLISC 230	Political Theory	(3)
		ONE COURSE	FROM THE FOLLOWING:		

Note: Courses listed twice may be used only once for major preparation

POL	SCI	1	Amer Natl Govt	(4)	POLISC 150 	Introduction to American Government and Politics	(3)
POL	SCI	2	Intro Comp Politics	(4)	POLISC 250 	Comparative Government and Politics	(3)
POL	SCI	3	Internatl Relations	(4)	POLISC 270	International Relations	(3)
POL	SCI	4	Bas Cnpt/Pol Thry	(4)	POLISC 230	Political Theory	(3)
POL	SCI	5	Probs/Am Pol Sys	(4)	NO COMPARA	BLE COURSE	
POL	SCI	7	Law & Politics	(4)	NO COMPARA	BLE COURSE	
POL	SCI	11A	America Decides	(4)	NO COURSE	ARTICULATED: College has	not
					submitted	course(s) for articulation	n
POL	SCI	11B	Citizen Lawmaking	(4)	NO COURSE	ARTICULATED: College has	not
					submitted	course(s) for articulation	n
POL	SCI	11C	Politics & Film	(4)	NO COURSE	ARTICULATED: College has	not
					submitted	course(s) for articulation	n

POL SCI 11D	Political Persuasion	(4)	!	ARTICULATED: course(s)for	_	
POL SCI 12A	Politics & Sports	(4)	NO COURSE	ARTICULATED:	College 1	nas not
POL SCI 12B	Climate Chg & Politics	(4)		course(s)for	articula	LION
POL SCI 51	Scientific Study of Politics	(4)	!	ARTICULATED: course(s) for	_	
Same as:	Data Visualization COMUNCN 12Y, PSYCH 12Y s					nas not
500	100 121					
500	OR		 	OR		
	· · · ·	(4)	 MATH 140	_	ory	(4)
STATIST 13	OR	(4)	 MATH 140 	_	-	(4)
STATIST 13	OR Elementary Statistics	(4)	 MATH 140 OR	Introducto	-	(4)
STATIST 13	OR Elementary Statistics	(4)		Introducto Statistics	5	(4)
STATIST 13	OR Elementary Statistics	(4)	OR	Introducto Statistics	ory	(4)
STATIST 13	OR Elementary Statistics	(4)	 <u>OR</u> MATH 140H 	Introducto Statistics Introducto	ory	(4)
STATIST 13	OR Elementary Statistics	(4)	OR	Introducto Statistics Introducto Statistics	ory s - Honor:	(4)
STATIST 13	OR Elementary Statistics	(4)	<u>OR</u> MATH 140H <u>OR</u>	Introducto Statistics Introducto Statistics	ory s - Honors	(4)
STATIST 13	OR Elementary Statistics	(4)	<u>OR</u> MATH 140H <u>OR</u>	Introducto Statistics Introducto Statistics Statistics	ory s - Honors	(4)
STATIST 13 Same as:	OR Elementary Statistics STATIST 13Y		OR MATH 140H OR PSYCH 104	Introductor Statistics Introductor Statistics Statistics Behavioral	ory s - Honors	(4)

====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:

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Psychology 1;
Statistics 13;
One of these two options:
Biological Sciences 2A,

or

*Biological Sciences 10 and one course from:
Anthropology 1 or
Molecular and Cellular Biology 10 or
Neurobiology, Physiology and Behavior 10
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Applicants to psychology apply to the major, without reference to A.B. or B.S. degrees or emphases, which are chosen after enrollment at UC Davis. Transfer students are advised that although <u>requirements for admission</u> (listed above) in the psychology major are the same for the A.B. and B.S. degree options,

lower-division preparation for graduation in the major may vary based on the degree and emphasis. Students are encouraged to view coursework for the A.B. degree and the B.S. degree with available biological and quantitative emphases.

Although not required for admission selection to the psychology major, it is highly recommended that students planning for a B.S. degree in psychology complete courses comparable to the UC Davis chemistry courses that apply to the student's degree and emphasis before enrolling at UC Davis.

*Students planning for a B.S. degree in psychology with biological emphasis are encouraged to complete Biological Sciences 2A rather than Biological Sciences 10. Also, although only one biological sciences course is required for admission, students interested in pursuing a B.S. degree with biological emphasis are encouraged to complete the recommended courses shown on ASSIST.

Transfer students must also meet UC transfer admission requirements. For details, see the UC Davis transfer admission website. UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation.

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Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See http://llc.ucdavis.edu/foreign-language-placement-exams and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 General Catalog . Quick reference charts for AP and IB are also available from our TAG website.

PSYCH 1	General Psychology	(4)	PSYCH 101	Introduction to Psychology	(3)
			OR PSYCH 101H	Introduction to	(3)
PSYCH 41	Research Methods	(4)	 PSYCH 103 	Psychology - Honors Introduction to Behavioral Research	(3)
STATIST 13 Same as:	Elementary Statistics STATIST 13Y	(4)	MATH 140 OR	Introductory Statistics	(4)
			MATH 140H OR	Introductory Statistics - Honors	(4)
			<u>OR</u> PSYCH 104 	Statistics for the Behavioral Sciences	(3)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)		Molecular and Cellular Biology	(4)
			<u>OR</u> BIOSCI 107H 	Molecular and Cellular Biology - Honors	(4)
	OR A COME	SINAT	ION OF		
BIOLSCI 10	Everyday Biology	(4)	BIOSCI 100	General Biology	(4)
			<u>OR</u> BIOSCI 100H 	General Biology - Honors	(4)
	AND ONE C	OURS	E FROM		
ANTHRO 1	Human Evol Biol	(4)	ANTHRO 101	Physical Anthropology	(3)
	OR		<u>OR</u> ANTHRO 101H 	Physical Anthropology - Honors OR	(3)
MOL&CB 10	Intro Human Heredity OR	(4)	 BIOSCI 140 	Principles of Human Genetics OR	(3)
NE PH B 10	Elem Human Physio	(3)	 BIOSCI 204 OR	Human Anatomy and Physiology I	(4)
END OF W170	.p.		<u>OR</u> BIOSCI 205 	Human Anatomy and Physiology II	(4)

END OF MAJOR

====Psychology B.S. (Biological)====

Special Advising Note:

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

This major is selective and requires preparatory coursework for admission. Any required courses that are offered at your current campus must be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses are not offered at your college, you must complete them after enrolling at UC Davis.

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.90 for the course group. It is recommended that candidates have a cumulative GPA of at least 2.90 for courses in the group below that have been completed by the time of application and maintain the GPA through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

Psychology 1;
Statistics 13;
One of these two options:
Biological Sciences 2A,

or
*Biological Sciences 10 and one course from:
Anthropology 1 or
Molecular and Cellular Biology 10 or
Neurobiology, Physiology and Behavior 10

Applicants to psychology apply to the major, without reference to A.B. or B.S. degrees or emphases, which are chosen after enrollment at UC Davis. Transfer students are advised that although <u>requirements for admission</u> (listed above) in the psychology major are the same for the A.B. and B.S. degree options, lower-division <u>preparation for graduation</u> in the major may vary based on the degree and emphasis. Students are encouraged to view coursework for the A.B. degree and the B.S. degree with available biological and quantitative emphases.

Although not required for admission selection to the psychology major, it is highly recommended that students planning for a B.S. degree in psychology complete courses comparable to the UC Davis chemistry courses that apply to the student's degree and emphasis before enrolling at UC Davis.

*Students planning for a B.S. degree in psychology with biological emphasis are encouraged to complete Biological Sciences 2A rather than Biological Sciences 10. Also, although only one biological sciences course is required for admission, students interested in pursuing a B.S. degree with biological emphasis are encouraged to complete the recommended courses shown on ASSIST.

Transfer students must also meet UC transfer admission requirements. For details, see the UC Davis transfer admission website. UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General
Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ are also available from our TAG website.

PSYCH 1	General Psychology	(4)	Psychology
			OR PSYCH 101H Introduction to (3) Psychology - Honors
PSYCH 41	Research Methods	(4)	Psychology - Hohors PSYCH 103
	Elementary Statistics STATIST 13Y	(4)	MATH 140 Introductory (4) Statistics OR
			MATH 140H Introductory (4) Statistics - Honors
			OR PSYCH 104 Statistics for the (3) Behavioral Sciences
MATH 16A MATH 16B	Short Calculus Short Calculus		MATH 211
111111 102	OR	(3)	OR
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	OR		OR
MATH 21A			MATH 211 Calculus I (5)
MATH 21B	Calculus	(4)	MATH 212
PHYSICS 10	Topics, Nonscientists OR	(4)	
PHYSICS 10C	Physics of California	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	OR		OR
PHYSICS 7A	General Physics	(4)	PHYSIC 110 & General Physics I (4)
DIMIGIAG CD	Conservation Discovering	(1)	PHYSIC 111 General Physics II (4)
PHYSICS 7B	General Physics	(4)	PHYSIC 110 & General Physics I (4) PHYSIC 111 General Physics II (4)
			mplete an entire physics series at

It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

	Earth		Cellular Biology OR
			BIOSCI 107H Molecular and (4) Cellular Biology - Honors
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106 Organismal and (4) Environmental Biology
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life		
CHEM 2A	Genl Chemistry	(5)	CHEM 201 General Chemistry I (6)
			CHEM 201H General Chemistry I - (6) Honors
CHEM 2B	Genl Chemistry	(5)	CHEM 201 & General Chemistry I (6) CHEM 202 General Chemistry II (5)
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE
CHEM 8B	Organic Chem-Brief OR	(4)	NO COMPARABLE COURSE OR
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 255 Organic Chemistry I (5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 255 & Organic Chemistry I (5)
			CHEM 256 Organic Chemistry II (5)
	OR		OR
CHEM 128A	Organic Chemistry	, ,	CHEM 255 Organic Chemistry I (5)
CHEM 128B	Organic Chemistry	(3)	CHEM 255 & Organic Chemistry I (5) CHEM 256 Organic Chemistry II (5)

END OF MAJOR

====Psychology B.S. (Quantitative)====

Special Advising Note:

REQUIREMENTS FOR ADMISSION:

(for 2018-19)

This major is selective and requires preparatory coursework for admission. Any required courses that are offered at your current campus must be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses are not offered at your college, you must complete them after enrolling at UC Davis.

