18-19 General Catalog Quarter | 18-19 General Catalog Semester

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

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

Special Advising Note:

To: UC Davis

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

Special Advising Note:

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

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

END OF MAJOR

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

Education(GE) Note:

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

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

ONE COURSE FROM THE FOLLOWING:

ANTHRO 2	Cultural Anthropology	(5)	ANTHRO 2	Cultural Anthropology	(3)
ECON 1A	Princ of Microecon	(4)	ECON 1B	Principles of	(3)
				Microeconomics	
ECON 1B	Princ of Macroecon	(4)	ECON 1A	Principles of	(3)
				Macroeconomics	
SOCIOL 1	Intro Sociology	(5)	SOC 1A	Introduction to	(3)
				Sociology	
POL SCI 1	Amer Natl Govt	(4)	POLSCI 2	American Government	(3)
POL SCI 2	Intro Comp Politics	(4)	POLSCI 5	Comparative Government	(3)
PSYCH 1	General Psychology	(4)	PSY 2	General Psychology	(3)
			OR		
			PSY 2H	Honors General	(3)
				Psychology	

ONE COURSE FROM THE FOLLOWING:

AMR STD 10 A A STD 1 A A STD 2	NA Experience	(4) (4) (4) (4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COMPARABLE COURSE NO COMPARABLE COURSE
			·
	TWO COURSES	FROM '	THE FOLLOWING:
HISTORY 15B HISTORY 17A	-	(4) (4)	· ·
			1865
	4 OHADTED HALT	e ebo	M THE FOLLOWING:
	4 QUARIER UNII	.S FRO	M THE FOLLOWING:
AF-AMST 51 DRAMART 41A	Beg Jazz Dance	(4) (2)	NO COMPARABLE COURSE
	Inter Jazz Dance		
DRAMART 44A	Beg Hip Hop Dance	(2-4)	NO COURSE ARTICULATED: College has not
DRAMART 44B	Inter Hip Hop Dance	(2-4)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MUSIC 28	Introduction to African	(4)	NO COMPARABLE COURSE

END OF MAJOR

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

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

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

Transfer Admission Guarantee (TAG) Note:

American Music

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

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

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

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

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

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

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

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

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

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

(4) | HIST 11 History of the United (3) HISTORY 17A U.S. History States to 1877 OR OR POL SCI 1 Amer Natl Govt (4) POLSCI 2 American Government (3)

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

AN SCI 2 Intro Animal Sci AN SCI 21 Livestock&Dairy Jdg	(4) NO COMPARABLE COURSE (2) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AN SCI 41 Domestic Ani Prod	(2) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ABIOSYT 16 Metal Prop & Fabr	(2) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ABIOSYT 49 Fld Equip Oper ABIOSYT 52 Field Equip Welding	(2) NO COMPARABLE COURSE (2) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AGRESEC 15 Pop,Envr,World Agri AND	(4) NO COMPARABLE COURSE AND
ECON 1A Princ of Microecon	(4) ECON 1B Principles of Microeconomics (3)
OR ECON 1B Princ of Macroecon	OR (4) ECON 1A Principles of (3) Macroeconomics
ENVHORT 1 Intro Envhort/Urb For	(3) NO COMPARABLE COURSE
ENVHORT 6 Intro Environ Plants	(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PL SCI 5 Plants Gard, Orch & Land	(2) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
FORMERLY PLANT BIO 1	·
ENV S&P 10 Current Issues in Environment	(3) NO COMPARABLE COURSE
ENV S&P 10 not open for credit to	students who have completed ENV S&P 1
ENV TOX 10 Intro Environ Toxicology	(3) NO COMPARABLE COURSE
HYDRO S 10 Water, Power, Society Same as: SCI&SOC 10	(3) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PL SCI 1 Agr Nature & Society	(3) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PL SCI 2 Bot Physio Cul Plt	(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PL SCI 15 Intro Sustainable	(4) NO COURSE ARTICULATED: College has not
Agriculture PL SCI 49 Org Crop Prod Prac	submitted course(s) for articulation (3) NO COURSE ARTICULATED: College has not
VIT-ENO 2 Intro to Viticult	submitted course(s) for articulation
	· ·
VIT-ENO 3 Intro Winemaking	submitted course(s)for articulation
	submitted course(s)for articulation (3) NO COMPARABLE COURSE
ALL OF THE F	submitted course(s)for articulation (3) NO COMPARABLE COURSE
ALL OF THE F BIOLSCI 2A Intro Biology:Life on Earth	submitted course(s)for articulation (3) NO COMPARABLE COURSE FOLLOWING COURSES: (5) BIOL 11A Biology for Science (5) Majors I
ALL OF THE F BIOLSCI 2A Intro Biology:Life on Earth	submitted course(s)for articulation (3) NO COMPARABLE COURSE FOLLOWING COURSES: (5) BIOL 11A Biology for Science (5)
ALL OF THE F BIOLSCI 2A Intro Biology:Life on Earth BIOLSCI 2B Intro Biology: Ecology & Evolution	submitted course(s)for articulation (3) NO COMPARABLE COURSE FOLLOWING COURSES: (5) BIOL 11A Biology for Science (5)
ALL OF THE F BIOLSCI 2A Intro Biology: Life on Earth BIOLSCI 2B Intro Biology: Ecology & Evolution	submitted course(s)for articulation (3) NO COMPARABLE COURSE FOLLOWING COURSES: (5) BIOL 11A Biology for Science (5)
ALL OF THE F BIOLSCI 2A Intro Biology: Life on Earth BIOLSCI 2B Intro Biology: Ecology & Evolution	submitted course(s)for articulation (3) NO COMPARABLE COURSE FOLLOWING COURSES: (5) BIOL 11A Biology for Science (5)
ALL OF THE F BIOLSCI 2A Intro Biology: Life on Earth BIOLSCI 2B Intro Biology: Ecology & Evolution CHEM 2A Genl Chemistry CHEM 2B Genl Chemistry	submitted course(s)for articulation (3) NO COMPARABLE COURSE FOLLOWING COURSES: (5) BIOL 11A Biology for Science (5)
ALL OF THE F BIOLSCI 2A Intro Biology: Life on Earth BIOLSCI 2B Intro Biology: Ecology & Evolution CHEM 2A Genl Chemistry CHEM 2B Genl Chemistry f) GEOLOGY 1 The Earth	submitted course(s)for articulation (3) NO COMPARABLE COURSE FOLLOWING COURSES: (5) BIOL 11A
ALL OF THE F BIOLSCI 2A Intro Biology: Life on Earth BIOLSCI 2B Intro Biology: Ecology & Evolution CHEM 2A Genl Chemistry CHEM 2B Genl Chemistry	submitted course(s)for articulation (3) NO COMPARABLE COURSE FOLLOWING COURSES: (5) BIOL 11A

	Environment		submitted	<pre>course(s)for articulatio</pre>	n
MATH 16A	Short Calculus	(3)	 MATH 5A	Math Analysis I	(5)
MATH 16B	Short Calculus	(3)	MATH 5B	Math Analysis II	(4)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has	not
			submitted	<pre>course(s) for articulati</pre>	on
MATH 17B	Calculus for Biosci	(4)	NO COURSE	ARTICULATED: College has	not
			submitted	<pre>course(s) for articulati</pre>	on
	OR		İ	OR	
MATH 21A	Calculus	(4)	MATH 5A	Math Analysis I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Math Analysis II	(4)
PHYSICS 7A	General Physics	(4)	: -	General Physics I	(4)
			PHYS 2B	General Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYS 2A &	General Physics I	(4)
			PHYS 2B	General Physics II	(4)

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 1 at Clovis Community College, credit will be given for UC Davis's GEOLOGY 1 or 50+50L, not both.

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG 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.

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

ONE COURSE FROM THE FOLLOWING:

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

ONE COURSE FROM THE FOLLOWING:

AF-AMST 10 A A STD 1 CHICANO 10	Af-Am Culture & Soc Hist Exp Asian Am Intro to Chic Std	(4) NO COMPARABLE COURSE (4) NO COMPARABLE COURSE (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 2 Cultural Anthropology	(3)
SOCIOL 2	Self and Society	(4) NO COMPARABLE COURSE	
WOM STD 50	Intro Gender Studies	(4) NO COMPARABLE COURSE	

HISTORY	17A	U.S. History	(4)	HIST		History of the United States to 1877	(3)
HISTORY	17B	U.S. History	(4)	HIST	12	History of the United States since 1865	(3)
				OF	2		
				HIST	12H	Honors History of the	(3)
						United States Since	
						1865	
HISTORY	72A	Am Women & Ge	ender (4)	NO CO	MPARAB	SLE COURSE	
HISTORY	72B	Am Women & Ge	ender (4)	NO CC	MPARAB	LE COURSE	

ONE COURSE FROM THE FOLLOWING:

ENGLISH 3 Intr	o to Lit	(4)	ENGL 	1B	Introduction to the Study of Literature	(3)
			OI	<u>R</u>		
			ENGL 	1BH	Honors Introduction to the Study of Literature	(3)
THE TOTAL 107 T '		(1)		463		(2)
ENGLISH 10A Li	teratures in English To 1700	(4)	ENGL	46A	English Literature to 1800	(3)
d) ENGLISH 10B	Literatures in English II:	(4)	ENGL 	43A	American Literature: Origins through	(3)
	1700-1900				Reconstruction (1877)	
			į oi	3.		
			ENGL	46B	English Literature from 1800 to the	(3)
					present	
d) ENGLISH 10C	Literatures in English III: 1900	(4)	ENGL 	43B	American Literature: 1877 to Present	(3)
	to Present		i oi	3.		
			ENGL	46B	English Literature from 1800 to the	(3)
			<u> </u>		present	
FILM ST 1 Intr	o to Film Studies	(4)	:		RTICULATED: College has course(s) for articulation	
	1.1.4.0		1			

Formerly Humanities 10

END OF MAJOR

 ${\tt d}$) Students who complete ENGL 46B at Clovis Community College will receive credit at UC Davis for ENGLISH 10B or 10C, not both.

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

Special Advising Note:

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

GPA and other requirements to obtain a UC Davis TAG 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.

BIOLSCI 2B	Earth Intro Biology: Ecology & Evolution	(5)	Majors I BIOL 11A & Biology for Science (5) Majors I BIOL 11B Biology for Science (5) Majors II
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	· -
			CHEM 1A General Chemistry (5) CHEM 1A & General Chemistry (5) CHEM 1B General Chemistry and Qualitative Analysis
CHEM 2C Ge	nl Chemistry	(5)	CHEM 1B General Chemistry and (5) Qualitative Analysis
CHEM 8A Or	ganic Chem-Brief	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
CHEM 8B Or	ganic Chem-Brief OR	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation OR
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 28A & Organic Chemistry I (3) CHEM 29A Organic Chemistry (2) Laboratory I
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 28A & Organic Chemistry I (3) CHEM 29A & Organic Chemistry (2) Laboratory I
			CHEM 28B & Organic Chemistry II (3) CHEM 29B Organic Chemistry (2) Laboratory II
MATH 16A S	hort Calculus	(3)	MATH 5A Math Analysis I (5)
	hort Calculus		MATH 5B Math Analysis II (4)
MATH 16C S	hort Calculus OR	(3)	MATH 5B Math Analysis II (4) OR
MATH 17A C	alculus for BioSci	(4)	NO COURSE ARTICULATED: College has not
матн 17в с	alculus for Biosci	(4)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 17C C	alculus for BioSci	(4)	NO COURSE ARTICULATED: College has not
	OR		submitted course(s) for articulation OR
MATH 21A C	alculus	(4)	MATH 5A Math Analysis I (5)
MATH 21B C	alculus	(4)	MATH 5B Math Analysis II (4) MATH 6 Math Analysis III (5)
MATH 21C C	alculus		MATH 6 Math Analysis III (5)
PHYSICS 7A			PHYS 2A & General Physics I (4)
PHYSICS 7B	General Physics	(4)	PHYS 2B General Physics II (4) PHYS 2A & General Physics I (4) PHYS 2B General Physics II (4)
PHYSICS 7C	General Physics	(4)	PHYS 2A & General Physics I (4) PHYS 2B General Physics I (4) PHYS 2B General Physics II (4)
their communi series before series may be Davis, and wi physics.	ty college that is equivalent transferring. Students we required to take additional need to meet with a UC	alen who onal C Da	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
STATIST 13			MATH 11 Elementary Statistics (4) OR

AN BIOL 50	OA Animal	Biol Lab			ARTICULATED: College has not
				submitted	course(s) for articulation
AN BIOL 50	OB Animal	Biology	(3)		ARTICULATED: College has not
				submitted	course(s) for articulation
AN BIOL 50	OC Animal	Biology	(3)	NO COURSE	ARTICULATED: College has not
				submitted	course(s) for articulation

END OF MAJOR

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

Special Advising Note:

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

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

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 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.

	Domest Ani & People Intro Animal Sci	٠,	NO COMPARABLE COURSE NO COMPARABLE COURSE	
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 11A Biology for Science (Majors I	5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 11A & Biology for Science (Majors I	5)
			Majors II	5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life		BIOL 11B Biology for Science (Majors II 	5)
	Genl Chemistry Genl Chemistry	. ,	CHEM 1A General Chemistry (CHEM 1A & General Chemistry (CHEM 1B General Chemistry and (Qualitative Analysis	
CHEM 8A	Organic Chem-Brief	(2)	NO COURSE ARTICULATED: College has n submitted course(s)for articulation	iot
CHEM 8B	Organic Chem-Brief	(4)	NO COURSE ARTICULATED: College has n submitted course(s)for articulation	ot
PL SCI 21	Computers in Technology	(3)	NO COURSE ARTICULATED: College has n submitted course(s)for articulation	ot
	OR		OR	
B) ENG CS	l5 Intro to Computers 	(4)	IS 15 Computer Concepts (3)
ECON 1A	Princ of Microecon	(4)	ECON 1B Principles of (3)

	Princ of Macroecon	(4)	Microeconomics ECON 1A Principles of (3 Macroeconomics	
		(4)	ACCTG 4A $\underline{\&}$ Financial Accounting (4)
	Elem Accounting		ACCTG 4B Managerial Accounting (4 NO COMPARABLE COURSE	
MATH 16A				
MATH 16B	Short Calculus	(3)	MATH 5AMath Analysis I(5 MATH 5BMath Analysis II(4 MATH 5BMath Analysis II(4)
MATH 16C	OR		OR	
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 submitted course(s) for articulation	t
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has no submitted course(s) for articulation	t
	OR		OR	
MATH 21A	Calculus	(4)	MATH 5A Math Analysis I (5)
MATH 21B			MATH 5B Math Analysis II (4	
MATH 21C			MATH 6 Math Analysis III (5	
	AREAS OF S	PECI	ALIZATION:	
	AQUATIC AN	IMAL	S SPECIALIZATION	
	Intro Aquaculture	(4)	NO COMPARABLE COURSE	
	COMPANION A	 NIMA	LS SPECIALIZATION	-
AN SCI 42	Intro Comp Ani Bio	(4)	NO COMPARABLE COURSE	
	DAIRY SPE	CIAL	IZATION	_
AN SCI 41	Domestic Ani Prod	(2)	NO COURSE ARTICULATED: College has no	t
AN SCT 41T.	Domest An Drod Lah	(2)	submitted course(s)for articulation NO COURSE ARTICULATED: College has no	+
		(2)	submitted course(s)for articulation	C
	EQUINE SP	ECIA	LIZATION	_
AN SCI 15	Intro Horse Husb	(3)	NO COURSE ARTICULATED: College has no	t
			submitted course(s)for articulation	_
	LIVESTOCK	SPEC	IALIZATION	
AN SCI 41	Domestic Ani Prod	(2)	NO COURSE ARTICULATED: College has no	t
AN SCI 41L	Domest An Prod Lab	(2)	submitted course(s)for articulation NO COURSE ARTICULATED: College has no	t
			submitted course(s)for articulation	
	POULTRY S			_
AV SCI 11	Intro Poultry Sci	(3)	NO COMPARABLE COURSE	
	סקטיים דטיים פו פטיים	 ጥፐ\ <i>ን</i> ፡፡	S (12 QUARTER UNITS):	_
	KESIKICIED ELEC	<u> </u>	O (12 MOUNTER OUTID):	
	Business Law		BA 18 Business Law and the (4 Legal Environment)
				_

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

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

Special Advising Note:

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

AN SCI 2 AN SCI 41	Domest Ani & People Intro Animal Sci Domestic Ani Prod Domest An Prod Lab	(4)	NO COMPARABLE COURSE NO COMPARABLE COURSE NO COURSE ARTICULATED: College has not submitted course(s)for articulation NO COURSE ARTICULATED: College has not
			submitted course(s)for articulation
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 11A Biology for Science (5) Majors I
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 11A & Biology for Science (5) Majors I
			BIOL 11B Biology for Science (5) Majors II
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 11B Biology for Science (5) Majors II
CHEM 2A CHEM 2B	Genl Chemistry Genl Chemistry		CHEM 1A General Chemistry (5) CHEM 1A & General Chemistry (5) CHEM 1B General Chemistry and (5) Qualitative Analysis
CHEM 8A	Organic Chem-Brief	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
CHEM 8B	Organic Chem-Brief	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHEM 118A	OR Org Chem, Hlth & Sci	(4)	OR CHEM 28A & Organic Chemistry I (3) CHEM 29A Organic Chemistry (2) Laboratory I
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 28A & Organic Chemistry I (3) CHEM 29A & Organic Chemistry (2) Laboratory I
			CHEM 28B & Organic Chemistry II (3) CHEM 29B Organic Chemistry (2) Laboratory II

MATH 16A MATH 16B	Short Calculus	(3) MATH 5A Math Analysis I (5) (3) MATH 5B Math Analysis II (4)					
MATH 17A	OR Calculus for BioSci	OR (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 21B	Calculus Calculus	(4) MATH 5A Math Analysis I (5) (4) MATH 5B Math Analysis II (4)					
	AREAS OF S	PECIALIZATION:					
	AQUATI	C ANIMALS					
	Intro Aquaculture						
	AVIAN SCIENCES						
	Birds,Humans & Env	· ·					
	COMPANION AND	CAPTIVE ANIMALS					
AN SCI 42	Intro Comp Ani Bio	(4) NO COMPARABLE COURSE					
	EQUINE	SCIENCE					
		(3) NO COURSE ARTICULATED: College has not submitted course(s) for articulation					
	LABORATO	RY ANIMALS					
AN SCI 42	Intro Comp Ani Bio	(4) NO COMPARABLE COURSE					
POULTRY							
AV SCI 11	Intro Poultry Sci	(3) NO COMPARABLE COURSE					
END OF MAJO	 R						
	====An+hro	pology A.B.====					
Special Adv	====Anthropology A.B.==== Special Advising Note:						

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

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

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG 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.

ANTHRO 1 Human Evol Biol (4) ANTHRO 1 Biological (3)
ANTHRO 2 Cultural Anthropology (5) ANTHRO 2 Cultural Anthropology (4) ANTHRO 3 Intr to Archaeology (4) ANTHRO 3 Introduction to (3)
Archaeology and Prehistory

ONE COURSE FROM THE FOLLOWING:

ANTHRO ANTHRO		Human Life Cycle Intr World Prehist		!	RABLE COURSE RABLE COURSE	
ANTHRO	24	Ancient Crops and People	(4)	NO COURS	E ARTICULATED: Co	llege has not
				submitte	d course(s) for a	rticulation
ANTHRO	50	Evolution and Human	(4)	NO COURS	E ARTICULATED: Co	llege has not
		Nature		submitte	d course(s)for ar	ticulation
ANTHRO	54	Intro to Primatology	(4)	NO COURS	E ARTICULATED: Co	llege has not
				submitte	d course(s)for ar	ticulation

ONE COURSE FROM THE FOLLOWING:

ANTHRO 13	Sci Method in Physical	(4)	NO COURSE	ARTICULATED: College has	not
	Anthropology		submitted	<pre>course(s) for articulati</pre>	.on
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARA	ABLE COURSE	
STATIST 13	Elementary Statistics	(4)	MATH 11	Elementary Statistics	(4)
Same as:	STATIST 13Y		OR		
			STAT 7	Elementary Statistics	(4)
STATIST 32	Gateway to Data Science	(4)	NO COMPARA	ABLE COURSE	

SOCIOCULTURAL EMPHASIS:

ANTHRO 2	Cultural Anthropology	(5) ANTHRO 2	Cultural Anthropology	(3)
	TWO COURSES	FROM THE FOLLOWIN	iG:	
ANTHRO 1	Human Evol Biol	(4) ANTHRO 1	Biological Anthropology	(3)
ANTHRO 3	Intr to Archaeology	(4) ANTHRO 3	Introduction to Archaeology and Prehistory	(3)
ANTHRO 4	Anthro Linguistics	(4) NO COMPARAE	BLE COURSE	

SELECT ONE OF THE FOLLOWING TWO OPTIONS:

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

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

END OF MAJOR

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

ANTHRO 1	Human Evol Biol	(4)	ANTHRO 1 Biological (3 Anthropology	3)
ANIMITED O	Cultural Parthuranalass	/ F \		٠ <i>١</i>
ANTHRO 2	Cultural Anthropology		!	3)
ANTHRO 3	Intr to Archaeology	(4)	I .	3)
			Archaeology and	
			Prehistory	
BIOLSCI 2A	Intro Biology:Life on	(5)	BIOL 11A Biology for Science (5	 5)
	Earth	(-)	Majors I	•
BIOLSCI 2B	Intro Biology: Ecology	(5)	<u>-</u>	5)
	& Evolution		Majors I	
			BIOL 11B Biology for Science (5	5)
			Majors II	
BIOLSCI 2C	Intro Biology:	(5)	BIOL 11B Biology for Science (5	5)
	Biodiversity & the Tree		Majors II	
	of Life			
	Genl Chemistry		CHEM 1A General Chemistry (5	5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A $\underline{\&}$ General Chemistry (5	
			CHEM 1B General Chemistry and (5	5)
			Qualitative Analysis	
CHEM 8A	Organic Chem-Brief	(2)	NO COURSE ARTICULATED: College has no	ot.
C11211 011	organic onem brief	(2)	submitted course(s)for articulation	, ,
CHEM 8B	Organic Chem-Brief	(4)	NO COURSE ARTICULATED: College has no	ot
		(- /	submitted course(s)for articulation	-
	OR		OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 28A & Organic Chemistry I (3	3)
		. ,	·	2)
			Laboratory I	•
CHEM 118B	Org Chem, Hlth & Sci	(4)	·	3)
			<u> </u>	2)
			Laboratory I	
				3)
			·	2)
			Laboratory II	
MATH 16A	Short Calculus			5)
MATH 16B	Short Calculus		;	4)
MATH 16C	Short Calculus OR	(3)	MATH 5B Math Analysis II (4 OR	4)
MATH 17A	Calculus for BioSci	(4)	OK NO COURSE ARTICULATED: College has no	٦+
	Calcalab for Diober	(1)	submitted course(s) for articulation	ے ر
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has no	ot
		/	submitted course(s) for articulation	_
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has no	ot
<u> </u>		/	submitted course(s) for articulation	_
	OR		OR	
MATH 21A	Calculus	(4)	MATH 5A Math Analysis I (5	5)
MATH 21B	Calculus		<u> </u>	4)
MATH 21C	Calculus			5)
			·	

ONE (COURSE	FROM	THE	FOLLOWING:
-------	--------	------	-----	------------

ANTHRO 13	Sci Method in Physical	(4)	NO COURSE	ARTICULATED: College h	nas not
	Anthropology		submitted	course(s) for articula	ation
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARA	ABLE COURSE	
STATIST 13	Elementary Statistics	(4)	MATH 11	Elementary Statistics	s (4)
Same as:	STATIST 13Y		OR		
			STAT 7	Elementary Statistics	s (4)
STATIST 32	Gateway to Data Science	(4)	NO COMPARA	ABLE COURSE	

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 $\frac{\text{highly recommended}}{\text{Preparing well for the major helps}}$ 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> Catalog for additional information about the Foreign Language and Area Requirements, College of Letters and Science.

Advanged Diagoment (AD) and International Reggalayments (ID) Examination Notes

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

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

available	from	0117	TAC	wohaito
avallable	i rom	OIIT.	TAG	websile.

MATH	21A	Calculus	(4)	MATH	5A	Math Analysis	s I	(5)
MATH	21B	Calculus	(4)	MATH	5B	Math Analysis	s II	(4)
MATH	21C	Calculus	(4)	MATH	6	Math Analysis	III	(5)
MATH	21D	Vector Analysis	(4)	MATH	6	Math Analysis	III	(5)
MATH	22B	Differntl Equations	(3)	MATH	17	Differential	Equations	(5)
						and Linear A	lgebra	
MATH	22AL	Lin Alg Comp Lab	(1)	NO CO	DURSE	ARTICULATED: 0	College has	not
				submi	itted	course(s)for a	articulatio:	n

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

MATH 22A	Linear Algebra	(3) MATH 17	Differential Equations (5)
		İ	and Linear Algebra
	AND	İ	AND
MATH 108	Intro Abstract Math	(4) This cours	se must be taken at UC Davis

OR SELECT THE FOLLOWING COURSE:

MATH 67	Modern Linear A	Algebra (4)	NO	COURSE	ARTICULATE	ED:	College	has	not
			sul	omitted	course(s)	for	articul	latic	n

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

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

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

______ STUDENTS WILL NEED TO CHOOSE ONE OF THE FOLLOWING TWO-COURSE SEQUENCES: BIOLSCI 2A Intro Biology:Life on (5) BIOL 11A Biology for Science (5) Earth Majors I BIOLSCI 2B Intro Biology: Ecology (5) BIOL 11A & Biology for Science & Evolution Majors I BIOL 11B Biology for Science (5) Majors II OR OR CHEM 2A Genl Chemistry (5) CHEM 1A General Chemistry (5) CHEM 2B Genl Chemistry (5) CHEM 1A & General Chemistry (5) CHEM 1B General Chemistry and Qualitative Analysis OR OR Princ of Microecon (4) ECON 1B Principles of ECON 1A (3) Microeconomics ECON 1B Princ of Macroecon (4) ECON 1A Principles of (3) Macroeconomics OR c) PHYSICS 9A Classical Physics (5) PHYS 4A & Physics for Scientists (4) and Engineers PHYS 4B $\underline{\&}$ Physics for Scientists (4) and Engineers PHYS 4C Physics for Scientists (4) and Engineers c) PHYSICS 9B Classical Physics (5) PHYS 4A & Physics for Scientists (4) and Engineers PHYS 4B & Physics for Scientists (4) and Engineers

PHYS 4C Physics for Scientists (4) and Engineers

OR

STATIST 32 Gateway to Data Science (4) | NO COMPARABLE COURSE STATIST 100 Sci

Applied Stats for Bio (4) | This course must be taken at UC Davis

OR

OTHER APPROVED APPLIED PREPARATORY COURSES

END OF MAJOR

c) This articulation is "series for series" only.

====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:

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

c) PHYSICS	9A Classical Physics	(5)	 PHYS 	4A <u>&</u>	Physics for Scientists and Engineers	(4)
			PHYS	4B <u>&</u>	_	(4)
			PHYS	4C	Physics for Scientists	(4)
					and Engineers	
c) PHYSICS	9B Classical Physics	(5)	PHYS	4A <u>&</u>	-	(4)
				_	and Engineers	
			PHYS	4B &	-	(4)
			ļ		and Engineers	
			PHYS	4C	Physics for Scientists	(4)
					and Engineers	
c) PHYSICS	9C Classical Physics	(5)	PHYS	4A &	-	(4)
					and Engineers	
			PHYS	4B &	_	(4)
			ļ		and Engineers	
			PHYS	4C	2	(4)
					and Engineers	
PHYSICS 9D	Modern Physics	(4)	NO CO	OMPAR.	ABLE COURSE	
	OR				OR	
PHYSICS 9HA	Honors Physics	(5)			ARTICULATED: College has	
			!		course(s) for articulation	
PHYSICS 9HB	Honors Physics	(5)			ARTICULATED: College has	
		\			course(s) for articulation	
PHYSICS 9HC	Honors Physics	(5)			ARTICULATED: College has	
		<i>(</i> - <i>)</i>			course(s) for articulation	
PHYSICS 9HD	Honors Physics	(5)			ARTICULATED: College has	
D	77 71	(-)			course(s) for articulation	
PHYSICS 9HE	Honors Physics	(5)			ARTICULATED: College has	
			subm:	ıttea	course(s) for articulation	on
MATH 21A	Calculus	(4)	 матн	 5A	Math Analysis I	(5)
MATH 21B	Calculus				Math Analysis II	(4)
MATH 21C	Calculus		!		Math Analysis III	(5)
MATH 21D	Vector Analysis				Math Analysis III	(5)
MATH 22A	Linear Algebra		:		Differential Equations	(5)
		(- /	,			(- /

MATH 22B	Differntl Eq	uations	(3)	 MATH	17		(5)
				 		and Linear Algebra	
	_	TMOSPHERIC PH					
PHYSICS 40	O Intr Physics	Computation	(4)	NO C	OURSE	ARTICULATED	
		CHEMICAL PH	IYSIC	S CON	CENTR	ATION	
CHEM 2A	Genl Chemistr	У	(5)	CHEM	1A	General Chemistry	(5)
CHEM 2B	Genl Chemistr	У	(5)			General Chemistry	(5)
				CHEM	1B	General Chemistry and Qualitative Analysis	(5)
CHEM 2C	Genl Chemistr	V	(5)	 CHEM	1B		(5)
	Gent eneminer	2	(3)		10	Qualitative Analysis	(3)
PHYSICS 40	O Intr Physics	Computation	(4)	NO C	OURSE		
		 COMPUTATIONAL		SICS	CONCE	TRATION	
ENG CS 36A	A Programming			CSCI		Programming Concepts	(4)
Former	ly ENG CS 30					and Methodology I	
				0	_	December of East	(4)
				ENGR	40	Programming for Scientists and	(4)
						Engineers	
ENG CS 36E	B Object-Orien	ted Program	(4)	CSCI	41	_	(4)
Former	ly ENG CS 40			İ		and Methodology II	
may no upon t	ot be identical	to UC Davis	cour	ses.	Comm	er science courses unity college students, any topic or language	
		GEOPHYSIC					
PHYSICS 40	O Intr Physics	Computation	(4)	NO C	OURSE	ARTICULATED	
		MATERIALS S	CIEN	CE CO	NCENT	RATION	
PHYSICS 40	O Intr Physics						
		PHYSICAL ELE	CTRO	NTCS	CONCE	TRATION	
ENGIN 17	Circuits I					Electric Circuit	(4)
						Analysis with Lab	
	O Intr Physics			•			
PHYSICS 80	O Experimental	Techniques	(4)	NO C	OURSE	ARTICULATED	
חשעפדפפ אין	<u>P</u> O Intr Physics	HYSICAL OCEAN					
				•		ARTICULATED	
END OF MAG	JOR						

${\tt c})$ This articulation is "series for series" only.

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

Special Advising Note:

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

		FOUR COURSES FE	ROM '	THE I	FOL	LOV	WING:	
ARTHI	1A	Ancient Mediterranean Art	(4)	ART	5		Art History 1	(3)
ARTHI	1B	Mediev&Renaiss Art	(4)	ART	5	&	Art History 1	(3)
				ART	6		Art History 2	(3)
				OI	R			
				ART	5	&	Art History 1	(3)
				ART	бН		Honors Art History 2	(3)
ARTHI	1C	Baroque to Modern Art	(4)	ART	6		Art History 2	(3)
				OI	R			
				ART	бН		Honors Art History 2	(3)
ARTHI	1D	Arts of Asia	(4)	NO (COM	PAI	RABLE COURSE	
ARTHI	1E	Islamic Art &	(4)	NO (COU	RSI	E ARTICULATED: College has	not
		Architecture		subr	nit	ted	d course(s) for articulation	on
ARTHI	5	Visual Culture	(4)	NO (COU	RSI	E ARTICULATED: College has	not
				subr	nit	ted	d course(s) for articulation	on
ARTHI	25	Understanding	(4)	NO (COM	PAI	RABLE COURSE	
		Architecture		 				

ONE ART STUDIO COURSE FROM:

ART 2	Beginning Drawing	(4)	ART	7	Beginning Drawing	(3)
ART 5	Beginning Sculpture	(4)	NO	COMPA	RABLE COURSE	

ART 7	Beginning Painting	(4)	ART 9 Beginning Painting: Oil (3)
			and Acrylic
ART 8	Beginning Ceramic Sculpture	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
ART 9	Beginning Photography	(4)	NO COURSE ARTICULATED: College has not
			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
ART 24	Intro Experimental Video	(4)	NO COURSE ARTICULATED: College has not
	and Film		submitted course(s) for articulation

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

Education(GE) Note:

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

College 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

ART 2 Beginning	FOUR COURSES FF Drawing				ING: Beginning Drawing	(2)
	Sculpture					(3)
					ABLE COURSE Beginning Painting: Oil	(2)
ARI / Beginning	Painting	(4)	•		and Acrylic	(3)
ART 8 Beginning	Ceramic Sculpture	(4)			ARTICULATED: College has	
	_, ,				course(s) for articulation	
ART 9 Beginning	Photography	(4)	1		ARTICULATED: College has	
11 ! !		(4)	1		course(s) for articulation	
ART 11 Beginning	g Printmaking	(4)			ARTICULATED: College has	
3DE 10 Decisionis	TT-1	(1)			course(s) for articulation	
ART 12 Beginning	g video	(4)			ARTICULATED: College has course(s) for articulation	
TIMO	LECTURE COURSES CHO	CEN)[]
and Film		(4)			ARTICULATED: College has course(s) for articulation	
******	Vis Culture	(1)				J11
						(2)
						(3)
ARIHI IB Medieve	Renaiss Art	(4)				(3)
			OR		Art History 2	(3)
					Art History 1	(3)
					Honors Art History 2	
ARTHI 1C Baroque	e to Modern Art	(4)	ART 6	5	Art History 2	(3)
		(- /	OR		<u>-</u>	(-)
			•		Honors Art History 2	(3)
ARTHI 1D Arts of					ABLE COURSE	
	c Art &	(4)	1		ARTICULATED: College has	
Archite					course(s) for articulation	
ARTHI 5 Visual (Culture	(4)			ARTICULATED: College has	
					course(s) for articulation	on
ARTHI 25 Underst	_	(4)	NO CO	OMPARA	ABLE COURSE	
END OF MAJOR			ı			

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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:

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

A A STD 1 Hist Exp Asian Am (4) NO COMPARABLE COURSE
A A STD 2 Contemp Issues of Asian (4) NO COMPARABLE COURSE
Americans
A A STD 3 Social & Psychological (4) NO COURSE ARTICULATED: College has not perspectives of Asian Americans
A A STD 4 Asian Amer Cultural (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation 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	, ,	!
AF-AMST 15	Intro Afro Amer Hum	(4)	NO COMPARABLE COURSE
AF-AMST 16	African Verbal Arts	(4)	NO COMPARABLE COURSE
AF-AMST 17	Women in Africa	(4)	NO COMPARABLE COURSE
AF-AMST 18	Intro Caribbean Studies	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
AF-AMST 50	Blk Images Pop Cult	(4)	NO COMPARABLE COURSE
AF-AMST 51	History Af-Amr Dance	(4)	NO COMPARABLE COURSE
AF-AMST 52	Afr Tradit Relig		
AF-AMST 80	Black Politics	(4)	NO COMPARABLE COURSE
AMR STD 1A	Science and American	(4)	NO COMPARABLE COURSE
	Culture		
AMR STD 1B	Relig in Am Lives	(4)	NO COMPARABLE COURSE
AMR STD 1C	American Lives	(4)	NO COMPARABLE COURSE
AMR STD 1E	Nat&Cult Amr	(4)	NO COMPARABLE COURSE
AMR STD 5	Tech in Amr Lives	(4)	NO COMPARABLE COURSE
AMR STD 10	Intro American Studies	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
AMR STD 21	Objects & Everyday Life	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
AMR STD 25	U.S. as Business	(4)	NO COURSE ARTICULATED: College has not
	Culture		submitted course(s) for articulation
AMR STD 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	. ,	NO COMPARABLE COURSE
CHICANO 30 US Poli & Chicanos	, ,	NO COMPARABLE COURSE
CHICANO 40 Comparative Health	, ,	NO COURSE ARTICULATED: College has not
Chicano 40 Comparacive hearth	(1)	submitted course(s) for articulation
CHICANO 50 Chicano Culture	(1)	NO COMPARABLE COURSE
CHICANO 50 Chicana and Chicano	. ,	NO COMPARABLE COURSE
	(4)	NO COMPARABLE COURSE
Representn in Cinema CHICANO 65 New Latin American	(1)	NO COURGE ARELOW AMER: College has not
Cinema	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	(1)	!
CHICANO 70 Survey Chic Art	(4)	!
CHICANO 73 Art Expr Silk Scr	. ,	NO COMPARABLE COURSE
N A STD 1 Intro NA Studies		NO COMPARABLE COURSE
N A STD 5 Intro NA Literature	. ,	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	` '	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	. ,	NO COMPARABLE COURSE
N A STD 33 Intro NA Art	. ,	NO COMPARABLE COURSE
N A STD 34 NA Art Workshop	(4)	NO COMPARABLE COURSE
WOM STD 20 Cult Repr of Gndr	(4)	NO COMPARABLE COURSE
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 COMPARABLE COURSE
WOM STD 60 Feminist Critiques	(4)	NO COMPARABLE COURSE
WOM STD 70 Sexual:Thry&Hist	(4)	NO COMPARABLE COURSE
AT LEAST TWO COURSES FROM THE	FOL	LOWING METHODS COURSES:
ANTHRO 13 Sci Method in Physical	(4)	NO COURSE ARTICULATED: College has not
Anthropology		submitted course(s) for articulation
ARTHI 5 Visual Culture	(4)	NO COURSE ARTICULATED: College has not
		submitted course(s) for articulation
ART 10 Fine Art Appreciation	(4)	ART 2 Art Appreciation (3)
ART 30 Contemp Vis Culture	(4)	NO COMPARABLE COURSE
CHICANO 23 Qualitative Research	(4)	NO COURSE ARTICULATED: College has not
Methods		submitted course(s) for articulation
ENGLISH 42 Approaches to Reading	(4)	NO COURSE ARTICULATED: College has not
	. ,	submitted course(s) for articulation
PHILOS 5 Critical Reasoning	(4)	PHIL 2 Critical Reasoning and (3)
J	, ,	Analytic Writing
N A STD 46 Orientation to Research	(4)	•
in NAS	(-)	
POL SCI 51 Scientific Study of	(4)	NO COURSE ARTICULATED: College has not
Politics	(-)	submitted course(s) for articulation
PSYCH 41 Research Methods	(4)	PSY 45 Introduction to Research (3)
roten ii Researen Meenoas	(1)	Methods in Psychology
SOCIOL 46A Intro Social Rsch	(4)	NO COMPARABLE COURSE
SOCIOL 46B Intro Social Rsch		NO COMPARABLE COURSE
STATIST 13 Elementary Statistics		MATH 11 Elementary Statistics (4)
Same as: STATIST 13Y	(=)	OR
Dame as. DIVIIDI 131		<u>OR</u> STAT 7
		DIAL / BIEMEHOALY SCACISCIES (4)

END OF MAJOR

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

Special Advising Note:

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

and significantly reduces time to degree.