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.90 for the course group. It is recommended that candidates have a cumulative GPA of at least 2.90 for courses in the group below that have been completed by the time of application and maintain the GPA through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

```
Psychology 1;
Statistics 13;
One of these two options:
Biological Sciences 2A

or
Biological Sciences 10 and one course from:
Anthropology 1 or
Molecular and Cellular Biology 10 or
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Applicants to psychology apply to the major without reference to A.B. or B.S. degrees or emphases, which are chosen after enrollment at UC Davis. Transfer students are advised that although requirements for admission (listed above) in the psychology major are the same for the A.B. and B.S. degree options, lower-division preparation for graduation in the major may vary based on the degree and emphasis. Students are encouraged to view coursework for the A.B. degree and the B.S. degree with available biological and quantitative emphases.

Although not required for admission selection to the psychology major, it is highly recommended that students planning for a B.S. degree in psychology complete courses comparable to the UC Davis chemistry courses that apply to the student's degree and emphasis before enrolling at UC Davis.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis transfer admission website. UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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 Discount (AD) and Intermediated Description (ID) Exemination Natura

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ are also available from our TAG website.

(3)
(3)
(3)
(4)

Same as:	STATIST 13Y				Statistics	
			<u>OR</u> MATH 14 OR		Introductory Statistics - Honors	(4)
			PSYCH 1		Statistics for the Behavioral Sciences	/
MATH 21A	Calculus	(4)	MATH 21	.1 C	alculus I	(5)
MATH 21B	Calculus	(4)	MATH 21	.2 C	alculus II	(5)
MATH 21C	Calculus	(4)	MATH 21	.3 C	alculus III	(5)
	Programming ENG CS 30	(4)	 CMPSCI 	111	Introduction to Computer Algorithm and Programming/JA	
			OR			
			CMPSCI	235	C Programming	(3)
	OR				OR	
ENG CS 32A	<pre>Intro to Programming(4)</pre>		NO COMP	ARABLE	COURSE	
Formerly	ENG CS 10					

Please note that the community college's computer science courses may not be identical to UC Davis courses. Community college students, upon transfer to UC Davis, may need to make up any topic or language deficiencies.

CHEM 10	Concept of Chem OR	(4)	NO COMPARABLE COURSE OR
CHEM 2A	Genl Chemistry	(5)	CHEM 201 General Chemistry I (6) OR
			CHEM 201H General Chemistry I - (6) Honors
CHEM 2B	Genl Chemistry	(5)	CHEM 201 & General Chemistry I (6) CHEM 202 General Chemistry II (5)
	OR		OR
CHEM 2AH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHEM 2BH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PHYSICS 10	± '	(4)	NO COMPARABLE COURSE
	OR		OR
PHYSICS 10C	Physics of California	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	OR		OR
PHYSICS 7A	General Physics	(4)	PHYSIC 110 & General Physics I (4) PHYSIC 111 General Physics II (4)
PHYSICS 7B	General Physics	(4)	PHYSIC 110 & General Physics I (4) PHYSIC 111 General Physics II (4)
their commun series before series may be	nity college that is equivare re transferring. Students to be required to take addition	alent who tonal	mplete an entire physics series at to the entire UC Davis Physics 7A/B/C transfer without completing an entire physics courses upon arrival at UC vis advisor before continuing with
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSCI 107 Molecular and (4) Cellular Biology
	EGT CII		OR
			BIOSCI 107H Molecular and (4) Cellular Biology -

Honors

OR A COMBINATION OF

BIOLSCI 10	Everyday	Biology	(4)	!		General Biology	7 (4))
				<u>OI</u> BIOSCI 	_	General Biology Honors	7 - (4))
		AND ONE	COURSI	E FROM				
ANTHRO 1	Human Evol	Biol	(4)	ANTHRO		Physical Anthropology	(3))
	-			ANTHRO		Physical Anthropology - Honors	(3))
MOL&CB 10	OR Intro Huma	an Heredity	(4)	 BIOSCI 	140	OR Principles of Hu Genetics OR	ıman (3))
NE PH B 10	Elem Huma	an Physio	(3)	BIOSCI	204	Human Anatomy ar Physiology I	nd (4))
				<u>OR</u> BIOSCI 	205	Human Anatomy ar Physiology II	nd (4))

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 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 $\frac{\text{http://tag.ucdavis.edu}}{\text{http://tag.ucdavis.edu}} \text{ for details regarding UC Davis TAG.}$

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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:

REL STD 69 Intro Hindu Mythology

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See http://llc.ucdavis.edu/foreign-language-placement-exams and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ are also available from our TAG website.

ONE COURSE FROM THE FOLLOWING:

REL	STD	1	Survey of Religion	(4)	PHILOS 220 Introduction to (3)
					Comparative Religion
REL	STD	1A	Pilgrimage		NO COMPARABLE COURSE
REL	STD	1B	Death and Afterlife	(4)	NO COMPARABLE COURSE
REL	STD	1C	Sacrifice	(4)	NO COMPARABLE COURSE
REL	STD	1D	Conversion	(4)	NO COURSE ARTICULATED: College has not
					submitted course(s) for articulation
REL	STD	1E	Fundamentalism	(4)	NO COURSE ARTICULATED: College has not
					submitted course(s) for articulation
REL	STD	1F	Religion Today	(4)	NO COURSE ARTICULATED: College has not
					submitted course(s) for articulation
REL	STD	1G	Myth Ritual Symbol	(4)	NO COMPARABLE COURSE
REL	STD	1H	Sex, Marriage, Divorce	(4)	NO COURSE ARTICULATED: College has not
					submitted course(s)for articulation
REL	STD	1J	Music, Voice, Word	(4)	NO COURSE ARTICULATED: College has not
					submitted course(s)for articulation
					·
			FOUR COURSES FI	ROM !	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)	NO COURSE ARTICULATED: College has not
			Issues		submitted course(s) for articulation
REL	STD	10A	Contemporary Ethical	(2)	NO COURSE ARTICULATED: College has not
			Issues		submitted course(s) for articulation
REL	STD	11	Ethical Eating	(4)	NO COURSE ARTICULATED: College has not
					submitted course(s) for articulation
REL	STD	12	Emergence Abrahamic	(4)	NO COURSE ARTICULATED:College has not
			Religions		submitted course(s) for articulation
REL	STD	21	The Bible	(4)	NO COMPARABLE COURSE
REL	STD	23	Intro Judaism	(4)	NO COMPARABLE COURSE
REL	STD	30	South Asian Religions	(4)	NO COURSE ARTICULATED: College has not
					submitted course(s) for articulation
REL	STD	40	New Testament	(4)	NO COMPARABLE COURSE
REL	STD	42	Religion and Sci	(4)	NO COURSE ARTICULATED: College has not
			Fiction		submitted course(s) for articulation
REL	STD	45	Christianity	(4)	NO COURSE ARTICULATED: College has not
					submitted course(s) for articulation
REL	STD	60	Introduction to Islam	(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)	submitted course(s)for articulation NO COURSE ARTICULATED: College has not

submitted course(s) for articulation

(4) NO COURSE ARTICULATED: College has not

			submitted course(s)for articulation
REL STD 70	Religion and Language	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
REL STD 75	Introduction to Chinese	(4)	NO COMPARABLE COURSE
	Philosophy		
REL STD 80	Religion, Gender, Sex	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation

A reading knowledge of a foreign 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 transfer admission website. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See http://llc.ucdavis.edu/foreign-language-placement-exams and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ are also available from our TAG website.

college level should consult with an advisor in the Russian Department at UC Davis before continuing on with the Russian series.

RUSSIAN 1	Elementary Russian	(5) N	COMPARABLE	COURSE
RUSSIAN 2	Elementary Russian	(5) No	COMPARABLE	COURSE
RUSSIAN 3	Elementary Russian	(5) N	COMPARABLE	COURSE
RUSSIAN 4	Intermed Russian	(4) N	COMPARABLE	COURSE
RUSSIAN 5	Intermed Russian	(4) N	COMPARABLE	COURSE
RUSSIAN 6	Intermed Russian	(4) N	COMPARABLE	COURSE
END OF MAJOR				

====Science & Technology Studies A.B.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis transfer admission website. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

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College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See http://llc.ucdavis.edu/foreign-language-placement-exams and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

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8 QUARTER UNITS FROM THE FOLLOWING:

AMR STD 1A	Science and American Culture	(4)	NO COMPARABLE COURSE
AMR STD 1E	Nat&Cult Amr	(4)	NO COMPARABLE COURSE
AMR STD 5	Tech in Amr Lives	(4)	NO COMPARABLE COURSE
ENV S&P 1	Env Analysis	(4)	NO COMPARABLE COURSE
HUMAN 3 M	Medicine & Humanities	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
PHILOS 30	Intro Philos of Sci	(4)	NO COMPARABLE COURSE
PHILOS 31	Scientific Reason	(4)	NO COMPARABLE COURSE
PHILOS 32	Scientific Change	(4)	NO COMPARABLE COURSE
SCI&SOC 1	Critical Inquiry into	(4)	NO COMPARABLE COURSE
	Contemporary Issues		
SCI&SOC 2	Feeding the Planet	(3)	NO COMPARABLE COURSE
SCI&SOC 3	Sci,Tech&Society	(4)	NO COMPARABLE COURSE
SCI&SOC 5	Discovery:Sci & Soc	(3)	NO COMPARABLE COURSE
SCI&TEC 32	Drugs, Science and	(4)	NO COURSE ARTICULATED: College has not
	Culture		submitted course(s) for articulation
Same as:	ANTHRO 32		

4 quarter units of lower-division science courses from the Approved Science Electives list. To see the list, click on http://sts.ucdavis.edu/undergraduate/sts-major-requirements

END OF MAJOR

====Sociology A.B.====

Special Advising Note:

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Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See $\underline{\text{http://llc.ucdavis.edu/foreign-language-placement-exams}} \text{ and check with your}$ UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced	Dlagement (AD)and Int	ernational t	laddalauro	ate (IB) Examination Not			
Advanced	rracement (Ar)and inc	ernacionar r	accaraure	ite (IB) Examination Not	- •		
General	AP and IB examination credit policies are detailed in the UC Davis 2018-19 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ are also available from our TAG website.						
SOCIOL 1	Intro Sociology	(5)	SOCI 101	Introduction to Sociology	(3)		
SOCIOL 4	.6A Intro Social Rsc AND	h (4)	NO COMPARA	ABLE COURSE AND			
SOCIOL 4	6B Intro Social Rsc	h (5)	NO COMPARA	ABLE COURSE			
		URSE FROM TH	E FOLLOWII	NG:			
SOCIOL 2 SOCIOL 3 SOCIOL 5 SOCIOL 1 SOCIOL 2 SOCIOL 3 SOCIOL 3	Immigrth & Opprtht Global Soc Change Sociology of Labo Employment Popular Culture Multicultural So	y (4) (4) (4) (4) (4) (4) (4) (4) (5) (5) (5)	NO COURSE submitted NO COURSE submitted NO COURSE submitted NO COMPARA NO COURSE submitted NO COURSE Submitted NO COURSE	ABLE COURSE Social Problems ARTICULATED: College had course(s) for articulated articulated. ARTICULATED: College had course(s) for articulated articulated. ARTICULATED: College had course(s) for articulated. ARTICULATED: College had course(s) for articulated. ARTICULATED: College had course(s) for articulated. ARTICULATED: College had course(s) for articulated.	s not ion s not ion s not ion s not ion s not ion s not ion s not		
	ONE CO	URSE FROM TH	E FOLLOWII	NG:			
ANTHRO 2	Cultural Anthropolo	ogy (5)	ANTHRO 103	Gultural Anthropology OR	(3)		
ANTHRO 2	0 Comparative Cultu	res (4)	NO COMPARA	_			
	ONE CO	URSE FROM TH	E FOLLOWII	 1G:			
HISTORY	4A Western Civ	(4)	HTST 101	History of Western	(3)		

017 007 07 770 707 707 707 707						
ANTHRO 20	Comparative Cultures	(4) NO COMPARABLI	E COURSE			
	OR		OR			
			Anthropology			
ANTIIICO Z	curcular Ancin oporogy	(3) ANTINO 103	Carcarar	(3)		

(4) | HIST 101 History of Western (3) HISTORY 4A Western Civ Civilization: The Pre-Industrial West HISTORY 4B Western Civ (4)|HIST 101 & History of Western (3) Civilization: The Pre-Industrial West HIST 102 History of Western (3) Civilization: The Modern Era HISTORY 4C Western Civ (4) | HIST 102 History of Western (3) Civilization: The Modern Era 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	7в	Latin America 1700-1900	(4)	NO COURSE ARTICULATED: College has not
				submitted course(s) for articulation
HISTORY	7C	Latin America	(4)	NO COURSE ARTICULATED: College has not
		1900-Present		submitted course(s) for articulation
HISTORY	8	Indian Civilization	(4)	NO COMPARABLE COURSE
HISTORY	9A	East Asian Civ	(4)	NO COMPARABLE COURSE
HISTORY	9в	East Asian Civ	(4)	NO COMPARABLE COURSE
HISTORY	10C	World History III	(4)	NO COMPARABLE COURSE
HISTORY	15A	Africa to 1900	(4)	NO COURSE ARTICULATED
HISTORY	15B	Africa Today	(4)	NO COURSE ARTICULATED
HISTORY	17A	U.S. History	(4)	HIST 111 United States History (3)
				I
HISTORY	17B	U.S. History	(4)	HIST 112 United States History (3)
				II

ONE COURSE FROM THE FOLLOWING:

ritical Reasoning	(4)	PHILOS	106	Critical Reasoning	(3)
Eth Soc Prob in Soc	(4)	PHILOS	240	Contemporary Moral	(3)
				Problems	
Intro to Ethics	(4)	PHILOS	120	Introduction to	(3)
				Ethics	
	ritical Reasoning Eth Soc Prob in Soc Intro to Ethics	Eth Soc Prob in Soc (4)	Eth Soc Prob in Soc (4) PHILOS	Eth Soc Prob in Soc (4) PHILOS 240	Eth Soc Prob in Soc (4) PHILOS 240 Contemporary Moral Problems Intro to Ethics (4) PHILOS 120 Introduction to

END OF MAJOR

====Sociology A.B. (Comparative Studies and World Development)==== Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis transfer admission website. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG 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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SOCIOL 1	Intro Sociology	(5)	!	ntroduction to ociology	(3)
SOCIOL 5	Global Soc Change	(4)	!	ICULATED: College has rse(s) for articulatio	
SOCIOL 46A	Intro Social Rsch AND	(4)	 NO COMPARABLE 	COURSE AND	
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE	COURSE	
ECON 1B	Princ of Macroecon	(4)	ECON 201 M	acroeconomics	(3)
ANTHRO 2	Cultural Anthropology	(5)	ANTHRO 103	Cultural Anthropology	(3)
	OR		j	OR	
ANTHRO 20	Comparative Cultures	(4)	NO COMPARABLE	COURSE	
HISTORY 10C	World History III OR	(4)	NO COMPARABLE	COURSE OR	
POL SCI 2	Intro Comp Politics	(4)	POLISC 250 	Comparative Government and Politics	(3)

Course work in one modern foreign language at the two-year level, or provide proof of proficiency (27-30 quarter units).

END OF MAJOR

====Sociology A.B. (Law & Society)====

Special Advising Note:

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Transfer students must also meet UC transfer admission requirements. For details see the UC Davis transfer admission website. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

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College Foreign Language Requirement Note:

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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SOCIOL 1	Intro Sociology	(5)	SOCI 101 	Introduction to Sociology	(3)
SOCIOL 3	Social Problems OR	(4)	SOCI 207	Social Problems OR	(3)
SOCIOL 4	Immigrtn & Opprtnty	(4)	!	ARTICULATED: College has course(s) for articulat	
	OR			OR	
SOCIOL 11	Sociology of Labor and Employment	(4)	!	ARTICULATED: College has course(s) for articulat	
SOCIOL 46A	Intro Social Rsch AND	(4)	NO COMPARA 	ABLE COURSE AND	
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARA	ABLE COURSE	

4 QUARTER UNITS FROM THE FOLLOWING:

ANTHRO 2	Cultural Anthropology	(5)	ANTHRO 103	Cultural	(3)
				Anthropology	
ANTHRO 20	Comparative Cultures	(4)	NO COMPARABLE	COURSE	
POL SCI 1	Amer Natl Govt	(4)	POLISC 150	Introduction to	(3)
				American Government	
				and Politics	
POL SCI 3	Internatl Relations	(4)	POLISC 270	International	(3)
				Relations	
POL SCI 4	Bas Cnpt/Pol Thry	(4)	POLISC 230	Political Theory	(3)
POL SCI 7	Law & Politics	(4)	NO COMPARABLE	COURSE	

4 QUARTER UNITS FROM THE FOLLOWING:

HISTORY	4A	Western Civ	(4)	HIST 101 	Civilization: The
HISTORY	4B	Western Civ	(4)	 HIST 101 <u> </u> 	Pre-Industrial West History of Western (3) Civilization: The
				 HIST 102 	Pre-Industrial West History of Western (3) Civilization: The Modern Era
HISTORY	4C	Western Civ	(4)	 HIST 102 	
HISTORY	6	Intro to Middle East	(4)	NO COURSE	ARTICULATED: College has not
			. ,		course(s) for articulation
HISTORY	7A	Latin America to 1700	(4)		ARTICULATED: College has not
				submitted	course(s) for articulation
HISTORY	7в	Latin America 1700-1900	(4)	!	ARTICULATED: College has not
				submitted	course(s) for articulation
HISTORY	7C	Latin America	(4)	NO COURSE	ARTICULATED: College has not
				!	
		1900-Present			course(s) for articulation
HISTORY	-	Indian Civilization	(4)	NO COMPARA	course(s) for articulation ABLE COURSE
HISTORY	9A	Indian Civilization East Asian Civ	(4)	NO COMPARA	course(s) for articulation ABLE COURSE ABLE COURSE
HISTORY HISTORY	9A 9B	Indian Civilization East Asian Civ East Asian Civ	(4) (4) (4)	NO COMPARA NO COMPARA NO COMPARA	course(s) for articulation ABLE COURSE ABLE COURSE ABLE COURSE
HISTORY HISTORY HISTORY	9A 9B 10C	Indian Civilization East Asian Civ East Asian Civ World History III	(4) (4) (4) (4)	NO COMPARA NO COMPARA NO COMPARA NO COMPARA	course(s) for articulation ABLE COURSE ABLE COURSE ABLE COURSE ABLE COURSE
HISTORY HISTORY HISTORY	9A 9B 10C 15A	Indian Civilization East Asian Civ East Asian Civ World History III Africa to 1900	(4) (4) (4) (4) (4)	NO COMPARA NO COMPARA NO COMPARA NO COMPARA NO COMPARA	course(s) for articulation ABLE COURSE ABLE COURSE ABLE COURSE ABLE COURSE ARTICULATED
HISTORY HISTORY HISTORY HISTORY	9A 9B 10C 15A 15B	Indian Civilization East Asian Civ East Asian Civ World History III Africa to 1900 Africa Today	(4) (4) (4) (4) (4) (4)	NO COMPARA NO COMPARA NO COMPARA NO COMPARA NO COURSE NO COURSE	course(s) for articulation ABLE COURSE ABLE COURSE ABLE COURSE ABLE COURSE ARTICULATED ARTICULATED
HISTORY HISTORY HISTORY	9A 9B 10C 15A 15B	Indian Civilization East Asian Civ East Asian Civ World History III Africa to 1900	(4) (4) (4) (4) (4) (4)	NO COMPARA NO COMPARA NO COMPARA NO COMPARA NO COURSE NO COURSE	course(s) for articulation ABLE COURSE ABLE COURSE ABLE COURSE ABLE COURSE ARTICULATED
HISTORY HISTORY HISTORY HISTORY HISTORY HISTORY	9A 9B 10C 15A 15B 17A	Indian Civilization East Asian Civ East Asian Civ World History III Africa to 1900 Africa Today U.S. History U.S. History	(4) (4) (4) (4) (4) (4) (4)	NO COMPARA NO COMPARA NO COMPARA NO COMPARA NO COURSE NO COURSE HIST 111 HIST 112	course(s) for articulation ABLE COURSE ABLE COURSE ABLE COURSE ABLE COURSE ARTICULATED ARTICULATED United States History (3) I United States History (3) II
HISTORY HISTORY HISTORY HISTORY HISTORY HISTORY	9A 9B 10C 15A 15B 17A	Indian Civilization East Asian Civ East Asian Civ World History III Africa to 1900 Africa Today U.S. History	(4) (4) (4) (4) (4) (4) (4)	NO COMPARA NO COMPARA NO COMPARA NO COMPARA NO COURSE NO COURSE HIST 111 HIST 112	course(s) for articulation ABLE COURSE ABLE COURSE ABLE COURSE ABLE COURSE ARTICULATED ARTICULATED United States History (3) I United States History (3) II
HISTORY HISTORY HISTORY HISTORY HISTORY HISTORY HISTORY	9A 9B 10C 15A 15B 17A	Indian Civilization East Asian Civ East Asian Civ World History III Africa to 1900 Africa Today U.S. History U.S. History Critical Reasoning OR Eth Soc Prob in Soc	(4) (4) (4) (4) (4) (4)	NO COMPARA NO COMPARA NO COMPARA NO COMPARA NO COURSE NO COURSE HIST 111 HIST 112 PHILOS 106	Course(s) for articulation ABLE COURSE ABLE COURSE ABLE COURSE ABLE COURSE ARTICULATED ARTICULATED United States History (3) I United States History (3) I Critical Reasoning (3) OR Contemporary Moral (3) Problems
HISTORY HISTORY HISTORY HISTORY HISTORY HISTORY HISTORY PHILOS 5	9A 9B 10C 15A 15B 17A 17B	Indian Civilization East Asian Civ East Asian Civ World History III Africa to 1900 Africa Today U.S. History U.S. History Critical Reasoning OR	(4) (4) (4) (4) (4) (4) (4)	NO COMPARA NO COMPARA NO COMPARA NO COURSE NO COURSE HIST 111 HIST 112 PHILOS 106 PHILOS 246	Course(s) for articulation ABLE COURSE ABLE COURSE ABLE COURSE ARTICULATED ARTICULATED United States History (3) I United States History (3) I Critical Reasoning (3) OR Contemporary Moral (3)

END OF MAJOR

====Sociology A.B. (Social Services)====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis transfer admission website. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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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SOCIOL 1	Intro Sociology	(5)	!	Introduction to Sociology	(3)
SOCIOL 2 SOCIOL 3	Self and Society OR Social Problems		NO COMPARABLE SOCI 207	E COURSE OR Social Problems	(3)
SOCIOL 46A	Intro Social Rsch AND Intro Social Rsch		NO COMPARABLE	AND	
PSYCH 1	General Psychology	(4)	 PSYCH 101 OR	Introduction to Psychology	(3)
			<u>OK</u> PSYCH 101H 	Introduction to Psychology - Honors	(3)

6-8 OUARTER UNITS FROM THE FOLLOWING:

	6-8 QUARTER UNIT	rs fr	MOS	THE FOLLOWING:
AF-AMST 10	Af-Am Culture & Soc	(4)	NO	COMPARABLE COURSE
AF-AMST 15	Intro Afro Amer Hum	(4)	NO	COMPARABLE COURSE
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			
CHICANO 10	Intro to Chic Std	(4)	NO	COMPARABLE COURSE