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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 ${\bf 1}$ 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 Cat	examination credit polici calog . Quick reference c From our TAG website.					
PL SCI 2	Bot Physio Cul Plt	(4)			E ARTICULATED: College has d course(s)for articulation	
	Genl Chemistry Genl Chemistry		CHEM CHEM 	1A 8	& General Chemistry	(5) (5) (5)
	Programming r ENG CS 30	(4)	CSCI OI		Programming Concepts and Methodology I	(4)
			ENGR	_	Programming for Scientists and Engineers	(4)
	or a course selected	with a	advis	or's	approval	
MATH 21A	Calculus					(5)
MATH 21B						(4)
MATH 21C			MATH			(5)
MATH 21D						(5)
MATH 22A	Linear Algebra	(3)	MATH	1.7	Differential Equations	(5)
MA TITE 00D	D' C	(2)		1 🗖	and Linear Algebra	<i>(</i> - <i>)</i>
MATH 22B	Differntl Equations	(3)	 MATH	17	Differential Equations and Linear Algebra	(5)
ATM SCI 60	Intro to Atmospheric Science	(4)	NO CO	I	RABLE COURSE	
c) PHYSICS	9A Classical Physics	(5)	PHYS 	4A 4	<u>&</u> Physics for Scientists and Engineers	(4)
			PHYS	-	and Engineers	(4)
			PHYS	4C	2	(4)
\		(-)		4.7	and Engineers	(1)
c) PHYSICS	9B Classical Physics	(5)	PHYS	4A		(4)
			ן חטעפ	1D 9	and Engineers & Physics for Scientists	(4)
			PHYS	-D (and Engineers	(+)
			 PHYS	4C	Physics for Scientists	(4)
				10	and Engineers	(- /
c) PHYSICS	9C Classical Physics	(5)	PHYS	4A 8		(4)
	-	,	j	•	and Engineers	-
			PHYS	4B	_	(4)
				-	and Engineers	
			PHYS	4C	Physics for Scientists and Engineers	(4)

STATIST 13 Elementary Statistics (4) \mid MATH 11 Elementary Statistics (4)

Same as: STATIST 13Y OR

PREPARATION FOR GRADUATION:

(4) NO COMPARABLE COURSE ENGIN 6 Engr Prob Solving

END OF MAJOR

c) This articulation is "series for series" only.

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

Special Advising Note:

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 11A Biology for Science (5) Majors I				
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 11A & Biology for Science (5) Majors I				
	a hvoración		BIOL 11B Biology for Science (5)				
BIOLSCI 2C	Intro Biology:	(5)	Majors II BIOL 11B Biology for Science (5)				
	Biodiversity & the Tree of Life		Majors II 				
	Genl Chemistry	(5)	CHEM 1A General Chemistry (5)				
CHEM 2B	Genl Chemistry	(5)	CHEM 1A & General Chemistry (5) CHEM 1B General Chemistry and (5)				
			Qualitative Analysis				
CHEM 2C	Genl Chemistry	(5)	CHEM 1B General Chemistry and (5)				
	OR		Qualitative Analysis OR				
CHEM 2AH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE				
CHEM 2BH	Honors Genl Chemistry	. ,	NO COMPARABLE COURSE				
CHEM 2CH	Honors Genl Chemistry		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 5A Math Analysis I (5)				
MATH 21B	Calculus	(4)	MATH 5B Math Analysis II (4)				
PHYSICS 7A	General Physics	(4)	PHYS 2A & General Physics I (4)				
			PHYS 2B General Physics II (4)				
PHYSICS 7B	General Physics	(4)	PHYS 2A & General Physics I (4)				
			PHYS 2B General Physics II (4)				
PHYSICS 7C	General Physics	(4)	PHYS 2A $\underline{\mathbf{\&}}$ General Physics I (4)				
			PHYS 2B General Physics II (4)				
It is highly recommended that students complete an entire physics series at							
their community college that is equivalent to the entire IIC Davis Physics 7A/B/C							

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

	OR					OR	
c) PHYSICS 9A	Classical	Physics	(5)	PHYS	4A &	Physics for Scientists	(4)
						and Engineers	
				PHYS	4B &	Physics for Scientists	(4)
						and Engineers	
				PHYS	4C	Physics for Scientists	(4)
						and Engineers	
c) PHYSICS 9B	Classical	Physics	(5)	PHYS	4A &	Physics for Scientists	(4)
						and Engineers	
				PHYS	4B &	2	(4)
						and Engineers	
				PHYS	4C	Physics for Scientists	(4)
						and Engineers	
c) PHYSICS 9C	Classical	Physics	(5)	PHYS	4A &	Physics for Scientists	(4)
						and Engineers	
				PHYS	4B &	2	(4)
						and Engineers	
				PHYS	4C	2	(4)
						and Engineers	

CHEM 118A	Org Chem, Hlth & Sci	(4) CHEM 28A $\underline{\mathbf{\epsilon}}$ Organic Chemistry I	(3)
		CHEM 29A Organic Chemistry	(2)
		Laboratory I	
CHEM 118B	Org Chem, Hlth & Sci	(4) CHEM 28A $\underline{m{\&}}$ Organic Chemistry I	(3)
		CHEM 29A & Organic Chemistry	(2)
		Laboratory I	
		CHEM 28B & Organic Chemistry II	(3)
		CHEM 29B Organic Chemistry	(2)
		Laboratory II	
CHEM 118C	Org Chem, Hlth & Sci	(4) CHEM 28B & Organic Chemistry II	(3)
		CHEM 29B Organic Chemistry	(2)
		Laboratory II	
	OR	OR	
CHEM 128A	Organic Chemistry	(3) CHEM 28A Organic Chemistry I	(3)
CHEM 128B	Organic Chemistry	(3) CHEM 28A & Organic Chemistry I	(3)
		CHEM 28B Organic Chemistry II	(3)
CHEM 128C	Organic Chemistry	(3) CHEM 28B Organic Chemistry II	(3)
CHEM 129A	Organic Chem Lab	(2) CHEM 29A Organic Chemistry	(2)
		Laboratory I	
CHEM 129B	Organic Chem Lab	(2) CHEM 29A & Organic Chemistry	(2)
		Laboratory I	
		CHEM 29B Organic Chemistry	(2)
		Laboratory II	
	==	ECOMMENDED:	
MATH 21C	Calculus	(4) MATH 6 Math Analysis III	(5)

MATH 21C Calculus (4) | MATH 6 Math Analysis III (5)

END OF MAJOR

$\ensuremath{\mathtt{c}}\xspace$) This articulation is "series for series" only.

====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 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.

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

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

. . .

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 11A Biology for Science (5) Majors I
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	
	& Evolution		BIOL 11B Biology for Science (5) Majors II
BIOLSCI 2C	31		BIOL 11B Biology for Science (5)
	Biodiversity & the Tree of Life		Majors II
	Genl Chemistry		CHEM 1A General Chemistry (5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A & General Chemistry (5)
			CHEM 1B General Chemistry and (5) Qualitative Analysis
CHEM 8A	Organic Chem-Brief	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHEM 8B	Organic Chem-Brief	(4)	NO COURSE ARTICULATED: College has not
CHEIL OF	organie onem Brier	(- /	submitted course(s)for articulation
	OR		OR
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 28A & Organic Chemistry I (3)
			CHEM 29A Organic Chemistry (2)
CHEM 118B	Orac Cham III+h C Cai	(1)	Laboratory I CHEM 28A & Organic Chemistry I (3)
CHEM 110B	Org Chem, Hlth & Sci	(4)	CHEM 28A & Organic Chemistry I (3) CHEM 29A & Organic Chemistry (2)
			Laboratory I
			CHEM 28B & Organic Chemistry II (3)
			CHEM 29B Organic Chemistry (2)
			Laboratory II
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 28B & Organic Chemistry II (3)
			CHEM 29B Organic Chemistry (2) Laboratory II
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not
		` ,	submitted course(s) for articulation
	OR		OR
MATH 21A	Calculus	(4)	MATH 5A Math Analysis I (5)
MATH 21B	Calculus	(4)	MATH 5B Math Analysis II (4)
DHVSTCS 1A	Principles Physics	(3)	NO COMPARARIE COURSE
	Principles Physics		NO COMPARABLE COURSE
	OR	(-)	OR
PHYSICS 7A	General Physics	(4)	PHYS 2A & General Physics I (4)
			PHYS 2B General Physics II (4)
PHYSICS 7B	General Physics	(4)	PHYS 2A & General Physics I (4) PHYS 2B General Physics II (4)
PHYSICS 7C	General Physics	(4)	PHYS 2B General Physics II (4) PHYS 2A & General Physics I (4)
11110100 /0	ochiciai impaica	(1)	PHYS 2B General Physics II (4)
It is highl	y recommended that students	s coi	mplete an entire physics series at

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

RECOMMENDED COURSES FOR THIS MAJOR:

CHEM 2C	Genl Chemistry	(5) CHEM 1B 	General Chemistry and (5) Qualitative Analysis
MATH 17C	Calculus for BioSci	· /	ARTICULATED: College has not course(s) for articulation
	OR		OR
MATH 21C	Calculus	(4) MATH 6	Math Analysis 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 <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 $\frac{\text{General Catalog}}{\text{available from our TAG website.}}$

BIOLSCI	2A	Intro Biology:Life on Earth	(5)	BIOL	11A	Biology for Science Majors I	(5)
BIOLSCI	2В	Intro Biology: Ecology & Evolution	(5)	BIOL	11A <u>8</u>	-	(5)
				BIOL	11B	Biology for Science Majors II	(5)
BIOLSCI	2C	Intro Biology: Biodiversity & the Tree of Life		BIOL	11B	Biology for Science Majors II	(5)
CHEM 2A CHEM 2B		nl Chemistry nl Chemistry nl Chemistry		 CHEM CHEM		General Chemistry General Chemistry	(5)
CHEM 2D	GC.	iii ciiciiistiy	(3)	CHEM CHEM	_	General Chemistry and Qualitative Analysis	(5)
CHEM 2C	Ge:	nl Chemistry	(5)	CHEM	1B	General Chemistry and Qualitative Analysis	(5)
CHEM 8A	Or	ganic Chem-Brief	(2)	!		ARTICULATED: College has course(s)for articulation	
CHEM 8B	Or	ganic Chem-Brief	(4)	ио сс	URSE	ARTICULATED: College has course(s) for articulation	not
		OR			ccca	OR	•
CHEM 118	ВА	Org Chem, Hlth & Sci	(4)	CHEM CHEM	_	Organic Chemistry I Organic Chemistry	(3)

			Laboratory I	
CHEM 118B	Org Chem, Hlth & Sci	(4)	Laboratory I CHEM 28A & Organic Chemistry I	(3)
CHEM 110B	org chem, hren & ser	(1)	CHEM 29A & Organic Chemistry	. ,
			Laboratory I	(🔼)
			<u>-</u>	(3)
			·	
			CHEM 29B Organic Chemistry	(2)
GTTTN 110G	0 0 0 77] 1 0 0 0	(1)	Laboratory II	(2)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 28B & Organic Chemistry II	
			CHEM 29B Organic Chemistry	(2)
			Laboratory II	
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College h	ag not
HAIII 1/A	carculus for brober	(1)	submitted course(s) for articula	
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College h	
1111111 1715	carcarab for brober	(- /	submitted course(s) for articula	
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College h	
MAIII 17C	carculus for brober	(1)	submitted course(s) for articula	
	OR		OR	.01011
MATH 21A		(4)	 MATH 5A Math Analysis I	(5)
MATH 21B			MATH 5B Math Analysis II	(4)
MAIH 216		(4)	MAIN 36	(4)
PHYSICS 7A	General Physics	(4)	PHYS 2A & General Physics I	(4)
	-		PHYS 2B General Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYS 2A & General Physics I	(4)
	•	, ,	PHYS 2B General Physics II	
PHYSICS 7C	General Physics	(4)	PHYS 2A & General Physics I	
	-	. ,	PHYS 2B General Physics II	
It is highl	v recommended that students	g	mplete an entire physics series a	

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 6 Math Analysis 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:

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

General Education (GE) Note:

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

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

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

When there are more applicants than spaces available in the College of Engineering, priority is given to California community college transfers who have an overall UC transferable GPA of 3.10 or higher and who have completed all lower-division engineering major requirements available at the student's community college with a minimum GPA of 3.20 in these required courses. Contact

your counselor or the UC Davis College of Engineering Undergraduate Office at(530)752-1979, or consult the College of Engineering website if you have any questions.

END OF MAJOR

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

Special Advising Note:

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

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

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

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

IGETC: Transfer students should place highest priority on completing all requirements for their chosen engineering major. By completing the Intersegmental General Education Transfer Curriculum(IGETC)however, the General

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

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

END OF MAJOR

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

Special Advising Note:

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

Biological Sciences 2A or 2B or 2C (series completion highly recommended)

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

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

BIOLSCI	2A	Intro Biology:Life on Earth	(5)	BIOL	11A	Biology for Science Majors I	(5)
BIOLSCI	2В	<pre>Intro Biology: Ecology & Evolution</pre>	(5)	BIOL	11A <u>8</u>	Biology for Science Majors I	(5)
				BIOL	11B	Biology for Science Majors II	(5)
BIOLSCI	2C	Intro Biology: Biodiversity & the Tree of Life	. ,	BIOL 	11B	Biology for Science Majors II	(5)
BIOTECH	1Y	Introduction to Biotechnology	(4)			ARTICULATED: College has a course(s) for articulation	
CHEM 2A		nl Chemistry	/		1A	<u>-</u>	(5)
CHEM 2B	Ge	nl Chemistry	(5)	CHEM	1A &	•	(5) (5)
				j		Qualitative Analysis	

			Qualitative Analysis	
CHEM 8A	Organic Chem-Brief	(2)	NO COURSE ARTICULATED: College has no	ot
CHEM 8B	Organic Chem-Brief	(4)	submitted course(s)for articulation NO COURSE ARTICULATED: College has no	ot.
	OR	(- /	submitted course(s)for articulation OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	·	3)
				2)
CHEM 118B	Org Chem, Hlth & Sci	(4)	Laboratory I CHEM 28A & Organic Chemistry I (3	3)
	- 3 ,	, ,	<u> </u>	2)
			Laboratory I	2 \
			·	3) 2)
			Laboratory II	٥,
CHEM 118C	Org Chem, Hlth & Sci	(4)	·	3)
			CHEM 29B Organic Chemistry (2 Laboratory II	2)
	OR		OR	
CHEM 128A	Organic Chemistry		1	3)
CHEM 128B	Organic Chemistry	(3)	:	3) 3)
CHEM 128C	Organic Chemistry	(3)	•	3)
CHEM 129A	Organic Chem Lab	(2)		2)
			Laboratory I	
MATH 16A	Short Calculus	(3)	MATH 5A Math Analysis I (5	 5)
MATH 16B	Short Calculus		·	4)
MARIT 17A	OR	(1)	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	ot
	OR		submitted course(s) for articulation OR	
MATH 21A	Calculus	(4)		5)
MATH 21B	Calculus	(4)	MATH 5A Math Analysis I (5 MATH 5B Math Analysis II (4	4)
PHYSICS 7A	General Physics	(4)	PHYS 2A & General Physics I (4	 4)
	7		PHYS 2B General Physics II (4	4)
PHYSICS 7B	General Physics	(4)	·	4)
It is high	ly recommended that student	ts co	PHYS 2B General Physics II (4 mplete an entire physics series at	4)
their commu	unity college that is equiv	valen	t to the entire UC Davis Physics 7A/B/	
			transfer without completing an entire	
			physics courses upon arrival at UC vis advisor before continuing with	
physics.				
	COURSEMORK FOR I	DTOTN	FORMATICS OPTION:	
ENG CS 20	C Sci/Discrete Math			4)
			for Computer Science	
	Programming y ENG CS 30	(4)	•	4)
rormer.T	A FING CD ON		and Methodology I OR	
			ENGR 40 Programming for (4	4)
			Scientists and	
			Engineers 	
	RESTRICTED ELECTIVES FO			
	Object-Oriented Program	(4)	•	4)
-	y ENG CS 40 Data Structures	(4)	and Methodology II NO COMPARABLE COURSE	
	_ 3.03	(- /	1 30	

Formerly ENG CS 60
ENG CS 50 Machine Dependent Prog

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

END OF MAJOR

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

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

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

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

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

Transfer students must also meet UC transfer admission requirements. UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. See the <u>UC Transfer</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)	BIOL 11A Biology for Science (5) Majors I
BIOLSCI 2E	Intro Biology: Ecology & Evolution	(5)	BIOL 11A & Biology for Science (5) Majors I
			BIOL 11B Biology for Science (5) Majors II
BIOLSCI 20	Intro Biology: Biodiversity & the Tree of Life		BIOL 11B Biology for Science (5) Majors II
CHEM 2A	Genl Chemistry	(5)	CHEM 1A General Chemistry (5)
			CHEM 1A & General Chemistry (5)
			CHEM 1B General Chemistry and (5)
			Qualitative Analysis
CHEM 2C	Genl Chemistry	(5)	CHEM 1B General Chemistry and (5)
			Qualitative Analysis
CHEM 8A	Organic Chem-Brief	(2)	NO COURSE ARTICULATED: College has not
	0-5	(–)	submitted course(s)for articulation
CHEM 8B	Organic Chem-Brief	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s)for articulation
CITEM 1107	OR	(1)	OR
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 28A & Organic Chemistry I (3) CHEM 29A Organic Chemistry (2)
			Laboratory I
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 28A & Organic Chemistry I (3)
			CHEM 29A & Organic Chemistry (2)
			Laboratory I
			CHEM 28B & Organic Chemistry II (3)
			CHEM 29B Organic Chemistry (2)
CUEM 110C	One Chem III+h C Cai	(1)	Laboratory II CHEM 28B & Organic Chemistry II (3)
CHEM 118C	org chem, mich & SCI	(4)	CHEM 29B Organic Chemistry 1 (3)
			Laboratory II
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not

|submitted course(s) for articulation

MATH 17B	Calculus for Biosci	(4)			ARTICULATED: College has not course(s) for articulation
MATH 17C	Calculus for BioSci	(4)	1		ARTICULATED: College has not
			submi	itted	course(s) for articulation
	OR				OR
MATH 21A	Calculus	(4)	MATH	5A	Math Analysis I (5)
MATH 21B	Calculus	(4)	MATH	5B	Math Analysis II (4)
PHYSICS 7A	General Physics	(4)	PHYS	2A &	General Physics I (4)
			PHYS	2B	General Physics II (4)
PHYSICS 7B	General Physics	(4)	PHYS	2A &	General Physics I (4)
			PHYS	2B	General Physics II (4)
PHYSICS 7C	General Physics	(4)	PHYS	2A &	General Physics I (4)
			PHYS	2B _	General Physics II (4)

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

RECOMMENDED:

MATH 21C Calculus (4) | MATH 6 Math Analysis III (5)

END OF MAJOR

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

Special Advising Note:

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

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

END OF MAJOR

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

Special Advising Note:

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

CHEM 2A	Genl Chemistry	(5)	CHEM 1A General Chemistry (5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A & General Chemistry (5)
			CHEM 1B General Chemistry and (5)
			Qualitative Analysis
CHEM 2C	Genl Chemistry	(5)	CHEM 1B General Chemistry and (5)
			Qualitative Analysis
	OR		OR
CHEM 2AH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE
CHEM 2BH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE
CHEM 2CH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE
c) PHYSICS	9A Classical Physics	(5)	PHYS 4A & Physics for Scientists (4)
			and Engineers
			PHYS 4B $\underline{\mathbf{a}}$ Physics for Scientists (4)
			and Engineers
			PHYS 4C Physics for Scientists (4)
			and Engineers
c) PHYSICS	9B Classical Physics	(5)	PHYS 4A & Physics for Scientists (4)
			and Engineers
			PHYS 4B & Physics for Scientists (4)
			and Engineers
			PHYS 4C Physics for Scientists (4)
			and Engineers

c) PHYSICS	9C Classical Physics	(5)	PHYS PHYS		and Engineers	(4)
			į	_	and Engineers	, ,
			PHYS 	4C	Physics for Scientists and Engineers	(4)
PHYSICS 9D	Modern Physics	(4)	NO CO	OMPAR.	ABLE COURSE	
MATH 21A	Calculus	(4)	MATH	5A	Math Analysis I	(5)
MATH 21B	Calculus	(4)	MATH	5B	Math Analysis II	(4)
MATH 21C	Calculus	(4)	MATH	6	Math Analysis III	(5)
MATH 21D	Vector Analysis	(4)	MATH	6	Math Analysis III	(5)
MATH 22A	Linear Algebra	(3)	MATH 	17	Differential Equations and Linear Algebra	(5)
MATH 22AL	Lin Alg Comp Lab	(1)	!		ARTICULATED: College has course(s) for articulation	
MATH 22B	Differntl Equations	(3)	MATH 	17	Differential Equations and Linear Algebra	(5)
CHEM 128A	Organic Chemistry	(3)	CHEM	28A	Organic Chemistry I	(3)
CHEM 128B	Organic Chemistry		CHEM			(3)
			:	28B		(3)
CHEM 129A	Organic Chem Lab	(2)	CHEM 	29A	Organic Chemistry Laboratory I	(2)

END OF MAJOR

c) This articulation is "series for series" only.

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern.

Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

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

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

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

CHEM 2A CHEM 2B	Genl Chemistry Genl Chemistry	` '!	CHEM 1A General Chemistry (5) CHEM 1A & General Chemistry (5)
			CHEM 1B General Chemistry and (5) Oualitative Analysis
CHEM 2C	Genl Chemistry	(5)	CHEM 1B General Chemistry and (5)
			Qualitative Analysis
	OR	ĺ	OR
CHEM 2AH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE
CHEM 2BH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE
CHEM 2CH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE
PHYSICS 7A	General Physics	(4)	PHYS 2A & General Physics I (4)
		j	PHYS 2B General Physics II (4)
PHYSICS 7B	General Physics	(4)	PHYS 2A & General Physics I (4)
		į	PHYS 2B General Physics II (4)
PHYSICS 7C	General Physics	(4)	PHYS 2A & General Physics I (4)
		j	PHYS 2B General Physics II (4)

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

			OR						OR	
c)	PHYSICS	9A	Classical	Physics	(5)	PHYS	4A	<u>&</u>	Physics for Scientists	(4)
									and Engineers	
						PHYS	4B	&	Physics for Scientists	(4)
									and Engineers	
						PHYS	4C		Physics for Scientists	(4)
									and Engineers	
c)	PHYSICS	9B	Classical	Physics	(5)	PHYS	4A	&	Physics for Scientists	(4)
									and Engineers	
						PHYS	4B	&	Physics for Scientists	(4)
									and Engineers	
						PHYS	4C		Physics for Scientists	(4)
									and Engineers	
c)	PHYSICS	9C	Classical	Physics	(5)	PHYS	4A	&	Physics for Scientists	(4)
									and Engineers	
						PHYS	4B	<u>&</u>	Physics for Scientists	(4)
									and Engineers	
						PHYS	4C		Physics for Scientists	(4)
									and Engineers	

MATH 16A	Short Calculus	(3)	MATH 5A	Math Analysis I	(5)
MATH 16B	Short Calculus	(3)	MATH 5B	Math Analysis II	(4)
MATH 16C	Short Calculus	(3)	MATH 5B	Math Analysis II	(4)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)		ARTICULATED: College has	
			submitted	course(s) for articulat:	ion
MATH 17B	Calculus for Biosci	(4)		ARTICULATED: College has	
			submitted	course(s) for articulat:	ion
MATH 17C	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has	s not
			submitted	course(s) for articulat:	ion
	OR			OR	
MATH 21A	Calculus		!	Math Analysis I	(5)
MATH 21B	Calculus			Math Analysis II	(4)
MATH 21C	Calculus	(4)	МАТН б	Math Analysis III	(5)
		(2)			(2)
CHEM 128A CHEM 128B	- 3 1		CHEM 28A	2	(3)
CHEM 120B	Organic Chemistry	(3)	CHEM 28A		(3)
CITEM 120C	Organia Chamiatar	(2)	CHEM 28B	2	(3)
CHEM 128C	Organic Chemistry		CHEM 28B		(3)
CHEM 129A	Organic Chem Lab	(2)	CHEM 29A	3	(2)
CHEM 129B	Organia Cham Ish	(2)	CHEM 201	Laboratory I	(2)
CHEM 129B	Organic Chem Lab	(2)	CHEM 29A		(2)
			 CHEM 29B	Laboratory I	(2)
			І Спры 73В	2	(2)
				Laboratory II	

END OF MAJOR

c) This articulation is "series for series" only.

====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.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG 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.

avallable	from our TAG website.		
CHEM 2A CHEM 2B	Genl Chemistry Genl Chemistry		CHEM 1A General Chemistry (5) CHEM 1A & General Chemistry (5) CHEM 1B General Chemistry and (5) Qualitative Analysis
CHEM 2C	Genl Chemistry	(5)	CHEM 1B General Chemistry and (5) Qualitative Analysis
	OR		OR
CHEM 2AH CHEM 2BH CHEM 2CH	Honors Genl Chemistry Honors Genl Chemistry Honors Genl Chemistry	(5)	NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE
c) PHYSICS	9A Classical Physics	(5)	PHYS 4A & Physics for Scientists (4)
			and Engineers PHYS 4B & Physics for Scientists (4) and Engineers
			PHYS 4C Physics for Scientists (4) and Engineers
c) PHYSICS	9B Classical Physics	(5)	PHYS 4A & Physics for Scientists (4) and Engineers
			PHYS 4B & Physics for Scientists (4) and Engineers
			PHYS 4C Physics for Scientists (4) and Engineers
c) PHYSICS	9C Classical Physics	(5)	PHYS 4A & Physics for Scientists (4) and Engineers
			PHYS 4B & Physics for Scientists (4) and Engineers
			PHYS 4C Physics for Scientists (4) and Engineers
MATH 21A	Calculus	(4)	MATH 5A Math Analysis I (5)
MATH 21B	Calculus		MATH 5B Math Analysis II (4)
MATH 21C	Calculus		MATH 6 Math Analysis III (5)
MATH 21D	Vector Analysis	(4)	MATH 6 Math Analysis III (5)
MATH 22A	Linear Algebra	(3)	MATH 17 Differential Equations (5) and Linear Algebra
MATH 22AL	Lin Alg Comp Lab	(1)	NO COURSE ARTICULATED: College has not
MATH 22B	Differntl Equations	(3)	submitted course(s) for articulation MATH 17
			and Linear Algebra
CHEM 128A	Organic Chemistry		CHEM 28A Organic Chemistry I (3)
CHEM 128B	Organic Chemistry	(3)	CHEM 28A & Organic Chemistry I (3)
			CHEM 28B Organic Chemistry II (3)
CHEM 128C	Organic Chemistry		CHEM 28B Organic Chemistry II (3)
CHEM 129A	Organic Chem Lab	(2)	CHEM 29A Organic Chemistry (2) Laboratory I
CHEM 129B	Organic Chem Lab	(2)	CHEM 29A & Organic Chemistry (2) Laboratory I
			CHEM 29B Organic Chemistry (2)

CHEM 129C Organic Chem Lab (2) CHEM 29B Organic Chemistry (2)
Laboratory II
Laboratory II

RECOMMENDED COURSES:

PHYSICS 9D Modern Physics (4) NO COMPARABLE COURSE

END OF MAJOR

c) This articulation is "series for series" only.

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

CHEM 2A	Genl Chemistry	(5) CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5) CHEM 1A &	General Chemistry	(5)
		CHEM 1B	General Chemistry and	(5)
		İ	Qualitative Analysis	

CHEM 2C	Genl Chemistry	(5)	CHEM 1B General Chemistry and (5	5)
			Qualitative Analysis	
CITEM ONII	OR	/ F \	OR	
CHEM 2AH	Honors Genl Chemistry		NO COMPARABLE COURSE	
CHEM 2BH	Honors Genl Chemistry		NO COMPARABLE COURSE	
CHEM 2CH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE	
PHYSICS 7A	General Physics	(4)	PHYS 2A & General Physics I (4	1)
			PHYS 2B General Physics II (4	1)
PHYSICS 7B	General Physics	(4)	PHYS 2A & General Physics I (4	1)
			PHYS 2B General Physics II (4	•
PHYSICS 7C	General Physics	(4)	PHYS 2A & General Physics I (4	-
			PHYS 2B General Physics II (4	1)
			mplete an entire physics series at	/ G
			t to the entire UC Davis Physics 7A/B/	/ C
			transfer without completing an entire	
			physics courses upon arrival at UC	
physics.	will need to meet with a u	СЪа	vis advisor before continuing with	
physics.	OR		OR	
c) PHYSICS	9A Classical Physics	(5)	PHYS 4A & Physics for Scientists (4	1)
			and Engineers	
			PHYS 4B & Physics for Scientists (4	1)
			and Engineers	
			PHYS 4C Physics for Scientists (4	1)
			and Engineers	
c) PHYSICS	9B Classical Physics	(5)	PHYS 4A & Physics for Scientists (4	1)
			and Engineers	
			PHYS 4B & Physics for Scientists (4	1)
			and Engineers	
			PHYS 4C Physics for Scientists (4	ł)
\	0.0 0.1 1 7.1 1	<i>(</i> - <i>)</i>	and Engineers	4 \
c) PHYSICS	9C Classical Physics	(5)	PHYS 4A & Physics for Scientists (4	±)
			and Engineers PHYS 4B & Physics for Scientists (4	1)
			PHYS 4B & Physics for Scientists (4 and Engineers	i)
			PHYS 4C Physics for Scientists (4	4)
			and Engineers	- /
			· 	
MATH 16A	Short Calculus	(3)	MATH 5AMath Analysis I(5 MATH 5BMath Analysis II(4 MATH 5BMath Analysis II(4	5)
MATH 16B	Short Calculus	(3)	MATH 5B Math Analysis II (4	1)
MATH 16C		(3)		1)
	OR		OR	
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has no)t
MARIE 17D	Galandar fan Birani	(1)	submitted course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has no	Σ
MATH 17C	Calculus for BioSci	(1)	submitted course(s) for articulation NO COURSE ARTICULATED: College has no	n+
MAIN I/C	Calculus IOI BIOSCI	(+)	submitted course(s) for articulation	, ,
	OR		OR	
MATH 21A		(4)	MATH 5A Math Analysis I (5	5)
MATH 21B		(4)	MATH 5B Math Analysis II (4	1)
MATH 21C		(4)	MATH 6 Math Analysis III (5	
BIOLSCI 2A	Intro Biology:Life on	(5)	BIOL 11A Biology for Science (5	5)
	Earth		Majors I	
		(4)	MATH 11 Elementary Statistics (4	1)
Same as:	STATIST 13Y		<u>OR</u>	
			STAT 7 Elementary Statistics (4	ł)
OED ET CE 22	OR	(4)	OR	
	Gateway to Data Science		NO COMPARABLE COURSE 	

CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM	28A &	Organic Chemistry I	(3)
			CHEM	29A	Organic Chemistry	(2)
					Laboratory I	
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM	28A &	Organic Chemistry I	(3)
			CHEM	29A &	Organic Chemistry	(2)
					Laboratory I	
			CHEM	28B &	Organic Chemistry II	(3)
			CHEM	29B	Organic Chemistry	(2)
					Laboratory II	
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM	28B &	Organic Chemistry II	(3)
			CHEM	29B	Organic Chemistry	(2)
					Laboratory II	
					Laboratory ir	
	OR		 		OR	
CHEM 128A	OR Organic Chemistry	(3)	CHEM	28A	-	(3)
CHEM 128A CHEM 128B		(3)	!	28A 28A <u>&</u>	OR	(3)
-	Organic Chemistry	, ,	!	28A <u>&</u>	OR Organic Chemistry I	. ,
-	Organic Chemistry	, ,	CHEM CHEM	28A &	OR Organic Chemistry I Organic Chemistry I	(3)
CHEM 128B	Organic Chemistry Organic Chemistry	(3)	CHEM CHEM CHEM	28A & 28B 28B	OR Organic Chemistry I Organic Chemistry I Organic Chemistry II	(3)
CHEM 128B CHEM 128C	Organic Chemistry Organic Chemistry Organic Chemistry	(3)	CHEM CHEM CHEM	28A & 28B 28B	OR Organic Chemistry I Organic Chemistry I Organic Chemistry II Organic Chemistry II	(3)
CHEM 128B CHEM 128C	Organic Chemistry Organic Chemistry Organic Chemistry	(3)	CHEM CHEM CHEM CHEM	28A & 28B 28B	OR Organic Chemistry I Organic Chemistry I Organic Chemistry II Organic Chemistry II Organic Chemistry	(3)
CHEM 128B CHEM 128C CHEM 129A	Organic Chemistry Organic Chemistry Organic Chemistry Organic Chem Lab	(3)	CHEM CHEM CHEM CHEM	28A <u>&</u> 28B 28B 29A	OR Organic Chemistry I Organic Chemistry I Organic Chemistry II Organic Chemistry II Organic Chemistry Laboratory I	(3) (3) (3) (2)
CHEM 128B CHEM 128C CHEM 129A	Organic Chemistry Organic Chemistry Organic Chemistry Organic Chem Lab	(3)	CHEM CHEM CHEM CHEM	28A <u>&</u> 28B 28B 29A 29A <u>&</u>	OR Organic Chemistry I Organic Chemistry I Organic Chemistry II Organic Chemistry II Organic Chemistry Laboratory I Organic Chemistry	(3) (3) (3) (2)
CHEM 128B CHEM 128C CHEM 129A	Organic Chemistry Organic Chemistry Organic Chemistry Organic Chem Lab	(3)	CHEM CHEM CHEM CHEM CHEM	28A <u>&</u> 28B 28B 29A 29A <u>&</u>	OR Organic Chemistry I Organic Chemistry I Organic Chemistry II Organic Chemistry II Organic Chemistry Laboratory I Organic Chemistry Laboratory I Laboratory I	(3) (3) (3) (2)

END OF MAJOR

c) This articulation is "series for series" only.