CHICANO 50	Chicano Culture	(4)	NO	COMPARABLE COURSE
N A STD 1	Intro NA Studies	(4)	NO	COMPARABLE COURSE
N A STD 10	NA Experience	(4)	NO	COMPARABLE COURSE
SOCIOL 4	Immigrtn & Opprtnty	(4)	NO	COURSE ARTICULATED: College has not
		ĺ	suk	bmitted course(s) for articulation
SOCIOL 11	Sociology of Labor and	(4)	NO	COURSE ARTICULATED: College has not
	Employment		suk	bmitted course(s) for articulation
SOCIOL 30A	Multicultural Societies	(3)	NO	COURSE ARTICULATED: College has not
		İ	suk	bmitted 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.

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College Foreign Language Requirement Note:

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Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

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______ SOCIOL 1 Intro Sociology (5) SOCI 101 Introduction to Sociology AND SOCIOL 2 Self and Society (4) NO COMPARABLE COURSE SOCIOL 4 Immigrtn & Opprtnty (4) | NO COURSE ARTICULATED: College has not |submitted course(s) for articulation

	OR		OR
SOCIOL 5	Global Soc Change	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
	OR		OR
SOCIOL 11	Sociology of Labor and	(4)	NO COURSE ARTICULATED: College has not
	Employment		submitted course(s) for articulation
SOCIOL 46A	Intro Social Rsch	(4)	NO COMPARABLE COURSE
	AND		AND
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE
ECON 1A	Princ of Microecon	(4)	ECON 202 Microeconomics (3)
	AND		AND
ECON 1B	Princ of Macroecon	(4)	ECON 201 Macroeconomics (3)

END OF MAJOR

====Spanish A.B.====

Special Advising Note:

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SPANISH 1	Elementary Spanish	(5) SPAN 101 Elementary Spanish I	(4)
SPANISH 2	Elementary Spanish	(5) SPAN 101 & Elementary Spanish I	(4)
		SPAN 102 Elementary Spanish I	(4)
SPANISH 3	Elementary Spanish	(5) SPAN 102 Elementary Spanish I	(4)
SPANISH 21	Intm Spanish	(5) SPAN 201 & Intermediate Spanish	n I (4)
		SPAN 202 Intermediate Spanish	n (4)
		i II	
SPANISH 22	Intm Spanish	(5) SPAN 201 & Intermediate Spanish	n I (4)
		SPAN 202 Intermediate Spanish	n (4)
		_ II	
SPANISH 23	Span Comp I	(4) SPAN 201 & Intermediate Spanish	n I (4)
		SPAN 202 Intermediate Spanish	ı (4)
		_ II	
SPANISH 24	Span Comp II	(4) NO COMPARABLE COURSE	
	OR	OR	
SPANISH 31	Int Span Nat Spk I	(5) NO COMPARABLE COURSE	
SPANISH 32	Int Span Nat Spk II	(5) NO COMPARABLE COURSE	
SPANISH 33	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

END OF MAJOR

====Statistics A.B.====

Special Advising Note:

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Education(GE) Note:

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additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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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MATH 16A	Short Calculus	(3)	MATH 211	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 212	Calculus II	(5)
MATH 16C	Short Calculus		1	Calculus II	(5)
	OR	(-)		OR	(-)
MATH 17A	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has	not
			submitted	course(s) for articulation	on
MATH 17B	Calculus for Biosci	(4)	NO COURSE	ARTICULATED: College has	not
			submitted	course(s) for articulation	on
MATH 17C	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has	not
			submitted	course(s) for articulation	on
	OR		İ	OR	
MATH 21A	Calculus	(4)	MATH 211	Calculus I	(5)
MATH 21B	Calculus		!		(5)
MATH 21C	Calculus			Calculus III	(5)
MATH 22A	Linear Algebra	(3)	MATH 214	Linear Algebra	(3)
	Intro to Programming(4)		INO COMDAD	ABLE COURSE	
	y ENG CS 10		NO COMPARI	ABLE COURSE	
TOTMETT	OR		 	OR	
ENG CS 36A	Programming	(4)	CMPSCI 11:	1 Introduction to	(3)
	ENG CS 30	, ,		Computer Algorithms	(- /
1				and Programming/JAVA	
			OR	3 3.	
			CMPSCI 23	5 C Programming	(3)
	OR			OR	,
ENG CS 36B	Object-Oriented Program	(4)	CMPSCI 23	6 C++ Object Oriented	(3)
	ENG CS 40		İ	Programming	

Please note that the community college's computer science courses may not be identical to UC Davis courses. Community college students, upon transfer to UC Davis, may need to make up any topic or language deficiencies.

STATIST 32 Gateway to Data Science (4) | NO COMPARABLE COURSE

END OF MAJOR

Special Advising Note:

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Transfer students must also meet UC transfer admission requirements. For details see the UC Davis transfer admission website. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG. ______

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 General Catalog . Quick reference charts for AP and IB are also available from our TAG website.

MATH 16A	Short Calculus	(3)	MATH 211	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 212	Calculus II	(5)
MATH 16C	Short Calculus	(3)	MATH 212	Calculus II	(5)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: Coll	ege has not
			submitted	course(s) for art	iculation
MATH 17B	Calculus for Biosci	(4)	NO COURSE	ARTICULATED: Coll	ege has not
			submitted	course(s) for art	iculation
MATH 17C	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: Coll	ege has not
			submitted	course(s) for art	iculation
	OR			OR	
MATH 21A	Calculus	(4)	MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 213	Calculus III	(5)

NOTE: THE MATH 21A,B,C SERIES IS RECOMMENDED IF AVAILABLE

______ MATH 22A Linear Algebra (3) MATH 214 Linear Algebra

ENG CS 32A Intro to Programming(4) | NO COMPARABLE COURSE

OR				OR	
ENG CS 36A Programming Formerly ENG CS 30	(4)	CMPSCI	111	Introduction to Computer Algorithms and Programming/JAVA	(3)
		OR			
		CMPSCI	235	C Programming	(3)
OR				OR	
ENG CS 36B Object-Oriented Program	(4)	CMPSCI	236	C++ Object Oriented	(3)
Formerly ENG CS 40				Programming	

Please note that the community college's computer science courses may not be identical to UC Davis courses. Community college students, upon transfer to UC Davis, may need to make up any topic or language deficiencies.

AND ONE COURSE FROM

STATIST 12	Discrete Probabil	(4)	NO COMPARABL	E COURSE	
STATIST 13	Elementary Statistics	(4)	MATH 140	Introductory	(4)
Same as:	STATIST 13Y			Statistics	
			OR		
			MATH 140H	Introductory	(4)
				Statistics - Honors	
			OR		
			PSYCH 104	Statistics for the	(3)
				Behavioral Sciences	
STATIST 32	Gateway to Data Science	(4)	NO COMPARABL	E COURSE	

PLUS TWO INTRODUCTORY COURSES SERVING AS THE PREREQUISITE TO UPPER DIVISION COURSES IN A CHOSEN DISCIPLINE TO WHICH STATISTICS IS APPLIED.

END OF MAJOR

====Statistics B.S. (Computational Statistics Option)==== Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis transfer admission website. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See

additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ are also available from our TAG website.

MATH 21A Calculus (4) MATH 211 Calculus I (5)
MATH 21B Calculus (4) MATH 212 Calculus II (5)
MATH 21C Calculus (4) MATH 213 Calculus III (5)
MATH 21D Vector Analysis (4) MATH 213 Calculus III (5)
MATH 22A Linear Algebra (3) MATH 214 Linear Algebra (3)

MATH 22A Linear Algebra (3) | MATH 214 Linear Algebra (3) | ENG CS 36C Data Structures (4) | CMPSCI 282 Advanced Data (3) | Structures

Please note that the community college's computer science courses may not be identical to UC Davis courses. Community college students, upon transfer to UC Davis, may need to make up any topic or language deficiencies.

AND ONE COURSE FROM

STATIST 12 Discrete Probabil (4) NO COMPARABLE COURSE

STATIST 13 Elementary Statistics (4) MATH 140 Introductory (4)

Same as: STATIST 13Y Statistics

OR

MATH 140H Introductory (4)

Statistics - Honors

OR

PSYCH 104 Statistics for the Behavioral Sciences

STATIST 32 Gateway to Data Science (4) NO COMPARABLE COURSE

END OF MAJOR

====Statistics B.S. (General Statistics Option)==== Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis transfer admission website. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ are also available from our TAG website.

MATH 21A MATH 21B	Calculus Calculus	, ,	MATH 2		Calculus Calculus		(5) (5)
	Calculus		!		Calculus		(5)
MATH 21D	Vector Analysis	(4) 		213 	Calculus		(5)
MATH 22A	Linear Algebra	(3)	MATH 2	214	Linear A	lgebra	(3)
	OR				OR		
MATH 67	Modern Linear Algebra	(4)	NO CO	JRSE	ARTICULATE	D: College	has not
			submit	tted	course(s)	for articu	lation
MATH 25	Advanced Calculus	(4)	NO CO	JRSE	ARTICULATE	 D: College	has not
			!		course(s)		
			Dabine	ccca	COULDC(D)	IOI altitu	1461011
ENG CS 32A	Intro to Programming(4)						
	Intro to Programming(4)				ABLE COURSE		
	ly ENG CS 10				ABLE COURSE		
Former	ly ENG CS 10 OR	(4)	NO COI 	 MPAR <i>I</i>	ABLE COURSE		
Former ENG CS 36A	ly ENG CS 10 OR Programming	(4)		 MPAR <i>I</i>	ABLE COURSE OR I Introd	uction to	(3)
Former ENG CS 36A	ly ENG CS 10 OR	(4)	NO COI 	 MPAR <i>I</i>	ABLE COURSE OR I Introd Comput	uction to er Algorit	(3)
Former ENG CS 36A	ly ENG CS 10 OR Programming	(4)	NO COM CMPSC:	 MPAR <i>I</i> I 111	ABLE COURSE OR I Introd Comput	uction to	(3)
Former ENG CS 36A	ly ENG CS 10 OR Programming	(4)	NO COI CMPSC: 	———— МРАК <i>I</i> I 111	ABLE COURSE OR Introd Comput and Pr	uction to er Algorit ogramming/	(3)
Former ENG CS 36A	ly ENG CS 10 OR Programming	(4)	NO COM CMPSC:	———— МРАК <i>I</i> I 111	ABLE COURSE OR Introd Comput and Pr	uction to er Algorit	(3)
Former ENG CS 36A	ly ENG CS 10 OR Programming	(4)	NO COI CMPSC: 	———— МРАК <i>I</i> I 111	ABLE COURSE OR Introd Comput and Pr	uction to er Algorit ogramming/ ramming	(3) hms JAVA
Former ENG CS 36A Former1	ly ENG CS 10 OR Programming y ENG CS 30	,	NO COI CMPSC: 	MPARA I 111 <u>R</u> I 235	ABLE COURSE OR I Introd Comput and Pr COURSE	uction to er Algorit ogramming/ ramming	(3) hms JAVA

Please note that the community college's computer science courses may not be identical to UC Davis courses. Community college students, upon transfer to UC Davis, may need to make up any topic or language deficiencies.

AND ONE COURSE FROM

STATIST 13 Elementary Statistics (4) | MATH 140 Introductory (4) Same as: STATIST 13Y | Statistics OR

			MATH 14		Introductor Statistics	-	(4)
			OR				
		ĺ	PSYCH 1	04	Statistics	for the	(3)
		ĺ			Behavioral	Sciences	
STATIST 12	Discrete Probabil	(4)	NO COME	PARABLE	COURSE		
STATIST 32	Gateway to Data Science	(4)	NO COME	PARABLE	COURSE		

====Statistics B.S. (Statistical Data Science Track)==== Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis transfer admission website. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG 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.

Advanged Discovert (AD) and International Regardaments (ID) Everyingtion Notes

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ are also available from our TAG website.

MATH 21A	Calculus	(4) MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4) MATH 212	Calculus II	(5)
MATH 21C	Calculus	(4) MATH 213	Calculus III	(5)
MATH 21D	Vector Analysis	(4) MATH 213	Calculus III	(5)
MATH 22A	Linear Algebra	(3) MATH 214	Linear Algebra	(3)

ENG CS 32A Intro to Programming(4)
Formerly ENG CS 10

NO COMPARABLE COURSE

(4)		Introduction to Computer Algorithms and Programming/JAVA	(3)
	OR CMPSCI 235 	C Programming OR	(3)
(4)	CMPSCI 236	C++ Object Oriented Programming	(3)
(4)	NO COMPARABLE 	E COURSE OR	
(4)	 MATH 140 	Introductory Statistics	(4)
	<u>OR</u> MATH 140H 	Introductory Statistics - Honors	(4)
	OR PSYCH 104	Statistics for the Behavioral Sciences	(3)
(4)	 NO COMPARABLE	OR E COURSE	
	(4) (4) (4)	OR CMPSCI 235 (4) CMPSCI 236 (4) NO COMPARABLE (4) MATH 140 OR MATH 140H OR PSYCH 104 CM PSYCH 104 CM CM CM CM CM CM CM C	Computer Algorithms and Programming/JAVA OR CMPSCI 235 C Programming OR (4) CMPSCI 236 C++ Object Oriented Programming (4) NO COMPARABLE COURSE OR (4) MATH 140 Introductory Statistics OR MATH 140H Introductory Statistics - Honors OR PSYCH 104 Statistics for the Behavioral Sciences OR

END OF MAJOR

====Sustainable Agriculture and Food Systems B.S.==== Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is $\frac{\text{highly recommended}}{\text{Preparing well for}}$ that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. See the UC Transfer Admission website for details. UC Davis requires that students complete the minimum transfer admission requirement by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College of Agricultural and Environmental Sciences (A&ES) General Education (GE) English Composition Requirement for the Bachelor's Degree:

The College of A&ES English Composition requirement for the Bachelor's degree is an element of the UC Davis General Education (GE) pattern. This GE requirement may be satisfied by completing either two courses emphasizing written expression OR one course emphasizing written expression and one course emphasizing oral expression, with a grade of C- (or P) or better. The following UC Davis lower-division courses are among those that have been approved to satisfy this requirement: English 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (emphasis in either writing or speaking skills). The English Composition requirement may also be met by achieving a score of 4 or 5 on the Advanced Placement (AP) English examination PLUS completing any previously listed course, EXCEPT English 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC transfer students who have successfully completed the IGETC lower-division coursework are exempt from all GE requirements that may be met with lower-division courses. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer admission. See the UC Transfer Admission website. The courses used for the A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 General Catalog . Quick reference charts for AP and IB are also available from our TAG website.

COMUNCN 1	Intro Public Spkg	(4)	COMS 105	Fundamentals of (3) Public Speaking
			<u>OR</u> COMS 105H 	Fundamentals in (3) Public Speaking- Honors
PL SCI 15	Intro Sustainable Agriculture	(4)	!	ARTICULATED: College has not course(s) for articulation
CM&RGDE 20	Food Systems	(4)	!	ARTICULATED: College has not course(s)for articulation
PL PATH 40	Edible Mushroom Cult	(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

AN SCI 41L AN SCI 49A AN SCI 49B AN SCI 49C AN SCI 49D	Domest An Prod Lab Animal Prac/Aquaculture Animal Prac/Beef Animal Prac/Dairy Animal Prac/Goats	(2) (2) (2) (2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AN SCI 49E AN SCI 49F	Animal Prac/Horses Animal Prac/Lab Animals		NO COURSE ARTICULATED: College has not submitted course(s)for articulation NO COURSE ARTICULATED: College has not
AN SCI 49G	Animal Prac/Meats	(2)	submitted course(s)for articulation NO COURSE ARTICULATED: College has not
AN SCI 49H	Animal Prac/Poultry	(2)	submitted course(s)for articulation NO COURSE ARTICULATED: College has not submitted course(s)for articulation
AN SCI 49I	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 OR	(2)	NO COMPARABLE COURSE OR
ABIOSYT 52	~	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
	PLUS CHOOSE ONE OF	THE	FOLLOWING THREE TRACKS:
	TRACK I: AGRICUI		E AND ECOLOGY
MATH 16A MATH 16B	Short Calculus Short Calculus	(3)	MATH 211
MATH 16B	Short Calculus	(3)	MATH 211
MATH 16B 	Short Calculus	(3)	MATH 212
MATH 16B	Short CalculusGenl Chemistry	(3)	MATH 212 Calculus II (5) CHEM 201 General Chemistry I (6) OR
CHEM 2B CONTROL OF CHEM 2B CONTR	Short Calculus Genl Chemistry Fenl Chemistry Principles Physics Intro Biology: Ecology & Evolution	(3) (5) (5)	MATH 212 Calculus II (5) CHEM 201 General Chemistry I (6) OR
MATH 16B	Short Calculus Genl Chemistry Genl Chemistry Principles Physics Intro Biology: Ecology & Evolution Bot Physic Cul Plt	(3) (5) (5) (3) (5)	MATH 212 Calculus II (5) CHEM 201 General Chemistry I (6) OR
MATH 16B	Short Calculus Genl Chemistry Genl Chemistry Principles Physics Intro Biology: Ecology & Evolution Bot Physio Cul Plt Domest Ani & People	(3) (5) (5) (3) (5)	MATH 212 Calculus II (5) CHEM 201 General Chemistry I (6) OR CHEM 201H General Chemistry I - (6) Honors CHEM 201 & General Chemistry I (6) CHEM 202 General Chemistry II (5) NO COMPARABLE COURSE BIOSCI 106 Organismal and Environmental Biology NO COMPARABLE COURSE N
MATH 16B	Short Calculus Genl Chemistry Genl Chemistry Principles Physics Intro Biology: Ecology & Evolution Bot Physio Cul Plt Domest Ani & People OR Intro Animal Sci	(3) (5) (5) (3) (3) (5) (4) (4)	MATH 212 Calculus II (5) CHEM 201 General Chemistry I (6) OR CHEM 201H General Chemistry I - (6) Honors CHEM 201 & General Chemistry I (6) CHEM 202 General Chemistry II (5) NO COMPARABLE COURSE BIOSCI 106 Organismal and Environmental Biology NO COMPARABLE COURSE OR NO COMPARABLE COURSE OR NO COMPARABLE COURSE OR NO COMPARABLE COURSE OR
MATH 16B	Short Calculus Genl Chemistry Genl Chemistry Principles Physics Intro Biology: Ecology & Evolution Bot Physio Cul Plt Domest Ani & People OR Intro Animal Sci Food Sci Principles	(3) (5) (5) (3) (3) (5) (4) (4) (4) (4)	MATH 212 Calculus II (5) CHEM 201 General Chemistry I (6) OR
MATH 16B	Short Calculus Genl Chemistry Genl Chemistry Principles Physics Intro Biology: Ecology & Evolution Bot Physio Cul Plt Domest Ani & People OR Intro Animal Sci Food Sci Principles	(3) (5) (5) (5) (3) (5) (4) (4) (4)	MATH 212 Calculus II (5) CHEM 201 General Chemistry I (6) OR
CHEM 2A G CHEM 2B G CHEM 2B G PHYSICS 1A BIOLSCI 2B PL SCI 2 AN SCI 1 AN SCI 1 ECON 1A F CM&RGDE 1	Short Calculus Genl Chemistry Genl Chemistry Principles Physics Intro Biology: Ecology & Evolution Bot Physio Cul Plt Domest Ani & People OR Intro Animal Sci Food Sci Principles	(3) (5) (5) (5) (4) (4) (4) (4)	MATH 212 Calculus II (5) CHEM 201 General Chemistry I (6) OR
CHEM 2A G CHEM 2B G CHEM 2B G PHYSICS 1A BIOLSCI 2B PL SCI 2 AN SCI 1 AN SCI 1 ECON 1A F CM&RGDE 1	Short Calculus Genl Chemistry Genl Chemistry Principles Physics Intro Biology: Ecology & Evolution Bot Physio Cul Plt Domest Ani & People OR Intro Animal Sci Food Sci Principles Princ of Microecon The Community	(3) (5) (5) (3) (4) (4) (4)	MATH 212 Calculus II (5) CHEM 201 General Chemistry I (6) OR

OR PHILOS 24 Intro to Ethics (OR OR Introduction Ethics							
ANTHRO 2 Cultural Anthropology (O) ANTHRO 103 Cultural Anthropology	(3)						
OR POL SCI 4 Bas Cnpt/Pol Thry (OR	OR 	eory (3)						
SOCIOL 1 Intro Sociology (SOCI 101 Introduction to Sociology	(3)						
OR SOCIOL 3 Social Problems (·							
TRACK II: FOOD AND SOCIETY								
PHILOS 5 Critical Reasoning (soning (3)						
OR PHILOS 31 Scientific Reason (•							
PHILOS 14 Eth Soc Prob in Soc (
OR PHILOS 15 Intro to Bioethics (OR	1							
PHILOS 24 Intro to Ethics (1	to (3)						
SOCIOL 46B Intro Social Rsch (5) NO COMPARABLE COURSE OR							
STATIST 13 Elementary Statistics (Same as: STATIST 13Y	MATH 140 Introductory Statistics	(4)						
	OR MATH 140H Introductory Statistics - H							
	OR PSYCH 104 Statistics for Behavioral Sci	, ,						
CHEM 2A Genl Chemistry (5) CHEM 201 General Chemis	stry I (6)						
	CHEM 201H General Chemis							
BIOLSCI 10 Everyday Biology (
	BIOSCI 100H General Biol Honors	.ogy - (4)						
PL SCI 2 Bot Physio Cul Plt (
BIOLSCI 2B Intro Biology: Ecology (& Evolution	5) BIOSCI 106 Organismal ar Environmental Biology							
OR ENV S&P 1 Env Analysis (OR	OR OR							
	3) NO COMPARABLE COURSE							
OR W&F BIO 10 Wildl Ecol Conserve (OR	OR							
W&F BIO 51 Intro to Conservation (I .	ege has not						

	Biology		submitted cou	rse(s) for articulati	on
FD S&T 1	Food Sci Principles		NO COMPARABLE		
SOILSCI 10			NO COMPARABLE 	COURSE	
ECON 1A	Princ of Microecon		ECON 202 M	icroeconomics	(3)
	Bas Cnpt/Pol Thry				
	Cultural Anthropology		ANTHRO 103	Cultural Anthropology	(3)
SOCIOL 1		(5)	•	OR ntroduction to ociology	(3)
SOCIOL 3	OR Social Problems	(4)	 SOCI 207 S	OR ocial Problems	(3)
CM&RGDE 1 CM&RGDE 2	The Community Ethnicity Amer Comm	(4) (4)	NO COMPARABLE	COURSE	
	TRACK III: ECO	NOMT	CS AND POLICY		
MATH 16A				alculus I	(5)
MATH 16B	Short Calculus				(5)
SOCIOL 46B	Intro Social Rsch OR	(5)	NO COMPARABLE	COURSE OR	
	Elementary Statistics : STATIST 13Y	(4)	ĺ	Introductory Statistics	(4)
			•	Introductory Statistics - Honors	(4)
			PSYCH 104	Statistics for the Behavioral Sciences	(3)
CHEM 2A	Genl Chemistry	(5)	CHEM 201	General Chemistry I	(6)
			CHEM 201H	General Chemistry I - Honors	
BIOLSCI 10	Everyday Biology	(4)	BIOSCI 100 OR		
			BIOSCI 100H	General Biology - Honors	
PL SCI 2	Bot Physio Cul Plt	(4)			
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106 	Environmental Biology	(4)
ENV S&P 1	OR Env Analysis	(4)	 NO COMPARABLE		
	OR Global Ecosystem ENV SC&M 30	(3)	 NO COMPARABLE 		
W&F BIO 10	OR Wildl Ecol Conserve OR	(4)	 NO COMPARABLE	OR COURSE OR	
W&F BIO 51		(3)	•		

FD S&T 1 Food Sci Principles (3) NO COMPARABLE COURSE SOILSCI 10 Soils in Our Environment (3) NO COMPARABLE COURSE ECON 1A Princ of Microecon (4) ECON 202 Microeconomics (3) ECON 1B Princ of Macroecon (4) ECON 201 Macroeconomics (3) POL SCI 4 Bas Cnpt/Pol Thry (4) POLISC 230 Political Theory (3) ANTHRO 2 Cultural Anthropology (5) ANTHRO 103 Cultural (3) Anthropology OR OR SOCIOL 1 Intro Sociology (5) SOCI 101 Introduction to (3) Sociology OR SOCIOL 3 Social Problems (4) SOCI 207 Social Problems (3) CM&RGDE 1 The Community (4) NO COMPARABLE COURSE PHILOS 14 Eth Soc Prob in Soc (4) PHILOS 240 Contemporary Moral (3) Problems OR PHILOS 15 Intro to Bioethics (4) NO COMPARABLE COURSE OR PHILOS 24 Intro to Ethics (4) PHILOS 120 Introduction to (3) Ethics						