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

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

	Genl Chemistry Genl Chemistry		CHEM	A &	General Chemistry General Chemistry General Chemistry and	(5) (5) (5)
CHEM 2C	Genl Chemistry	(5)	 CHEM 1: 	В	Qualitative Analysis General Chemistry and Qualitative Analysis	(5)
	OR		İ		OR	
CHEM 2AH	Honors Genl Chemistry	(5)	NO COM	IPARAI	BLE COURSE	
CHEM 2BH	Honors Genl Chemistry	. ,	!		BLE COURSE	
CHEM 2CH	Honors Genl Chemistry	. ,	!		BLE COURSE	
PHYSICS 7A	General Physics	(4)	 PHYS 2.	 А <u>&</u>	 General Physics I	(4)
			PHYS 2	в _	General Physics II	(4)
PHYSICS 7B	General Physics	(4)	!		General Physics I	(4)
	-		PHYS 2	В	General Physics II	(4)
PHYSICS 7C	General Physics	(4)	PHYS 2	A &	General Physics I	(4)
			PHYS 2	В _	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	
c) PHYSICS	9A Classical	Physics (5	5)	PHYS	4A	&	Physics for Scientists	(4)
							and Engineers	
				PHYS	4B	<u>&</u>	Physics for Scientists	(4)
							and Engineers	
				PHYS	4C		Physics for Scientists	(4)
							and Engineers	
c) PHYSICS	9B Classical	Physics (5	5)	PHYS	4A	<u>&</u>	<u>-</u>	(4)
							and Engineers	
				PHYS	4B	<u>&</u>	-	(4)
				דונגעם	4.0		and Engineers	(1)
				PHYS	40		Physics for Scientists and Engineers	(4)
c) PHYSICS	9C Classical	Dhygiga (F	5)	 PHYS	<i>4</i> 7\	2-	_	(4)
C) FIIIDICD	Classical	rilysics (,	 E1112	TA	<u>ac</u>	and Engineers	(1)
				 PHYS	4B	&	5	(4)
						=	and Engineers	(- /
				PHYS	4C		Physics for Scientists	(4)
				İ			and Engineers	
MATH 16A	Short Calculus	(3	3)	MATH	5A		Math Analysis I	(5)
MATH 16B	Short Calculus	` -	•	MATH			-	(4)
MATH 16C	Short Calculus	(3	3)	MATH	5B		2	(4)
	OR						OR	
MATH 17A	Calculus for B	ioSci (4	1)	!			ARTICULATED: College has	
				!			course(s) for articulatio	
MATH 17B	Calculus for B	losci (4	±)	!			ARTICULATED: College has	
MARII 170	G-11	- a	1 \	!			course(s) for articulatio	
MATH 17C	Calculus for B	10SC1 (4	±)	INO CC	JURS	5 E	ARTICULATED: College has	not

	OR		submitted course(s) for articulation OR
MATH 21B MATH 21C	Calculus Calculus	(4)	MATH 5A Math Analysis I (5) MATH 5B Math Analysis II (4) MATH 6 Math Analysis III (5)
			BIOL 11A Biology for Science (5) Majors I
ENV TOX 20			NO COURSE ARTICULATED: College has not submitted course(s) for articulation
			MATH 11 Elementary Statistics (4)
STATIST 32	OR Gateway to Data Science	(4)	STAT 7 Elementary Statistics (4) OR NO COMPARABLE COURSE
	Org Chem, Hlth & Sci	(4)	CHEM 28A & Organic Chemistry I (3)
	,	, ,	CHEM 29A Organic Chemistry (2) Laboratory I
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 28A & Organic Chemistry I (3) CHEM 29A & Organic Chemistry (2) Laboratory I
			CHEM 28B & Organic Chemistry II (3) CHEM 29B Organic Chemistry (2) Laboratory II
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 28B & Organic Chemistry II (3) CHEM 29B Organic Chemistry (2) Laboratory II
	OR		OR
CHEM 128A	Organic Chemistry		CHEM 28A Organic Chemistry I (3)
CHEM 128B	Organic Chemistry	(3)	CHEM 28A & Organic Chemistry I (3)
a 100a		(2)	CHEM 28B Organic Chemistry II (3)
CHEM 128C	Organic Chemistry		
CHEM 129A	Organic Chem Lab	(2)	CHEM 29A Organic Chemistry (2) Laboratory I
CHEM 129B	Organic Chem Lab	(2)	CHEM 29A & Organic Chemistry (2) Laboratory I
			CHEM 29B Organic Chemistry (2) Laboratory II

END OF MAJOR

c) This articulation is "series for series" only.

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

CHICANO CHICANO		Intro to Chic Std Chicano Culture	, ,	1	COMPARA COMPARA				
CHICANO	21	Hlth Care Issues OR	(4)	NO 	COMPARA	ABLE (COURSE OR		
CHICANO	40	Comparative Health	(4)	1	COURSE			_	has not lation

ONE COURSE FROM THE FOLLOWING:

CHICANO 60 Chicana and Chicano Representn in Cinema	(4) NO COMPARABLE COURSE
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 1 Beginning Spanish (5)
SPANISH 2 Elementary Spanish	(5) SPAN 1 & Beginning Spanish (5)
	SPAN 2 High-Beginning Spanish (5)
SPANISH 3 Elementary Spanish	(5) SPAN 2 High-Beginning Spanish (5)
OR	OR
SPANISH 28 Inter Conversation	(2) NO COMPARABLE COURSE
b) SPANISH 31 Int Span Nat Spk I	(5) SPAN 4NS Spanish for Spanish (4)
	Speakers
b) SPANISH 32 Int Span Nat Spk II	(5) SPAN 4NS Spanish for Spanish (4)
	Speakers

b) If student takes SPAN 4NS at Clovis Community College, credit will be given for UC Davis's SPANISH 31+32 or 33

====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:

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

CHICANO 10 Intro to Chic Std (4) 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	ONE	E COURSE	FROM	THE	FOLLOWING
-------------------------------	-----	----------	------	-----	-----------

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

ONE COURSE FROM THE FOLLOWING:

CHICANO 23	Qualitative Research Methods	(4)	!	ARTICULATED: College has course(s) for articulati	
PSYCH 41	Research Methods	(4)	PSY 45	Introduction to Research Methods in Psychology	(3)
SOCIOL 46A	Intro Social Rsch	(4)	NO COMPAR.	ABLE COURSE	
SPANISH 1	Elementary Spanish	(5)	SPAN 1	Beginning Spanish	(5)
SPANISH 2	Elementary Spanish	(5)	SPAN 1 &	Beginning Spanish	(5)
			SPAN 2	High-Beginning Spanish	(5)
SPANISH 3	Elementary Spanish	(5)	SPAN 2	High-Beginning Spanish	(5)
	OR			OR	
SPANISH 28	Inter Conversation	(2)	NO COMPAR	ABLE COURSE	
b) SPANISH	31 Int Span Nat Spk I	(5)	SPAN 4NS	Spanish for Spanish	(4)
				Speakers	
b) SPANISH	32 Int Span Nat Spk II	(5)	SPAN 4NS	Spanish for Spanish	(4)
				Speakers	
END OF MAJO	R				

b) If student takes SPAN 4NS at Clovis Community College, credit will be given for UC Davis's SPANISH 31+32 or 33

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

Special Advising Note:

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

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

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

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

\mathbf{x}	CHINESE	1	Elem Chinese	9		(5)	NO	COMPARABLE	COURSE
\mathbf{x}	CHINESE	2	Elem Chinese	9		(5)	NO	COMPARABLE	COURSE
\mathbf{x}	CHINESE	3	Elem Chinese	9		(5)	NO	COMPARABLE	COURSE
\mathbf{x}	CHINESE	4	Inter Chines	se		(5)	NO	COMPARABLE	COURSE
\mathbf{x}	CHINESE	5	Inter Chines	se		(5)	NO	COMPARABLE	COURSE
x)	CHINESE	6	Inter Chines	se		(5)	NO	COMPARABLE	COURSE
			OR						OR
\mathbf{x}	CHINESE	1BL	Accl Wrtn	Chines	se I	(5)	NO	COMPARABLE	COURSE
x)	CHINESE	2BL	Accl Wrtn	Chines	se	(5)	NO	COMPARABLE	COURSE
			II						
x)	CHINESE	3BL	Accl Wrtn	Chines	se	(5)	NO	COMPARABLE	COURSE
			III						
			OR						OR
x	CHINESE	1CN	Mand/Cant	Spkrs	I	(5)	NO	COMPARABLE	COURSE
x	CHINESE	2CN	Mand/Cant	Spkrs	II	(5)	NO	COMPARABLE	COURSE
X)	CHINESE	3CN	Mand/Cant	Spkrs	III	(5)	NO	COMPARABLE	COURSE

RECOMMENDED COURSES FOR THIS MAJOR:

CHINESE 10	Modern Lit (in Engl)	(4)	NO COMPARABLE COURSE
CHINESE 11	Gt Bks China (Engl)	(4)	NO COMPARABLE COURSE
CHINESE 50	Intro to Literature	(4)	NO COMPARABLE COURSE
Same as:	JPNESE 50		
COMPLIT 14	Intro Poetry	(3)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
JPNESE 10	Masterworks in English	(4)	NO COMPARABLE COURSE
LINGUIS 1	Intro Linguistics	(4)	LING 10 Introduction to (3)
			Language
HISTORY 9A	East Asian Civ	(4)	NO COMPARABLE COURSE

 ${\bf x})$ 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.

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

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

Select two of the following courses:

CINE&TS 4	10A	Media History I	(4)	NO COURSE	ARTICULATED:	College has not
Same a	as:	SCI&TEC 40A		submitted	course(s)for	articulation
CINE&TS 4	40B	Media History 2	(4)	NO COURSE	ARTICULATED:	College has not
Same a	as:	SCI&TEC 40B		submitted	course(s)for	articulation
CINE&TS 4	41A	Cinema Hist 1895-1945	(4)	NO COURSE	ARTICULATED:	College has not
				submitted	course(s)for	articulation
CINE&TS 4	41B	Cinema Hist 1945 to	(4)	NO COURSE	ARTICULATED:	College has not
		the Present		submitted	course(s)for	articulation
FILM ST 4	45	Vampires	(4)	NO COURSE	ARTICULATED:	College has not
Same a	as:	GERMAN 45		submitted	course(s)for	articulation

Select two of the following courses:

FILM ST 1	Intro to Film Studies	(4) NO COURSE ARTICULATED: College has not
		submitted course(s) for articulation
Forme	rly Humanities 10	
TCULST 1	Intro Technocultural	(4) NO COURSE ARTICULATED: College has not
	Studies	submitted course(s) for articulation
TCULST 5	Media Archaeology	(4) NO COURSE ARTICULATED: College has not
		submitted course(s) for articulation

END OF MAJOR

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

Special Advising Note:

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

TWO COURSES FROM THE FOLLOWING:

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

ONE ADDITIONAL COURSE SELECTED FROM:

ARTHI 1A	Ancient Mediterranean Art	(4)	ART 5 Art History 1 (3)
CLASSIC 1	N East/Early Gr	(4)	NO COMPARABLE COURSE
CLASSIC 2	Anc Gr & Near East	(4)	NO COMPARABLE COURSE
CLASSIC 3	Rome & The Mediter	(4)	NO COMPARABLE COURSE
CLASSIC 4	Late Antiquity	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s)for articulation
CLASSIC 10	Gr,Roman,N East Myth	(3)	NO COMPARABLE COURSE
CLASSIC 15	Women & Gender in	(4)	NO COMPARABLE COURSE
	Classical Antiquity		
CLASSIC 20	- <u>-</u>		
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
	Ancient Science	(4)	NO COMPARABLE COURSE
	SCI&TEC 50		
COMPLIT 1	-	(4)	NO COURSE ARTICULATED: College has not
	World		submitted course(s) for articulation
	Phil Classics: Ancient	. ,	!
REL STD 21		, ,	NO COMPARABLE COURSE
REL STD 40	New Testament	(4)	NO COMPARABLE COURSE

END OF MAJOR

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

College Foreign Language Requirement Note:

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

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

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

LATIN 1	Elementary Latin	(5) NO COMPARABLE COURSE
LATIN 2	Elementary Latin	(5) NO COMPARABLE COURSE
LATIN 3	Intermediate Latin	(5) NO COMPARABLE COURSE
	AND	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 not
		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 $\underline{\text{highly recommended}}$ that students complete a series in general chemistry and a series in organic chemistry before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

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

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

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

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

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

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

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

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

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

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

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

______ (4) ENGL 1B Introduction to the Study of Literature ENGLISH 3 Intro to Lit ENGL 1BH Honors Introduction to (3) the Study of Literature OR OR UWRITING 1 Expository Writing (4) ENGL 1A Reading and (4) Composition

			<u>OR</u> ENGL 1AH 	Honors Reading and Composition	(4)
COMUNCN 1	Intro Public Spkg	(4)	COMM 1	Public Speaking	(3)
			COMM 1H	Honors Public Speaking	(3)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 11A	Biology for Science Majors I	(5)
BIOLSCI 2B		(5)	BIOL 11A		(5)
			BIOL 11B	Biology for Science Majors II	(5)
CHEM 2A	Genl Chemistry	(5)	 CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	: —	General Chemistry	(5)
			CHEM 1B	General Chemistry and Qualitative Analysis	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry and	(5)
CHEM 8A	Organic Chem-Brief	(2)	NO COURSE	Qualitative Analysis ARTICULATED: College has	not
CILLIA OII	organic onem brier	(2)		course(s)for articulatio	
CHEM 8B	Organic Chem-Brief	(4)	!	ARTICULATED: College has course(s)for articulation	
ECON 1A	Princ of Microecon	(4)	 ECON 1B	Principles of	(3)
	OR		į	Microeconomics OR	
ECON 1B	Princ of Macroecon	(4)	 ECON 1A	Principles of	(3)
		,		Macroeconomics	(- ,
PSYCH 1	General Psychology	(4)	PSY 2	General Psychology	(3)
			<u>OR</u> PSY 2H 	Honors General Psychology	(3)
SOCIOL 1	Intro Sociology	(5)	SOC 1A	Introduction to Sociology	(3)
SOCIOL 3	OR Social Problems	(4)	 NO COMPAR	OR Able course	
	OR	<i>(</i> =)		OR	(2)
ANTHRO 2	Cultural Anthropology	(5)	ANTHRO 2 	Cultural Anthropology	(3)
	Elementary Statistics : STATIST 13Y	(4)	MATH 11 OR	Elementary Statistics	(4)
			STAT 7	Elementary Statistics	(4)

END OF MAJOR

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

Special Advising Note:

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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)	LING 10 	Introduction to Language	(3)
COG SCI 1 Intro Cognitive Science OR	(4)	NO COURSE	ARTICULATED OR	
PHILOS 10 Intro Cognitive Science	(4)	!	ARTICULATED: College has course(s) for articulation	
PHILOS 12 Intro to Symbol Logic PHILOS 13G Minds, Brains Comp w/Disc		PHIL 6 NO COURSE		(3) ot
PSYCH 1 General Psychology	(4)	PSY 2	General Psychology	(3)
		PSY 2H	Honors General Psychology	(3)
PSYCH 41 Research Methods	(4)	PSY 45	Introduction to Research Methods in Psychology	(3)
STATIST 13 Elementary Statistics Same as: STATIST 13Y	(4)	MATH 11	Elementary Statistics	(4)
Same as. STATIST 131		<u>OR</u> STAT 7 	Elementary Statistics	(4)

END OF MAJOR

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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	nputationa	<u>1</u>	
ENG CS 20	C Sci/Discrete Math	(4)	CSCI 26	Discrete Mathematics	(4)
				for Computer Science	
ENG CS 32A	<pre>Intro to Programming(4)</pre>		NO COMPAR	ABLE COURSE	
Formerly	Y ENG CS 10				
	OR			OR	
ENG CS 36A	Programming	(4)	CSCI 40	Programming Concepts	(4)
Formerly	ENG CS 30			and Methodology I	
			OR		
			ENGR 40	Programming for	(4)
				Scientists and	
				Engineers	
ENG CS 34 T	JNIX & C++	(5)	NO COURSE	ARTICULATED	
	OR			OR	
ENG CS 36B	Object-Oriented Program	(4)	CSCI 41	Programming Concepts	(4)
Formerly	ENG CS 40			and Methodology II	
ENG CS 50	Machine Dependent Prog	(4)	NO COURSE	ARTICULATED: College has	not
			submitted	course(s)for articulation	n
ENG CS 32B	Intro to Data Structures	(4)			
	OR			OR	
ENG CS 36C	Data Structures	(4)	NO COMPAR	ABLE COURSE	

Formerly	ENG	CS	60
----------	-----	----	----

Former	cly ENG CS 60				
LINGUIS 1	Intro Linguistics	(4)	 LING 10 	Introduction to Language	(3)
MATH 17A	Calculus for BioSci	(4)	!	ARTICULATED: College has course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)	NO COURSE		not
	OR			OR	
MATH 21A MATH 21B		(4) (4)	MATH 5A MATH 5B 	Math Analysis I Math Analysis II	(5) (4)
MATH 22A	Linear Algebra	(3)	•	Differential Equations and Linear Algebra	(5)
MATH 22AL	Lin Alg Comp Lab	(1)	submitted	ARTICULATED: College has course(s)for articulation	
COG SCI 1 I	Intro Cognitive Science OR	(4)			
PHILOS 10	Intro Cognitive Science	(4)		course(s)for articulation	
PHILOS 12	Intro to Symbol Logic	(4)	 phit, 6	Symbolic Logic	(3)
	Minds, Brains Comp				
-	w/Disc	•		course(s)for articulation	
PSYCH 1	General Psychology	(4)	PSY 2 OR	General Psychology	(3)
			PSY 2H	Honors General Psychology	(3)
PSYCH 41	Research Methods	(4)	PSY 45	Introduction to Research Methods in Psychology	(3)
	Elementary Statistics STATIST 13Y	(4)	OR		
			STAT 7 	Elementary Statistics	(4)
			Neuroscie		
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 11A 	Biology for Science Majors I	(5)
BIOLSCI 2B		(5)	BIOL 11A <u>8</u> 		(5)
			BIOL 11B	Majors II	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree			Biology for Science Majors II	(5)
	of Life		İ		
LINGUIS 1	of Life 	(4)	 LING 10 	Language	(3)
LINGUIS 1	of Life 	(4)	LING 10	Introduction to Language	(3) not
LINGUIS 1 MATH 17A	of Life 	(4)	LING 10 NO COURSE submitted NO COURSE	Introduction to Language	(3) not on not
LINGUIS 1 MATH 17A	of Life Intro Linguistics Calculus for BioSci Calculus for Biosci Calculus for BioSci	(4) (4) (4)	LING 10 NO COURSE submitted NO COURSE submitted NO COURSE	Introduction to Language ARTICULATED: College has course(s) for articulation ARTICULATED: College has course(s) for articulation ARTICULATED: College has course(s) for articulation	(3) not not not not not
LINGUIS 1 MATH 17A MATH 17B MATH 17C	of Life Intro Linguistics Calculus for BioSci Calculus for Biosci Calculus for BioSci	(4) (4) (4) (4)	LING 10 NO COURSE submitted NO COURSE submitted NO COURSE submitted	Introduction to Language ARTICULATED: College has course(s) for articulation ARTICULATED: College has course(s) for articulation ARTICULATED: College has course(s) for articulation OR	(3) not not on not on not
LINGUIS 1 MATH 17A MATH 17B	of Life Intro Linguistics Calculus for BioSci Calculus for Biosci Calculus for BioSci OR Calculus	(4) (4) (4) (4)	LING 10 NO COURSE submitted NO COURSE submitted Submitted MATH 5A	Introduction to Language ARTICULATED: College has course(s) for articulation ARTICULATED: College has course(s) for articulation ARTICULATED: College has course(s) for articulation OR Math Analysis I	(3) not not not not not

COG SCI 1 Intro 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	(4)	NO COURSE ARTICULATED:College has not submitted course(s) for articulation
PHYSICS 7A General Physics	(4)	PHYS 2A & General Physics I (4)
PHYSICS 7B General Physics		PHYS 2B General Physics II (4) PHYS 2A & General Physics I (4) PHYS 2B General Physics II (4)
PHYSICS 7C General Physics		PHYS 2A & General Physics I (4) PHYS 2B General Physics II (4)
OR		OR
c) PHYSICS 9A Classical Physics	(5)	PHYS 4A $\underline{\&}$ Physics for Scientists (4) and Engineers
		PHYS 4B $\underline{\&}$ Physics for Scientists (4) and Engineers
		PHYS 4C Physics for Scientists (4) and Engineers
c) PHYSICS 9B Classical Physics	(5)	PHYS 4A <u>&</u> Physics for Scientists (4) and Engineers
		PHYS 4B & Physics for Scientists (4) and Engineers
		PHYS 4C Physics for Scientists (4) and Engineers
c) PHYSICS 9C Classical Physics	(5)	PHYS 4A & Physics for Scientists (4) and Engineers
		PHYS 4B & Physics for Scientists (4) and Engineers
		PHYS 4C Physics for Scientists (4) and Engineers
PSYCH 1 General Psychology	(4)	PSY 2 General Psychology (3) OR
		PSY 2H Honors General (3) Psychology
PSYCH 41 Research Methods	(4)	PSY 45 Introduction to Research (3) Methods in Psychology
STATIST 13 Elementary Statistics Same as: STATIST 13Y	(4)	MATH 11 Elementary Statistics (4)
Dalle as. SIMITSI 131		STAT 7 Elementary Statistics (4)

END OF MAJOR

c) This articulation is "series for series" only.

====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)	LING 10	Introduction to Language	(3)
COMUNCN 1	Intro Public Spkg	(4)	COMM 1	Public Speaking	(3)
	OR		COMM 1H	Honors Public Speaking OR	(3)
COMUNCN 3	Intprsnl Com Cmpetnce OR	(4)	NO COMPARA	ABLE COURSE OR	
	Global English Comm LINGUIS 5 OR	(4)	!	ARTICULATED:College has course(s)for articulation OR	
LINGUIS 5 Same as:	Global English Comm COMUNCN 5	(4)	!	ARTICULATED:College has course(s)for articulation	
COMUNCN 10Y	Intro to Communication	(4)	1	ARTICULATED: College has course(s)for articulation	
B) ENG CS 1	5 Intro to Computers	(4)	IS 15 (Computer Concepts	(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.

PHILOS 12	OR Intro to Symbol Logic	(4)	 PHIL 6	OR Symbolic Logic	(3)
PSYCH 1	General Psychology	(4)	PSY 2 OR	General Psychology	(3)
			PSY 2H 	Honors General Psychology	(3)
SOCIOL 1	Intro Sociology	(5)	SOC 1A 	Introduction to Sociology	(3)
SOCIOL 46B	Intro Social Rsch OR	(5)	NO COMPAR. 	ABLE COURSE OR	
STATIST 13 Same as	Elementary Statistics : STATIST 13Y	(4)	MATH 11	Elementary Statistics	(4)
			STAT 7	Elementary Statistics	(4)

END OF MAJOR

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

====Community and Regional Development B.S.==== Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

TWO COURSES FROM THE FOLLOWING:

1	Intro Public Spkg	(4)	COMM 1	Public Speaking	(3)
			OR		
			COMM 1H	Honors Public Speaking	(3)
1	Major Books-Ancient	(4)	NO COURSE	ARTICULATED: College has	not
	World		submitted	course(s) for articulation	on
2	Major Books-Middle Ages	(4)	NO COURSE	ARTICULATED: College has	not
	to Enlightenment		submitted	course(s) for articulation	on
3	Major Books-The Modern	(4)	NO COURSE	ARTICULATED: College has	not
	Crisis		submitted	course(s) for articulation	on
4	Maj Books:Cont Wrld	(4)	NO COURSE	ARTICULATED: College has	not
			submitted	course(s) for articulation	on
3	Intro to Lit	(4)	ENGL 1B	Introduction to the	(3)
				Study of Literature	
			OR		
			ENGL 1BH	Honors Introduction to	(3)
				the Study of	
				Literature	
5	Intro NA Literature	(4)	NO COMPARA	ABLE COURSE	
	1 2 3 4 3	<pre>1 Major Books-Ancient World 2 Major Books-Middle Ages to Enlightenment 3 Major Books-The Modern Crisis 4 Maj Books:Cont Wrld 3 Intro to Lit</pre>	<pre>1 Major Books-Ancient (4) World 2 Major Books-Middle Ages (4) to Enlightenment 3 Major Books-The Modern (4) Crisis 4 Maj Books:Cont Wrld (4) 3 Intro to Lit (4)</pre>	OR COMM 1H	OR COMM 1H

UWRITING 1	Expository Writing	(4)	ENGL 	1A	Reading and Composition	(4)
			j 0:	R		
			ENGL	1AH	Honors Reading and Composition	(4)
	Style in the Essay UWRITING 18	(4)	ENGL 	3	Critical Reading and Writing	(3)
			0:	R		
			ENGL 	3H	Honors Critical Reading and Writing	(3)
UWRITING 49 Formerly UW	Writing Research Papers RITING 19	(4)	NO C	OMPARA	BLE COURSE	
CM&RGDE 1	The Community	(4)	LNO C	OMDARA'	BLE COURSE	
	Ethnicity Amer Comm		!		BLE COURSE	
PL SCI 21	Computers in Technology	(3)	!		ARTICULATED: College has course(s)for articulation	
	OR		İ		OR	
B) ENG CS 15	Intro to Computers	(4)	is 1	5 C	omputer Concepts	(3)

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

ECON 1A	Princ of Microecon	(4)	ECON 1B	Principles of Microeconomics	(3)
	OR		İ	OR	
ECON 1B	Princ of Macroecon	(4)	ECON 1A	* = ·	(3)
LCON ID	TITHE OF HACEOCOUR	(- /		Macroeconomics	(3)
ANTHRO 2	Cultural Anthropology	(5)	ANTHRO 2	Cultural Anthropology	(3)
ANTIIKO Z	OR	(3)	ANTIIKO Z	OR	(3)
SOCIOL 1	Intro Sociology	(5)	SOC 1A	Introduction to	(3)
300101 1	inclo Sociology	(3)	BOC IA	Sociology	(3)
			l	Sociology	
STATIST 13	Elementers Statistics	(1)	 Marrit 11	Elementary Statistics	(4)
	Elementary Statistics : STATIST 13Y	(4)	:	Elementary Statistics	(4)
Salle as	· STATIST ISY		OR 7	73 Ottiti	(4)
	25		STAT 7		(4)
	OR			OR	
STATIST 32	Gateway to Data Science	(4)	NO COMPAR	ABLE COURSE	
	OR			OR	
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPAR	ABLE COURSE	

END OF MAJOR

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

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

Special Advising Note:

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

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 COURSE ARTICULATED: College has not |submitted course(s) for articulation World OR OR COMPLIT 2 Major Books-Middle Ages (4) NO COURSE ARTICULATED: College has not to Enlightenment | submitted course(s) for articulation _____ COMPLIT 3 Major Books-The Modern (4) \mid NO COURSE ARTICULATED: College has not |submitted course(s) for articulation Crisis OR OR COMPLIT 4 Maj Books:Cont Wrld (4) NO COURSE ARTICULATED: College has not |submitted course(s) for articulation

| Submitted Course(s) for articulation

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			ARTICULATED: College has not
	World		submitted	course(s) for articulation
COMPLIT 2	Major Books-Middle Ages	(4)	NO COURSE	ARTICULATED: College has not
	to Enlightenment		submitted	course(s) for articulation
COMPLIT 3	Major Books-The Modern	(4)	NO COURSE	ARTICULATED: College has not

		Crisis		submitted	<pre>course(s) for articulation</pre>
COMPLIT	4	Maj Books:Cont Wrld	(4)	NO COURSE	ARTICULATED: College has not
				submitted	course(s) for articulation
COMPLIT	5	Fairy Tales, Fables,	(4)	NO COURSE	ARTICULATED: College has not
		Parables		submitted	course(s) for articulation
COMPLIT	6	Myths & Legends	(4)		ARTICULATED: College has not
				submitted	course(s) for articulation
COMPLIT	7	Lit:Fant,Supernatl	(4)	!	ARTICULATED: College has not
					course(s) for articulation
COMPLIT	8	Utopias Transform	(4)		ARTICULATED: College has not
				!	course(s) for articulation
COMPLIT	9	Short Story & Novella	(4)		ARTICULATED: College has not
				!	course(s) for articulation
COMPLIT			(4)		ARTICULATED: College has not
Same				1	course(s)for articulation
COMPLIT	12	Intro Women Writers	(4)	1	ARTICULATED: College has not
					course(s) for articulation
COMPLIT	13	Dramatic Lit	(3)		ARTICULATED: College has not
					course(s) for articulation
COMPLIT	14	Intro Poetry	(3)	1	ARTICULATED: College has not
				!	course(s) for articulation
COMPLIT	20	Humans & Natural World	(4)	!	ARTICULATED: College has not
				!	course(s) for articulation
COMPLIT	24	Animals in Literature	(4)		ARTICULATED: College has not
				1	course(s)for articulation
COMPLIT	25	Ethnic Writers	(4)	!	ARTICULATED: College has not
		-1. 6 1		!	course(s) for articulation
COMPLIT	53A	Lit of East Asia	(4)		ARTICULATED: College has not
				!	course(s) for articulation
COMPLIT	53B	Lit of South Asia	(4)		ARTICULATED: College has not
	-0.4	-1. 6.1 - 1		1	course(s) for articulation
COMPLIT	53C	Lit of the Islamic	(4)		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

<u>General Catalog</u>. Quick reference charts for \underline{AP} and \underline{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 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 Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG 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 21B	Calculus	. ,	MATH		Math Analysis II	(4)
MATH 21C	Calculus	(4)	MATH 	6 	Math Analysis III	(5)
MATH 22A	Linear Algebra	(3)	MATH 	17	Differential Equations and Linear Algebra	(5)
	OR				OR	
MATH 67	Modern Linear Algebra	(4)	!		ARTICULATED: College has course(s) for articulation	
ENG CS 20	C Sci/Discrete Math	(4)	CSCI 	26	Discrete Mathematics for Computer Science	(4)
	Programming ENG CS 30	(4)	CSCI	40	Programming Concepts and Methodology I	(4)
			01	<u>R</u>		
			ENGR 	40	Programming for Scientists and Engineers	(4)
	Object-Oriented Program ENG CS 40	(4)	CSCI	41	Programming Concepts and Methodology II	(4)
	Data Structures ly ENG CS 60	(4)	NO CO	OMPAR	ABLE COURSE	
ENG CS 50	Machine Dependent Prog	(4)	!		ARTICULATED: College has course(s) for articulation	

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

THREE OF THE FOLLOWING COURSES:							
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL	11A	Biology for Science Majors I	(5)	
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL	11A <u>&</u>	3	(5)	
			BIOL	11B	Biology for Science Majors II	(5)	
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 	11B	Biology for Science Majors II	(5)	
CHEM 2A	Genl Chemistry	(5)	CHEM	1A	General Chemistry	(5)	
CHEM 2B	Genl Chemistry	(5)	CHEM	1A &	General Chemistry	(5)	
			CHEM	1B	General Chemistry and Qualitative Analysis	(5)	
CHEM 2C	Genl Chemistry	(5)	CHEM	1B	General Chemistry and Qualitative Analysis	(5)	
CHEM 2AH	Honors Genl Chemistry	(5)	NO CO	MPARAI	BLE COURSE		
CHEM 2BH	Honors Genl Chemistry	(5)	NO CO	MPARAI	BLE COURSE		
CHEM 2CH	Honors Genl Chemistry	/			BLE COURSE		
c) PHYSICS	9A Classical Physics	(5)	PHYS 	4A <u>&</u>	Physics for Scientists and Engineers	(4)	
			PHYS 	4B <u>&</u>	Physics for Scientists and Engineers	(4)	
			PHYS	4C	Physics for Scientists and Engineers	(4)	
c) PHYSICS	9B Classical Physics	(5)	PHYS	4A <u>&</u>	Physics for Scientists and Engineers	(4)	
			PHYS	4B <u>&</u>	Physics for Scientists and Engineers	(4)	
			PHYS	4C	Physics for Scientists and Engineers	(4)	
c) PHYSICS	9C Classical Physics	(5)	PHYS	4A <u>&</u>	Physics for Scientists	(4)	

				and	Engi	lneeı	îs		
PH	IYS	4B	<u>&</u>	Phys	sics	for	Scient	ists	(4)
				and	Engi	lneeı	îs		
PH	IYS	4C		Phys	sics	for	Scient	ists	(4)
İ				and	Engi	lneeı	ŝs		

END OF MAJOR

c) This articulation is "series for series" only.

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

TWO COURSES FROM THE FOLLOWING:

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

ART 12 Be	ginning Video	(4)		ARTICULATED: College has not course(s) for articulation
DESIGN 40A	Energy, Materials, Design	(4)	NO COURSE	ARTICULATED: College has not course(s) for articulation
DESIGN 40B	Ideologies of Design	(4)	NO COURSE	ARTICULATED: College has not course(s) for articulation
DESIGN 40C	Design Aesthetics/Exper	(4)	1	ARTICULATED: College has not course(s) for articulation
DESIGN 50	Intro to 3-D Design	(4)	•	ARTICULATED: College has not course(s) for articulation
DESIGN 70	Intro Textile Structure	(4)	1	ARTICULATED: College has not course(s) for articulation
DESIGN 77	Intro to Fashion Design	(4)	NO COMPARA	ABLE COURSE
UWRITING 11	Pop Sci & Technol Wrtng OR	(4)	1	ARTICULATED: College has not course(s)for articulation OR
UWRITING 12	Writing/Visual Rhetoric OR	(4)	•	ARTICULATED: College has not course(s)for articulation OR
	Style in the Essay UWRITING 18	(4)	ENGL 3	Critical Reading and (3) Writing
			<u>OR</u> ENGL 3H 	Honors Critical Reading (3) and Writing
	OR			OR
UWRITING 49 Formerly UW END OF MAJOR		(4)	NO COMPARA	ABLE COURSE

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

Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis 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 $\frac{\text{General Catalog}}{\text{available from our TAG website.}}$

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

ONE COURSE FROM THE FOLLOWING:

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

Intergermental Conoral Education Transfer Curriculum (ICEEC) / HC 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 Earth	(5)	 BIOL 	117	<i>A</i>	Biology Majors	for Sc	ience	(5)
BIOLSCI	2B	<pre>Intro Biology: Ecology & Evolution</pre>	(5)	BIOL	117	<u>&</u>		for Sc	ience	(5)
				BIOL	11E	3	Biology Majors	for Sc	ience	(5)
BIOLSCI	2C	Intro Biology: Biodiversity & the Tree of Life		BIOL 	11F	3	Biology Majors	for Sc	ience	(5)
CHEM 2A CHEM 2B		nl Chemistry nl Chemistry		CHEM CHEM CHEM	1A	<u>&</u>	General General General Qualitat	Chemist Chemist	ry ry and	(5) (5) (5)
PHYSICS	1A	Principles Physics	(3)	NO C	OMP <i>I</i>	ARAE	BLE COURS	 SE		
PHYSICS		Principles Physics		!			BLE COURS			
		OR		İ			C)R		
PHYSICS	7A	General Physics	(4)			_	General			(4)
				PHYS			General	_		(4)
PHYSICS	7В	General Physics	(4)	:		_	General			(4)
D	T. C.	a l pl	(1)	PHYS						(4)
PHYSICS	/C	General Physics	(4)	:		_	General			(4)
				PHYS	ZΒ		General			(4)

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

phy	VS.	٦.	\mathbf{C}	S	

MATH 16A	Short Calculus	(3)	MATH 5A	Math Analysis I (5	5)
MATH 16B	Short Calculus	(3)	MATH 5B	Math Analysis II (4	1)
	OR		j	OR	
MATH 17A	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has no	ot
			submitted	<pre>course(s) for articulation</pre>	
MATH 17B	Calculus for Biosci	(4)	NO COURSE	ARTICULATED: College has no	ot
			submitted	<pre>course(s) for articulation</pre>	
	OR			OR	
MATH 21A	Calculus	(4)	MATH 5A	Math Analysis I (5	5)
MATH 21B	Calculus	(4)	MATH 5B	Math Analysis II (4	4)
ENV S&P 1	Env Analysis	(4)	NO COMPARA	ABLE COURSE	
			· 		

PREPARATION FOR GRADUATION:

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

-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 1	B Principles of Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4) ECON 1	A Principles of Macroeconomics	(3)
STATIST 13 Same as:	Elementary Statistics STATIST 13Y	(4) MATH 1 OR	Elementary Statistics	(4)
		STAT 7	7 Elementary Statistics	(4)
		~ ==== .	diemeneary beactberes	(- /
	OR		OR	(1)
STATIST 32				
STATIST 32 MATH 16A	· · · · · · · · · · · · · · · · · · ·		OR MPARABLE COURSE	(5)
	Gateway to Data Science	(4) NO COM	OR MPARABLE COURSE 	
 MATH 16A	Gateway to Data ScienceShort Calculus Short Calculus	(4) NO COM	OR MPARABLE COURSE SA Math Analysis I Math Analysis II OR	(5)

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

MATH 21C	Calculus	(4) MATH 6	Math Analysis III	(5)
MATH 22A	Linear Algebra	(3) MATH 17	Differential Equations	(5)
			and Linear Algebra	

====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 Ir	ntro to Lit	(4)	ENGL O E		Introduction to the Study of Literature	(3)
	OR		ENGL	1BH	Honors Introduction to the Study of Literature OR	(3)
UWRITING 1	Expository Writing	(4)	ENGL OF		Reading and Composition	(4)
			ENGL 	1AH	Honors Reading and Composition	(4)
ENGLISH 10A	Literatures in English I: To 1700	(4)	ENGL 	46A	English Literature to 1800	(3)
d) ENGLISH 10B	Literatures in English II: 1700-1900	(4)	ENGL OF		American Literature: Origins through Reconstruction (1877)	(3)
			ENGL	46B	English Literature from 1800 to the present	(3)
d) ENGLISH 10C	Literatures in English III: 1900 to Present	(4)	 ENGL OF		American Literature: 1877 to Present	(3)
			ENGL	-	English Literature from 1800 to the present	(3)

ONE COURSE FROM THE FOLLOWING:

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

END OF MAJOR

d) Students who complete ENGL 46B at Clovis Community College will receive credit at UC Davis for ENGLISH 10B or 10C, not both.