ECON 1A Princ of Microecon (4) ECON 202 Microeconomics (3) ECON 1B Princ of Macroecon (4) ECON 201 Macroeconomics (3) Princ of Macroecon (4) ECON 201 Macroeconomics (3) Macroecon	FD S&T 1	Food Sci Principles	(3)	NO COMPARABI	JE COURSE	
ECON 1B Princ of Macroecon (4) ECON 201 Macroeconomics (3) POL SCI 4 Bas Cnpt/Pol Thry (4) POLISC 230 Political Theory (3) ANTHRO 2 Cultural Anthropology (5) ANTHRO 103 Cultural Anthropology OR SOCIOL 1 Intro Sociology (5) SOCI 101 Introduction to (3) Sociology OR SOCIOL 3 Social Problems (4) SOCI 207 Social Problems (3) CM&RGDE 1 The Community (4) NO COMPARABLE COURSE PHILOS 14 Eth Soc Prob in Soc (4) PHILOS 240 Contemporary Moral (3) Problems OR PHILOS 15 Intro to Bioethics (4) NO COMPARABLE COURSE OR PHILOS 24 Intro to Ethics (4) PHILOS 120 Introduction to (3)	SOILSCI 10		(3)	NO COMPARABI 	JE COURSE	
ANTHRO 2 Cultural Anthropology (5) ANTHRO 103 Cultural (3) Anthropology OR SOCIOL 1 Intro Sociology (5) SOCI 101 Introduction to (3) Sociology OR SOCIOL 3 Social Problems (4) SOCI 207 Social Problems (3) CM&RGDE 1 The Community (4) NO COMPARABLE COURSE PHILOS 14 Eth Soc Prob in Soc (4) PHILOS 240 Contemporary Moral (3) Problems OR PHILOS 15 Intro to Bioethics (4) NO COMPARABLE COURSE OR PHILOS 24 Intro to Ethics (4) PHILOS 120 Introduction to (3)						
OR SOCIOL 1 Intro Sociology (5) SOCI 101 Introduction to (3) Sociology OR SOCIOL 3 Social Problems (4) SOCI 207 Social Problems (3) CM&RGDE 1 The Community (4) NO COMPARABLE COURSE PHILOS 14 Eth Soc Prob in Soc (4) PHILOS 240 Contemporary Moral (3) Problems OR PHILOS 15 Intro to Bioethics (4) NO COMPARABLE COURSE OR PHILOS 24 Intro to Ethics (4) PHILOS 120 Introduction to (3)	POL SCI 4	Bas Cnpt/Pol Thry	(4)	POLISC 230	Political Theory	(3)
SOCIOL 1 Intro Sociology (5) SOCI 101 Introduction to Sociology OR OR SOCIOL 3 Social Problems (4) SOCI 207 Social Problems (3) CM&RGDE 1 The Community (4) NO COMPARABLE COURSE PHILOS 14 Eth Soc Prob in Soc (4) PHILOS 240 Contemporary Moral (3) Problems OR OR PHILOS 15 Intro to Bioethics (4) NO COMPARABLE COURSE OR PHILOS 24 Intro to Ethics (4) PHILOS 120 Introduction to (3)	ANTHRO 2		(5)	ANTHRO 103 	Anthropology	(3)
SOCIOL 3 Social Problems (4) SOCI 207 Social Problems (3) CM&RGDE 1 The Community (4) NO COMPARABLE COURSE PHILOS 14 Eth Soc Prob in Soc (4) PHILOS 240 Contemporary Moral (3) Problems OR PHILOS 15 Intro to Bioethics (4) NO COMPARABLE COURSE OR PHILOS 24 Intro to Ethics (4) PHILOS 120 Introduction to (3)	SOCIOL 1	Intro Sociology	(5)	SOCI 101	Introduction to Sociology	(3)
PHILOS 14 Eth Soc Prob in Soc (4) PHILOS 240 Contemporary Moral (3) Problems OR OR PHILOS 15 Intro to Bioethics (4) NO COMPARABLE COURSE OR OR PHILOS 24 Intro to Ethics (4) PHILOS 120 Introduction to (3)	SOCIOL 3		(4)	SOCI 207	_	(3)
Problems OR PHILOS 15 Intro to Bioethics (4) NO COMPARABLE COURSE OR PHILOS 24 Intro to Ethics (4) PHILOS 120 Introduction to (3)	CM&RGDE 1	The Community	(4)	NO COMPARABI	LE COURSE	
OR OR OR PHILOS 24 Intro to Ethics (4) PHILOS 120 Introduction to (3)	PHILOS 14		(4)	 PHILOS 240 	Problems	(3)
• • •	PHILOS 15		(4)	NO COMPARABI		
	PHILOS 24	Intro to Ethics	(4)	PHILOS 120		(3)

====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 transfer admission website. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General
Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option

from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College of Agricultural and Environmental Sciences (A&ES) General Education (GE) English Composition Requirement for the Bachelor's Degree:

The College of A&ES English Composition requirement for the Bachelor's degree is an element of the UC Davis General Education (GE) pattern. This GE requirement may be satisfied by completing either two courses emphasizing written expression OR one course emphasizing written expression and one course emphasizing oral expression, with a grade of C- (or P) or better. The following UC Davis lower-division courses are among those that have been approved to satisfy this requirement: English 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (emphasis in either writing or speaking skills). The English Composition requirement may also be met by achieving a score of 4 or 5 on the Advanced Placement (AP) English examination PLUS completing any previously listed course, EXCEPT English 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC transfer students who have successfully completed the IGETC lower-division coursework are exempt from all GE requirements that may be met with lower-division courses. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer admission. See the UC Transfer Admission website. The courses used for the A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ are also available from our TAG website.

COMUNCN 1	Intro Public Spkg	(4)	COMS 105	Fundamentals of Public Speaking	(3)
			<u>OR</u> COMS 105H 	Fundamentals in Public Speaking- Honors	(3)
ENGLISH 3	Intro to Lit	(4)	!	ARTICULATED: College has course(s)for articulation	
	OR			OR	
UWRITING 1	Expository Writing	(4)	ENGL 101	English Composition	(3)
			ENGL 101H	Honors - English Composition	(4)
	OR			OR	

	Style in the Essay UWRITING 18 OR	(4)	ENGL 103 	Critical Reading, Writing and Thinking OR	(3)
UWRITING 49 Formerly UV	Writing Research Papers WRITING 19	(4)	ENGL 103	Critical Reading, Writing and Thinking	(3)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106 	Organismal and Environmental Biology	(4)
	ALL OF THE F	OLLO	WING COURSES		
LND ARC 1	Intro Environ Design	(4)	!	ARTICULATED: College has course(s) for articulat:	
LND ARC 2	Place, Culture, Community	(4)	NO COMPARA	BLE COURSE	
LND ARC 3	Sustainable Development	(4)		ARTICULATED: College has course(s) for articulate	
LND ARC 21	Landscape Rep I	(4)	NO COMPARA	BLE COURSE	
Formerly	Design Visualization				
LND ARC 30	History Environ Design	(4)	NO COMPARAE	BLE COURSE	
LND ARC 50	Site Ecology	(4)	NO COMPARA	BLE COURSE	
LND ARC 70	Intro to Spacemaking	(4)	NO COMPARA	BLE COURSE	
AND ONE COURSE IN A PHYSICAL SCIENCE					

e) If a student takes ENGL 103 at College of the Canyons, credit will be given for UC Davis's UWP 18 or 19, not both.

====Textiles and Clothing B.S. (Marketing/Economics)====
IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

The undergraduate major Textiles and Clothing in the College of Agricultural and Environmental Sciences is suspended for 2019-20, and fall 2019 TAGs will not be available.

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is $\frac{\text{highly recommended}}{\text{Preparing well for}}$ that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. See the UC Transfer Admission website for details. UC Davis requires that students complete the minimum transfer admission requirement by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General
Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College of Agricultural and Environmental Sciences (A&ES) General Education (GE) English Composition Requirement for the Bachelor's Degree:

The College of A&ES English Composition requirement for the Bachelor's degree is an element of the UC Davis General Education (GE) pattern. This GE requirement may be satisfied by completing either two courses emphasizing written expression OR one course emphasizing written expression and one course emphasizing oral expression, with a grade of C- (or P) or better. The following UC Davis lower-division courses are among those that have been approved to satisfy this requirement: English 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (emphasis in either writing or speaking skills). The English Composition requirement may also be met by achieving a score of 4 or 5 on the Advanced Placement (AP) English examination PLUS completing any previously listed course, EXCEPT English 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC transfer students who have successfully completed the IGETC lower-division coursework are exempt from all GE requirements that may be met with lower-division courses. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer admission. See the UC Transfer Admission website. The courses used for the A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

Advanced Discount (AD)and Intermedianal Description (ID) Businetic Water

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ are also available from our TAG website.

PL SCI 21 Computers in Technology (3) NO COMPARABLE COURSE
OR OR
B) ENG CS 15 Intro to Computers (4) NO COMPARABLE COURSE

OR
ENG CS 36A Programming
Formerly ENG CS 30

(4) CMPSCI 111 Introduction to

Computer Algorithms and Programming/JAVA

Please note that the community college's computer science courses may not be identical to UC Davis courses. Community college students, upon transfer to UC Davis, may need to make up any topic or language deficiencies.

	Princ of Microecon Princ of Macroecon				
	4 QUARTER UNITS	FRO	M THE FOLI	LOWING:	
ANTHRO 2	Cultural Anthropology	(5)	ANTHRO 10	03 Cultural	(3)
			į	Anthropology	
007.000.1	OR	(4)		OR	
SCI&SOC I	Critical Inquiry into Contemporary Issues	(4)	NO COMPAR	RABLE COURSE	
	OR		 	OR	
ARTHI 1A	Ancient Mediterranean Art	(4)	ART 110	Art History: Ancient to	(3)
				Medieval	
ADMIT 1D	OR Modians Danaiga Ant	(1)	 	OR Art History: Ancient to	(2)
ARTHI 1B	Mediev&Renaiss Ait	(4)	ARI IIU <u>e</u> 	Medieval	(3)
			ART 111	Art History:	(3)
				Renaissance to Modern	
ADMIT 10	OR Baroque to Modern Art	(1)	 	OR	(2)
ARIHI IC	Baroque to Modern Art	(4)	ARI III 	Renaissance to Modern	(3)
	OR			OR	
ARTHI 1D	Arts of Asia	(4)	NO COMPAR	RABLE COURSE	
	ALL OF THE FO		WING COURS		
PHYSICS 1A	Principles Physics				
	OR			OR	
PHYSICS 10	Topics, Nonscientists	(4)	NO COMPAF 	RABLE COURSE	
PSYCH 1	General Psychology	(4)	PSYCH 101	l Introduction to	(3)
			 	Psychology	
			<u>OR</u> PSYCH 101	lH Introduction to	(3)
				Psychology - Honors	(3)
SOCIOL 2	Self and Society	(4)			
	Elementary Statistics	(4)	MATH 140		(4)
Same as:	STATIST 13Y		 OR	Statistics	
				H Introductory	(4)
				Statistics - Honors	. ,
			OR 1.0	4	(2)
			PSYCH 104 	4 Statistics for the Behavioral Sciences	(3)
TEX&CL 6				RABLE COURSE	
TEX&CL 7	Style & Cult Std	(4)	NO COMPAR	RABLE COURSE	
1 PV & CT 0	Textile Apparel Ind	(1)			
MGMT 11A	Elem Accounting	(4)	BUS 201 8		(5)
			 DIIG 202	Accounting I Principles of	/ F \
			DUS 202 	Accounting II	(5)
MGMT 11B	Elem Accounting	(4)	NO COMPAR	RABLE COURSE	

			_
CHEM 10	Concept of Chem	(4) NO COMPARABLE COURSE	