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

Special Advising Note:

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

avariable i	erom our ind website.		
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 11A Biology for Science (5) Majors I
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	1
			BIOL 11B Biology for Science (5) Majors II
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life		BIOL 11B Biology for Science (5) Majors II
	Genl Chemistry Genl Chemistry		CHEM 1A General Chemistry (5) CHEM 1A & General Chemistry (5)
CHEM ZB	Geni Chemistry	(3)	CHEM 1A General Chemistry (5) General Chemistry and (5) Qualitative Analysis
CHEM 8A	Organic Chem-Brief	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
CHEM 8B	Organic Chem-Brief	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
	OR		OR
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 28A & Organic Chemistry I (3)
			CHEM 29A Organic Chemistry (2) Laboratory I
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 28A & Organic Chemistry I (3)
			CHEM 29A & Organic Chemistry (2) Laboratory I
			CHEM 28B & Organic Chemistry II (3)
			CHEM 29B Organic Chemistry (2) Laboratory II
MATH 16A	Short Calculus	(3)	MATH 5A Math Analysis I (5)
MATH 16B	Short Calculus		MATH 5B Math Analysis II (4)
MATH 16C	Short Calculus OR	(3)	MATH 5B Math Analysis II (4) OR
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not

	OR		submitted	course(s) for articulat. OR	ion
	Calculus Calculus Calculus	(4)	!	Math Analysis I Math Analysis II Math Analysis III	(5) (4) (5)
PHYSICS 1A PHYSICS 1B	Principles Physics Principles Physics		!	ABLE COURSE ABLE COURSE	
	Elementary Statistics STATIST 13Y	(4)	MATH 11 <u>OR</u>	Elementary Statistics	(4)
	OR		STAT 7 	Elementary Statistics OR	(4)
STATIST 32	Gateway to Data Science OR	(4)	 NO COMPAR <i>i</i> 	ABLE COURSE OR	
PL SCI 21	Computers in Technology	(3)	!	ARTICULATED: College has course(s) for articulation	

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

Special Advising Note:

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

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

Any required courses that are offered at your current college must be completed by the close of spring term for fall enrollment at UC Davis. If required

courses are not offered at your California Community College (i.e. those identified on ASSIST as NO COMPARABLE COURSE or NO COURSE ARTICULATED), you must complete them after enrolling at UC Davis.

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

AP and IB examination credit policies are detailed in the UC Davis 2018-2019 General Catalog. Quick reference charts for AP and 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 $\underline{\text{highly recommended}}$ that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

ENVHORT 1 Intro Envhort/Urb For (3) NO COMPARABLE COURSE ENVHORT 6 Intro Environ Plants (4) NO COURSE ARTICULATED: College has not

			submitted course(s)for articulation
LND ARC 30	History Environ Design	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 11A Biology for Science (5) Majors I
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 11A & Biology for Science (5) Majors I BIOL 11B Biology for Science (5)
PL SCI 2	Bot Physio Cul Plt	(4)	Majors II NO COURSE ARTICULATED: College has not submitted course(s)for articulation
	Genl Chemistry Genl Chemistry		CHEM 1A General Chemistry (5) CHEM 1A & General Chemistry (5) CHEM 1B General Chemistry and Qualitative Analysis
ENV S&P 1	Env Analysis OR	(4)	NO COMPARABLE COURSE OR
ENV S&P 10	Current Issues in Environment	(3)	NO COMPARABLE COURSE
ENV S&P 1	10 not open for credit to OR	stude	ents who have completed ENV S&P 1 OR
	Global Ecosystem ENV SC&M 30	(3)	NO COMPARABLE COURSE
PHYSICS 1A PHYSICS 1B	Principles Physics Principles Physics		NO COMPARABLE COURSE NO COMPARABLE COURSE
PL SCI 21	Computers in Technology	(3)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
MATH 16A	Short Calculus OR	(3)	MATH 5A Math Analysis I (5) OR
	Elementary Statistics STATIST 13Y	(4)	MATH 11 Elementary Statistics (4) OR
			STAT 7 Elementary Statistics (4)
division s	e lower division resource social science/humanities tation with advisor		nce course and one lower se for a minimum of six quarter units
	URBAN LANDSCAPE		
SCI&SOC 18	GIS & Society		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
_	RECOMMEN	IDED (COURSES:
COMUNCN 1	Intro Public Spkg	(4)	COMM 1 Public Speaking (3)
			COMM 1H Honors Public Speaking (3)
END OF MAJOR	 }		

END OF MAJOR

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

Transfer students are strongly advised to complete as many preparatory courses

as possible for their major before enrolling at UC Davis. In particular, it is $\frac{\text{highly recommended}}{\text{Preparing well for the major helps}}$ 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 General Catalog . Quick reference charts for AP and IB are also

	e from our TAG website.	LLS	ior AP and 15 are also
COMUNCN 1	Intro Public Spkg	(4)	<u>OR</u>
	OR		COMM 1H Honors Public Speaking (3) OR
COMUNCN 3	Intprsnl Com Cmpetnce OR	(4)	NO COMPARABLE COURSE OR
DRAMART 1	* - ·	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
BIOLSCI 2	A Intro Biology:Life on Earth OR	(5)	BIOL 11A Biology for Science (5) Majors I OR
BIOLSCI 1	~	(4)	BIOL 3 Introduction to Life (4) Science
CHEM 2A	Genl Chemistry OR	(5)	CHEM 1A General Chemistry (5)
CHEM 10	Concept of Chem	(4)	NO COMPARABLE COURSE
PHYSICS 1	A Principles Physics	(3)	
BIOLSCI 2	B Intro Biology: Ecology & Evolution	(5)	BIOL 11A & Biology for Science (5) Majors I
			BIOL 11B Biology for Science (5) Majors II
CHEM 2B	OR Genl Chemistry	(5)	OR CHEM 1A & General Chemistry (5)
	-		CHEM 1B General Chemistry and (5) Qualitative Analysis
PHYSICS 1	OR B Principles Physics	(3)	OR
	ONE COURSE FR		·
	ONE COURSE PRO	OM 1.	HE FOLLOWING.
PL SCI 21	Computers in Technology	(3)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
SCI&SOC 1	OR .8 GIS & Society	(2)	OR NO COURSE ARTICULATED: College has not
5010000 1	.o Gib & Society	(3)	submitted course(s) for articulation
ECON 1A	Princ of Microecon	(4)	ECON 1B Principles of (3)
ECON 1B	Princ of Macroecon	(4)	ECON 1A Principles of (3) Macroeconomics

ONE COURSE FROM THE FOLLOWING:

ATM SCI 60	Intro to Atmospheric Science	(4)	NO COMPARA	ABLE COURSE	
PL SCI 12	1 The Earth Plants and Society SCI&SOC 12		NO COURSE	Physical Geology ARTICULATED: College has course(s)for articulatio	not
W&F BIO 51	Intro to Conservation Biology	(3)		ARTICULATED: College has course(s) for articulati	
ENV S&P 1	Env Analysis	(4)	NO COMPARA	ABLE COURSE	
MATH 16A MATH 16B				Math Analysis I Math Analysis II OR	
MATH 17A	Calculus for BioSci	(4)		ARTICULATED: College has course(s) for articulati	
MATH 17B	Calculus for Biosci	(4)	!	ARTICULATED: College has course(s) for articulati	
	OR			OR	
MATH 21A		(4)	MATH 5A		(5)
MATH 21B	Calculus	(4)	MATH 5B 	Math Analysis II	(4)
POL SCI 1	Amer Natl Govt	(4)	POLSCI 2	American Government	(3)
	Elementary Statistics STATIST 13Y	(4)	MATH 11 OR	Elementary Statistics	(4)
			STAT 7	Elementary Statistics	(4)
STATIST 32	OR Gateway to Data Science	(4)	 NO COMPARA	OR Able course	
SCI&SOC 25	_		1	AREA: ARTICULATED: College has course(s) for articulati	

END OF MAJOR

f) If a student takes GEOL 1 at Clovis Community College, credit will be given for UC Davis's GEOLOGY 1 or 50+50L, not both.

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

______ COMUNCN 1 Intro Public Spkg (4) COMM 1 Public Speaking OR COMM 1H Honors Public Speaking (3) OR OR

COMUNCN 3	Intprsnl Com Cmpetnce OR	(4)	NO COMPARABLE COURSE OR
DRAMART 10	Intro To Acting	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 11A Biology for Science (5) Majors I
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 11A $\underline{\&}$ Biology for Science (5) Majors I
			BIOL 11B Biology for Science (5) Majors II
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life		BIOL 11B Biology for Science (5) Majors II
	Genl Chemistry Genl Chemistry		CHEM 1A General Chemistry (5) CHEM 1A & General Chemistry (5)
	-	. ,	CHEM 1B General Chemistry and (5) Qualitative Analysis
CHEM 2AH	OR Honors Genl Chemistry	(5)	OR
	Honors Genl Chemistry		NO COMPARABLE COURSE
f) GEOLOGY	1 The Earth OR	(4)	GEOL 1 Physical Geology (4)
f) GEOLOGY	50 Physical Geology	(3)	GEOL 1 Physical Geology (4)
PHYSICS 1A PHYSICS 1B			NO COMPARABLE COURSE NO COMPARABLE COURSE OR
PHYSICS 7A	_	(4)	PHYS 2A & General Physics I (4) PHYS 2B General Physics II (4)
PHYSICS 7B	General Physics	(4)	PHYS 2A $\underline{\&}$ General Physics I (4)
PHYSICS 7C	General Physics	(4)	PHYS 2B General Physics II (4) PHYS 2A & General Physics I (4) PHYS 2B General Physics II (4)
their commuseries before series may Davis, and physics.	unity college that is equivable transferring. Students to be required to take additionally will need to meet with a Universe	alen who onal C Da	mplete an entire physics series at to the entire UC Davis Physics 7A/B/C transfer without completing an entire physics courses upon arrival at UC vis advisor before continuing with
ECON 1A	Princ of Microecon	(4)	ECON 1B Principles of (3) Microeconomics
			MATH 5A Math Analysis I (5)
МАТН 16В	Short Calculus OR	(3)	MATH 5B Math Analysis II (4) OR
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
143 FFFF 013	OR	(1)	OR
	Calculus	(4)	MATH 5A Math Analysis I (5) MATH 5B Math Analysis II (4)
ENV S&P 1	Env Analysis	(4)	
			FOR THIS MAJOR:
CHEM 2C	Genl Chemistry	(5)	CHEM 1B General Chemistry and (5) Qualitative Analysis

CHEM 2CH	OR Honors Genl Chemistry	OR (5) NO COMPARABLE COURSE
	PREPARATION	FOR GRADUATION:
	Elementary Statistics STATIST 13Y	(4) MATH 11 Elementary Statistics (4) OR
		STAT 7 Elementary Statistics (4)
	ECOLOGY, BIODIVERSITY,	AND CONSERVATION TRACK:
ATM SCI 60	Intro to Atmospheric Science	(4) NO COMPARABLE COURSE
	CLIMATE CHANG	E AND AIR QUALITY TRACK:
ATM SCI 60	Intro to Atmospheric Science	(4) NO COMPARABLE COURSE
	WATERSHED	SCIENCE TRACK:
	Water, Power, Society SCI&SOC 10	(3) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
GEOLOGY 35	Rivers	(3) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
LND ARC 60	Landform Grading Studio	(6) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
END OF MAJO	 R	

f) If a student takes GEOL 1 at Clovis Community College, credit will be given for UC Davis's GEOLOGY 1 or 50+50L, not both.

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

Special Advising Note:

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

Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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	A Int:	ro Biology:Life	on (5)	BIOL	11A	Biology for Majors I	Science	(5)
BIOLSCI 2E	3 Int:	ro Biology: Ecolovolution	ogy (5)	BIOL	11A &		Science	(5)
				BIOL	11B	Biology for Majors II	Science	(5)

BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life		BIOL 11B Biology for Science (5) Majors II
CHEM 2A CHEM 2B	Genl Chemistry Genl Chemistry		CHEM 1A General Chemistry (5) CHEM 1A & General Chemistry (5) CHEM 1B General Chemistry and (5) General Chemistry and (5) Qualitative Analysis
CHEM 2C	Genl Chemistry OR	(5)	CHEM 1B General Chemistry and (5) Qualitative Analysis OR
CHEM 2AH CHEM 2BH CHEM 2CH	Honors Genl Chemistry Honors Genl Chemistry Honors Genl Chemistry	(5)	NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 28A & Organic Chemistry I (3) CHEM 29A Organic Chemistry (2) Laboratory I
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 28A & Organic Chemistry I (3) CHEM 29A & Organic Chemistry (2) Laboratory I
			CHEM 28B & Organic Chemistry II (3) CHEM 29B Organic Chemistry (2) Laboratory II
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 28B & Organic Chemistry II (3) CHEM 29B Organic Chemistry (2) Laboratory II
	OR		OR
CHEM 128A	Organic Chemistry	(3)	CHEM 28A Organic Chemistry I (3)
CHEM 128B	Organic Chemistry	(3)	CHEM 28A & Organic Chemistry I (3) CHEM 28B Organic Chemistry II (3)
CHEM 128C	Organic Chemistry	(3)	CHEM 28B Organic Chemistry II (3)
CHEM 129A	Organic Chem Lab	(2)	CHEM 29A Organic Chemistry (2) Laboratory I
MATH 17A	Calculus for BioSci		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not
MATH 17C	Calculus for BioSci	(4)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	OR		OR
MATH 21A	Calculus		MATH 5A Math Analysis I (5)
MATH 21B	Calculus		MATH 5B Math Analysis II (4)
MATH 21C	Calculus	(4)	MATH 6 Math Analysis III (5)
PHYSICS 7A	General Physics	(4)	PHYS 2A & General Physics I (4) PHYS 2B General Physics II (4)
PHYSICS 7B	General Physics	(4)	PHYS 2A & General Physics I (4)
			PHYS 2B General Physics II (4)
PHYSICS 7C	General Physics	(4)	PHYS 2A & General Physics I (4) PHYS 2B General Physics II (4)
			Time 2D 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

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

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

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

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

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

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

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

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

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

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

a minimum, for admission students MUST complete courses comparable to UC Davis's Biological Sciences 2A/B/C; Mathematics 17A/B/C or 21A/B; and Chemistry 2A/B/C. See the B.S. degree in this major for additional course articulation information.

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

BIOLSCI	2A	Intro Biology:Life o	n (5)	BIOL 	11A	Biology for Science Majors I	(5)
BIOLSCI	2B	Intro Biology: Ecolo & Evolution	gy (5)	BIOL	11A 8	3	(5)
				BIOL	11B	Biology for Science Majors II	(5)
BIOLSCI	2C	Intro Biology: Biodiversity & the T of Life	(5) ree	BIOL 	11B	Biology for Science Majors II	(5)
CHEM 2A CHEM 2B		nl Chemistry nl Chemistry	, ,	!		General Chemistry	(5) (5) (5)
CHEM 8A	Or	ganic Chem-Brief	(2)	!		ARTICULATED: College has r course(s) for articulation	
CHEM 8B	0r	ganic Chem-Brief	(4)	!		ARTICULATED: College has r course(s)for articulation	
MATH 17	A C	alculus for BioSci	(4)	!		ARTICULATED: College has r course(s) for articulation	

MATH 17B	Calculus for	Biosci	(4)			ARTICULATED: College course(s) for artic	
	OR		i			OR	
MATH 21A	Calculus		(4)	MATH	5A	Math Analysis I	(5)
MATH 21B	Calculus		(4)	MATH	5B	Math Analysis II	(4)
PHYSICS 1A	Principles	Physics	(3)	NO C	OMPAR.	ABLE COURSE	
PHYSICS 1B	Principles	Physics	(3)	NO C	OMPAR.	ABLE COURSE	
			RECOMMEN	IDED:			
MATH 17C	Calculus for	BioSci	(4)			ARTICULATED: College course(s) for artic	
	OR		i	Dabin	ircca	OR	aracron
MATH 21C	Calculus		(4)	MATH	6 	Math Analysis III	(5)

END OF MAJOR

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

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

Mathematics 17A/B/C 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 $\frac{\text{General Catalog}}{\text{available from our TAG website.}}$

BIOLSCI	2A	Intro Biology:Life on Earth	(5)	BIOL	11A	Biology for Science (! Majors I	5)
BIOLSCI	2B	Intro Biology: Ecology & Evolution	(5)	 BIOL 	11A	_	5)
				BIOL	11B	Biology for Science (! Majors II	5)
BIOLSCI	2C	Intro Biology: Biodiversity & the Tree of Life	. ,	BIOL 	11B	Biology for Science (! Majors II	5)
CHEM 2A CHEM 2B		enl Chemistry enl Chemistry	, ,	CHEM CHEM CHEM 	1A &	General Chemistry (!	5) 5) 5)
CHEM 2C	G 	enl Chemistry	(5)	 CHEM 	1B		5)
CHEM 8A	0	rganic Chem-Brief	(2)	!		ARTICULATED: College has no course(s)for articulation	ot
CHEM 8B	0	rganic Chem-Brief	(4)			ARTICULATED: College has no course(s) for articulation	ot
		OR				OR	
CHEM 118	ВА	Org Chem, Hlth & Sci	(4)	CHEM CHEM			3) 2)

CHEM 118B	Org Chem, Hlth & Sci Org Chem, Hlth & Sci		Laboratory I CHEM 28A & Organic Chemistry I (3) CHEM 29A & Organic Chemistry (2) Laboratory I CHEM 28B & Organic Chemistry II (3) CHEM 29B Organic Chemistry (2) Laboratory II CHEM 28B & Organic Chemistry II (3) CHEM 29B Organic Chemistry II (3) CHEM 29B Organic Chemistry II (3) CHEM 29B Laboratory II						
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not						
MATH 17B	Calculus for Biosci	(4)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not						
MATH 17C	Calculus for BioSci OR	(4)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation OR						
MATH 21A	-	(4)							
MATH 21B	Calculus	(4)	MATH 5A Math Analysis I (5) MATH 5B Math Analysis II (4)						
PHYSICS 7B	General Physics General Physics General Physics	(4)	PHYS 2A & General Physics I (4) PHYS 2B General Physics II (4) PHYS 2A & General Physics I (4) PHYS 2B General Physics II (4) PHYS 2A & General Physics II (4) PHYS 2B General Physics I (4) PHYS 2B General Physics II (4)						
their commu series befo series may	unity college that is equivore transferring. Students be required to take additionally will need to meet with a to	valen who ional JC Da	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						
MATH 21C		(4)	MATH 6 Math Analysis III (5)						
END OF MAJO	DR								
===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 1A General Chemistry (5) The undergraduate major Fiber and Polymer Science in the College of Agricultural and Environmental Sciences has been suspended for fall 2017 applicants, and fall 2017 TAGs will not be available. The minor in Fiber and Polymer Science will remain available to these applicants. Fall 2017 applicants are encouraged to consider the Textiles and Clothing major, Textile Science option.									
 CHEM 2B	Genl Chemistry	(5)	CHEM 1A & General Chemistry (5) CHEM 1B General Chemistry and (5)						

CHEM 2B Gen1 Chemistry (5) CHEM 1A General Chemistry (5) CHEM 1B General Chemistry and (5) Qualitative Analysis

CHEM 2C Gen1 Chemistry (5) CHEM 1B General Chemistry and (5) Qualitative Analysis

B) ENG CS 15 Intro to Computers (4) IS 15 Computer Concepts (3) OR

ENG CS 36A Programming Formerly ENG CS 30	(4) CSCI 40 	Programming Concepts and Methodology I	(4)
	OR		
	ENGR 40	Programming for	(4)
	Ì	Scientists and	
	İ	Engineers	

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

MATH 16A	Short Calculus	(3)	MATH	5A	Math Analysis I	(5)
MATH 16B	Short Calculus	(3)	MATH	5B	Math Analysis II	(4)
MATH 16C	Short Calculus	(3)	MATH	5B	Math Analysis II	(4)
	OR				OR	
MATH 21A	Calculus	(4)	MATH	5A	Math Analysis I	(5)
MATH 21B	Calculus	(4)	MATH	5B	Math Analysis II	(4)
MATH 21C	Calculus	(4)	MATH	6	Math Analysis III	(5)
PHYSICS 7A	General Physics	(4)	PHYS	2A &	General Physics I	(4)
		İ	PHYS	2в	General Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYS	2A &	General Physics I	(4)
		į	PHYS	2В	General Physics II	(4)
PHYSICS 7C	General Physics	(4)	PHYS	2A &	General Physics I	(4)
		į	PHYS	2в	General Physics II	(4)
It is highly	v recommended that	atudenta con	nnlete	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.

physics.	0.7			ı			27	
c) PHYSICS	OR 9A Classical	Physics	(5)	 PHYS	4A	<u>&</u>	OR Physics for Scientists	(4)
				 PHYS	4B	<u>&</u>	<u>-</u>	(4)
				 PHYS 	4C		and Engineers Physics for Scientists and Engineers	(4)
c) PHYSICS	9B Classical	Physics	(5)	PHYS	4A	<u>&</u>	_	(4)
				PHYS	4B	<u>&</u>	_	(4)
				PHYS	4C		Physics for Scientists and Engineers	(4)
c) PHYSICS	9C Classical	Physics	(5)	PHYS	4A	<u>&</u>	Physics for Scientists and Engineers	(4)
				PHYS	4B	<u>&</u>	Physics for Scientists and Engineers	(4)
				PHYS	4C		Physics for Scientists and Engineers	(4)
	Elementary S STATIST 13Y	tatistics	(4)	 MATH OF			Elementary Statistics	(4)
					_		Elementary Statistics	(4)
TEX&CL 6	Intro Textiles		(4)	NO CO	OMP <i>I</i>	ARAI	BLE COURSE	
TEX&CL 8	Textile Appare OR	l Ind	(4)	NO CO	OMP <i>I</i>	ARAI	BLE COURSE OR	

(4) ENGR 4

Engineering Materials

(3)

ENGIN 45

Prop of Mats

	PREPARATIO	N FOR GRADUATION:	
CHEM 128A CHEM 128B	Organic Chemistry Organic Chemistry	(3) CHEM 28A Organic Chemistry I	
CHEM 120B	Organic Chemistry	(3) CHEM 28A Organic Chemistry I CHEM 28B Organic Chemistry I	
CHEM 128C	Organic Chemistry	(3) CHEM 28B Organic Chemistry I	I (3)
CHEM 129A	Organic Chem Lab	(2) CHEM 29A Organic Chemistry Laboratory I	(2)
CHEM 129B	Organic Chem Lab	(2) CHEM 29A & Organic Chemistry Laboratory I	(2)
		CHEM 29B Organic Chemistry Laboratory II	(2)
	ELEC	TIVE COURSES:	
ECON 1A	Princ of Microecon	(4) ECON 1B Principles of Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4) ECON 1A Principles of Macroeconomics	(3)

PL SCI 21 Computers in Technology (3) NO COURSE ARTICULATED: College has not submitted course(s) for articulation

MATH 22B Differntl Equations (3) MATH 17 Differential Equations (5)

(3) | MATH 17 Differential Equations (5)

and Linear Algebra

and Linear Algebra

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.
- c) This articulation is "series for series" only.

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

Special Advising Note:

MATH 22A Linear Algebra

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.

Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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) COMM 1 <u>OR</u> COMM 1H	Public Speaking Honors Public Speaking	(3)
MATH 16A	Short Calculus	(3) MATH 5A	Math Analysis I	(5)
MATH 16B	Short Calculus	(3) MATH 5B	Math Analysis II	(4)

MATH 16C Short Calculus	(3)	MATH 5B Math Analysis II (4)
BIOLSCI 2A Intro Biology:Life on Earth	(5)	BIOL 11A Biology for Science (5) Majors I
CHEM 2A Genl Chemistry		CHEM 1A General Chemistry (5) CHEM 1A & General Chemistry (5) CHEM 1B General Chemistry and (5)
CHEM 2C Genl Chemistry	(5)	Qualitative Analysis CHEM 1B General Chemistry and (5) Qualitative Analysis
CHEM 8A Organic Chem-Brief	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
CHEM 8B Organic Chem-Brief OR	(4)	AND NO COURSE ARTICULATED: College has not submitted course(s)for articulation OR
CHEM 118A Org Chem, Hlth & Sci	(4)	CHEM 28A & Organic Chemistry I (3) CHEM 29A Organic Chemistry (2) Laboratory I
AND CHEM 118B Org Chem, Hlth & Sci	(4)	CHEM 28A & Organic Chemistry I (3) CHEM 29A & Organic Chemistry (2) Laboratory I
O.D.		CHEM 28B & Organic Chemistry II (3) CHEM 29B Organic Chemistry (2) Laboratory II
OR CHEM 128A Organic Chemistry AND	(3)	OR CHEM 28A Organic Chemistry I (3) AND
CHEM 128B Organic Chemistry	(3)	CHEM 28A & Organic Chemistry I (3) CHEM 28B Organic Chemistry II (3)
AND CHEM 129A Organic Chem Lab	(2)	AND CHEM 29A Organic Chemistry (2) Laboratory I
PHYSICS 7A General Physics	(4)	PHYS 2A & General Physics I (4) PHYS 2B General Physics II (4)
PHYSICS 7B General Physics		PHYS 2BGeneral Physics II(4)PHYS 2A & General Physics I(4)PHYS 2BGeneral Physics II(4)
PHYSICS 7C General Physics		
	ralen who onal IC Da	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
	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
STATIST 13 Elementary Statistics Same as: STATIST 13Y	(4)	MATH 11 Elementary Statistics (4) OR
NUTR 10 Discoveries and Concepts		FN 40 Nutrition (3)
		URSUE GRADUATE OR PROFESSIONAL STUDIES: CHEM 28B & Organic Chemistry II (3) CHEM 29B Organic Chemistry (2) Laboratory II

	OR				OR	
CHEM 128C	Organic Chemistry	(3)	CHEM	28B	Organic Chemistry II	(3)
	AND				AND	
CHEM 129B	Organic Chem Lab	(2)	CHEM	29A	$\underline{\&}$ Organic Chemistry	(2)
					Laboratory I	
			CHEM	29В	Organic Chemistry	(2)
					Laboratory II	
	AND				AND	
CHEM 129C	Organic Chem Lab	(2)	CHEM	29B	Organic Chemistry	(2)
					Laboratory II	

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

FRENCH	1	Elementary French	(5)	FRENCH	1		Beginning French	(4)
FRENCH	2	Elementary French	(5)	FRENCH	1	&	Beginning French	(4)
				FRENCH	2		High-Beginning French	(4)
FRENCH	3	Elementary French	(5)	FRENCH	2		High-Beginning French	(4)
FRENCH	21	Intermed French	(5)	FRENCH	3		Intermediate French	(4)
FRENCH	22	Intermed French	(5)	FRENCH	3	&	Intermediate French	(4)
				FRENCH	4		High-Intermediate	(4)
				j			French	
FRENCH	23	Intermed French	(5)	FRENCH	4		High-Intermediate	(4)
				j			French	
				!				

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.

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

	com our TAG website.		and are are
WOM STD 50	Intro Gender Studies	(4)	NO COMPARABLE COURSE
WOM STD 60	Feminist Critiques	(4)	NO COMPARABLE COURSE
WOM STD 70	Sexual:Thry&Hist	(4)	NO COMPARABLE COURSE
	TWO COURSES FI	ROM '	THE FOLLOWING:
AF-AMST 10		(4)	NO COMPARABLE COURSE
AF-AMST 17	Women in Africa	(4)	NO COMPARABLE COURSE
AMR STD 21	Objects & Everyday Life	(4)	NO COURSE ARTICULATED: College has not
AMR STD 30	Amr Images Pop Cult	(1)	submitted course(s) for articulation
			!
ANTHRO 20	Comparative Cultures		ANTHRO 2 Cultural Anthropology (3)
ANTHRO 20 ANTHRO 30	Sexualities		NO COURSE ARTICULATED: College has not
ANTIRO 30	Sexualities	(4)	submitted course(s) for articulation
A A STD 1	Hist Exp Asian Am	(4)	
A A STD 2	Contemp Issues of Asian		!
A A DID Z	Americans	(1)	COMPARABLE COOKSE
CHICANO 10	Intro to Chic Std	(4)	NO COMPARABLE COURSE
CHICANO 21	Hlth Care Issues	(4)	NO COMPARABLE COURSE
CHICANO 50	Chicano Culture	(4)	NO COMPARABLE COURSE
COMPLIT 12	Intro Women Writers	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
DRAMART 1	Theatre, Performance and	(4)	NO COMPARABLE COURSE
ENGLISH 3	Culture Intro to Lit	(4)	ENGL 1B Introduction to the (3)
			Study of Literature
			OR
			ENGL 1BH Honors Introduction to (3)
			the Study of
			Literature
HISTORY 72A			NO COMPARABLE COURSE
HISTORY 72B	Am Women & Gender		NO COMPARABLE COURSE
HISTORY 85	Nat,Man&Mach/Amer		NO COMPARABLE COURSE
N A STD 10	NA Experience NA Music & Dance		NO COMPARABLE COURSE
N A STD 32 POL SCI 7			NO COMPARABLE COURSE NO COMPARABLE COURSE
		, ,	
PSYCH 1 C	General Psychology	(4)	PSY 2 General Psychology (3) OR
			PSY 2H Honors General (3)
			Psychology
SCI&TEC 1	Intro Sci & Tech Std	(4)	NO COMPARABLE COURSE
SCI&TEC 2	Intro History of Science	(4)	
SCI&TEC 20	Sci & Tec Std Methods	(4)	NO COMPARABLE COURSE
SCI&TEC 32	Drugs, Science and	(4)	NO COURSE ARTICULATED: College has not
G	Culture		submitted course(s) for articulation
	ANTHRO 32	(1 \	NO COMPADADI E COURCE
SOCIOL 2	Self and Society	. ,	NO COMPARABLE COURSE
SOCIOL 3 SOCIOL 11	Social Problems Sociology of Labor and		NO COMPARABLE COURSE NO COURSE ARTICULATED: College has not
POCTOT II	Employment	(1)	submitted course(s) for articulation

SOCIOL 30A Multicultural Societies (3) NO COURSE ARTICULATED: College has not submitted course(s) for articulation SOCIOL 30B Multicultural Societies (3) NO COURSE ARTICULATED: College has not submitted course(s) for articulation TEX&CL 7 Style & Cult Std (4) NO COMPARABLE COURSE UWRITING 49 Writing Research Papers (4) NO COMPARABLE COURSE Formerly UWRITING 19

WOM STD 20 Cult Repr of Gndr (4) NO COMPARABLE COURSE

END OF MAJOR

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

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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)	BIOL 11A Biology for Science (5) Majors I
BIOLS	CI 2B	Intro Biology: Ecology & Evolution	(5)	_
				BIOL 11B Biology for Science (5) Majors II
BIOLS	CI 2C	Intro Biology: Biodiversity & the Tree of Life		BIOL 11B Biology for Science (5) Majors II
CHEM :		Genl Chemistry		CHEM 1A General Chemistry (5)
CHEM :	2B	Genl Chemistry	(5)	CHEM 1A <u>&</u> General Chemistry (5) CHEM 1B General Chemistry and (5) Qualitative Analysis
CHEM :	2C	Genl Chemistry	(5)	CHEM 1B General Chemistry and (5) Qualitative Analysis
		OR		Qualitative Analysis OR
CHEM :	2AH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE
CHEM :		Honors Genl Chemistry	. ,	NO COMPARABLE COURSE
CHEM :	2CH 	Honors Genl Chemistry	(5) 	NO COMPARABLE COURSE
CHEM 8	8A	Organic Chem-Brief	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHEM 8	8B	Organic Chem-Brief	(4)	NO COURSE ARTICULATED: College has not
		O.D.		submitted course(s)for articulation
CHEM :	118A	OR Org Chem, Hlth & Sci	(4)	OR CHEM 28A & Organic Chemistry I (3)
011211		019 0110111, 112011 4 201	(-)	CHEM 29A Organic Chemistry (2) Laboratory I
CHEM :	118B	Org Chem, Hlth & Sci	(4)	CHEM 28A & Organic Chemistry I (3)
				CHEM 29A <u>&</u> Organic Chemistry (2) Laboratory I
				μαροταιοτή τ

			CHEM 28B & Organic Chemistry II (3) CHEM 29B Organic Chemistry (2) Laboratory II
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 28B & Organic Chemistry II (3)
			CHEM 29B Organic Chemistry (2)
			Laboratory II
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
	OR		OR
MATH 21A	Calculus	. ,	MATH 5A Math Analysis I (5)
MATH 21B	Calculus	(4)	MATH 5B Math Analysis II (4)
PHYSICS 7A	General Physics	(4)	PHYS 2A & General Physics I (4)
	-	, ,	PHYS 2B General Physics II (4)
PHYSICS 7B	General Physics	(4)	PHYS 2A & General Physics I (4)
			PHYS 2B General Physics II (4)
PHYSICS 7C	General Physics	(4)	PHYS 2A $\underline{\&}$ General Physics I (4)
			PHYS 2B General Physics II (4)

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

RECOMMENDED:

MATH 21C Calculus (4) | MATH 6 Math Analysis 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 $\frac{\text{highly recommended}}{\text{Preparing well for the major helps}}$ 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 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

available from our TAG website. ______ GEOLOGY 3 History of Life (3) NO COURSE ARTICULATED: College has not submitted course(s) for articulation

GEOLOGY 3L History of Life Lab (1) NO COURSE ARTICULATED: College has not submitted course(s) for articulation

f) GEOLOGY 50 Physical Geology (3) GEOL 1 Physical Geology (4)

f) GEOLOGY 50L Physical Geol Lab (2) GEOL 1 Physical Geology (4)

GEOLOGY 50 Physical Geology (4)

GEOLOGY 50 Physical Geology (4) GEOLOGY 60 Earth Materials:Intro (4) NO COMPARABLE COURSE ______ MATH 16A Short Calculus (3) | MATH 5A Math Analysis I (5) MATH 16B Short Calculus (3) | MATH 5B Math Analysis II (4) OR MATH 21A Calculus MATH 21B Calculus ______ CHEM 2A Genl Chemistry (5) CHEM 1A General Chemistry (5) CHEM 2B Genl Chemistry (5) CHEM 1B General Chemistry (5) General Chemistry and (5) Qualitative Analysis _____ PHYSICS 7A General Physics (4) PHYS 2A $\underline{\&}$ General Physics I (4) PHYS 2B General Physics II (4) PHYSICS 7B General Physics (4) PHYS 2A & General Physics I

PHYS 2B General Physics I

It is highly recommended that students complete an entire physics series at (4)their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics. ______ STATIST 13 Elementary Statistics (4) | MATH 11 Elementary Statistics (4) Same as: STATIST 13Y OR

STATIST 32 Gateway to Data Science (4) NO COMPARABLE COURSE

| OR | |STAT 7 Elementary Statistics (4) f) If a student takes GEOL 1 at Clovis Community College, credit will be given for UC Davis's GEOLOGY 1 or 50+50L, not both.