	OR	OR	
CHEM 2A	Genl Chemistry	(5) CHEM 201 General Chemistry I (6)
		OR	
		CHEM 201H General Chemistry I - (6)
		Honors	
			_
MATH 16A	Short Calculus	(3) MATH 211 Calculus I (5)
MATH 16B	Short Calculus	(3) MATH 212 Calculus II (5)
			-
	RESTRICTED	ELECTIVES (12 QUARTER UNITS):	

AGRESEC 18 Business Law (4) NO COMPARABLE COURSE DESIGN 77 Intro to Fashion Design (4) NO COMPARABLE COURSE MATH 16C Short Calculus (3) MATH 212 Calculus II (5) Foreign language units may be used to satisfy any or all of the required 12

END OF MAJOR

B) UCD ENG CS 15 not intended for Computer Science or Computer Science Engineering majors. Only two units of credit allowed to students who have completed PLT SCI 21.

====Textiles and Clothing B.S. (Textile Science)==== 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 highly recommended that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. See the UC Transfer Admission website for details. UC Davis requires that students complete the minimum transfer admission requirement by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts

partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College of Agricultural and Environmental Sciences (A&ES) General Education (GE) English Composition Requirement for the Bachelor's Degree:

The College of A&ES English Composition requirement for the Bachelor's degree is an element of the UC Davis General Education (GE) pattern. This GE requirement may be satisfied by completing either two courses emphasizing written expression OR one course emphasizing written expression and one course emphasizing oral expression, with a grade of C- (or P) or better. The following UC Davis lower-division courses are among those that have been approved to satisfy this requirement: English 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (emphasis in either writing or speaking skills). The English Composition requirement may also be met by achieving a score of 4 or 5 on the Advanced Placement (AP) English examination PLUS completing any previously listed course, EXCEPT English 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC transfer students who have successfully completed the IGETC lower-division coursework are exempt from all GE requirements that may be met with lower-division courses. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer admission. See the UC Transfer Admission website. The courses used for the A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ are also available from our TAG website.

PL SCI 21 Computers in Technology (3) NO COMPARABLE COURSE
OR

B) ENG CS 15 Intro to Computers
OR

CN

ENG CS 36A Programming
Formerly ENG CS 30

Computer Algorithms
and Programming/JAVA

OR

(4) CMPSCI 235 C Programming (3)

Please note that the community college's computer science courses may not be identical to UC Davis courses. Community college students,

upon transfer to UC Davis, may need to make up any topic or language deficiencies.

ECON 1A ECON 1B	Princ of Microecon Princ of Macroecon	(4)	ECON 202 Microeconomics (3 ECON 201 Macroeconomics (3
			M THE FOLLOWING:
ANTHRO 2	Cultural Anthropology OR	(5)	ANTHRO 103 Cultural (3 Anthropology OR
SCI&SOC 1	Critical Inquiry into Contemporary Issues OR	(4)	
ARTHI 1A		(4)	ART 110 Art History: Ancient to (3) Medieval
ARTHI 1B	OR Mediev&Renaiss Art	(4)	OR ART 110 & Art History: Ancient to (3) Medieval ART 111 Art History: (3)
ARTHI 1C	OR Baroque to Modern Art	(4)	Renaissance to Modern OR ART 111 Art History: (3)
ARTHI 1D	OR Arts of Asia	(4)	Renaissance to Modern OR NO COMPARABLE COURSE
	ATT OF THE E		
PHYSICS 1A	Principles Physics OR	-	
PHYSICS 10	Topics, Nonscientists	(4)	
PSYCH 1	General Psychology	(4)	PSYCH 101 Introduction to (3) Psychology OR
			PSYCH 101H Introduction to (3) Psychology - Honors
SOCIOL 2	Self and Society	(4)	NO COMPARABLE COURSE
			MATH 140 Introductory (4) Statistics OR
			MATH 140H Introductory (4 Statistics - Honors
			OR PSYCH 104 Statistics for the (3) Behavioral Sciences
TEX&CL 6 TEX&CL 7 TEX&CL 8	Intro Textiles Style & Cult Std Textile Apparel Ind	(4) (4) (4)	NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE
CHEM 2A			CHEM 201 General Chemistry I (6) OR
CHEM 2B	Genl Chemistry	(5)	Honors CHEM 201 & General Chemistry I (6) CHEM 202 General Chemistry II (5)
	Organic Chem-Brief Organic Chem-Brief		NO COMPARABLE COURSE

MATH 16A	Short Calculus	(3)	MATH 211	Calculus I	(5)
	RESTRICTED ELECTIVES	(16	QUARTER UN	ITS):	
AGRESEC 18	Business Law	(4)	NO COMPARA	BLE COURSE	
CHEM 2C	Genl Chemistry	(5)	CHEM 202	General Chemistry II	(5)
CHEM 128A	Organic Chemistry	(3)	CHEM 255	Organic Chemistry I	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 255 &	Organic Chemistry I	(5)
			CHEM 256	Organic Chemistry II	(5)
CHEM 128C	Organic Chemistry	(3)	CHEM 256	Organic Chemistry II	(5)
DESIGN 77	Intro to Fashion Design	(4)	NO COMPARA	BLE COURSE	
MGMT 11A	Elem Accounting	(4)	BUS 201 &	Principles of	(5)
			i	Accounting I	
			BUS 202	Principles of	(5)
			İ	Accounting II	
MGMT 11B	Elem Accounting	(4)	NO COMPARA	BLE COURSE	
MATH 16B	_		!		(5)
MATH 16C	Short Calculus	(3)	MATH 212	Calculus II	(5)
SOCIOL 25	Popular Culture	(4)	NO COMPARA	BLE COURSE	
	nguage units may be used to				
units.	·		- -	-	

B) UCD ENG CS 15 not intended for Computer Science or Computer Science Engineering majors. Only two units of credit allowed to students who have completed PLT SCI 21.

====Theatre and Dance A.B.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation.

Transfer students must also meet UC transfer admission requirements. For details, see the UC Davis transfer admission webpage. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration, it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

All students completing a major in theatre and dance must participate in dramatic productions, including work in at least two of the following three areas: acting/dance; design (scenic, costume, lighting, painting, props, sound); directing/playwriting/stage management and crew assignments. Transfer students should see the major advisor at UC Davis for an evaluation of their previous experience.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General

Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for

students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See

http://llc.ucdavis.edu/foreign-language-placement-exams and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 General Catalog . Quick reference charts for AP and IB are also available from our TAG website.

NOTE: Lower-division preparation for the Honors A.B. major in Theatre and Dance is the same as that below.

ONE COURSE FROM THE FOLLOWING:

DRAMART	21A	Fundamentals of Act	(4)	THEATR 140 Acting Fundamentals (3)
DRAMART	40A	Beg Modern Dance	(2)	NO COMPARABLE COURSE
DRAMART	40B	Int Modern Dance	(2)	NO COMPARABLE COURSE
DRAMART	42A	Beg Ballet	(2)	NO COURSE ARTICULATED: College has not
				submitted course(s) for articulation
DRAMART	42B	Inter Ballet	(2)	NO COURSE ARTICULATED: College has not
				submitted course(s) for articulation

ALL OF THE FOLLOWING COURSES.

	ALL OF THE FOLLO	WING COURSES:
DRAMART 28	Stagecraft & Management (4)	NO COURSE ARTICULATED: College has not
		submitted course(s)for articulation
DRAMART 55	Cont Theatre Dance Perf (4)	NO COURSE ARTICULATED: College has not
		submitted course(s)for articulation
DRAMART 56A	Hist Theatre Dance I (4)	NO COURSE ARTICULATED: College has not
		submitted course(s)for articulation
DRAMART 56B	Hist Theatre Dance II (4)	NO COURSE ARTICULATED: College has not
		submited course(s)for articulation
DRAMART 56C	Hist Theatre Dance III (4)	NO COURSE ARTICULATED: College has not
		submited course(s)for articulation

END OF MAJOR

====Viticulture and Enology B.S.====

Special Advising Note:

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

This major is selective and requires preparatory coursework for admission. Any required courses that are offered at your current campus must be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses are not offered at your college, you must complete them after enrolling at UC Davis.

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 3.00 for the group. It is required that candidates have a cumulative GPA of at least 3.00 for courses in the group below that have been completed by the time of application and maintain the GPA through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

General Chemistry 2A/B/C Organic Chemistry 8A Mathematics 16A Physics 1A/B or 7A Biological Sciences 2A

It is strongly recommended that students complete courses comparable to the following UC Davis courses; if taken, the student must have a GPA of at least 3.00 for the entire group of courses listed above and below. Courses must be taken for a letter grade, with no grade less than C:

Organic Chemistry 8B Mathematics 16B Plant Sciences 2

Transfer students must also meet UC transfer admission requirements. UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General
Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College of Agricultural and Environmental Sciences (A&ES) General Education (GE) English Composition Requirement for the Bachelor's Degree:

The College of A&ES English Composition requirement for the Bachelor's degree is an element of the UC Davis General Education (GE) pattern. This GE requirement may be satisfied by completing either two courses emphasizing written expression OR one course emphasizing written expression and one course emphasizing oral expression, with a grade of C- (or P) or better. The following UC Davis lower-division courses are among those that have been approved to satisfy this requirement: English 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (emphasis in either writing or speaking skills). The English Composition requirement may also be met by achieving a score of 4 or 5 on the Advanced Placement (AP) English examination PLUS completing any previously listed course, EXCEPT English 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC transfer students who have successfully completed the IGETC lower-division coursework are exempt from all GE requirements that may be met with lower-division courses. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer admission. See the UC Transfer Admission website. The courses used for the A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ are also available from our TAG website.

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSCI 107 OR	Molecular and (4) Cellular Biology