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

Special Advising Note:

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

GEOLOGY 3 History of Life (3) NO COURSE ARTICULATED: College has not | submitted course(s)for articulation GEOLOGY 3L History of Life Lab (1) NO COURSE ARTICULATED: College has not |submitted course(s)for articulation f) GEOLOGY 50 Physical Geology (3) GEOL 1 Physical Geology f) GEOLOGY 50L Physical Geol Lab (2) GEOL 1 Physical Geology (4) (4)GEOLOGY 60 Earth Materials:Intro (4) NO COMPARABLE COURSE GEOLOGY 62 Optical Mineralogy (2) NO COMPARABLE COURSE ______ MATH 21A Calculus (4) MATH 5A Math Analysis I MATH 21B Calculus (4) MATH 5B Math Analysis II MATH 21C Calculus (4) MATH 6 Math Analysis III ______

CHEM 2A	Genl Chemistry	(5) CHEM 1A	General Chemistry General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5) CHEM 1A &		(5)
	-	CHEM 1B	General Chemistry and Qualitative Analysis	(5)

SELECT ONE OF THE FOLLOWING THREE OPTIONS:

GENERAL GEOLOGY OPTION:

CHEM 2C	Genl Chemistry	(5)	CHEM	1B	General Chemistry and	(5)
			ĺ		Qualitative Analysis	
STATIST 32	Gateway to Data Science	(4)	NO CO	OMPARA	ABLE COURSE	
PHYSICS 7A	General Physics	(4)	PHYS	2A &	General Physics I	(4)
			PHYS	2B	General Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYS	2A &	General Physics I	(4)
			PHYS	2B _	General Physics II	(4)
PHYSICS 7C	General Physics	(4)	PHYS	2A &	General Physics I	(4)
			PHYS	2B _	General Physics II	(4)

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

1 1	OR						OR	
c) PHYSICS 9A	Classical	Physics	(5)	PHYS	4A	<u>&</u>	Physics for Scientists and Engineers	(4)
				PHYS	4B	<u>&</u>	Physics for Scientists and Engineers	(4)
				PHYS	4C		Physics for Scientists and Engineers	(4)
c) PHYSICS 9B	Classical	Physics	(5)	PHYS	4A	<u>&</u>	Physics for Scientists and Engineers	(4)
				PHYS	4B	<u>&</u>	Physics for Scientists and Engineers	(4)
				PHYS	4C		Physics for Scientists and Engineers	(4)
c) PHYSICS 9C	Classical	Physics	(5)	PHYS	4A	<u>&</u>	Physics for Scientists and Engineers	(4)
				PHYS	4B	<u>&</u>	Physics for Scientists and Engineers	(4)
				PHYS	4C		Physics for Scientists and Engineers	(4)

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

GEOCHEMISTRY/PETROLOGY OPTION:

CHEM 2C Gen	l Chemistry	(5)	CHEM	1B	General Chemistry and	(5)
					Qualitative Analysis	
STATIST 32 Ga	teway to Data Science	(4)	NO CO	MPA	RABLE COURSE	
MATH 21D Ve	ctor Analysis	(4)	MATH	6	Math Analysis III	(5)
c) PHYSICS 9A	Classical Physics	(5)	PHYS	4A	Le Physics for Scientists	(4)
				•	and Engineers	
			PHYS	4B	Le Physics for Scientists	(4)
			ĺ	•	and Engineers	
			PHYS	4C	Physics for Scientists	(4)
			İ		and Engineers	
c) PHYSICS 9B	Classical Physics	(5)	PHYS	4A	Physics for Scientists	(4)
			İ		and Engineers	
			PHYS	4B	& Physics for Scientists	(4)
			•			

	and Engineers	
PHYS 4C	Physics for Scientists	(4)
	and Engineers	
	 PHYS 4C 	PHYS 4C Physics for Scientists

QUANTITATIVE/GEOPHYSICS OPTION:

MATH 21D		r Analysi		. ,	MATH			Math Analysis III	(5)
MATH 22A	Linea	r Algebra		(3)	MATH 	17		Differential Equations and Linear Algebra	(5)
c) PHYSICS	9A	Classical	Physics	(5)	PHYS	4A	<u>&</u>	_	(4)
					 PHYS 	4B	<u>&</u>	3	(4)
					PHYS	4C		_	(4)
c) PHYSICS	9В	Classical	Physics	(5)	PHYS	4A	<u>&</u>	3	(4)
					PHYS	4B	<u>&</u>	3	(4)
					PHYS	4C		3	(4)
c) PHYSICS	9C	Classical	Physics	(5)	PHYS	4A	<u>&</u>		(4)
					PHYS	4B	<u>&</u>	_	(4)
					PHYS	4C		_	(4)

END OF MAJOR

- f) If a student takes GEOL 1 at Clovis Community College, credit will be given for UC Davis's GEOLOGY 1 or 50+50L, not both.
- c) This articulation is "series for series" only.

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

...........

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

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

additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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 1 Beginning German	(4)
GERMAN 2	Elementary German	(5) GERMAN 2 High-Beginning German	(4)
GERMAN 3	Elementary German	(5) GERMAN 3 Intermediate German	(4)
GERMAN 20	Intermediate German	(4) GERMAN 4 High-Intermediate	(4)
		German	
GERMAN 21	Intermediate German	(4) NO COMPARABLE COURSE	
GERMAN 22	Intermediate German	(4) NO COMPARABLE COURSE	

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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.

							_
GDISBIO 9	90	Intro Global Disease Bio	(1)			ARTICULATED: College has no course(s)for articulation	t
SCI&SOC	13	Disease and Society	(3)			ARTICULATED:College has not course(s)for articulation	
BIOLSCI 2	2A	Intro Biology:Life on Earth	(5)	BIOL	11A	Biology for Science (5 Majors I)
BIOLSCI 2	2В	<pre>Intro Biology: Ecology & Evolution</pre>	(5)	BIOL	11A	<u>&</u> Biology for Science (5 Majors I)
				BIOL	11B	Biology for Science (5)

BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life		Majors II BIOL 11B Biology for Science (5) Majors II
CHEM 2A CHEM 2B	-		CHEM 1A General Chemistry (5) CHEM 1A & General Chemistry (5) CHEM 1B General Chemistry and (5) Qualitative Analysis
CHEM 2C	Genl Chemistry	(5)	CHEM 1B General Chemistry and (5) Qualitative Analysis
CHEM 8A	Organic Chem-Brief	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
CHEM 8B	Organic Chem-Brief OR	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation OR
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 28A & Organic Chemistry I (3) CHEM 29A Organic Chemistry (2) Laboratory I
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 28A & Organic Chemistry I (3) CHEM 29A & Organic Chemistry (2) Laboratory I
			CHEM 28B & Organic Chemistry II (3) CHEM 29B Organic Chemistry (2) Laboratory II
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PHYSICS 7A	General Physics	(4)	PHYS 2A & General Physics I (4) PHYS 2B General Physics II (4)
PHYSICS 7B	General Physics	(4)	PHYS 2A & General Physics I (4) PHYS 2B General Physics I (4) PHYS 2B General Physics II (4)
It is high	ly recommended that student	5 CO	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.

PREPARATION FOR GRADUATION:

STATIST 13 Elementary Statistics (4) MATH 11 Elementary Statistics (4) Same as: STATIST 13Y OR STAT 7 Elementary Statistics (4)

END OF MAJOR

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

Special Advising Note:

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

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

A.AFRICA

	-	Africa to 1900 Africa Today	!	NO COURSE ARTICULATED NO COURSE ARTICULATED	
			B. ASIA		
HISTORY HISTORY HISTORY	9A	Indian Civilization East Asian Civ East Asian Civ	(4)	NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE	
			C. EUROPE	 ₹	
HISTORY HISTORY		Western Civ Western Civ	!	NO COMPARABLE COURSE HIST 1 & Western Civilization	to (3)

HIST 2

Western Civilization (3)

HISTORY 7A Latin America to 1700 (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation Submitted course(s) for articulation Submitted course(s) for articulation Submitted course(s) for articulation Submitted course(s) for articulation Submitted course(s) for articulation Submitted course(s) for articulation Submitted course(s) for articulation Submitted course(s) for articulation Submitted course(s) for articulation Submitted course(s) for articulation Submitted course(s) for articulation Submitted course(s) for articulation Submitted course(s) for articulation Submitted course(s) for articulation States to 1877 HISTORY 17A U.S. History (4) HIST 11 History of the United (3) States to 1877 HISTORY 17B U.S. History (4) HIST 12 History of the United (3) States since 1865 OR HISTORY 17B HISTORY 18A Race in America to 1865 (4) NO COURSE ARTICULATED States Since 1865 HISTORY 18A Race in America to 1865 (4) NO COURSE ARTICULATED COURSE HISTORY 72B Am Women & Gender (4) NO COMPARABLE COURSE HISTORY 72B Am Women & Gender (4) NO COMPARABLE COURSE SUBMITTED COLLEGE has not submitted course(s) for articulation Submitted course(s) for articulation Submitted Course (s) for articulation Submitted Course (s) for articulation HISTORY 1 Introduction to History (1) NO COURSE ARTICULATED: College has not submitted course(s) for articulation HISTORY 10 World History 11 (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation HISTORY 10 World History 11 (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation HISTORY 12 Food and History 11 (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation HISTORY 12 Food and History 11 (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation Submitted course(s) for articulation Submitted course(s) for articulation Submitted course(s) for articulation Submitted course(s) for articulation Submitted c	HISTORY	4C	Western Civ	(4)	HIST 2	from 1648 Western Civilization (3) from 1648
HISTORY 7B Latin America 1700-1900 (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation HISTORY 7C Latin America (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation submitted course(s) for articulation submitted course(s) for articulation F. MIDDLE EAST HISTORY 6 Intro to Middle East (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation F. UNITED STATES HISTORY 17A U.S. History (4) HIST 11 History of the United (3) States to 1877 HISTORY 17B U.S. History (4) HIST 12 History of the United (3) States since 1865 OR HIST 12H Honors History of the (3) United States Since 1865 HISTORY 18A Race in America to 1865 (4) NO COURSE ARTICULATED HISTORY 72B Am Women & Gender (4) NO COMPARABLE COURSE HISTORY 72B Am Women & Gender (4) NO COMPARABLE COURSE HISTORY 80 US in the Middle East (2) NO COURSE ARTICULATED: College has not submitted course(s) for articulation HISTORY 8 NAL, Man&Mach/Amer (4) NO COMPARABLE COURSE HISTORY 1 Introduction to History G. WORLD HISTORY 10A World History of Science HISTORY 10B World History of Science HISTORY 10B World History of Science HISTORY 10B World History of Science HISTORY 10B World History of Science HISTORY 10B World History of Science HISTORY 10B World History of Science HISTORY 10B World History of Science HISTORY 10C World History of Science HISTORY 10C World History of Science HISTORY 10C World History of Science HISTORY 10C World History of Science HISTORY 10C World History of Science of Scienc			D. LATI	N AM	ERICA	
HISTORY 7B Latin America 1700-1900 (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation E. MIDDLE EAST HISTORY 6 Intro to Middle East (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation F. UNITED STATES HISTORY 17A U.S. History (4) HIST 11 History of the United (3) States to 1877 HISTORY 17B U.S. History (4) HIST 12 History of the United (3) States since 1865 OR HIST 12H Honors History of the (3) United States Since 1865 HISTORY 18A Race in America to 1865 (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation F. UNITED STATES HISTORY 17B U.S. History (4) HIST 12 History of the United (3) States ince 1865 OR HIST 12H Honors History of the (3) United States Since 1865 HISTORY 18A Race in America to 1865 (4) NO COURSE ARTICULATED COURSE HISTORY 72A Am Women & Gender (4) NO COMPARABLE COURSE HISTORY 72B Am Women & Gender (4) NO COMPARABLE COURSE ARTICULATED: College has not submitted course(s) for articulation submitted course(s) for articulation (4) NO COMPARABLE COURSE HISTORY 85 Nat, Man&Mach/Amer (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation HISTORY 10B World History (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation HISTORY 10B World History (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation HISTORY 10C World History (1) NO COURSE ARTICULATED: College has not submitted course(s) for articulation HISTORY 11 Hist Jewish People (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation HISTORY 12 Food and History (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation HISTORY 13 Global Sexualities (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation HISTORY 13 Global Sexualities (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation HISTORY 13 Global Sexuali	HISTORY	7A	Latin America to 1700	(4)		
HISTORY 7C Latin America 1900-Present	HISTORY	7в	Latin America 1700-1900	(4)	NO COURSE	ARTICULATED: College has not
HISTORY 6 Intro to Middle East F. UNITED STATES HISTORY 17A U.S. History HISTORY 17B U.S. History HISTORY 17B U.S. History HISTORY 18A Race in America to 1865 HISTORY 72A Am Women & Gender HISTORY 72B Am Women & Gender HISTORY 78 US in the Middle East US in the Middle East HISTORY 85 Nat, Man&Mach/Amer HISTORY 8 Nat, Man&Mach/Amer HISTORY 1 Introduction to History Cities: Survey of World HISTORY 1 Cultures HISTORY 10A World History HISTORY 10B World History HISTORY 10B World History HISTORY 10C World History HISTORY 10C World History HISTORY 10C World History HISTORY 10C World History HISTORY 10C World History HISTORY 10 World History HISTORY 10C Wor	HISTORY	7C			NO COURSE	ARTICULATED: College has not
### Submitted course(s) for articulation F. UNITED STATES			E. MIDD	LE E	AST	
HISTORY 17A U.S. History (4) HIST 11 History of the United (3) States to 1877 HISTORY 17B U.S. History (4) HIST 12 History of the United (3) States since 1865 OR HIST 12H Honors History of the (3) United States Since 1865 HISTORY 72A Am Women & Gender (4) NO COURSE ARTICULATED HISTORY 72B Am Women & Gender (2) NO COURSE ARTICULATED: College has not submitted course(s) for articulation HISTORY 85 Nat, Man&Mach/Amer (4) NO COMPARABLE COURSE HISTORY 8 Nat, Man&Mach/Amer (4) NO COMPARABLE COURSE G. WORLD HISTORY 1 Introduction to History G. WORLD HISTORY 2 Intro History of Science HISTORY 3 Cities: Survey of World Cultures HISTORY 10A World History to 1350 HISTORY 10B World History 10B World History 11STORY 10B World History 11STORY 10B World History 11STORY 11 Hist Jewish People HISTORY 12 Food and History 11 Food and History 12 Food and History 13 Global Sexualities (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation HISTORY 12 Food and History HISTORY 13 Global Sexualities (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation HISTORY 13 Global Sexualities (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation HISTORY 13 Global Sexualities (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation HISTORY 13 Global Sexualities (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation HISTORY 13 Global Sexualities (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation	HISTORY	6	Intro to Middle East			
HISTORY 17B U.S. History (4) HIST 12 History of the United (3) States since 1865 OR HIST 12H Honors History of the (3) United States Since 1865 HISTORY 18A Race in America to 1865 HISTORY 72A Am Women & Gender (4) NO COURSE ARTICULATED HISTORY 72B Am Women & Gender (4) NO COMPARABLE COURSE HISTORY 80 US in the Middle East (2) NO COMPARABLE COURSE HISTORY 85 Nat, Man&Mach/Amer (4) NO COMPARABLE COURSE HISTORY 85 Nat, Man&Mach/Amer (4) NO COMPARABLE COURSE HISTORY 1 Introduction to History (2) NO COURSE ARTICULATED: College has not submitted course(s) for articulation HISTORY 2 Intro History of Science (4) NO COURSE ARTICULATED HISTORY 3 Cities: Survey of World Cultures HISTORY 10A World History to 1350 HISTORY 10B World History (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation HISTORY 10C World History (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation HISTORY 10 World History (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation HISTORY 10 World History III (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation HISTORY 12 Food and History (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation HISTORY 13 Global Sexualities (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation HISTORY 13 Global Sexualities (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation HISTORY 13 Global Sexualities (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation HISTORY 13 Global Sexualities (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation			F. UNI	TED	STATES	
HISTORY 17B U.S. History (4) HIST 12 History of the United (3) States since 1865 OR HIST 12H Honors History of the (3) United States Since 1865 (4) NO COURSE ARTICULATED HISTORY 72A Am Women & Gender HISTORY 72B Am Women & Gender HISTORY 80 US in the Middle East HISTORY 85 Nat, Man&Mach/Amer (4) NO COMPARABLE COURSE HISTORY 85 Nat, Man&Mach/Amer (4) NO COMPARABLE COURSE (2) NO COURSE ARTICULATED: College has not submitted course(s) for articulation HISTORY 1 Introduction to History G. WORLD HISTORY 1 Introduction to History G. WORLD HISTORY 10A World History to 1350 HISTORY 10B World History 10C World History HISTORY 10C World History HISTORY 11 Hist Jewish People HISTORY 12 Food and History HISTORY 13 Global Sexualities (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation HISTORY 10C World History HISTO	HISTORY	17A	U.S. History	(4)	HIST 11	
OR HIST 12H Honors History of the (3) United States Since 1865	HISTORY	17B	U.S. History	(4)	HIST 12	History of the United (3)
HISTORY 18A Race in America to 1865 (4) NO COURSE ARTICULATED HISTORY 72A Am Women & Gender (4) NO COMPARABLE COURSE HISTORY 72B Am Women & Gender (4) NO COMPARABLE COURSE HISTORY 80 US in the Middle East (2) NO COURSE ARTICULATED: College has not submitted course(s) for articulation HISTORY 85 Nat, Man&Mach/Amer (4) NO COMPARABLE COURSE HISTORY 1 Introduction to History (2) NO COURSE ARTICULATED: College has not submitted course(s) for articulation HISTORY 2 Intro History of Science (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation HISTORY 3 Cities: Survey of World (4) NO COURSE ARTICULATED Cultures HISTORY 10A World History to 1350 (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation HISTORY 10B World History (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation HISTORY 11 Hist Jewish People (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation HISTORY 12 Food and History (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation HISTORY 13 Global Sexualities (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation HISTORY 13 Global Sexualities						Honors History of the (3) United States Since
HISTORY 72B Am Women & Gender HISTORY 80 US in the Middle East (2) NO COURSE ARTICULATED: College has not submitted course(s) for articulation HISTORY 85 Nat, Man&Mach/Amer (4) NO COMPARABLE COURSE G. WORLD HISTORY 1 Introduction to History G. WORLD HISTORY 2 Intro History of Science HISTORY 3 Cities: Survey of World Cultures HISTORY 10A World History to 1350 HISTORY 10B World History 1350-1850 HISTORY 10C World History III HISTORY 11 Hist Jewish People HISTORY 12 Food and History HISTORY 12 Food and History HISTORY 13 Global Sexualities (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (5) WORLD (6) WORLD (7) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (6) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (6) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (7) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (8) NO COURSE ARTICULATED: College has not submitted course(s) for articulation	HISTORY	18A	Race in America to 1865	(4)	NO COURSE	
HISTORY 80 US in the Middle East (2) NO COURSE ARTICULATED: College has not submitted course(s) for articulation HISTORY 85 Nat, Man&Mach/Amer (4) NO COMPARABLE COURSE G. WORLD HISTORY 1 Introduction to History (2) NO COURSE ARTICULATED: College has not submitted course(s) for articulation HISTORY 2 Intro History of Science (4) NO COURSE ARTICULATED HISTORY 3 Cities: Survey of World Cultures HISTORY 10A World History to 1350 (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation HISTORY 10B World History (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation HISTORY 10C World History III (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation HISTORY 11 Hist Jewish People (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation HISTORY 12 Food and History (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation HISTORY 13 Global Sexualities (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation HISTORY 13 Global Sexualities (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation					!	
Submitted course(s) for articulation						
HISTORY 1 Introduction to History (2) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (4) NO COURSE ARTICULATED HISTORY 10A World History to 1350 (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (4) NO COURSE ARTICULATED: Coll					submitted	course(s)for articulation
HISTORY 1 Introduction to History (2) NO COURSE ARTICULATED: College has not submitted course(s) for articulation HISTORY 2 Intro History of Science (4) NO COURSE ARTICULATED HISTORY 3 Cities: Survey of World (4) NO COMPARABLE COURSE Cultures HISTORY 10A World History to 1350 (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation HISTORY 10B World History (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation HISTORY 10C World History III (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation HISTORY 11 Hist Jewish People (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation HISTORY 12 Food and History (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation HISTORY 13 Global Sexualities (4) NO COURSE ARTICULATED	HISTORY	85 	Nat,Man&Mach/Amer	(4)	NO COMPARA	ABLE COURSE
HISTORY 2 Intro History of Science HISTORY 3 Cities: Survey of World Cultures HISTORY 10A World History to 1350 HISTORY 10B World History HISTORY 10C World History III HISTORY 11 Hist Jewish People HISTORY 12 Food and History HISTORY 13 Global Sexualities Submitted course(s) for articulation (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation			G.	WOR	LD	
HISTORY 2 Intro History of Science HISTORY 3 Cities: Survey of World Cultures HISTORY 10A World History to 1350 HISTORY 10B World History 1350-1850 HISTORY 10C World History III HISTORY 11 Hist Jewish People HISTORY 12 Food and History HISTORY 13 Global Sexualities (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (4) NO COURSE ARTICULATED: College has not submited course(s) for articulation (4) NO COURSE ARTICULATED: College has not submited course(s) for articulation (4) NO COURSE ARTICULATED: College has not submited course(s) for articulation	HISTORY	1	Introduction to History	(2)	!	_
Cultures HISTORY 10A World History to 1350 (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation HISTORY 10B World History (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation HISTORY 10C World History III (4) NO COMPARABLE COURSE HISTORY 11 Hist Jewish People (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation HISTORY 12 Food and History (4) NO COURSE ARTICULATED: College has not submited course(s) for articulation HISTORY 13 Global Sexualities (4) NO COURSE ARTICULATED	HISTORY	2 I	ntro History of Science	(4)	!	
Submitted course(s) for articulation	HISTORY	3		(4)	NO COMPARA	ABLE COURSE
HISTORY 10B World History 1350-1850 HISTORY 10C World History III HISTORY 11 Hist Jewish People HISTORY 12 Food and History HISTORY 13 Global Sexualities (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (4) NO COURSE ARTICULATED: College has not submited course(s) for articulation (4) NO COURSE ARTICULATED: College has not submited course(s) for articulation	HISTORY	10A	World History to 1350	(4)	1	_
HISTORY 10C World History III (4) NO COMPARABLE COURSE HISTORY 11 Hist Jewish People (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation HISTORY 12 Food and History (4) NO COURSE ARTICULATED: College has not submited course(s) for articulation HISTORY 13 Global Sexualities (4) NO COURSE ARTICULATED	HISTORY	10B		(4)	NO COURSE	ARTICULATED: College has not
HISTORY 11 Hist Jewish People (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation HISTORY 12 Food and History (4) NO COURSE ARTICULATED: College has not submited course(s) for articulation HISTORY 13 Global Sexualities (4) NO COURSE ARTICULATED	HISTORY	10C		(4)	!	
HISTORY 12 Food and History (4) NO COURSE ARTICULATED: College has not submited course(s) for articulation HISTORY 13 Global Sexualities (4) NO COURSE ARTICULATED					NO COURSE	ARTICULATED: College has not
HISTORY 13 Global Sexualities (4) NO COURSE ARTICULATED	HISTORY	12	Food and History	(4)	NO COURSE	ARTICULATED: College has not
` '	HISTORY	13	Global Sexualities	(4)	:	
HISTORY 14 Hist Global Capitalism (4) NO COURSE ARTICULATED			Hist Global Capitalism		•	
HISTORY 20 The Vietnam War (4) NO COURSE ARTICULATED	HISTORY			(4)	NO COURSE	ARTICULATED
HISTORY 90 Research in History (4) NO COURSE ARTICULATED	HISTORY	90	Research in History	(4)	NO COURSE	ARTICULATED

END OF MAJOR

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

Special Advising Note:

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

reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis 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 $\underline{\tt General\ Catalog}$. Quick reference charts for $\underline{\tt AP}$ and $\underline{\tt IB}$ are also available from our TAG website.

Select two of	the	following	courses:
---------------	-----	-----------	----------

	select two of the	e IO.	llowing co	urses:	
ANTHRO 1	Human Evol Biol	(4)	ANTHRO 1	Biological Anthropology	(3)
ANTHRO 15	Cultural Anthropology Human Life Cycle	(5)	NO COMPARA	Cultural Anthropology	(3)
	Select one				
BIOLSCI 2A	Intro Biology:Life on Earth OR	(5)	BIOL 11A 	Biology for Science Majors I OR	(5)
BIOLSCI 10	Everyday Biology OR	(4)	BIOL 3	Introduction to Life Science OR	(4)
MIC BIO 10				ARTICULATED: College has course(s) for articulation	
NE PH B 12	Human Brain and Disease		submitted	ARTICULATED: College has course(s) for articulation	
	Intro Human Heredity		NO COMPARA	ABLE COURSE	
			urse from:		
HISTORY 17	U.S. History OR	(4)	HIST 11 	History of the United States to 1877 OR	(3)
HISTORY 17E	B U.S. History	(4)	HIST 12	History of the United States since 1865	(3)
				Honors History of the United States Since 1865	(3)
	OR			OR	
	Am Women & Gender OR	(4)	NO COMPARA 	ABLE COURSE OR	
HISTORY 72E	Am Women & Gender OR	(4)	NO COMPARA	ABLE COURSE OR	
POL SCI 1	Amer Natl Govt	(4)	POLSCI 2	American Government	(3)

Select two of the following courses:

PHILOS	5	Critical Reasoning	(4)	PHI	L 2	Critical Reasoning and	(3)
						Analytic Writing	
PHILOS	15	Intro to Bioethics	(4)	NO	COMPARA	ABLE COURSE	
PHILOS	30	Intro Philos of Sci	(4)	NO	COURSE	ARTICULATED: College has n	not
				sub	mitted	course(s) for articulation	n
PHILOS	31	Scientific Reason	(4)	NO	COMPARA	ABLE COURSE	
PHILOS	32	Scientific Change	(4)	NO	COMPARA	ABLE COURSE	

PHILOS 38	Intro Philos of Biol	(4)	!	ARTICULATED: College has course(s) for articulati	
NE PH B 10	Elem Human Physio		BIOL 22	Human Physiology	(5)
PSYCH 1	General Psychology			General Psychology	(3)
			PSY 2H	Honors General Psychology	(3)
	Select one of the				
PSYCH 41	Research Methods	(4)	PSY 45 	Introduction to Research Methods in Psychology	1 (3)
	OR			OR	
SOCIOL 46A	Intro Social Rsch AND	(4)	NO COMPARA 	ABLE COURSE AND	
SOCIOL 46B	Intro Social Rsch OR	(5)	NO COMPARA	ABLE COURSE OR	
STATIST 10	Statist Thinking OR	(4)	NO COMPARA	ABLE COURSE OR	
	Elementary Statistics STATIST 13Y	(4)	 MATH 11 OR	*=-	(4)
			! —	Elementary Statistics	(4)

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

BIOLSCI 2A		Intro Biology	y:Life on	(5)	 BIOL 	11A		Biology for Science Majors I	(5)
BIOLSCI 2B		Intro Biology & Evolution	y: Ecology	(5)	BIOL	11A	<u>&</u>	Biology for Science Majors I	(5)
					BIOL	11B		Biology for Science Majors II	(5)
CHEM 2A CHEM 2B		l Chemistry l Chemistry		. ,	CHEM CHEM	1A	<u>&</u>	General Chemistry General Chemistry General Chemistry and	(5) (5) (5)
CHEM 2C	Gen	l Chemistry		(5)	 CHEM			Qualitative Analysis General Chemistry and Qualitative Analysis	(5)
c) PHYSICS	9A	Classical	Physics	(5)	 PHYS 	4A	<u>&</u>	Physics for Scientists and Engineers	(4)
					PHYS	4B	<u>&</u>	Physics for Scientists and Engineers	(4)

					PHYS	4C		Physics for Scientists	(4)
\ DIII/GT.GG	0.0	G1 1	Dlanca dana	/ - \		4 7	_	and Engineers	(1)
c) PHYSICS	98	Classical	Physics	(5)	PHYS	4A	δc	-	(4)
					 PHYS	4 D	_	and Engineers Physics for Scientists	(4)
					PHIS	45	<u>«</u>	and Engineers	(4)
					 PHYS	1 C		Physics for Scientists	(4)
						10		and Engineers	(+)
c) PHYSICS	90	Classical	Physics	(5)	 PHYS	4 D	æ	3	(4)
0, 11115165	, ,	CIGDDICGI	11175105	(3)			=	and Engineers	(-)
					PHYS	4B	&	3	(4)
					İ		_	and Engineers	, ,
					PHYS	4C		Physics for Scientists	(4)
					j			and Engineers	
MATH 21A	Calcı			, ,	 MATH			4	(5)
MATH 21B	Calc	ılus		(4)	MATH	5В		Math Analysis II	(4)
MATH 21B MATH 21C	Calcı Calcı	ılus ılus		(4)	MATH MATH	5B 6		Math Analysis II Math Analysis III	(4)
MATH 21B MATH 21C MATH 21D	Calcu Calcu Vecto	ulus ulus or Analysis		(4) (4) (4)	MATH MATH MATH	5B 6 6		Math Analysis II Math Analysis III Math Analysis III	(4) (5) (5)
MATH 21B MATH 21C	Calcu Calcu Vecto	ılus ılus		(4) (4) (4)	MATH MATH	5B 6 6		Math Analysis II Math Analysis III Math Analysis III Differential Equations	(4)
MATH 21B MATH 21C MATH 21D MATH 22A	Calcu Calcu Vecto Linea	ulus ulus or Analysis ar Algebra		(4) (4) (4) (3)	MATH MATH MATH MATH	5B 6 6 17		Math Analysis II Math Analysis III Math Analysis III Differential Equations and Linear Algebra	(4) (5) (5) (5)
MATH 21B MATH 21C MATH 21D	Calcu Calcu Vecto Linea	ulus ulus or Analysis		(4) (4) (4) (3)	MATH MATH MATH	5B 6 6 17		Math Analysis II Math Analysis III Math Analysis III Differential Equations and Linear Algebra Differential Equations	(4) (5) (5)
MATH 21B MATH 21C MATH 21D MATH 22A	Calcu Calcu Vecto Linea	ulus ulus or Analysis ar Algebra		(4) (4) (4) (3)	MATH MATH MATH MATH	5B 6 6 17		Math Analysis II Math Analysis III Math Analysis III Differential Equations and Linear Algebra	(4) (5) (5) (5)
MATH 21B MATH 21C MATH 21D MATH 22A	Calcu Calcu Vecto Linea Diffe	ulus ulus or Analysis ar Algebra erntl Equat	cions	(4) (4) (4) (3)	MATH MATH MATH MATH MATH	5B 6 6 17		Math Analysis II Math Analysis III Math Analysis III Differential Equations and Linear Algebra Differential Equations and Linear Algebra	(4) (5) (5) (5)
MATH 21B MATH 21C MATH 21D MATH 22A MATH 22B	Calcu Calcu Vecto Linea Diffe	ulus ulus or Analysis ar Algebra	cions Geology	(4) (4) (4) (3) (3)	MATH MATH MATH MATH MATH 	5B 6 6 17 17		Math Analysis II Math Analysis III Math Analysis III Differential Equations and Linear Algebra Differential Equations	(4) (5) (5) (5) (5)
MATH 21B MATH 21C MATH 21D MATH 22A MATH 22B f) GEOLOGY f) GEOLOGY	Calcu Calcu Vecto Linea Diffe	alus alus or Analysis ar Algebra erntl Equat Physical (cions Geology Geol Lab	(4) (4) (4) (3) (3) (3)	MATH MATH MATH MATH MATH GEOL GEOL	5B 6 6 17 17		Math Analysis II Math Analysis III Math Analysis III Differential Equations and Linear Algebra Differential Equations and Linear Algebra Physical Geology	(4) (5) (5) (5) (5)

END OF MAJOR

- c) This articulation is "series for series" only.
- f) If a student takes GEOL 1 at Clovis Community College, credit will be given for UC Davis's GEOLOGY 1 or 50+50L, not both.

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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.

INT AG 10 Intro Intl Ag
Development (4) NO COMPARABLE COURSE

PL SCI 2 Bot Physio Cul Plt (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation

SOILSCI 10 Soils in Our
Environment (3) NO COURSE ARTICULATED: College has not submitted course(s) for articulation

ECON 1A	Princ of Microecon	(4)	ECON 1B 	Principles of Microeconomics	(3)
FCON 1B	AND Princ of Macroecon	(4)	 FCON 12	AND Principles of	(3)
LCON 1D		(1)		Macroeconomics	
	Elementary Statistics STATIST 13Y	(4)	OR		(4)
	OR		STAT 7 	Elementary Statistics OR	(4)
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPAR		
MATH 16A	Short Calculus	(3)	MATH 5A	Math Analysis I	(5)
CM&RGDE 1	The Community	(4)	NO COMPARA	ABLE COURSE	
	SIX QUARTER				
	Pop, Envr, World Agri	(4)	NO COMPAR	ABLE COURSE	
AGRESEC 15 AN SCI 41	Pop, Envr, World Agri	(4)	NO COMPARI	ABLE COURSE ARTICULATED: College has	
AN SCI 41	Pop,Envr,World Agri Domestic Ani Prod	(4)	NO COMPARI NO COURSE submitted	ABLE COURSE ARTICULATED: College has course(s)for articulatio	on
	Pop, Envr, World Agri	(4)	NO COMPARA NO COURSE submitted NO COURSE	ABLE COURSE ARTICULATED: College has course(s)for articulation ARTICULATED: College has	on s not
AN SCI 41L	Pop,Envr,World Agri Domestic Ani Prod Domest An Prod Lab	(4) (2)	NO COMPARA NO COURSE submitted NO COURSE submitted	ABLE COURSE ARTICULATED: College has course(s)for articulatic ARTICULATED: College has course(s)for articulatic	on s not on
AN SCI 41L	Pop,Envr,World Agri Domestic Ani Prod	(4) (2)	NO COMPAR NO COURSE submitted NO COURSE submitted NO COURSE	ABLE COURSE ARTICULATED: College has course(s)for articulation articulation articulation course(s)for articulation articu	on s not on s not
AN SCI 41L CM&RGDE 20	Pop,Envr,World Agri Domestic Ani Prod Domest An Prod Lab Food Systems	(4) (2) (2)	NO COMPAR NO COURSE submitted NO COURSE submitted NO COURSE submitted	ABLE COURSE ARTICULATED: College has course(s)for articulation articu	on s not on s not on
AN SCI 41L AN SCI 41L CM&RGDE 20 NUTR 10	Pop,Envr,World Agri Domestic Ani Prod Domest An Prod Lab Food Systems Discoveries and Concepts	(4) (2) (2) (4)	NO COMPAR NO COURSE submitted NO COURSE submitted NO COURSE submitted FN 40	ABLE COURSE ARTICULATED: College has course(s)for articulation ARTICULATED: College has course(s)for articulation ARTICULATED: College has course(s)for articulation	on s not on s not on (3)
AN SCI 41L AN SCI 41L CM&RGDE 20 NUTR 10	Pop,Envr,World Agri Domestic Ani Prod Domest An Prod Lab Food Systems	(4) (2) (2) (4)	NO COMPAR. NO COURSE submitted NO COURSE submitted NO COURSE submitted FN 40 NO COURSE	ABLE COURSE ARTICULATED: College has course(s) for articulation articulation articulation articulation articulation articulation articulation ARTICULATED: College has course(s) for articulation ARTICULATED: College has	on s not on s not on (3) s not
AN SCI 41L AN SCI 41L CM&RGDE 20 NUTR 10	Pop,Envr,World Agri Domestic Ani Prod Domest An Prod Lab Food Systems Discoveries and Concepts	(4)(2)(4)(3)(3)	NO COMPAR. NO COURSE submitted NO COURSE submitted NO COURSE submitted FN 40 NO COURSE submitted	ABLE COURSE ARTICULATED: College has course(s)for articulation ARTICULATED: College has course(s)for articulation ARTICULATED: College has course(s)for articulation	on s not on s not on (3) s not on
AN SCI 41L AN SCI 41L CM&RGDE 20 NUTR 10 PL SCI 1	Pop,Envr,World Agri Domestic Ani Prod Domest An Prod Lab Food Systems Discoveries and Concepts Agr Nature & Society	(4)(2)(4)(3)(3)	NO COMPAR. NO COURSE submitted NO COURSE submitted NO COURSE submitted FN 40 NO COURSE submitted NO COURSE	ABLE COURSE ARTICULATED: College has course(s) for articulation ARTICULATED: College has course(s) for articulation ARTICULATED: College has course(s) for articulation ARTICULATED: College has course(s) for articulation articulation articulation articulation	on s not on s not on (3) s not on s not on
AN SCI 41L AN SCI 41L CM&RGDE 20 NUTR 10 PL SCI 1	Pop,Envr,World Agri Domestic Ani Prod Domest An Prod Lab Food Systems Discoveries and Concepts Agr Nature & Society Intro Sustainable	 (4) (2) (4) (3) (3) (4) 	NO COMPAR. NO COURSE submitted NO COURSE submitted NO COURSE submitted FN 40 NO COURSE submitted NO COURSE submitted	ABLE COURSE ARTICULATED: College has course(s) for articulation artic	on s not on s not on (3) s not on s not on
AN SCI 41L AN SCI 41L CM&RGDE 20 NUTR 10 PL SCI 1 PL SCI 15	Pop,Envr,World Agri Domestic Ani Prod Domest An Prod Lab Food Systems Discoveries and Concepts Agr Nature & Society Intro Sustainable Agriculture	 (4) (2) (4) (3) (3) (4) 	NO COMPAR. NO COURSE submitted NO COURSE submitted NO COURSE submitted FN 40 NO COURSE submitted NO COURSE submitted NO COURSE	ABLE COURSE ARTICULATED: College has course(s) for articulation artic	on s not on (3) s not on s not on s not on s not on

FOREIGN LANGUAGE REQUIREMENT:

Students must complete 15-quarter-unit level in one language or pass the foreign language proficiency examination. See $\frac{\text{http://11c.ucdavis.edu/foreign-language-placement-exams}}{\text{exams}}.$

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

AREAS	AS OF SPECIALIZATION:					
AGRICULTU	URAL PRODUCTION OPTION:					
BIOLSCI 2A Intro Biology:Life of	on (5) BIOL 11A Biology for Science (5)					
Earth	Majors I					
BIOLSCI 2B Intro Biology: Ecolo	.ogy (5) BIOL 11A & Biology for Science (5)					
& Evolution	_ Majors I					
	BIOL 11B Biology for Science (5)					
	Majors II					
CHEM 2A Genl Chemistry	(5) CHEM 1A General Chemistry (5)					
CHEM 2B Genl Chemistry	(5) CHEM 1A & General Chemistry (5)					
	CHEM 1B General Chemistry and (5)					
	Qualitative Analysis					
TRADE AND ECONOMIC DEVELOPMENT OPTION:						
MATH 16B Short Calculus	(3) MATH 5B Math Analysis II (4)					
SOCIOL 1 Intro Sociology	(5) SOC 1A Introduction to (3)					
	Sociology					
OR	OR					
ANTHRO 2 Cultural Anthropology	(5) ANTHRO 2 Cultural Anthropology (3)					
AGRESEC 15 Pop, Envr, World Agri	(4) NO COMPARABLE COURSE					

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL	11A	Biology for Science Majors I	(5)	
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL	11A	<u>&</u> Biology for Science Majors I	(5)	
			BIOL	11B	Biology for Science Majors II	(5)	
ENV S&P 1	Env Analysis	(4)	NO CC	OMPAR	RABLE COURSE		
	RURAL COMMUNITIES OPTION:						
SOCIOL 1	Intro Sociology	(5)	SOC 1 	LA	Introduction to Sociology	(3)	
ANTHRO 2	Cultural Anthropology	(5)	ANTHF	RO 2	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 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

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

ANTHRO 2	Cultural Anthropology OR	(5)	ANTHRO 2	Cultural Anthropology OR	(3)
ECON 1A	Princ of Microecon	(4)	ECON 1B	Principles of Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 1A	Principles of Macroeconomics	(3)
HISTORY	4C Western Civ	(4)	HIST 2	Western Civilization from 1648	(3)
HISTORY	10C World History III	(4)	NO COMPARA	 -	
POL SCI	2 Intro Comp Politics	(4)	POLSCI 5	Comparative Government	(3)
POL SCI	3 Internatl Relations	(4)		International Relations	(3)
	12Y Data Visualization as: COMUNCN 12Y, PSYCH 12' SOCIOL 12Y				not
	OR			OR	
	13 Elementary Statistic as: STATIST 13Y	cs (4)	MATH 11 OR	Elementary Statistics	(4)
	OR		STAT 7	Elementary Statistics OR	(4)
SOCIOL 4	6B Intro Social Rsch	(5)	NO COMPARA	ABLE COURSE	
POL SCI	51 Scientific Study of Politics	(4)		ARTICULATED: College has course(s) for articulati	

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

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

ARABIC 1 Elementary	Arabic (5)	NO COURSE	ARTICULATED	: College	has not
		submitted	course(s) for	or articul	Lation
ARABIC 2 Elem Arabi	c (5)	NO COURSE	ARTICULATED	: College	has not
		submitted	course(s) for	or articul	lation
ARABIC 3 Elem Arabi	c (5)	NO COURSE	ARTICULATED	: College	has not
		submitted	course(s) for	or articul	lation
ARABIC 21 Intermed Ara	abic (4)	NO COURSE	ARTICULATED	: College	has not
		submitted	course(s) for	or articul	lation
ARABIC 22 Intermed Ara	abic (4)	NO COURSE	ARTICULATED	: College	has not
		submitted	course(s) for	or articul	lation
ARABIC 23 Intermed Ara	abic (4)	NO COURSE	ARTICULATED	: College	has not
		submitted	course(s) for	or articul	Lation
OR			OR		
x) CHINESE 1 Elem C	hinese (5)	NO COMPARA	ABLE COURSE		
x) CHINESE 2 Elem Cl	hinese (5)	NO COMPARA	ABLE COURSE		
x) CHINESE 3 Elem C	hinese (5)	NO COMPARA	ABLE COURSE		
x) CHINESE 4 Inter	Chinese (5)	NO COMPARA	ABLE COURSE		
x) CHINESE 5 Inter	Chinese (5)	NO COMPARA	ABLE COURSE		
x) CHINESE 6 Inter	Chinese (5)	NO COMPARA	ABLE COURSE		
OR			OR		

x) CHINESE	1CN Mand/Cant Spkrs I	(5)	NO COMPARABLE COURSE
x) CHINESE	-		NO COMPARABLE COURSE
x) CHINESE			NO COMPARABLE COURSE
•	OR	. ,	OR
x) CHINESE	1BL Accl Wrtn Chinese I	(5)	NO COMPARABLE COURSE
x) CHINESE	2BL Accl Wrtn Chinese	(5)	NO COMPARABLE COURSE
	II		
x) CHINESE	3BL Accl Wrtn Chinese	(5)	NO COMPARABLE COURSE
	III		
	OR		OR
FRENCH 1	Elementary French	(5)	FRENCH 1 Beginning French (4)
FRENCH 2	Elementary French	(5)	FRENCH 1 $\underline{\&}$ Beginning French (4)
			FRENCH 2 High-Beginning French (4)
FRENCH 3	Elementary French	(5)	FRENCH 2 High-Beginning French (4)
FRENCH 21	Intermed French	(5)	FRENCH 3 Intermediate French (4)
FRENCH 22	Intermed French	(5)	FRENCH 3 $\underline{\&}$ Intermediate French (4)
			FRENCH 4 High-Intermediate (4)
			French
	OR		OR
GERMAN 1	Elementary German	. ,	GERMAN 1 Beginning German (4)
GERMAN 2	Elementary German		GERMAN 2 High-Beginning German (4)
GERMAN 3	Elementary German		GERMAN 3
GERMAN 20	Intermediate German	(4)	GERMAN 4 High-Intermediate (4)
			German
GERMAN 21	Intermediate German	(4)	NO COMPARABLE COURSE
	OR	\	OR
HEBREW 1	Elem Hebrew		NO COMPARABLE COURSE
HEBREW 2	Elem Hebrew		NO COMPARABLE COURSE
HEBREW 3	Elem Hebrew		NO COMPARABLE COURSE
HEBREW 21	Intermed Modern Hebrew I	(4)	NO COURSE ARTICULATED: College has not
TIEDDEM 00	Intermed Modern Hebrew II	(1)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not
HEBREW 22	intermed Modern Hebrew II	(4)	submitted course(s) for articulation
HEBREW 23	Intermed Modern Hebrew III	(1)	1
UPPKEM 72	OR	(+)	OR
HIN-URD 1	Elem Hindi/Urdu I	(5)	NO COURSE ARTICULATED: College has not
HIIV ORD I	Biem Hillar, orda i	())	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		NO COURSE ARTICULATED: College has not
		. ,	submitted course(s) for articulation
HIN-URD 21	Intermed Hindi/Urdu I	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
HIN-URD 22	Intermed Hindi/Urdu II	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
HIN-URD 23	Intermed Hindi/Urdu III	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
	OR		OR
ITALIAN 1	Elementary Italian		NO COMPARABLE COURSE
ITALIAN 2	Elementary Italian		NO COMPARABLE COURSE
ITALIAN 3	Elementary Italian		NO COMPARABLE COURSE
ITALIAN 4	Interm Italian		NO COMPARABLE COURSE
ITALIAN 5	Interm Italian	(4)	NO COMPARABLE COURSE
1	OR	<i>(</i> = <i>)</i>	OR
ITALIAN 1	Elementary Italian		NO COMPARABLE COURSE
ITALIAN 2	Elementary Italian		NO COMPARABLE COURSE
ITALIAN 3	Elementary Italian		NO COMPARABLE COURSE
ITALIAN 8A	Italian Convers Italian Convers		NO COMPARABLE COURSE NO COMPARABLE COURSE
ITALIAN 8B	Italian Convers OR	(3)	NO COMPARABLE COURSE OR
y) JPNESE 1		(5)	NO COMPARABLE COURSE
y) JPNESE 2			NO COMPARABLE COURSE
y) JPNESE 3			NO COMPARABLE COURSE
A) OLINDOP 2	, Brem Dapanese	()	TWO COMEDITATIONS COOKSE

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	(5)	NO COMPARABLE COURSE
RUSSIAN 2	Elementary Russian	(5)	NO COMPARABLE COURSE
RUSSIAN 3	Elementary Russian	(5)	NO COMPARABLE COURSE
RUSSIAN 4	Intermed Russian	(4)	NO COMPARABLE COURSE
RUSSIAN 5	Intermed Russian	(4)	NO COMPARABLE COURSE

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

	OR			OR	
SPANISH 1	Elementary Spanish	(5) S	SPAN 1	Beginning Spanish	(5)
SPANISH 2	Elementary Spanish	(5) S	SPAN 1 <u>&</u>	Beginning Spanish	(5)
		S1	SPAN 2	High-Beginning Spanish	(5)
SPANISH 3	Elementary Spanish	(5) S	SPAN 2	High-Beginning Spanish	(5)
SPANISH 21	Intm Spanish	(5) S	SPAN 3 <u>&</u>	Intermediate Spanish	(5)
		S1	SPAN 4	High-Intermediate	(5)
				Spanish	
SPANISH 22	Intm Spanish	(5) S	SPAN 3 <u>&</u>	Intermediate Spanish	(5)
		S1	SPAN 4	High-Intermediate	(5)
				Spanish	
	OR			OR	
b) SPANISH 3	1 Int Span Nat Spk I	(5) S	SPAN 4NS	Spanish for Spanish	(4)
				Speakers	
b) SPANISH 3	2 Int Span Nat Spk II	(5) S	SPAN 4NS	Spanish for Spanish	(4)
				Speakers	
b) SPANISH 3	3 Int Span Nat Spk III	(5) S	SPAN 4NS	Spanish for Spanish	(4)
				Speakers	

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

END OF MAJOR

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

- y) Transfer students must take a UC Davis placement exam in Japanese language before enrolling in UC Davis Japanese language courses; duplication of credit may result.
- b) If student takes SPAN 4NS at Clovis Community College, credit will be given for UC Davis's SPANISH 31+32 or 33

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

ITALIAN 1	Elementary Italian	(5) NO	COMPARABLE	COURSE
ITALIAN 2	Elementary Italian	(5) NO	COMPARABLE	COURSE
ITALIAN 3	Elementary Italian	(5) NO	COMPARABLE	COURSE
ITALIAN 4	Interm Italian		COMPARABLE	
ITALIAN 5	Interm Italian	(4) NO	COMPARABLE	COURSE
ITALIAN 9	Reading Italian	(4) NO	COMPARABLE	COURSE

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

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.

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

available iiom our ine webbie.

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
γ)	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)	LING 10 Introduction to (3)
			Language
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 <a href="https://doi.org/10.1001/journal-normal

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

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

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG 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.

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

available from our TAG website.		
COMUNCN 1 Intro Public Spkg	(4) COMM 1 Public Speaking OR	(3)
	COMM 1H Honors Public Spea	aking (3)
ENGLISH 3 Intro to Lit	(4) ENGL 1B Introduction to t	, ,
OR	<u>OR</u> ENGL 1BH Honors Introducti the Study of Literature OR	ion to (3)
UWRITING 1 Expository Writing	(4) ENGL 1A Reading and Composition OR	(4)
OR	ENGL 1AH Honors Reading and Composition OR	nd (4)
UWRITING 48 Style in the Essay Formerly UWRITING 18	(4) ENGL 3 Critical Reading a Writing OR	and (3)
OR	ENGL 3H Honors Critical Real and Writing	eading (3)
UWRITING 49 Writing Research Paper Formerly UWRITING 19	1	
BIOLSCI 2B Intro Biology: Ecol & Evolution	ogy (5) BIOL 11A & Biology for Scien	nce (5)
	BIOL 11B Biology for Scien	
ENVHORT 6 Intro Environ Plants	(4) NO COURSE ARTICULATED: Colleg submitted course(s)for articu	ge has not ulation
ONE COURS	FROM THE FOLLOWING:	
	(2)	(=)
STATIST 13 Elementary Statisti	(3) MATH 5A Math Analysis I cs (4) MATH 11 Elementary Statist	(5) tics (4)
Same as: STATIST 13Y ENG CS 32A Intro to Programming(Formerly ENG CS 10	<u>OR</u> STAT 7 Elementary Statist 4) NO COMPARABLE COURSE 	cics (4)
	FROM THE FOLLOWING:	
CHEM 2A Genl Chemistry CHEM 10 Concept of Chem PHYSICS 1A Principles Physics	(5) CHEM 1A General Chemistry (4) NO COMPARABLE COURSE (3) NO COMPARABLE COURSE	(5)
	s (4) PHYS 10 Conceptual Physics	
	(4) GEOL 1 Physical Geology	
Environment		ulation
	(4) NO COURSE ARTICULATED: Colleg	ge has not
LND ARC 2 Place, Culture, Commun		ge has not
LND ARC 3 Sustainable Developm		ge has not
LND ARC 21 Landscape Rep I	(4) NO COURSE ARTICULATED: Colleg	

Formerly	Design Visualization		submitted	course(s) for articulation
LND ARC 23	Landscape Rep II	(3)	NO COURSE	ARTICULATED
LND ARC 30	History Environ Design	(4)	NO COURSE	ARTICULATED: College has not
			submitted	course(s) for articulation
LND ARC 50	Site Ecology	(4)	NO COURSE	ARTICULATED: College has not
			submitted	course(s) for articulation
LND ARC 60	Landform Grading Studio	(6)	NO COURSE	ARTICULATED: College has not
			submitted	course(s) for articulation
LND ARC 70	Intro to Spacemaking	(4)	NO COURSE	ARTICULATED: College has not
			submitted	<pre>course(s) for articulation</pre>

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

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

END OF MAJOR

agreement)

f) If a student takes GEOL 1 at Clovis Community College, credit will be given for UC Davis's GEOLOGY 1 or 50+50L, not both.

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

Special Advising Note:

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

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

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) | LING 10 Introduction to (3) | Language

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 General Catalog . Quick reference charts for AP and IB are also

COMUNCN 1 Intro Public Spkg	(4)	COMM 1 Public Speaking (3)
OR		COMM 1H Honors Public Speaking (3)
COMUNCN 3 Intprsnl Com Cmpetnce	(4)	NO COMPARABLE COURSE
AGRESEC 18 Business Law	(4)	BA 18 Business Law and the (4) Legal Environment
ECON 1A Princ of Microecon	(4)	ECON 1B Principles of (3)
ECON 1B Princ of Macroecon	(4)	ECON 1A Principles of (3) Macroeconomics
PL SCI 21 Computers in Technology	(3)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
OR		OR
B) ENG CS 15 Intro to Computers	(4)	IS 15 Computer Concepts (3)

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

MGMT 11A	Elem Accounting	(4)	ACCTG 4A & Financial Accounting (4)
			ACCTG 4B Managerial Accounting (4)
MGMT 11B	Elem Accounting	(4)	NO COMPARABLE COURSE
MATH 16A	Short Calculus	(3)	MATH 5A Math Analysis I (5)
MATH 16B	Short Calculus	(3)	MATH 5B Math Analysis II (4)
MATH 16C	Short Calculus	(3)	MATH 5B Math Analysis II (4)
	OR		OR
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
	OR		OR
MATH 21A	Calculus	(4)	MATH 5A Math Analysis I (5)
MATH 21B	Calculus	(4)	MATH 5B Math Analysis II (4)
STATIST 13	Elementary Statistics	(4)	MATH 11 Elementary Statistics (4)
	STATIST 13Y	. ,	OR
			STAT 7 Elementary Statistics (4)

END OF MAJOR

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

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

College (CCC).

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

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

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

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	 BIOL 11A 	Biology for Science (5) Majors I
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 11A	$\underline{\&}$ Biology for Science (5)
	& EVOLUCION			Majors I
			BIOL 11B 	Biology for Science (5) Majors II
BIOLSCI 2C	Intro Biology:	(5)	BIOL 11B	Biology for Science (5)
	Biodiversity & the Tree		j	Majors II
	of Life			
CHEM 2A	Genl Chemistry	(5)	 CHEM 1A	General Chemistry (5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry (5)
	-		CHEM 1B	General Chemistry and (5)
			į	Qualitative Analysis
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry and (5)
			j	Qualitative Analysis
MATH 16A	Short Calculus	(3)	 MATH 5A	Math Analysis I (5)
MATH 16B	Short Calculus		MATH 5B	
MATH 16C	Short Calculus		MATH 5B	-
	OR	(-)		OR
MATH 17A	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not
			submitted	course(s) for articulation
MATH 17B	Calculus for Biosci	(4)	NO COURSE	ARTICULATED: College has not
			submitted	course(s) for articulation
MATH 17C	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not
			submitted	course(s) for articulation
	OR			OR
MATH 21A	Calculus	(4)	MATH 5A	Math Analysis I (5)
MATH 21B	Calculus			Math Analysis II (4)
MATH 21C	Calculus	(4)	MATH 6	Math Analysis III (5)
PHYSICS 7A	General Physics	(4)	PHYS 2A &	General Physics I (4)
	•	. ,	PHYS 2B	
PHYSICS 7B	General Physics	(4)		General Physics I (4)
	-		PHYS 2B	General Physics II (4)
PHYSICS 7C	General Physics	(4)	PHYS 2A &	General Physics I (4)

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

	OR						OR	
c) PHYSICS 9A	Classical	Physics	(5)	PHYS	4A	<u>&</u>	Physics for Scientists	(4)
							and Engineers	
				PHYS	4B	<u>&</u>	Physics for Scientists	(4)
							and Engineers	
				PHYS	4C		Physics for Scientists	(4)
							and Engineers	
c) PHYSICS 9B	Classical	Physics	(5)	PHYS	4A	<u>&</u>	-	(4)
							and Engineers	
				PHYS	4B	<u>&</u>	Physics for Scientists	(4)
							and Engineers	
				PHYS	4C		Physics for Scientists	(4)
							and Engineers	
c) PHYSICS 9C	Classical	Physics	(5)	PHYS	4A	<u>&</u>	Physics for Scientists	(4)
							and Engineers	
				PHYS	4B	<u>&</u>	Physics for Scientists	(4)
							and Engineers	
				PHYS	4C		Physics for Scientists	(4)
							and Engineers	

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

c) This articulation is "series for series" only.

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

available ir	om our TAG website.			
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 11A 	Biology for Science (5) Majors I
BIOLSCI 2B	<pre>Intro Biology: Ecology & Evolution</pre>	(5)	BIOL 11A	<u>&</u> Biology for Science (5) Majors I
	u 1,01401011		BIOL 11B	
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	 BIOL 11B 	Biology for Science (5) Majors II
	enl Chemistry	. ,	 CHEM 1A	General Chemistry (5)
CHEM 2B G	enl Chemistry	(5)	CHEM 1A & CHEM 1B	General Chemistry (5) General Chemistry and (5)
				Qualitative Analysis
CHEM 2C G	enl Chemistry	(5)	CHEM 1B	
	AND		 	Qualitative Analysis AND
CHEM 8A O	rganic Chem-Brief	(2)		ARTICULATED: College has not
CITEM OD O	rganic Chem-Brief	(1)		<pre>course(s)for articulation ARTICULATED: College has not</pre>
CHEM 8B O	rganic Chem-Briei	(4)		course(s) for articulation
MATH 17A	 Calculus for BioSci	(4)	!	ARTICULATED: College has not
MATH 17B	Calculus for Biosci	(1)	Į.	<pre>course(s) for articulation ARTICULATED: College has not</pre>
MAIN 1/B	Calculus for Bloser	(4)	!	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 5A	Math Analysis I (5)
	Calculus			Math Analysis II (4)
PHYSICS 7A	General Physics	(4)		General Physics I (4)
DIVETES 7D	General Physics	(1)	PHYS 2B	General Physics II (4)
PHYSICS 7B	General Physics	(4)	PHYS 2A & PHYS 2B	
PHYSICS 7C	General Physics	(4)	PHYS 2A &	General Physics I (4)
			PHYS 2B	
it is highly	recommended that students	S COI	mpıete 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	
c)	PHYSICS	9A	Classical	Physics	(5)	PHYS	4A	<u>&</u>	Physics for Scientists	(4)
									and Engineers	
						PHYS	4B	<u>&</u>	Physics for Scientists	(4)

						and Engineers	
				PHYS	4C	Physics for Scientists	(4)
						and Engineers	
c) PHYSICS 9B	Classical	Physics	(5)	PHYS	4A &	Physics for Scientists	(4)
						and Engineers	
				PHYS	4B &	Physics for Scientists	(4)
						and Engineers	
				PHYS	4C	Physics for Scientists	(4)
						and Engineers	
c) PHYSICS 9C	Classical	Physics	(5)	PHYS	4A &	Physics for Scientists	(4)
						and Engineers	
				PHYS	4B &	Physics for Scientists	(4)
						and Engineers	
				PHYS	4C	Physics for Scientists	(4)
						and Engineers	

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

c) This articulation is "series for series" only.

====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 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.

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

Advanced Placement (AP) and International Raccalaureate (IR) Evamination Note:

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)	BIOL 11A Biology for Science (5) Majors I
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	-
	& EVOLUCION		Majors 1 BIOL 11B Biology for Science (5)
			Majors II
BIOLSCI 2C	Intro Biology:	(5)	BIOL 11B Biology for Science (5)
	Biodiversity & the Tree		Majors II
	of Life		
CHEM 2A	Genl Chemistry	(5)	CHEM 1A General Chemistry (5)
	Genl Chemistry		CHEM 1A & General Chemistry (5)
		(-)	CHEM 1B General Chemistry and (5)
			Qualitative Analysis
CHEM 2C	Genl Chemistry	(5)	CHEM 1B General Chemistry and (5)
			Qualitative Analysis
MATH 16A	Short Calculus	(3)	MATH 5A Math Analysis I (5)
MATH 16B	Short Calculus		MATH 5B Math Analysis II (4)
MATH 16C	Short Calculus		MATH 5B Math Analysis II (4)
	OR		OR
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
MARIT 013	OR	(1)	OR
MATH 21A MATH 21B	Calculus Calculus	(4)	MATH 5A Math Analysis I (5) MATH 5B Math Analysis II (4)
MATH 21B			MATH 5B Math Analysis II (4) MATH 6 Math Analysis III (5)
MAIH ZIC		(4)	MAIN 0 Mach Analysis III (5)
PHYSICS 7A	General Physics	(4)	PHYS 2A $\underline{\mathbf{\&}}$ General Physics I (4)
			PHYS 2B General Physics II (4)
PHYSICS 7B	General Physics	(4)	PHYS 2A & General Physics I (4)
	a 1 51 '		PHYS 2B General Physics II (4)
PHYSICS 7C	General Physics	(4)	PHYS 2A & General Physics I (4)
It is highly	v recommended that students	z	PHYS 2B General Physics II (4)

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

	•		OR						OR	
c)	PHYSICS	9A	Classical	Physics	(5)	PHYS	4A	<u>&</u>	Physics for Scientists and Engineers	(4)
						PHYS	4B	<u>&</u>	Physics for Scientists and Engineers	(4)
						PHYS	4C		Physics for Scientists and Engineers	(4)
c)	PHYSICS	9B	Classical	Physics	(5)	PHYS	4A	<u>&</u>	Physics for Scientists and Engineers	(4)
						PHYS	4B	<u>&</u>	Physics for Scientists and Engineers	(4)
						PHYS	4C		Physics for Scientists and Engineers	(4)
c)	PHYSICS	9C	Classical	Physics	(5)	PHYS	4A	<u>&</u>	Physics for Scientists and Engineers	(4)
						PHYS	4B	<u>&</u>	Physics for Scientists and Engineers	(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	r articulation

END OF MAJOR

c) This articulation is "series for series" only.

====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 $\frac{\text{highly recommended}}{\text{Preparing well for the major helps}}$ 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	(5)	 BIOL 11.	.A B	iology for	Science	(5)
	Earth		İ	M	ajors I		
BIOLSCI 2B	Intro Biology: Ecology	(5)	BIOL 11.	.А <u>&</u> В	iology for	Science	(5)
	& Evolution				ajors I		
			BIOL 11:	.В В	iology for	Science	(5)
					ajors II		
BIOLSCI 2C			BIOL 11:		iology for	Science	(5)
	Biodiversity & the Tree			M	ajors II		
	of Life						
		·	1 A				
	Genl Chemistry Genl Chemistry		CHEM 1A		neral Chemi neral Chemi	-	(5) (5)
CHEM 2D G	Geni Chemistry	(5)	CHEM IA	_	neral Chemi neral Chemi	_	(5)
			CUEM ID		neral chemi alitative A	_	(5)
CHEM 2C G	enl Chemistry	(5)	 CHEM 1B		neral Chemi	_	(5)
CHEM ZC C	CIII CIICIIIIBCI y	(3)	CHEM ID		alitative A	_	(3)
MATH 16A	Short Calculus	(3)	MATH 5A	Ma	th Analysis	I	(5)
MATH 16B	Short Calculus	(3)	матн 5в	8 Ma	th Analysis	II	(4)
MATH 16C	Short Calculus	(3)	МАТН 5В		th Analysis		(4)
	OR		j		OR		
MATH 17A	Calculus for BioSci	(4)			ICULATED: C		
			!		rse(s) for		
MATH 17B	Calculus for Biosci	(4)			ICULATED: C		
			I		rse(s) for		
MATH 17C	Calculus for BioSci	(4)			ICULATED: C		
			submitt	ed cou	rse(s) for	articulati	on
	OR	(4)			OR	_	<i>(</i> - <i>)</i>
	Calculus		!		th Analysis		(5)
	Calculus				th Analysis		(4)
MATH 21C	Calculus	(4)	MATH 6	мат	h Analysis	TTT	(5)
PHYSICS 7A	General Physics	(4)	PHYS 2A	. & Ge	neral Physi	cs T	(4)
11110100 /11		(- /	PHYS 2B	_	neral Physi		(4)
PHYSICS 7B	General Physics	(4)	PHYS 2A		neral Physi		(4)
	-		PHYS 2B		neral Physi		(4)
PHYSICS 7C	General Physics	(4)	I		neral Physi		(4)
	_		PHYS 2B	_	neral Physi		(4)
It is highly	recommended that students	s coi	mplete a:	n enti	re 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	
c)	PHYSICS	9A	Classical	Physics	(5)	PHYS	4A	<u>&</u>	Physics for Scientists	(4)
								_	and Engineers	
						PHYS	4B	<u>&</u>	Physics for Scientists	(4)
									and Engineers	

			PHYS	4C	Physics for Scientists and Engineers	(4)
c) PHYSICS 9B	Classical Phys	sics (5)	PHYS	4A <u>&</u>	Physics for Scientists and Engineers	(4)
			PHYS	4B <u>&</u>	Physics for Scientists and Engineers	(4)
			PHYS	4C	Physics for Scientists and Engineers	(4)
c) PHYSICS 9C	Classical Phys	sics (5)	PHYS	4A <u>&</u>	Physics for Scientists and Engineers	(4)
			PHYS	4B <u>&</u>	Physics for Scientists and Engineers	(4)
			PHYS	4C	Physics for Scientists and Engineers	(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

c) This articulation is "series for series" only.

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

Special Advising Note:

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

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

END OF MAJOR

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> Catalog for additional information about the Foreign Language and Area Requirements, College of Letters and Science.

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

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

MATH 21A	Calculus	(4)	MATH 5A	Math Analysis I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Math Analysis II	(4)
MATH 21C	Calculus	(4)	MATH 6	Math Analysis 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	, ,	МАТН б	Math Analysis III	(5)
MATH 22B	Differntl Equations	(3)	MATH 17	Differential Equations	(5)
				and Linear Algebra	

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	HE FOLLOWING	COURSES:	
MATH 22A	Linear Algebra	(3) MATH	17 Differential Equations	(5)
			and Linear Algebra	
	AND		AND	
MATH 108	Intro Abstract Math	(4) This	course must be taken at UC Day	ris

OR SELECT THE FOLLOWING COURSE:

MATH 67	Modern Linear Algebra	(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	Intro to Programming(4)	NO COMPARABLE COURSE
ENGIN 6	Engr Prob Solving	(4) NO COMPARABLE COURSE

ENGIN 6 Engr Prob Solving

(4) | NO COMPARABLE COURSE

END OF MAJOR

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

Recommended Language Preparation Note:

Bachelor of Science degree candidates are advised, but not required, to satisfy the same language requirement as that for a Bachelor of Arts degree candidate,

and to fulfill it in French, German or Russian. View the $\underline{\text{UC Davis General}}$ $\underline{\text{Catalog}}$ for additional information about the Foreign Language and Area Requirements, College of Letters and Science.

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

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

MATH	21A	Calculus	(4)	MATH 5A	Math Analysis I	(5)
MATH	21B	Calculus	(4)	MATH 5B	Math Analysis II	(4)
MATH	21C	Calculus	(4)	MATH 6	Math Analysis III	(5)
MATH	21D	Vector Analysis	(4)	MATH 6	Math Analysis III	(5)
MATH	22B	Differntl Equations	(3)	MATH 17	Differential Equations	(5)
					and Linear Algebra	
MATH	22AL	Lin Alg Comp Lab	(1)	NO COURSE	ARTICULATED: College has	not
				submitted	l course(s)for articulation	n

or equivalent basic knowledge of MATLAB.

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

BOTH OF THE FOLLOWING COURSES.

	DOIN OF	THE LOTHOMING	COOKDED.	
MATH 22A	Linear Algebra	(3) MATH	I 17 Differential Equations (5)
			and Linear Algebra	
	AND		AND	
MATH 108	Intro Abstract Math	(4) This	course must be taken at UC Davis	

OR SELECT THE FOLLOWING COURSE:

MATH 67	Modern Linear Algebra	(4)		ARTICULATED: College has n course(s) for articulation	
	Intro to Programming(4) ly ENG CS 10		NO COMPARA 	ABLE COURSE	
	OR		İ	OR	
ENGIN 6	Engr Prob Solving	(4)	NO COMPARA	ABLE COURSE	
ECON 1A	Princ of Microecon	(4)	ECON 1B 	Principles of (Microeconomics	3)
ECON 1B	Princ of Macroecon	(4)	ECON 1A	Principles of (Macroeconomics	3)
STATIST 32	Gateway to Data Science	(4)	NO COMPARA	ABLE COURSE	

END OF MAJOR

====Mathematics A.B.====

Special Advising Note:

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

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

Special Advising Note for future applicants:*

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

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

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

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

*Information for future applicants is subject to change

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

MARKY 013 ... (Call real terms of the Control of th

MATH 21A Calculus (4) | MATH 5A Math Analysis I (5) MATH 21B Calculus (4) | MATH 5B Math Analysis II (4)

MATH 21C Calculus	(4) MATH 6 Math Analysis III (5)		
MATH 21D Vector Analysis	(4) MATH 6 Math Analysis III (5)		
MATH 22B Differntl Equations	(3) MATH 17 Differential Equations (5)		
	and Linear Algebra		
MATH 22AL Lin Alg Comp Lab	(1) NO COURSE ARTICULATED: College has not		
	submitted course(s)for articulation		
	sic knowledge of MATLAB.		
	is required for both MATH 67 and 22A. Students		
	ll in Engineering 6, Mechanical Engineering 5 or		
	ics 22AL (may be taken concurrently).		
	F THE FOLLOWING COURSES:		
	(3) MATH 17 Differential Equations (5)		
J	and Linear Algebra		
AND	AND		
MATH 108 Intro Abstract Math	(4) This course must be taken at UC Davis		
	LECT THE FOLLOWING COURSE: a (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ENG CS 32A Intro to Programming Formerly ENG CS 10	g(4) NO COMPARABLE COURSE		
OR	OR		
ENGIN 6 Engr Prob Solving	(4) NO COMPARABLE COURSE		
Please note that the community college's computer science courses may not be identical to UC Davis courses. Community college students, upon transfer to UC Davis, may need to make up any topic or language deficiencies. 12 QUARTER UNITS OF ADDITIONAL NON-MATHEMATICS COURSES CHOSEN FROM NATURAL SCIENCES			

END OF MAJOR

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

Special Advising Note:

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

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

Special Advising Note for future applicants:*

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

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

candidates for admission to this major (3.20 or higher for TAG applicants).