			<u>OK</u> BIOSCI 107 	7H Molecular and (4) Cellular Biology - Honors
	OR			OR
PL SCI 2	Bot Physio Cul Plt	(4)	NO COMPARA	ABLE COURSE
CHEM 2A	Genl Chemistry	(5)	CHEM 201	General Chemistry I (6)
			CHEM 201H 	General Chemistry I - (6) Honors
CHEM 2B	Genl Chemistry	(5)	CHEM 201 &	General Chemistry I (6)
	1	(-)	: -	General Chemistry II (5)
CHEM 2C	Genl Chemistry	(5)	!	General Chemistry II (5)
CHEM 8A CHEM 8B	Organic Chem-Brief Organic Chem-Brief		!	ABLE COURSE ABLE COURSE
PL SCI 21	Computers in Technology	(3)	NO COMPARA	ABLE COURSE

MATH 16A MATH 16B	Short Calculus Short Calculus		!	Calculus Calculus		 (5) (5)
PHYSICS 1A	Principles Physics AND	(3)	NO COMPARABL 	E COURSE AND		
PHYSICS 1B	Principles Physics OR	(3)	NO COMPARABL	E COURSE OR		
PHYSICS 7A	General Physics	(4)	PHYSIC 110	•	Physics 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.

VIT-ENO 2	Intro to Viticult	(2) NO COMPARABLE COURSE
VIT-ENO 3	Intro Winemaking	(3) NO COMPARABLE COURSE

END OF MAJOR

====Wildlife, Fish and Conservation Biology B.S.==== Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is <a href="https://doi.org/10.1001/journal-no.1001

Transfer students must also meet UC transfer admission requirements. See the UC Transfer Admission website for details. UC Davis requires that students complete the minimum transfer admission requirement by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

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CCC transfer students who have successfully completed the IGETC lower-division coursework are exempt from all GE requirements that may be met with lower-division courses. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

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*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

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UWRITING 1	Expository Writing	(4)	ENGL 101	English Composition	(3)
	AND		<u>==-</u> ENGL 101H 	Honors - English Composition AND	(4)
COMUNCN 1	Intro Public Spkg	(4)	COMS 105	Fundamentals of Public Speaking	(3)
	OR		COMS 105H	Fundamentals in Public Speaking- Honors OR	(3)
COMUNCN 3	Intprsnl Com Cmpetnce OR	(4)	COMS 246		(3)
DRAMART 10 Note: Complete College requi	Intro To Acting ting UWP 1 and Communica		1	RABLE COURSE	
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSCI 10	7 Molecular and Cellular Biology	(4)

			OR
			BIOSCI 107H Molecular and (4) Cellular Biology - Honors
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106 Organismal and (4) Environmental Biology
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life		
CHEM 2A Ge	enl Chemistry	(5)	CHEM 201 General Chemistry I (6) OR CHEM 201H General Chemistry I - (6)
			Honors
CHEM 2B Ge	enl Chemistry		CHEM 201 & General Chemistry I (6) CHEM 202 General Chemistry II (5)
CHEM 8A Or	rganic Chem-Brief	(2)	NO COMPARABLE COURSE
CHEM 8B O1	rganic Chem-Brief	(4)	NO COMPARABLE COURSE
	Short Calculus	(3)	MATH 211 Calculus I (5)
			MATH 212 Calculus II (5)
	Principles Physics Principles Physics		
10	NE COURSE FROM THE FOLLOW	ING	(3-4 QUARTER UNITS):
W&F BIO 10	Wildl Ecol Conserve	(4)	NO COMPARABLE COURSE
W&F BIO 50	Calif Wild Vertebrates	(3)	NO COURSE ARTICULATED: College has not
5.50 51		(2)	submitted course(s) for articulation
W&F BIO 51	Intro to Conservation Biology	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
RECOM		LDLI	FE HEALTH AREA OF SPECIALIZATION:
CHEM 2C Ge	enl Chemistry	(5)	CHEM 202 General Chemistry II (5)
			CHEM 255 Organic Chemistry I (5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 255 & Organic Chemistry I (5) CHEM 256 Organic Chemistry II (5)
CHEM 118C	Org Chem, Hlth & Sci		CHEM 256 Organic Chemistry II (5)
PHYSICS 7A	General Physics	(4)	PHYSIC 110 & General Physics I (4)
DUVETCE 7D	Conoral Physics	(1)	PHYSIC 111 General Physics II (4)
PHYSICS 7B	General Physics	(4)	PHYSIC 110 & General Physics I (4) PHYSIC 111 General Physics II (4)
PHYSICS 7C	General Physics	(4)	PHYSIC 110 & General Physics I (4)
	-	. ,	PHYSIC 111 General Physics II (4)

====Worksheet UGA (ENG)====

IMPORTANT ADVISORY REGARDING THIS WORKSHEET

This worksheet serves as an administrative tool and should not be used to determine specific major preparation for UC Davis College of Engineering majors.

View the "By Major" section of ASSIST to best assess the requirements for your major of interest.

This worksheet provides a listing of lower-division preparatory courses required for certain College of Engineering majors and may be helpful in correlation with review of the College of Engineering Transfer Credit Agreements (engineering grids) available at http://engineering.ucdavis.edu/transfer-credit-agreements/

MATH	21A	Calculus	(4)	MATH	211	Calculus I	(5)
MATH	21B	Calculus	(4)	MATH	212	Calculus II	(5)
MATH	21C	Calculus	(4)	MATH	213	Calculus III	(5)
MATH	21D	Vector Analysis	(4)	MATH	213	Calculus III	(5)
MATH	22A	Linear Algebra	(3)	MATH	214	Linear Algebra	(3)
MATH	22B	Differntl Equations	(3)	MATH	215	Differential Equations	(3)
CHEM	2A	Genl Chemistry	(5)	CHEM	201 OR	General Chemistry I	(6)
				1 -	201H	General Chemistry I - Honors	(6)
CHEM	2B	Genl Chemistry	(5)	CHEM CHEM		_	(6) (5)
CHEM	2C	Genl Chemistry	(5)	CHEM	202	General Chemistry II	(5)
CHEM	8A	Organic Chem-Brief	(2)	NO CO	OMPARAB	LE COURSE	
CHEM	8B	Organic Chem-Brief	(4)	NO CO	OMPARAB	LE COURSE	
CHEM	118A	Org Chem, Hlth & Sci	(4)	CHEM	255	Organic Chemistry I	(5)
CHEM	118B	Org Chem, Hlth & Sci	(4)	CHEM	255 <u>&</u> 256		(5) (5)
CHEM	128A	Organic Chemistry	(3)	CHEM	255	Organic Chemistry I	(5)
CHEM	128B	Organic Chemistry	(3)	CHEM CHEM	255 <u>&</u> 256	_	(5) (5)
CHEM	129A	Organic Chem Lab	(2)	CHEM	255	Organic Chemistry I	(5)
PHYSI	ICS 9A	Classical Physics	(5)	 	IC 220	Scientists and Engineers: Mechanics of Solids and Fluids	(4)
				 PHYS: 	IC 222	Electricity and Magnetism Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSI	ICS 9B	Classical Physics	(5)	PHYS: 	IC 220	<pre>Physics for Scientists and Engineers: Mechanics of Solids and Fluids</pre>	(4)
				PHYS: 	IC 221		(4)

		PHYSIC 222 	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9C Classical Physics	(5)	PHYSIC 220 <u>&</u> 	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
		 PHYSIC 221 <u>&</u> 		(4)
		 PHYSIC 222 	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9D Modern Physics	(4)	NO COMPARABLE	COURSE	
	(4)	NO COMPARABLE 	COURSE	
ENGIN 4 Graphics in Design	(3)			
ENGIN 6 Engr Prob Solving	(4)	NO COMPARABLE	COURSE	
ENGIN 17 Circuits I	(4)	ENGR 153 E	lectrical Circuits	(4)
ENGIN 35 Statics	(4)	ENGR 152 St	tatics	(3)
ENGIN 45 Prop of Mats	(4)	ENGR 151L	Materials of Engineering Materials of Engineering Lab	(3)
ENG CS 20 C Sci/Discrete Math				
ENG CS 20 C SCI/DISCIPLE MALII	(4)	CMPSCI 256		
ENG CS 20 C SCI/Discrete Math ENG CS 36A Programming Formerly ENG CS 30		 CMPSCI 111 		
ENG CS 36A Programming		CMPSCI 111 <u>OR</u>	Introduction to Computer Algorithms and Programming/JAVA C Programming	(3)
ENG CS 36A Programming Formerly ENG CS 30 ENG CS 36B Object-Oriented Program Formerly ENG CS 40	 (4)	CMPSCI 111 OR CMPSCI 235	Introduction to Computer Algorithms and Programming/JAVA C Programming C++ Object Oriented Programming	(3)
ENG CS 36A Programming Formerly ENG CS 30 ENG CS 36B Object-Oriented Program Formerly ENG CS 40 ENG CS 50 Machine Dependent Prog	 (4) (4)	CMPSCI 111 <u>OR</u> CMPSCI 235 CMPSCI 236	Introduction to Computer Algorithms and Programming/JAVA C Programming C++ Object Oriented Programming	(3)
ENG CS 36A Programming Formerly ENG CS 30 ENG CS 36B Object-Oriented Program Formerly ENG CS 40 ENG CS 50 Machine Dependent Prog ENG CS 36C Data Structures Formerly ENG CS 60	 (4) (4) (4)	CMPSCI 111 OR CMPSCI 235 CMPSCI 236 NO COMPARABLE CMPSCI 282	Introduction to Computer Algorithms and Programming/JAVA C Programming C++ Object Oriented Programming COURSE Advanced Data Structures	(3)
ENG CS 36A Programming Formerly ENG CS 30 ENG CS 36B Object-Oriented Program Formerly ENG CS 40 ENG CS 50 Machine Dependent Prog ENG CS 36C Data Structures Formerly ENG CS 60 ENG BS 1 Biosys Engr Fndts	 (4) (4) (4)	CMPSCI 111 OR CMPSCI 235 CMPSCI 236 NO COMPARABLE CMPSCI 282	Introduction to Computer Algorithms and Programming/JAVA C Programming C++ Object Oriented Programming COURSE Advanced Data Structures COURSE	(3)
ENG CS 36A Programming Formerly ENG CS 30 ENG CS 36B Object-Oriented Program Formerly ENG CS 40 ENG CS 50 Machine Dependent Prog ENG CS 36C Data Structures Formerly ENG CS 60	 (4) (4) (4) (4)	CMPSCI 111 OR CMPSCI 235 CMPSCI 236 NO COMPARABLE CMPSCI 282 NO COMPARABLE	Introduction to Computer Algorithms and Programming/JAVA C Programming C++ Object Oriented Programming COURSE Advanced Data Structures COURSE	(3)
ENG CS 36A Programming Formerly ENG CS 30 ENG CS 36B Object-Oriented Program Formerly ENG CS 40 ENG CS 50 Machine Dependent Prog ENG CS 36C Data Structures Formerly ENG CS 60 ENG BS 1 Biosys Engr Fndts ENG BS 75 Prop Mat in Bio Sys	 (4) (4) (4) (4) (4)	CMPSCI 111 CMPSCI 235 CMPSCI 236 CMPSCI 236 NO COMPARABLE CMPSCI 282 NO COMPARABLE NO COMPARABLE	Introduction to Computer Algorithms and Programming/JAVA C Programming C++ Object Oriented Programming COURSE Advanced Data Structures COURSE COURSE COURSE	(3) (3) (3) (3) (3)

ENG CHM 60 E	ngineering Problem Solv	(4)	NO COURSE A	RTICULATED
ENG CHM 80	Chem Engr Profession	(1)	NO COMPARABI	LE COURSE
ENG E&C 7 Pr	og & Microcontrollers	(4)	NO COURSE AI 	RTICULATED
UWRITING 1	Expository Writing	(4)	ENGL 101 <u>OR</u> ENGL 101H	English Composition (3) Honors - English (4) Composition
ENGLISH 3	Intro to Lit	(4)		RTICULATED: College has not burse(s)for articulation
COMUNCN 1	Intro Public Spkg	(4)	COMS 105 OR	Fundamentals of (3) Public Speaking
			COMS 105H 	Fundamentals in (3) Public Speaking- Honors
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	COMS 246 	Interpersonal (3) Communication
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSCI 107 OR	Molecular and (4) Cellular Biology
			<u>OR</u> BIOSCI 107H 	Molecular and (4) Cellular Biology - Honors
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106 	Organismal and (4) Environmental Biology
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life		BIOSCI 106 	Organismal and (4) Environmental Biology
c) GEOLOGY 50	Physical Geology	(3)	GEOL 101 	Physical Geology (3)
ATM SCI 60	Intro to Atmospheric Science	(4)	NO COMPARABI 	LE COURSE

- $_{\rm C})$ This course is not strictly comparable with UC Davis courses but will fulfill the introductory physical geology requirement for the geology major at UC Davis.
- ${\rm f}\,)$ If a student takes GEOL 101 at College of the Canyons, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.