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

- -Mathematics 21A/B/C/D
- -Mathematics 22A or Mathematics 67
- -Mathematics 22B
- *Information for future applicants is subject to change

Transfer Admission Guarantee (TAG) Note:

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

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

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

Recommended Language Preparation Note:

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

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

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

MATH	21A	Calculus	(4)	MATH	5A	Math Analysis I	(5)
MATH	21B	Calculus		MATH		Math Analysis II	(4)
MATH	21C	Calculus	(4)	MATH	6	Math Analysis III	(5)
MATH	21D	Vector Analysis	(4)	MATH	6	Math Analysis III	(5)
MATH	22B	Differntl Equations	(3)	MATH	17	Differential Equations	(5)
				ĺ		and Linear Algebra	
MATH	22AL	Lin Alg Comp Lab	(1)	NO CO	OURSE	ARTICULATED: College has	not
				subm	itted	course(s) for articulation	า

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 FOLL MATH 22A Linear Algebra (3)	OWING COURSES: MATH 17 Differential Equations (5) and Linear Algebra AND
- -	This course must be taken at UC Davis
OR SELECT THE F	OLLOWING COURSE:
MATH 67 Modern Linear Algebra (4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ENG CS 32A Intro to Programming(4) Formerly ENG CS 10	
OR ENGIN 6 Engr Prob Solving (4)	OR NO COMPARABLE COURSE
	o make up any topic or language
PLAN 1: GENERAL MATHE c) PHYSICS 9A Classical Physics (5)	
	and Engineers PHYS 4B & Physics for Scientists (4) and Engineers
	PHYS 4C Physics for Scientists (4) and Engineers
PLAN 2: MATHEMATICS	FOR SECONDARY TEACHING
PHYSICS 7A General Physics (4) OR	PHYS 2A & General Physics I (4) PHYS 2B General Physics II (4) OR
	PHYS 4A & Physics for Scientists (4) and Engineers
	PHYS 4B & Physics for Scientists (4) and Engineers
OR	PHYS 4C Physics for Scientists (4) and Engineers OR
	MATH 11 Elementary Statistics (4) OR
OR	STAT 7 Elementary Statistics (4) OR
STATIST 32 Gateway to Data Science (4)	

END OF MAJOR

 $_{\mbox{\scriptsize C}})$ This articulation is "series for series" only.

====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

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

====Medieval and Early Modern Studies A.B.====

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

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

MEDV-ST 20A Medieval Culture (5) NO COMPARABLE COURSE MEDV-ST 20B Medieval Culture (5) NO COMPARABLE COURSE THREE COURSES FROM THE FOLLOWING:				
ARTHI 1B	Mediev&Renaiss Art	(4)	ART 5 <u>&</u> ART 6 OR	Art History 1 (3) Art History 2 (3)
ARTHI 1C	Baroque to Modern Art	(4)	ART 5 & & ART 6H ART 6	Art History 1 (3) Honors Art History 2 (3) Art History 2 (3)
ARTHI 1E	Islamic Art & Architecture	(4)	NO COURSE	Honors Art History 2 (3) ARTICULATED: College has not course(s) for articulation
COMPLIT 2	Major Books-Middle Ages to Enlightenment	(4)	NO COURSE	ARTICULATED: College has not course(s) for articulation
COMPLIT 10A	_	(2)	NO COURSE	ARTICULATED: College has not course(s) for articulation
COMPLIT 10B	Master Authors	(2)	NO COURSE	ARTICULATED: College has not course(s) for articulation
COMPLIT 10C	Master Authors	(2)		ARTICULATED: College has not course(s) for articulation
COMPLIT 10D	Master Authors	(2)	!	ARTICULATED: College has not course(s) for articulation
COMPLIT 10E	Master Authors	(2)	1	ARTICULATED: College has not course(s) for articulation
ENGLISH 10A	Literatures in English I: To 1700	(4)	ENGL 46A	English Literature to (3) 1800
GERMAN 48	Myth & Saga	. ,	NO COMPARABLE COURSE	

| HIST 2 Western Civilization (3) from 1648 HUMAN 1 Humanities Forum (2) NO COURSE ARTICULATED: College has not |submitted course(s) for articulation

(4) NO COMPARABLE COURSE

1648

(4) | HIST 1 $\underline{\&}$ Western Civilization to (3)

(2) NO COURSE ARTICULATED: College has not HUMAN 9 Don Quixote |submitted course(s) for articulation

PHILOS 21 Phil Classics: Ancient (4) NO COMPARABLE COURSE PHILOS 22 Phil Classics: Modern (4) NO COMPARABLE COURSE

Language proficiency is a desideratum; courses in Latin and other European languages are strongly recommended, particularly for students planning to pursue graduate studies in the medieval or early modern field.

END OF MAJOR

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

Special Advising Note:

HISTORY 4A Western Civ

HISTORY 4B Western Civ

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

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

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 11A Biology for Science (5) Majors I
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	!
			BIOL 11B Biology for Science (5) Majors II
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 11B Biology for Science (5) Majors II
	Genl Chemistry Genl Chemistry		CHEM 1A General Chemistry (5) CHEM 1A & General Chemistry (5) CHEM 1B General Chemistry and (5)
CHEM 8A	Organic Chem-Brief	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
CHEM 8B	Organic Chem-Brief	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
GIIDIA 1103	OR	(1)	OR
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 28A & Organic Chemistry I (3) CHEM 29A Organic Chemistry (2) Laboratory I
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 28A & Organic Chemistry I (3) CHEM 29A & Organic Chemistry (2) Laboratory I

CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 28B & Organic Chemistry II (3) CHEM 29B Organic Chemistry (2) Laboratory II (3) CHEM 28B & Organic Chemistry II (3) CHEM 29B Organic Chemistry II (3) Laboratory II
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	OR		OR
MATH 21A	Calculus	(4)	MATH 5A Math Analysis I (5)
MATH 21B	Calculus	(4)	MATH 5B Math Analysis II (4)
PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE
	OR		OR
PHYSICS 7A	General Physics	(4)	PHYS 2A $\underline{\&}$ General Physics I (4)
			PHYS 2B General Physics II (4)
PHYSICS 7B	General Physics	(4)	PHYS 2A $\underline{\&}$ General Physics I (4)
			PHYS 2B General Physics II (4)
PHYSICS 7C	General Physics	(4)	PHYS 2A & General Physics I (4)
	2	. ,	·

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 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.

BIOLSCI 2A Intro Biology:Life on (5) BIOL 11A Biology for Science (5) Earth Majors I

BIOLSCI 2B Intro Biology: Ecology (5) BIOL 11A Biology for Science (5) & Evolution Majors I

BIOLSCI 2C Intro Biology: (5) BIOL 11B Biology for Science (5) Majors II

BIOLSCI 2C Intro Biology: (5) BIOL 11B Biology for Science (5) Biodiversity & the Tree of Life

	Calculus	(4)	NDED:			
MIC BIO 9	l Intro Research		NO COURSE ARTICULATED			
their community series best	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.					
			PHYS 2B General Physics II (4)			
	General Physics General Physics		PHYS 2A & General Physics I (4) PHYS 2B General Physics II (4) PHYS 2A & General Physics I (4)			
	A General Physics		PHYS 2A & General Physics I (4) PHYS 2B General Physics II (4)			
MATH 21A MATH 21B			OR MATH 5A			
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation			
MATH 17B	Calculus for Biosci	(4)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation			
 MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not			
CHEM 118C	Org Chem, Hlth & Sci	(4)	Laboratory II CHEM 28B & Organic Chemistry II (3) CHEM 29B Organic Chemistry (2) Laboratory II			
			CHEM 29A & Organic Chemistry (2) Laboratory I (3) CHEM 28B & Organic Chemistry II (3) CHEM 29B Organic Chemistry (2) Laboratory II			
CHEM 118B	Org Chem, Hlth & Sci		CHEM 29A Organic Chemistry (2) Laboratory I CHEM 28A & Organic Chemistry I (3)			
CHEM 118A	OR Org Chem, Hlth & Sci	(4)	submitted course(s)for articulation OR CHEM 28A & Organic Chemistry I (3)			
CHEM 8B	Organic Chem-Brief	(4)	submitted course(s)for articulation NO COURSE ARTICULATED: College has not			
CHEM 8A	Organic Chem-Brief	(2)	NO COURSE ARTICULATED: College has not			
CHEM 2C	Genl Chemistry	(5)	Qualitative Analysis CHEM 1B General Chemistry and (5) Qualitative Analysis			
CHEM 2A CHEM 2B	Genl Chemistry Genl Chemistry		CHEM 1A General Chemistry (5) CHEM 1A & General Chemistry (5) CHEM 1B General Chemistry and (5)			

END OF MAJOR

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

Special Advising Note:

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

reduces time to degree.

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

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 ARABIC, HEBREW, OR HINDI/URDU: ARABIC 1 Elementary Arabic (5) NO COURSE ARTICULATED: College has not |submitted course(s) for articulation ARABIC 2 Elem Arabic (5) NO COURSE ARTICULATED: College has not |submitted course(s) for articulation 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 (4) NO COURSE ARTICULATED: College has not ARABIC 22 Intermed Arabic |submitted course(s) for articulation ARABIC 23 Intermed Arabic (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation

OR

HEBREW 1	Elem Hebrew	(5)	NO COMPARABLE COURSE
HEBREW 2	Elem Hebrew	(5)	NO COMPARABLE COURSE
HEBREW 3	Elem Hebrew	(5)	NO COMPARABLE COURSE
HEBREW 21	Intermed Modern Hebrew I	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
HEBREW 22	Intermed Modern Hebrew II	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
HEBREW 23	Intermed Modern Hebrew III	(4)	NO COURSE ARTICULATED
	OR		OR
HIN-URD 1	Elem Hindi/Urdu I	(5)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
HIN-URD 2	Elem Hindi/Urdu II	(5)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
HIN-URD 3	Elem Hindi/Urdu III	(5)	NO COURSE ARTICULATED: College has not
			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 COURSE ARTICULATED: College has not
			submitted course(s) for articulation
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
0	. 1 1	4	Middle Heaters on Courth Asian lenguage

Or additional 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 <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.

Diagnostic Examination Note:

Students completing the program of courses below achieve a fundamental grounding

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

MUSIC	2A	Keyboard	Competence	(2)			ARTICULATED: College has not
					subi	mitted	course(s) for articulation
MUSIC	2B	Keyboard	Competence	(2)			ARTICULATED: College has not
					subi	mitted	course(s) for articulation
MUSIC	2C	Keyboard	Competence	(2)	NO (COURSE	ARTICULATED: College has not
					subi	mitted	course(s) for articulation

STUDENTS MAY PASS OUT OF ONE OR MORE QUARTERS OF MUSIC 2A-C THROUGH EXAMINATION

MUSIC 6A	Elementary Theory	(3) CREDIT TO BE DETERMINED BY UC DAVI MUSIC DEPARTMENT'S PLACEMENT EXAMS	
MUSIC 6B	Elementary Theory	(3) CREDIT TO BE DETERMINED BY UC DAVI	
MUSIC 6C	Elementary Theory	(3) CREDIT TO BE DETERMINED BY UC DAVI MUSIC DEPARTMENT'S PLACEMENT EXAMS	
MUSIC 7A	Intermediate Theory	(3) CREDIT TO BE DETERMINED BY UC DAVI MUSIC DEPARTMENT'S PLACEMENT EXAMS	
MUSIC 7B	Intermediate Theory	(3) CREDIT TO BE DETERMINED BY UC DAVI MUSIC DEPARTMENT'S PLACEMENT EXAMS	
MUSIC 7C	Intermediate Theory	(3) CREDIT TO BE DETERMINED BY UC DAVI	S

MUSIC DEPARTMENT'S PLACEMENT EXAMS.

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
MIICIA 16A	Elem Musicionship	(2)	submitted course(s) for articulation
MUSIC 16C	Elem Musicianship	(\(\(\(\) \)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
			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
	STIIDENTS MAY DASS OUT		NE OR MORE QUARTERS OF MUSIC 17A-C
	THROUGH EXAMINATION	OF O	ME ON MORE QUARTERS OF MUSIC 17A-C
MUSIC 24A	Intro Music History	(3)	NO COMPARABLE COURSE
MUSIC 24B	4		
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.

College Foreign Language Requirement Note:

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

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

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

N A	STD	1	Intro NA Studies	(4)	NO	COMPARA	ABLE COURSE	
N A	STD	10	NA Experience OR	(4)	NO 	COMPARA	ABLE COURSE OR	
N A	STD	12	Native Amer/Indigenous Film				ARTICULATED: course(s)for	

ONE OR TWO COURSES FROM:

N A STD 5	Intro NA Literature	(4)	NO COMPARABLE COURSE
N A STD 12	Native Amer/Indigenous	(4)	NO COURSE ARTICULATED: College has not
	Film		submitted course(s)for articulation
N A STD 32	NA Music & Dance	(4)	NO COMPARABLE COURSE
N A STD 33	Intro NA Art	(4)	NO COMPARABLE COURSE
N A STD 34	NA Art Workshop	(4)	NO COMPARABLE COURSE
			·

ONE OR TWO COURSES FROM:

AF-AMST 12 AF-AMST 52	Intro Afro Studies Afr Tradit Relig	, ,	NO COMPARABLE COURSE NO COMPARABLE COURSE
	Cultural Anthropology	, ,	ANTHRO 2 Cultural Anthropology (3)
ANTHRO 20	Comparative Cultures		NO COMPARABLE COURSE
ANTHRO 24	Ancient Crops and People		NO COURSE ARTICULATED: College has not
ANTIINO 21	Anciene crops and reopie	(1)	submitted course(s) for articulation
A A STD 1	Hist Exp Asian Am	(4)	NO COMPARABLE COURSE
A A STD 2	Contemp Issues of Asian		NO COMPARABLE COURSE
11 11 515 5	Americans	(- /	
A A STD 4	Asian Amer Cultural	(4)	NO COURSE ARTICULATED: College has not
	Studies	. ,	submitted course(s) for articulation
CHICANO 10	Intro to Chic Std	(4)	NO COMPARABLE COURSE
CHICANO 21	Hlth Care Issues	(4)	NO COMPARABLE COURSE
CHICANO 23	Qualitative Research	(4)	NO COURSE ARTICULATED: College has not
	Methods		submitted course(s) for articulation
COMPLIT 25	Ethnic Writers	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
CM&RGDE 2	Ethnicity Amer Comm	(4)	NO COMPARABLE COURSE
ENV S&P 10	Current Issues in	(3)	NO COMPARABLE COURSE
	Environment		
ENV S&P	10 not open for credit to a	stude	ents who have completed ENV S&P 1
HISTORY 7A	Latin America to 1700	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
HISTORY 7B	Latin America 1700-1900	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
HISTORY 7C	Latin America	(4)	NO COURSE ARTICULATED: College has not
	1900-Present		submitted course(s) for articulation
HISTORY 17A	U.S. History	(4)	HIST 11 History of the United (3)

(3)

END OF MAJOR

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

IMPORTANT ADVISORY FOR FALL 2018 APPLICANTS:

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

END OF MAJOR

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

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

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

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

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

Transfer students must also meet UC transfer admission requirements. UC Davis

requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. See the <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)	BIOL	11A	Biology for Science (5 Majors I	5)
BIOLSCI 2B		(5)	BIOL	11A <u>&</u>		5)
	a 2.02402011		BIOL	11B	_	5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life		BIOL	11B		5)
				1A &		5)
CHEM 2C	Genl Chemistry	(5)	 CHEM 	1B	Qualitative Analysis General Chemistry and (5 Qualitative Analysis	5)
CHEM 8A	Organic Chem-Brief	(2)			ARTICULATED: College has no course(s) for articulation	ot
CHEM 8B	Organic Chem-Brief OR	(4)	ио со	URSE	ARTICULATED: College has no course(s) for articulation OR	ot
CHEM 118A	Org Chem, Hlth & Sci	(4)	 CHEM CHEM	_	Organic Chemistry I (3 Organic Chemistry (2	
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM	29A &	Laboratory I	
			CHEM CHEM		Organic Chemistry II (3 Organic Chemistry (2	,

CHEM 118C	Org Chem, Hlth & Sci	(4)	Laboratory II CHEM 28B & Organic Chemistry II (3) CHEM 29B Organic Chemistry (2) Laboratory II
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	OR		OR
MATH 21A	Calculus	(4)	MATH 5A Math Analysis I (5)
MATH 21B	Calculus	(4)	MATH 5B Math Analysis II (4)
PHYSICS 7A	General Physics	(4)	PHYS 2A & General Physics I (4) PHYS 2B General Physics II (4)
PHYSICS 7B	General Physics	(4)	PHYS 2A & General Physics I (4)
PHYSICS 7C	General Physics	(4)	PHYS 2B General Physics II (4) PHYS 2A & General Physics I (4) PHYS 2B General Physics II (4)

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

Education(GE) Note:

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

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

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

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

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

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

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

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

BIOLSCI	2A	Intro Biology:Life on Earth	(5)	BIOL	11A	Biology for Science Majors I	(5)
BIOLSCI	2B	Intro Biology: Ecology & Evolution	(5)	BIOL	11A <u>&</u>	Biology for Science Majors I	(5)
				BIOL	11B	Biology for Science Majors II	(5)
BIOLSCI	2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 	11B	Biology for Science Majors II	(5)
CHEM 2A CHEM 2B		nl Chemistry nl Chemistry	(5) (5)	 CHEM CHEM CHEM	1A &	General Chemistry General Chemistry General Chemistry and Qualitative Analysis	(5) (5) (5)
CHEM 2C	Ge	nl Chemistry	(5)	CHEM	1B	General Chemistry and	(5)

			Qualitative Analysis					
CHEM 8A	Organic Chem-Brief	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation					
CHEM 8B	Organic Chem-Brief	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation					
CHEM 118A	OR Org Chem, Hlth & Sci	(4)	OR CHEM 28A & Organic Chemistry I (3) CHEM 29A Organic Chemistry (2) Laboratory I					
CHEM 118B	Org Chem, Hlth & Sci OR	(4)	CHEM 28A & Organic Chemistry I (3) CHEM 29A & Organic Chemistry (2) Laboratory I CHEM 28B & Organic Chemistry II (3) CHEM 29B Organic Chemistry (2) Laboratory II OR					
CHEM 128A	Organic Chemistry		CHEM 28A Organic Chemistry I (3)					
CHEM 128B	Organic Chemistry	(3)	CHEM 28A & Organic Chemistry I (3) CHEM 28B Organic Chemistry II (3)					
CHEM 129A	Organic Chem Lab	(2)						
NUTR 10	Discoveries and Concepts	(3)	FN 40 Nutrition (3)					
PSYCH 41	Research Methods OR	(4)	PSY 45 Introduction to Research (3) Methods in Psychology OR					
SOCIOL 46A	Intro Social Rsch	(4)	-					
The remaining preparatory subject matter is based on which major option you choose:								
ANTHRO 2		L BIO	LOGY OPTION:					
ANTHRO 2 PSYCH 1	NUTRITIONAL Cultural Anthropology OR	BIO	LOGY OPTION: ANTHRO 2					
	NUTRITIONAL Cultural Anthropology OR General Psychology	BIO	LOGY OPTION: ANTHRO 2 Cultural Anthropology (3) OR PSY 2 General Psychology (3) OR PSY 2H Honors General (3) Psychology					
PSYCH 1	NUTRITIONAL Cultural Anthropology OR General Psychology OR Intro Sociology	(5) (4)	LOGY OPTION: ANTHRO 2 Cultural Anthropology (3) OR PSY 2 General Psychology (3) OR PSY 2H Honors General (3) Psychology OR SOC 1A Introduction to (3) Sociology					
PSYCH 1 SOCIOL 1	NUTRITIONAL Cultural Anthropology OR General Psychology OR	(5) (4)	LOGY OPTION: ANTHRO 2 Cultural Anthropology (3) OR PSY 2 General Psychology (3) OR PSY 2H Honors General (3) Psychology OR SOC 1A Introduction to (3) Sociology OR					
PSYCH 1 SOCIOL 1 SOCIOL 3 MATH 16A MATH 16B	NUTRITIONAL Cultural Anthropology OR General Psychology OR Intro Sociology OR Social Problems Short Calculus Short Calculus	(5) (4) (5) (4) (3) (3)	LOGY OPTION: ANTHRO 2 Cultural Anthropology (3) OR PSY 2 General Psychology (3) OR PSY 2H Honors General (3) Psychology OR SOC 1A Introduction to (3) Sociology OR NO COMPARABLE COURSE MATH 5A Math Analysis I (5) MATH 5B Math Analysis II (4)					
PSYCH 1 SOCIOL 1 SOCIOL 3 MATH 16A MATH 16B PHYSICS 1A	NUTRITIONAL Cultural Anthropology OR General Psychology OR Intro Sociology OR Social Problems	(5) (4) (5) (4) (5)	LOGY OPTION: ANTHRO 2 Cultural Anthropology (3) OR PSY 2 General Psychology (3) OR PSY 2H Honors General (3) Psychology OR SOC 1A Introduction to (3) Sociology OR NO COMPARABLE COURSE MATH 5A Math Analysis I (5) MATH 5B Math Analysis II (4)					
PSYCH 1 SOCIOL 1 SOCIOL 3 MATH 16A MATH 16B PHYSICS 1A	NUTRITIONAL Cultural Anthropology OR General Psychology OR Intro Sociology OR Social Problems Short Calculus Short Calculus Principles Physics Principles Physics	(5) (4) (5) (4) (3) (3) (3) (3)	LOGY OPTION: ANTHRO 2 Cultural Anthropology (3) OR PSY 2 General Psychology (3) OR PSY 2H Honors General (3) Psychology OR SOC 1A Introduction to (3) Sociology OR NO COMPARABLE COURSE MATH 5A Math Analysis I (5) MATH 5B Math Analysis II (4)					
PSYCH 1 SOCIOL 1 SOCIOL 3 MATH 16A MATH 16B PHYSICS 1A PHYSICS 1B ANTHRO 2	NUTRITIONAL Cultural Anthropology OR General Psychology OR Intro Sociology OR Social Problems Short Calculus Short Calculus Principles Physics Principles Physics Principles Physics VUTRITION IN Cultural Anthropology OR	(5) (4) (5) (4) (3) (3) (3) (3) (3) (5)	LOGY OPTION: ANTHRO 2 Cultural Anthropology (3) OR PSY 2 General Psychology (3) OR PSY 2H Honors General (3) Psychology OR SOC 1A Introduction to (3) Sociology OR NO COMPARABLE COURSE MATH 5A Math Analysis I (5) MATH 5B Math Analysis II (4) NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE IC HEALTH OPTION: ANTHRO 2 Cultural Anthropology (3) OR					
PSYCH 1 SOCIOL 1 SOCIOL 3 MATH 16A MATH 16B PHYSICS 1A PHYSICS 1B ANTHRO 2	NUTRITIONAL Cultural Anthropology OR General Psychology OR Intro Sociology OR Social Problems Short Calculus Short Calculus Principles Physics Principles Physics Principles Physics Intro Sociology OR Intro Sociology	(5) (4) (5) (4) (3) (3) (3) (3) (3) (5)	LOGY OPTION: ANTHRO 2 Cultural Anthropology (3) OR PSY 2 General Psychology (3) OR PSY 2H Honors General (3) Psychology OR SOC 1A Introduction to (3) Sociology OR NO COMPARABLE COURSE MATH 5A Math Analysis I (5) MATH 5B Math Analysis II (4) NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE SOC 1A Introduction to (3) Sociology					
PSYCH 1 SOCIOL 1 SOCIOL 3 MATH 16A MATH 16B PHYSICS 1A PHYSICS 1B ANTHRO 2 SOCIOL 1	NUTRITIONAL Cultural Anthropology OR General Psychology OR Intro Sociology OR Social Problems Short Calculus Short Calculus Principles Physics Principles Physics Principles Physics VUTRITION IN Cultural Anthropology OR	(5) (4) (5) (4) (5) (3) (3) (3) (3) (5) (5)	LOGY OPTION: ANTHRO 2 Cultural Anthropology (3) OR PSY 2 General Psychology (3) OR PSY 2H Honors General (3) Psychology OR SOC 1A Introduction to (3) Sociology OR NO COMPARABLE COURSE MATH 5A Math Analysis I (5) MATH 5B Math Analysis II (4) NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE SOC 1A Introduction to (3) Sociology OR					

ECON 1B	Princ of Macroecon	(4)	ECON 1A 	Principles of Macroeconomics	(3)
PSYCH 1	General Psychology	(4)	PSY 2 <u>OR</u> PSY 2H	General Psychology Honors General Psychology	(3)
Agricultur AGRESEC 15	al and Health Policy Area: Pop,Envr,World Agri	(4)	NO COMPAR		ION:
AMR STD 55 Same as CM&RGDE 2	<pre>iversity and Community Char Food in Amer Culture : FD S&T 55 Ethnicity Amer Comm Intro Intl Ag Development</pre>	(4)	NO COURSE submitted NO COMPAR	ARTICULATED: College h course(s) for articula ABLE COURSE ABLE COURSE	
	d Applied Sciences Area: Food Systems	(4)	!	ARTICULATED: College h course(s)for articulat	

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

(4) NO COMPARABLE COURSE
(3) NO COMPARABLE COURSE

Special Advising Note:

END OF MAJOR

PHILOS 15 Intro to Bioethics SCI&SOC 2 Feeding the Planet

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 1A General Chemistry (5) CHEM 2B Genl Chemistry (5) CHEM 1B General Chemistry and (5) Qualitative Analysis

CHEM 2C Genl Chemistry (5) CHEM 1B General Chemistry and Qualitative Analysis

OR OR

CHEM 2AH Honors Genl Chemistry (5) NO COMPARABLE COURSE CHEM 2BH Honors Genl Chemistry (5) NO COMPARABLE COURSE CHEM 2CH Honors Genl Chemistry (5) NO COMPARABLE COURSE

CHEM 2CH Honors Genl Chemistry (5) NO COMPARABLE COURSE

CHEM 2CH Honors Genl Chemistry (5) NO COMPARABLE COURSE

CHEM 2CH Honors Genl Chemistry (5) NO COMPARABLE COURSE

CHEM 2CH Honors Genl Chemistry (5) NO COMPARABLE COURSE

CHEM 2CH Honors Genl Chemistry (5) NO COMPARABLE COURSE

CHEM 2CH Honors Genl Chemistry (5) NO COMPARABLE COURSE

CHEM 2CH HONORS GENL CHEMISTRY (5) NO COMPARABLE COURSE

CHEM 2CH HONORS GENL CHEMISTRY (5) NO COMPARABLE COURSE

CHEM 2CH HONORS GENL CHEMISTRY (5) NO COMPARABLE COURSE

CHEM 2CH HONORS GENL CHEMISTRY (6) NO COMPARABLE COURSE

CHEM 2CH HONORS GENL CHEMISTRY (6) NO COMPARABLE COURSE

CHEM 2CH HONORS GENL CHEMISTRY (6) NO COMPARABLE COURSE

CHEM 2CH HONORS GENL CHEMISTRY (6) NO COMPARABLE COURSE

CHEM 2CH HONORS GENL CHEMISTRY (6) NO COMPARABLE COURSE

CHEM 2CH HONORS GENL CHEMISTRY (6) NO COMPARABLE COURSE

CHEM 2CH HONORS GENL CHEMISTRY (6) NO COMPARABLE COURSE

CHEM 1B GENERAL CHEMISTRY (6) NO COMPARABLE COURSE

CHEM 2CH HONORS GENL CHEMISTRY (6) NO COMPARABLE COURSE

CHEM 2CH HONORS GENL CHEMISTRY (6) NO COMPARABLE COURSE

CHEM 2CH HONORS GENL CHEMISTRY (6) NO COMPARABLE COURSE

CHEM 2CH HONORS GENL CHEMISTRY (6) NO COMPARABLE COURSE

CHEM 2CH HONORS GENL CHEMISTRY (6) NO COMPARABLE COURSE

CHEM 2CH HONORS GENL CHEMISTRY (6) NO COMPARABLE COURSE

CHEM 2CH HONORS GENL CHEMISTRY (6) NO COMPARABLE COURSE

CHEM 2CH HONORS GENL CHEMISTRY (6) NO COMPARABLE COURSE

CHEM 2CH HONORS GENL CHEMISTRY (6) NO COMPARABLE COURSE

CHEM 2CH HONORS GENL CHEMISTRY (6) NO COMPARABLE COURSE

CHEM 2CH HONORS GENL CHEMISTRY (6) NO COMPARABLE COURSE

CHEM 2CH HONORS GENL CHEMISTRY (6) NO COMPARABLE COURSE

CHE

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

physics.									
	_	OR						OR	
c) PHYSICS	9A	Classical	Physics	(5)	PHYS	4A	<u>&</u>		(4)
						4.5		and Engineers	(1)
					PHYS	4B	òε	-	(4)
						40		and Engineers	(1)
					PHYS	4C		Physics for Scientists	(4)
a) DIMOTOC	ΩD	Classisal	Dhraiga	/ E \		17		and Engineers Physics for Scientists	(4)
c) PHYSICS	96	Classical	PHYSICS	(5)	PHYS	4A	<u>«</u>	and Engineers	(4)
					 PHYS	4 B	2-		(4)
						TD	<u>a.</u>	and Engineers	(=)
					 PHYS	4C		Physics for Scientists	(4)
						10		and Engineers	(- /
c) PHYSICS	9C	Classical	Physics	(5)	PHYS	4A	&	_	(4)
,				(-,			=	and Engineers	(- /
					PHYS	4B	&		(4)
							_	and Engineers	, ,
					PHYS	4C		Physics for Scientists	(4)
					İ			and Engineers	
					· 				
MATH 16A	Short	Calculus		(3)	MATH	5A		Math Analysis I	(5)
MATH 16B	Short	Calculus		(3)	MATH	5B			(4)
MATH 16C	Short	Calculus		(3)	MATH	5B		Math Analysis II	(4)
		OR						OR	
MATH 17A	Calcu	lus for Bi	oSci	(4)				ARTICULATED: College has	
								course(s) for articulation	
MATH 17B	Calcu	lus for Bi	osci	(4)				ARTICULATED: College has	
					subm:	itte		course(s) for articulation	on
			- I		i				
MATH 17C	Calcu	lus for Bi	oSci	(4)				ARTICULATED: College has	
MATH 17C	Calcu		oSci	(4)				<pre>course(s) for articulati</pre>	
		OR	oSci		subm: 	itte	ed	course(s) for articulation	on
MATH 21A	Calcu	OR lus	oSci	(4)	subm: MATH	itte 5A	ed	course(s) for articulation OR Math Analysis I	on (5)
MATH 21A MATH 21B	Calcu Calcu	OR lus lus	oSci	(4)	subm: MATH MATH	itte 5A 5B	ed	course(s) for articulation OR Math Analysis I Math Analysis II	on (5) (4)
MATH 21A	Calcu	OR lus lus	oSci	(4)	subm: MATH MATH	itte 5A 5B	ed	course(s) for articulation OR Math Analysis I	on (5)
MATH 21A MATH 21B MATH 21C	Calcu Calcu Calcu	OR lus lus lus		(4) (4) (4)	subm: MATH MATH MATH	5A 5B 6	ed	course(s) for articulation OR Math Analysis I Math Analysis II Math Analysis III	(5) (4) (5)
MATH 21A MATH 21B	Calcu Calcu Calcu Int	OR lus lus lus 		(4) (4) (4)	subm: MATH MATH MATH	5A 5B 6	ed	course(s) for articulation OR Math Analysis I Math Analysis II Math Analysis III Biology for Science	on (5) (4)
MATH 21A MATH 21B MATH 21CBIOLSCI 2A	Calcu Calcu Calcu Int Ear	OR lus lus ro Biology th	 :Life on	(4) (4) (4) 	Submi MATH MATH MATH BIOL	5A 5B 6	ed 	course(s) for articulation OR Math Analysis I Math Analysis II Math Analysis III Biology for Science Majors I	(5) (4) (5) (5)
MATH 21A MATH 21B MATH 21C	Calcu Calcu Calcu Int Ear Int	OR lus lus lus ro Biology th ro Biology	 :Life on : Ecology	(4) (4) (4) (5)	Submi MATH MATH MATH BIOL BIOL BIOL	5A 5B 6 	ed A	course(s) for articulation OR Math Analysis I Math Analysis III Math Analysis III Biology for Science Majors I Biology for Science	(5) (4) (5)
MATH 21A MATH 21B MATH 21CBIOLSCI 2A	Calcu Calcu Calcu Int Ear Int	OR lus lus lus ro Biology th ro Biology	 :Life on	(4) (4) (4) (5)	subm: MATH MATH MATH BIOL BIOL	5A 5B 6 	ed A A &	course(s) for articulation OR Math Analysis I Math Analysis III Math Analysis III Biology for Science Majors I Biology for Science Majors I Majors I	(5) (4) (5) (5)
MATH 21A MATH 21B MATH 21CBIOLSCI 2A	Calcu Calcu Calcu Int Ear Int	OR lus lus lus ro Biology th ro Biology	 :Life on : Ecology	(4) (4) (4) (5)	Submi MATH MATH MATH BIOL BIOL BIOL	5A 5B 6 	ed A A &	course(s) for articulation OR Math Analysis I Math Analysis III Math Analysis III Biology for Science Majors I Biology for Science Majors I Biology for Science Majors I Biology for Science	(5) (4) (5) (5)
MATH 21A MATH 21B MATH 21CBIOLSCI 2A	Calcu Calcu Calcu Int Ear Int	OR lus lus lus ro Biology th ro Biology	 :Life on : Ecology	(4) (4) (4) (5)	subm: MATH MATH MATH BIOL BIOL	5A 5B 6 	ed A A &	course(s) for articulation OR Math Analysis I Math Analysis III Math Analysis III Biology for Science Majors I Biology for Science Majors I Majors I	(5) (4) (5) (5)
MATH 21A MATH 21B MATH 21CBIOLSCI 2A BIOLSCI 2B	Calcu Calcu Calcu Int Ear Int & E	OR lus lus lus ro Biology th ro Biology volution OR	 :Life on : Ecology	(4) (4) (4) (5)	subm: MATH MATH MATH BIOL BIOL BIOL	5A 5B 6 112 112	ed A A §	course(s) for articulation OR Math Analysis I Math Analysis III Math Analysis III Biology for Science Majors I Biology for Science Majors I Biology for Science Majors I Biology for Science Majors I Biology for Science Majors II OR	(5) (4) (5) (5) (5)
MATH 21A MATH 21B MATH 21CBIOLSCI 2A BIOLSCI 2B	Calcu Calcu Calcu Int Ear Int & E	OR lus lus lus ro Biology th ro Biology volution OR ro Biology	 :Life on : Ecology	(4) (4) (4) (5) (5)	subm: MATH MATH MATH BIOL BIOL BIOL	5A 5B 6 112 112	ed A A <u>&</u> B	course(s) for articulation OR Math Analysis I Math Analysis III Math Analysis III Biology for Science Majors I Biology for Science Majors I Biology for Science Majors I Biology for Science Majors I Biology for Science Majors II	(5) (4) (5) (5) (5)
MATH 21A MATH 21B MATH 21CBIOLSCI 2A BIOLSCI 2B	Calcu Calcu Calcu Int Ear Int & E	OR lus lus lus ro Biology th ro Biology volution OR ro Biology	 :Life on : Ecology	(4) (4) (4) (5) (5)	subm: MATH MATH MATH BIOL BIOL BIOL	5A 5B 6 112 112	ed A A <u>&</u> B	course(s) for articulation OR Math Analysis I Math Analysis III Math Analysis III Biology for Science Majors I Biology for Science Majors I Biology for Science Majors II OR Biology for Science	(5) (4) (5) (5) (5)
MATH 21A MATH 21B MATH 21CBIOLSCI 2A BIOLSCI 2B	Calcu Calcu Calcu Int Ear Int & E	OR lus lus ro Biology th ro Biology volution OR ro Biology diversity Life	:: Ecology :: Ecology :: & the Tree	(4) (4) (4) (5) (5)	subm: MATH MATH BIOL BIOL BIOL BIOL	5A 5B 6 112 111	ed A B B	Course(s) for articulation OR Math Analysis I Math Analysis III Math Analysis III Biology for Science Majors I Biology for Science Majors I Biology for Science Majors II OR Biology for Science Majors III OR Biology for Science Majors III OR Biology for Science Majors III	(5) (4) (5) (5) (5) (5)
MATH 21A MATH 21B MATH 21C BIOLSCI 2A BIOLSCI 2B BIOLSCI 2C STATIST 13	Calcu Calcu Calcu Int Ear Int & E	OR lus lus ro Biology th ro Biology volution OR ro Biology diversity Life	:: Ecology :: Ecology :: & the Tree	(4) (4) (4) (5) (5)	subm: MATH MATH BIOL BIOL BIOL BIOL	5A 5B 6 112 111	ed A B B	course(s) for articulation OR Math Analysis I Math Analysis III Math Analysis III Biology for Science Majors I Biology for Science Majors I Biology for Science Majors II OR Biology for Science	(5) (4) (5) (5) (5) (5)
MATH 21A MATH 21B MATH 21CBIOLSCI 2A BIOLSCI 2B	Calcu Calcu Calcu Int Ear Int & E	OR lus lus ro Biology th ro Biology volution OR ro Biology diversity Life	:: Ecology :: Ecology :: & the Tree	(4) (4) (4) (5) (5)	subm: MATH MATH BIOL BIOL BIOL BIOL BIOL BIOL	5A 5B 6 112 111 111 111	ed A B B	Course(s) for articulation OR Math Analysis I Math Analysis III Math Analysis III Biology for Science Majors I Biology for Science Majors I Biology for Science Majors II OR Biology for Science Majors III OR Biology for Science Majors III OR Biology for Science Majors III OR Biology for Science Majors II	(5) (4) (5) (5) (5) (5)
MATH 21A MATH 21B MATH 21C BIOLSCI 2A BIOLSCI 2B BIOLSCI 2C STATIST 13	Calcu Calcu Calcu Int Ear Int & E	OR lus lus ro Biology th ro Biology volution OR ro Biology diversity Life mentary St ST 13Y	:: Ecology :: Ecology :: & the Tree	(4) (4) (4) (5) (5)	subm: MATH MATH BIOL BIOL BIOL BIOL BIOL BIOL	5A 5B 6 112 111 111 111	ed A B B	course(s) for articulation OR Math Analysis I Math Analysis III Math Analysis III Biology for Science Majors I Biology for Science Majors I Biology for Science Majors II OR Biology for Science Majors III OR Biology for Science Majors III Elementary Statistics	(5) (4) (5) (5) (5) (5)
MATH 21A MATH 21B MATH 21CBIOLSCI 2A BIOLSCI 2B BIOLSCI 2C STATIST 13 Same as:	Calcu Calcu Calcu Int Ear Int & E	OR lus lus ro Biology th ro Biology volution OR ro Biology diversity Life mentary St ST 13Y OR	: :Life on :: Ecology :: & the Tree atistics	(4) (4) (4) (5) (5)	subm: MATH MATH MATH BIOL BIOL BIOL BIOL BIOL BIOL STAT	5A 5B 6 112 111 111 11 2 7	ed A B	course(s) for articulation OR Math Analysis I Math Analysis III Math Analysis III Biology for Science Majors I Biology for Science Majors II Biology for Science Majors II OR Biology for Science Majors II OR Elementary Statistics OR	(5) (4) (5) (5) (5) (5)
MATH 21A MATH 21B MATH 21CBIOLSCI 2A BIOLSCI 2B BIOLSCI 2C STATIST 13 Same as:	Calcu Calcu Calcu Int Ear Int & E Int Bio of Ele STATI	OR lus lus lus ro Biology th ro Biology volution OR ro Biology diversity Life mentary St ST 13Y OR ay to Data	Life on Ecology the the Tree atistics	(4) (4) (4) (5) (5)	subm: MATH MATH MATH BIOL BIOL BIOL BIOL BIOL BIOL STAT	5A 5B 6 112 111 111 11 2 7	ed A B	Course(s) for articulation OR Math Analysis I Math Analysis III Math Analysis III Biology for Science Majors I Biology for Science Majors I Biology for Science Majors II OR Biology for Science Majors III OR Biology for Science Majors III OR Biology for Science Majors III OR Biology for Science Majors III Elementary Statistics OR ABLE COURSE	(5) (4) (5) (5) (5) (5) (5)
MATH 21A MATH 21B MATH 21CBIOLSCI 2A BIOLSCI 2B BIOLSCI 2C STATIST 13 Same as:	Calcu Calcu Calcu Int Ear Int & E Int Bio of Ele STATI Gatew	OR lus lus lus ro Biology th ro Biology volution OR ro Biology diversity Life mentary St ST 13Y OR ay to Data	:Life on :Ecology : & the Treeatistics	(4) (4) (5) (5)	Subm: MATH MATH MATH BIOL BIOL BIOL BIOL BIOL STAT NO CO	5A 5B 6 112 111 111 111 2 7	ed A B B	Course(s) for articulation OR Math Analysis I Math Analysis III Math Analysis III Biology for Science Majors I Biology for Science Majors II Biology for Science Majors II OR Biology for Science Majors III OR Biology for Science Majors III OR Biology for Science Majors III OR Biology for Science Majors III CR Biology for Science Majors II Elementary Statistics OR ABLE COURSE	(5) (4) (5) (5) (5) (5) (5) (4)
MATH 21A MATH 21B MATH 21CBIOLSCI 2A BIOLSCI 2B BIOLSCI 2C STATIST 13 Same as:	Calcu Calcu Calcu Int Ear Int & E Int Bio of Ele STATI Gatew	OR lus lus lus ro Biology th ro Biology volution OR ro Biology diversity Life mentary St ST 13Y OR ay to Data	:Life on :Ecology : & the Treeatistics	(4) (4) (5) (5)	Subm: MATH MATH MATH BIOL BIOL BIOL BIOL BIOL DION BIOL DION BIOL CION CION CHEM	5A 5B 6 112 111 111 111 111 7	ed AA & B ARA AA &	Course(s) for articulation OR Math Analysis I Math Analysis III Math Analysis III Biology for Science Majors I Biology for Science Majors II OR Biology for Science Majors III OR Biology for Science Majors III OR Biology for Science Majors III OR Biology for Science Majors III OR Biology for Science Majors III COR Biology for Science Majors III COR Biology for Science Majors III COR Biology for Science Majors II Corganic Chemistry I	(5) (4) (5) (5) (5) (5) (5) (4)
MATH 21A MATH 21B MATH 21CBIOLSCI 2A BIOLSCI 2B BIOLSCI 2C STATIST 13 Same as:	Calcu Calcu Calcu Int Ear Int & E Int Bio of Ele STATI Gatew	OR lus lus lus ro Biology th ro Biology volution OR ro Biology diversity Life mentary St ST 13Y OR ay to Data	:Life on :Ecology : & the Treeatistics	(4) (4) (5) (5)	Subm: MATH MATH MATH BIOL BIOL BIOL BIOL BIOL DION BIOL DION BIOL CION CION CHEM	5A 5B 6 112 111 111 111 111 7	ed AA & B ARA AA &	Course(s) for articulation OR Math Analysis I Math Analysis III Math Analysis III Biology for Science Majors I Biology for Science Majors I Biology for Science Majors II OR Biology for Science Majors III OR Biology for Science Majors III OR Biology for Science Majors III OR Biology for Science Majors III COR Biology for Science Majors III OR Biology for Science Majors III Corganic Chemistry I Organic Chemistry I Organic Chemistry	(5) (4) (5) (5) (5) (5) (5) (4)
MATH 21A MATH 21B MATH 21CBIOLSCI 2A BIOLSCI 2B BIOLSCI 2C STATIST 13 Same as: STATIST 32	Calcu Calcu Calcu Int Ear Int & E Int Bio of Ele STATI Gatew Org	OR lus lus lus ro Biology th ro Biology volution OR ro Biology diversity Life mentary St ST 13Y OR ay to Data Chem, Hlth	:: Ecology :: Ecology :: & the Treeatistics : Science	(4) (4) (4) (5) (5) (5)	Subm: MATH MATH MATH BIOL BIOL BIOL BIOL BIOL OI STAT NO CO	5A 5B 6 112 111 111 111 11 282 292	ed A B B ARA A	Course(s) for articulation OR Math Analysis I Math Analysis III Math Analysis III Biology for Science Majors I Biology for Science Majors II OR Biology for Science Majors III OR Biology for Science Majors III OR Biology for Science Majors III OR Biology for Science Majors III OR Biology for Science Majors III COR Biology for Science Majors III COR Biology for Science Majors III COR Biology for Science Majors II Corganic Chemistry I	(5) (4) (5) (5) (5) (5) (5) (4)

					CHEM	29A	<u>&</u>	Organic Chemistry Laboratory I	(2)
					CHEM	28B	&	Organic Chemistry II	(3)
					CHEM	29B		Organic Chemistry	(2)
					ĺ			Laboratory II	
CHEM	118C	Org Chem	n, Hlth & Sci	(4)	CHEM	28B	<u>&</u>	Organic Chemistry II	(3)
					CHEM	29B		Organic Chemistry	(2)
								Laboratory II	
		OF	2					OR	
CHEM	128A	Organic	Chemistry	(3)	CHEM	28A		Organic Chemistry I	(3)
CHEM	128B	Organic	Chemistry	(3)	CHEM	28A	<u>&</u>	Organic Chemistry I	(3)
					CHEM	28B		Organic Chemistry II	(3)
CHEM	128C	Organic	Chemistry	(3)	CHEM	28B		Organic Chemistry II	(3)
CHEM	129A	Organic	Chem Lab	(2)	CHEM	29A		Organic Chemistry	(2)
								Laboratory I	
CHEM	129B	Organic	Chem Lab	(2)	CHEM	29A	<u>&</u>	Organic Chemistry	(2)
								Laboratory I	
					CHEM	29B		Organic Chemistry	(2)
								Laboratory II	
CHEM	129C	Organic	Chem Lab	(2)	CHEM	29B		Organic Chemistry	(2)
								Laboratory II	

END OF MAJOR

c) This articulation is "series for series" only.

====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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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) PHIL 6 Symbolic Logic (3)

AND ONE COURSE FROM ANY THREE OF THE FOLLOWING AREAS

a. GENERAL PHILOSOPHY

PHILOS 1 Intro to Philos (4) PHIL 1 Introduction to (3) Philosophy

b. ANCIENT PHILOSOPHY

PHILOS 21 Phil Classics: Ancient (4) NO COMPARABLE COURSE

c. EARLY MODERN PHILOSOPHY

PHILOS 22 Phil Classics: Modern (4) NO COMPARABLE COURSE

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)	NO COMPARABLE COURSE	
	OR		OR	
PHILOS 15	Intro to Bioethics	(4)	NO COMPARABLE COURSE	
	OR		OR	
PHILOS 24	Intro to Ethics	(4)	PHIL 1C Ethics	(3)

f. PHILOSOPHY OF SCIENCE

PHILOS 3	30	Intro Philos of Sci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
				Submitteed Course(s) for articulation
		OR		OR
PHILOS 3	31	Scientific Reason	(4)	NO COMPARABLE COURSE
		OR		OR
PHILOS 3	32	Scientific Change	(4)	NO COMPARABLE COURSE
		OR		OR
PHILOS 3	38	Intro Philos of Biol	(4)	NO COURSE ARTICULATED: College has not

q. PHILOSOPHY OF LANGUAGE

PHILOS 17	World PRE-	(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation LAW EMPHASIS OM THE FOLLOWING:
PHILOS 14 PHILOS 15 PHILOS 16	Intro to Bioethics	(4) NO COMPARABLE COURSE (4) NO COMPARABLE COURSE (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	ALL OF THE E	OLLOWING COURSES:
PHILOS 5		(4) PHIL 2 Critical Reasoning and (3) Analytic Writing
		(4) PHIL 6Symbolic Logic(3)(4) PHIL 1CEthics(3)
		ED EMPHASIS: OM THE FOLLOWING:
PHILOS 30	Intro to Ethics Intro Philos of Sci Scientific Reason	(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PHILOS 32	Scientific Change	(4) NO COMPARABLE COURSE
PHILOS 12 PHILOS 15 PHILOS 38	Intro to Symbol Logic Intro to Bioethics	OLLOWING COURSES: (4) PHIL 6 Symbolic Logic (3) (4) NO COMPARABLE COURSE (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation

END OF MAJOR

====Physics A.B.====

Special Advising Note:

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

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

Special Advising Note for future applicants:*

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

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

Strive to achieve your highest possible GPA in order to be most competitive.

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

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

*Information for future applicants is subject to change

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG 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.

c) PHYSICS 9A Classical Physics (5) PHYS 4A & Physics for Scientists (4) and Engineers

PHYS 4B & Physics for Scientists (4) and Engineers

PHYS 4C Physics for Scientists (4) and Engineers

PHYS 4C Physics for Scientists (4) and Engineers

PHYS 4A & Physics for Scientists (4) and Engineers

PHYS 4B & Physics for Scientists (4) and Engineers

PHYS 4B & Physics for Scientists (4) and Engineers

PHYS 4C Physics for Scientists (4) and Engineers

c) PHYSICS	9C Classical Physics	(5)	PHYS 4A & Physics for Scientists (4) and Engineers
			PHYS 4B & Physics for Scientists (4)
			and Engineers
			PHYS 4C Physics for Scientists (4)
			and Engineers
PHYSICS 9D	Modern Physics	(4)	NO COMPARABLE COURSE
	OR		OR
PHYSICS 9HA	Honors Physics	(5)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
PHYSICS 9HB	Honors Physics	(5)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
PHYSICS 9HC	Honors Physics	(5)	NO COURSE ARTICULATED: College has not
DIIIIATAA OIID	77	(=)	submitted course(s) for articulation
PHYSICS 9HD	Honors Physics	(5)	NO COURSE ARTICULATED: College has not
DUVCTCC QUE	Honors Physics	(5)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not
PHIBICS JHE	HOHOLS PHYSICS	(3)	submitted course(s) for articulation
MATH 21A	Calculus	(4)	MATH 5A Math Analysis I (5)
MATH 21B	Calculus	(4)	MATH 5B Math Analysis II (4)
MATH 21C	Calculus	(4)	MATH 6 Math Analysis III (5)
MATH 21D	Vector Analysis	. ,	MATH 6 Math Analysis III (5)
MATH 22A	Linear Algebra	(3)	MATH 17 Differential Equations (5)
			and Linear Algebra
MATH 22B	Differntl Equations	(3)	MATH 17 Differential Equations (5)
			and Linear Algebra
חשעפופפ 00	Experimental Techniques	(1)	NO COIDER ADTICII ATED
FUIDICS 00	Experimental recinitques	(4)	COURSE ARTICULATED

END OF MAJOR

c) This articulation is "series for series" only.

====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.

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.

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.

c) PHYSICS 9A Classical Physics (5) PHYS 4A $\underline{\&}$ Physics for Scientists (4) and Engineers PHYS 4B & Physics for Scientists (4) and Engineers PHYS 4C Physics for Scientists (4) and Engineers c) PHYSICS 9B Classical Physics (5) PHYS 4A $\underline{\&}$ Physics for Scientists (4) and Engineers PHYS 4B & Physics for Scientists (4) and Engineers PHYS 4C Physics for Scientists (4) and Engineers (5) PHYS 4A & Physics for Scientists (4) c) PHYSICS 9C Classical Physics and Engineers PHYS 4B & Physics for Scientists (4) and Engineers

			PHYS 4C	Physics for Scientists and Engineers	(4)
PHYSICS 9D	Modern Physics	(4)	NO COMPARA	ABLE COURSE	
	OR			OR	
PHYSICS 9HA	Honors Physics	(5)	1	ARTICULATED: College has	
			!	course(s) for articulation	-
PHYSICS 9HB	Honors Physics	(5)		ARTICULATED: College has	
			!	course(s) for articulation	
PHYSICS 9HC	Honors Physics	(5)	1	ARTICULATED: College has	
			!	course(s) for articulation	
PHYSICS 9HD	Honors Physics	(5)		ARTICULATED: College has	
			!	course(s) for articulation	
PHYSICS 9HE	Honors Physics	(5)		ARTICULATED: College has	
			submitted	course(s) for articulation	on
MATH 21A	Calculus	(4)	 MATH 5A	Math Analysis I	(5)
MATH 21B	Calculus		1	Math Analysis II	(4)
MATH 21C	Calculus		MATH 6	Math Analysis III	
MATH 21D	Vector Analysis	(4)	MATH 6	Math Analysis III	(5)
MATH 22A	Linear Algebra	(3)	MATH 17	Differential Equations	(5)
			j	and Linear Algebra	
MATH 22B	Differntl Equations	(3)	MATH 17	Differential Equations	(5)
			İ	and Linear Algebra	
PHYSICS 40	Intr Physics Computation	(4)		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
PHYSICS 40			!		
11110100 00	Experimentar recinitques	(1)	COORDE	AKTICODATED	
			I		

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

$_{\mbox{\scriptsize C}})$ This articulation is "series for series" only.

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

BIOLSCI	2A	Intro Biology:Life on Earth	(5)	BIOL	11A	Biology for Science Majors I	(5)
BIOLSCI	2B	<pre>Intro Biology: Ecology & Evolution</pre>	(5)	BIOL	11A 8	<u>&</u> Biology for Science Majors I	(5)
				BIOL	11B	-	(5)
BIOLSCI	2C	Intro Biology: Biodiversity & the Tree of Life	. ,	BIOL	11B	Biology for Science Majors II	(5)
CHEM 2A CHEM 2B		nl Chemistry nl Chemistry nl Chemistry		!		-	(5) (5)
CHEM 25	Ge.	iii Chemistry	(3)	CHEM	_	-	
CHEM 8A	Or	ganic Chem-Brief	(2)			ARTICULATED: College has course(s) for articulation	
CHEM 8B	Or	ganic Chem-Brief	(4)	NO CC	URSE	ARTICULATED: College has course(s) for articulation	not
STATIST Same		Elementary Statistics FATIST 13Y	(4)	MATH OF		Elementary Statistics	(4)
				STAT	7	Elementary Statistics	(4)

RECOMMENDED COURSES:

CHEM 2C	Genl Chemistry	(5) CHEM 1B	General Chemistry and	(5)
		ĺ	Qualitative Analysis	

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 NC 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.

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 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.

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

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

available i	trom our TAG website.		
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 11A Biology for Science (5) Majors I
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	· -
			BIOL 11B Biology for Science (5) Majors II
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life		BIOL 11B Biology for Science (5) Majors II
CHEM 2A	Genl Chemistry		CHEM 1A General Chemistry (5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A & General Chemistry (5) CHEM 1B General Chemistry and (5)
CHEM 2C	Genl Chemistry	(5)	Qualitative Analysis CHEM 1B General Chemistry and (5) Qualitative Analysis
CHEM 8A	Organic Chem-Brief	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
CHEM 8B	Organic Chem-Brief	(4)	NO COURSE ARTICULATED: College has not
	OR		submitted course(s)for articulation OR
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 28A & Organic Chemistry I (3) CHEM 29A Organic Chemistry (2) Laboratory I
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 28A & Organic Chemistry I (3) CHEM 29A & Organic Chemistry (2) Laboratory I
			CHEM 28B & Organic Chemistry II (3) CHEM 29B Organic Chemistry (2)
CHEM 118C	Org Chem, Hlth & Sci	(4)	Laboratory II CHEM 28B & Organic Chemistry II (3) CHEM 29B Organic Chemistry (2) Laboratory II
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
MATH 17C	Calculus for BioSci OR	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation OR
MATH 21A MATH 21B	Calculus Calculus		MATH 5A Math Analysis I (5) MATH 5B Math Analysis II (4)

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

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

RECOMMENDED COURSES:

BIOLSCI 20Q	Modeling in Biology	(2)	NO C	COURSE	ARTI	CULATED: (College	has not
			subm	nitted	cours	se(s) for	articul	ation
MATH 21C	Calculus	(4)	MATH	1 б	Math	Analysis	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 enrollment.

Transfer Admission Guarantee (TAG) Note:

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

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

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

English Composition Requirement for the Bachelor's Degree:

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

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

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

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

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 11A	Biology for Science (5) Majors I
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	 BIOL 11A <u> </u> 	3
			BIOL 11B	Biology for Science (5) Majors II
PL SCI 2	Bot Physio Cul Plt	(4)	!	ARTICULATED: College has not course(s)for articulation
CHEM 2A CHEM 2B	Genl Chemistry Genl Chemistry	. ,	CHEM 1A CHEM 1A & CHEM 1B	General Chemistry (5) General Chemistry (5) General Chemistry and (5) Qualitative Analysis
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	
CHEM 8A	Organic Chem-Brief	(2)	!	ARTICULATED: College has not course(s)for articulation
CHEM 8B	Organic Chem-Brief	(4)	NO COURSE	ARTICULATED: College has not course(s) for articulation
	OR		İ	OR

CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 28A & Organic Chemistry I (3) CHEM 29A Organic Chemistry (2) Laboratory I
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 28A & Organic Chemistry I (3) CHEM 29A & Organic Chemistry (2) Laboratory I
			CHEM 28B & Organic Chemistry II (3) CHEM 29B Organic Chemistry (2) Laboratory II
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 28B & Organic Chemistry II (3) CHEM 29B Organic Chemistry (2) Laboratory II
MATH 16A	Short Calculus	(3)	MATH 5A Math Analysis I (5)
MATH 16B	Short Calculus OR	(3)	MATH 5B Math Analysis II (4)
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 PHYSICS 1B	Principles Physics Principles Physics		NO COMPARABLE COURSE
	OR		OR
PHYSICS 7A	General Physics	(4)	PHYS 2A
PHYSICS 7B	General Physics	(4)	PHYS 2A $\underline{\&}$ General Physics I (4)
PHYSICS 7C	General Physics	(4)	PHYS 2B General Physics II (4) PHYS 2A & General Physics I (4)
Tt is highl	v recommended that student	- g - g Oi	PHYS 2B General Physics II (4) mplete an entire physics series at
their commu series befo	nity college that is equivre transferring. Students	valen who	t to the entire UC Davis Physics 7A/B/C transfer without completing an entire physics courses upon arrival at UC
Davis, and physics.	will need to meet with a T	JC Da [·]	vis advisor before continuing with
ABIOSYT 49	Fld Equip Oper OR	(2)	NO COMPARABLE COURSE 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 1B Principles of (3) Microeconomics

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

END OF MAJOR

====Political Science - Public Service A.B.====

Special Advising Note:

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

______ POL SCI 1 Amer Natl Govt (4) | POLSCI 2 American Government

THREE COURSES FROM THE FOLLOWING:

POL SCI	2	Intro Comp Politics	(4)	POI	JSCI	5	Comparative Government	(3)
POL SCI	3	Internatl Relations	(4)	POI	JSCI	24	International	(3)
				ĺ			Relations	
POL SCI	4	Bas Cnpt/Pol Thry	(4)	NO	COMI	PARABI	LE COURSE	
POL SCI	5	Probs/Am Pol Sys	(4)	NO	COMI	PARABI	LE COURSE	
POL SCI	7	Law & Politics	(4)	NO	COMI	PARABI	LE COURSE	
POL SCI	51	Scientific Study of Politics	(4)				RTICULATED: College has	

ONE COURSE FROM THE FOLLOWING:

POL SCI 12Y Data Visualization (4) NO COURSE ARTICULATED: College has not Same as: COMUNCN 12Y, PSYCH 12Y submitted course(s) for articulation

SOCIOL 12Y STATIST 13 Elementary Statistics (4) | MATH 11 Elementary Statistics (4) Same as: STATIST 13Y OR

STAT 7 Elementary Statistics (4) STATIST 32 Gateway to Data Science (4) NO COMPARABLE COURSE

END OF MAJOR

====Political Science A.B.====

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG 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) POLSCI 2 American Government (3) POL SCI 2 Intro Comp Politics (4) POLSCI 5 Comparative Government (3) POL SCI 3 Internatl Relations (4) POLSCI 24 International (3) Relations POL SCI 4 Bas Cnpt/Pol Thry (4) NO COMPARABLE COURSE ONE COURSE FROM THE FOLLOWING:

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

POL SCI 1	Amer Natl Govt	(4) POLSCI 2	American Government	(3)
POL SCI 2	Intro Comp Politics	(4) POLSCI 5	Comparative Government	(3)
POL SCI 3	Internatl Relations	(4) POLSCI 24	International	(3)

				Relations
POL SCI	4	Bas Cnpt/Pol Thry	(4)	NO COMPARABLE COURSE
POL SCI	5	Probs/Am Pol Sys	(4)	NO COMPARABLE COURSE
POL SCI	7	Law & Politics	(4)	NO COMPARABLE COURSE
POL SCI	11A	America Decides	(4)	NO COURSE ARTICULATED: College has not
				submitted course(s)for articulation
POL SCI	11B	Citizen Lawmaking	(4)	NO COURSE ARTICULATED: College has not
				submitted course(s)for articulation
POL SCI	11C	Politics & Film	(4)	NO COURSE ARTICULATED: College has not
				submitted course(s)for articulation
POL SCI	11D	Political Persuasion	(4)	NO COURSE ARTICULATED: College has not
				submitted course(s)for articulation
POL SCI	12A	Politics & Sports	(4)	NO COURSE ARTICULATED: College has not
				submitted course(s)for articulation
POL SCI	12B	Climate Chg & Politics	(4)
POL SCI	51	Scientific Study of	(4)	NO COURSE ARTICULATED: College has not
		Politics		submitted course(s) for articulation
				NO COURSE ARTICULATED: College has not
Same		·	bmit	ted course(s)for articulation
	SOC	IOL 12Y		
		OR		OR
			(4)	MATH 11 Elementary Statistics (4)
Same	as:	STATIST 13Y		<u>OR</u>
				STAT 7 Elementary Statistics (4)
		OR		OR
		Gateway to Data Science	(4)	NO COMPARABLE COURSE
END OF 1	MAJOR			

====Psychology A.B.====

Special Advising Note:

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.90 for the course group. It is recommended that candidates have a cumulative GPA of at least 2.90 for courses in the group below that have been completed by the time of application and maintain the GPA through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

```
Psychology 1;
Statistics 13;
One of these two options:
Biological Sciences 2A,

or
*Biological Sciences 10 and one course from:
Anthropology 1 or
Molecular and Cellular Biology 10 or
Neurobiology, Physiology and Behavior 10
```

Applicants to psychology apply to the major, without reference to A.B. or B.S. degrees or emphases, which are chosen after enrollment at UC Davis. Transfer students are advised that although requirements for admission (listed above) in the psychology major are the same for the A.B. and B.S. degree options, lower-division preparation for graduation in the major may vary based on the degree and emphasis. Students are encouraged to view coursework for the A.B. degree and the B.S. degree with available biological and quantitative emphases.

Although not required for admission selection to the psychology major, it is highly recommended that students planning for a B.S. degree in psychology complete courses comparable to the UC Davis chemistry courses that apply to the student's degree and emphasis before enrolling at UC Davis.

*Students planning for a B.S. degree in psychology with biological emphasis are encouraged to complete Biological Sciences 2A rather than Biological Sciences 10. Also, although only one biological sciences course is required for admission, students interested in pursuing a B.S. degree with biological emphasis are encouraged to complete the recommended courses shown on ASSIST.

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

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

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG 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.

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

avallable l	rom our lag website.			
PSYCH 1	General Psychology	(4) PSY 2 OR	General Psychology	(3)
		PSY 2H	Honors General	(3)
DOVOU 41	Research Methods	(4) PSY 45	Psychology Introduction to Research	(2)
PSICH 41	Research Methods	(4) PS1 45	Methods in Psychology	(3)
STATIST 13 Same as:	Elementary Statistics STATIST 13Y	(4) MATH 11 OR	Elementary Statistics	(4)
		STAT 7	Elementary Statistics	(4)
BIOLSCI 2A	Intro Biology:Life on Earth	(5) BIOL 11A	Biology for Science Majors I	(5)
	OR A COM	SINATION OF		
BIOLSCI 10	Everyday Biology	(4) BIOL 3	Introduction to Life Science	(4)
	AND ONE	OURSE FROM		
ANTHRO 1	Human Evol Biol	(4) ANTHRO 1	Biological Anthropology	(3)
	OR		OR	
MOL&CB 10	Intro Human Heredity OR	(4) NO COMPA	RABLE COURSE OR	
NE PH B 10 END OF MAJO	Elem Human Physio	(3) BIOL 22	Human Physiology	(5)

====Psychology B.S. (Biological)====

Special Advising Note:

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.90 for the course group. It is recommended that candidates have a cumulative GPA of at least 2.90 for courses in the group below that have been completed by the time of application and maintain the GPA through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

Psychology 1; Statistics 13; One of these two options: Biological Sciences 2A,

*Biological Sciences 10 and one course from: Anthropology 1 or Molecular and Cellular Biology 10 or Neurobiology, Physiology and Behavior 10

Applicants to psychology apply to the major, without reference to A.B. or B.S. degrees or emphases, which are chosen after enrollment at UC Davis. Transfer students are advised that although requirements for admission (listed above) in the psychology major are the same for the A.B. and B.S. degree options, lower-division preparation for graduation in the major may vary based on the degree and emphasis. Students are encouraged to view coursework for the A.B. degree and the B.S. degree with available biological and quantitative emphases.

Although not required for admission selection to the psychology major, it is highly recommended that students planning for a B.S. degree in psychology complete courses comparable to the UC Davis chemistry courses that apply to the student's degree and emphasis before enrolling at UC Davis.

*Students planning for a B.S. degree in psychology with biological emphasis are encouraged to complete Biological Sciences 2A rather than Biological Sciences 10. Also, although only one biological sciences course is required for admission, students interested in pursuing a B.S. degree with biological emphasis are encouraged to complete the recommended courses shown on ASSIST.

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

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

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG 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
--	-----------	------	-----	-----	---------

PSYCH 1 General Psychology		110 001 1110		
PSYCH 41 Research Methods A PSY 45 Psychology Psychology PSY 45 Psychology Psych	PSYCH 1	General Psychology	(4)	
PSYCH 41 Research Methods				PSY 2H Honors General (3)
Same as: STATIST 13Y OR STAT 7 Elementary Statistics (4)	PSYCH 41	Research Methods	(4)	PSY 45 Introduction to Research (3)
MATH 16A Short Calculus (3) MATH 5A Math Analysis I (5) MATH 16B Short Calculus (3) MATH 5B Math Analysis II (4) OR OR OR MATH 17A Calculus for BioSci (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation submitted course(s) for articulation with MATH 17B Calculus for BioSci (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation or OR OR OR OR OR OR OR OR OR OR OR OR OR			(4)	
MATH 16B				· —
MATH 16B	MATH 16A	Short Calculus	(3)	MATH 5A Math Analysis I (5)
MATH 17B Calculus for Biosci (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation OR MATH 21A Calculus (4) MATH 5B MATH Analysis I (5) MATH 21B Calculus (4) MATH 5B MATH Analysis II (4) PHYSICS 10 Topics,Nonscientists (4) PHYS 10 Conceptual Physics (4) OR OR OR PHYSICS 10C Physics of California (3) NO COURSE ARTICULATED: College has not submitted course(s) for articulation OR PHYSICS 7A General Physics (4) PHYS 10 Conceptual Physics (4) OR OR PHYSICS 7B General Physics (4) PHYS 2B General Physics I (4) PHYS 2B	МАТН 16В			MATH 5B Math Analysis II (4)
MATH 17B Calculus for Biosci OR MATH 21A Calculus (4) MATH 5A MATH Analysis I (5) MATH 21B Calculus (4) MATH 5B MATH Analysis II (5) MATH 5B MATH Analysis II (4) MATH 5A Ge	MATH 17A	Calculus for BioSci	(4)	1
MATH 21A Calculus (4) MATH 5A Math Analysis I (5) MATH 21B Calculus (4) MATH 5A Math Analysis II (4) PHYSICS 10 Topics, Nonscientists (4) PHYS 10 Conceptual Physics (4) OR PHYSICS 10C Physics of California (3) NO COURSE ARTICULATED: College has not submitted course(s) for articulation OR PHYSICS 7A General Physics (4) PHYS 2A & General Physics I (4) PHYS 2B General Physics II (4) PHYS 2B General	МАТН 17В		(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 21B Calculus (4) MATH 5B Math Analysis II (4) PHYSICS 10 Topics, Nonscientists (4) PHYS 10 Conceptual Physics (4) PHYSICS 10C Physics of California (3) NO COURSE ARTICULATED: College has not submitted course(s) for articulation OR PHYSICS 7A General Physics (4) PHYS 2A & General Physics I (4) PHYSICS 7B General Physics (4) PHYS 2B General Physics II (4) PHYSICS 7B General Physics (4) PHYS 2B General Physics II (4) PHYS 2B General P	MATH 21A	-	(4)	1
OR PHYSICS 10C Physics of California (3) NO COURSE ARTICULATED: College has not submitted course(s) for articulation OR PHYSICS 7A General Physics (4) PHYS 2A & General Physics I (4) PHYS 1CS 7B General Physics (4) PHYS 2B General Physics I (4) PHYS 1CS 7B General Physics (4) PHYS 2B General Physics I (4) PHYS 1CS 7B General Physics I (4) PHYS 2B General Physics I (4) PHYS 2B General Physics I (4) PHYS 2B General Physics I (4) PHYS 2B General Physics I (4) PHYS 2B General Physics I (4) PHYS 2B General Physics II (4) PHYS		Calculus		
OR PHYSICS 7A General Physics (4) PHYS 2A & General Physics I (4) PHYSICS 7B General Physics (4) PHYS 2B General Physics II (4) PHYSICS 7B General Physics (4) PHYS 2B General Physics II (4) PHYSICS 7B General Physics (4) PHYS 2B General Physics II (4) It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics. BIOLSCI 2A Intro Biology: Life on (5) BIOL 11A Biology for Science (5) Earth BIOLSCI 2B Intro Biology: Ecology (5) BIOL 11A Biology for Science (5) Agiors I BIOLSCI 2B Intro Biology: (5) BIOL 11B Biology for Science (5) Majors I BIOLSCI 2C Intro Biology: (5) BIOL 11B Biology for Science (5) Majors II BIOLSCI 2C Intro Biology: (5) BIOL 11B Biology for Science (5) Majors II CHEM 2A Genl Chemistry (5) CHEM 1A General Chemistry (5) CHEM 1B General Chemistry (6) CHEM 1B General Chemistry (7) CH	PHYSICS 10	-	(4)	
PHYSICS 7A General Physics (4) PHYS 2A & General Physics I (4) PHYS 2B General Physics II (4)	PHYSICS 100	-	(3)	submitted course(s)for articulation
PHYSICS 7B General Physics (4) PHYS 2A & General Physics I (4) PHYS 2B General Physics I (4) PHYS 2B General Physics I (4) It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics. BIOLSCI 2A Intro Biology: Life on (5) BIOL 11A Biology for Science (5) Earth Majors I BioL 11B Biology for Science (5) Majors I BIOLSCI 2B Intro Biology: Ecology (5) BIOL 11B Biology for Science (5) Majors II BioLycia II Biology for Science (5) Majors II Biology for Science (5) Majors II Biology for Science (5) Majors II Biology for Science (5) Majors II General Chemistry (5) CHEM 1B General Chemistry (6) CHEM 1B General Chemistry (7) CHEM	PHYSICS 7A		(4)	
PHYS 2B General Physics II (4) It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics. BIOLSCI 2A				PHYS 2B General Physics II (4)
It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics. BIOLSCI 2A Intro Biology: Life on (5) BIOL 11A Biology for Science (5) Earth Majors I BIOLSCI 2B Intro Biology: Ecology (5) BIOL 11A Biology for Science (5) & Evolution Majors I BIOL 11B Biology for Science (5) Majors II BIOLSCI 2C Intro Biology: (5) BIOL 11B Biology for Science (5) Biodiversity & the Tree of Life Majors II CHEM 2A Genl Chemistry (5) CHEM 1A General Chemistry (5) CHEM 1B General Chemistry (5) CHEM 1B General Chemistry (5) CHEM 1B General Chemistry (5) CHEM 1B General Chemistry (5) CHEM 1B General Chemistry and (5) Qualitative Analysis CHEM 8A Organic Chem-Brief (2) NO COURSE ARTICULATED: College has not submitted course(s) for articulation CHEM 8B Organic Chem-Brief (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation OR CHEM 118A Org Chem, Hlth & Sci (4) CHEM 28A & Organic Chemistry I (3) CHEM 29A Organic Chemistry I (3)	PHYSICS 7B	General Physics	(4)	
Earth BIOLSCI 2B Intro Biology: Ecology (5) BIOL 11A & Biology for Science (5) & Evolution	their commuseries before series may Davis, and	unity college that is equiva ore transferring. Students we be required to take addition	alent who tonal	t to the entire UC Davis Physics 7A/B/C transfer without completing an entire physics courses upon arrival at UC
& Evolution BIOL 11B Biology for Science (5) Majors I	BIOLSCI 2A		(5)	
BIOLSCI 2C Intro Biology: (5) BIOL 11B Biology for Science (5) Biodiversity & the Tree of Life CHEM 2A Genl Chemistry (5) CHEM 1A General Chemistry (5) CHEM 2B Genl Chemistry (5) CHEM 1A General Chemistry (5) CHEM 1B General Chemistry and (5) CHEM 1B General Chemistry and (5) Qualitative Analysis CHEM 8A Organic Chem-Brief (2) NO COURSE ARTICULATED: College has not submitted course(s) for articulation CHEM 8B Organic Chem-Brief (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation OR CHEM 118A Org Chem, Hlth & Sci (4) CHEM 28A & Organic Chemistry I (3) CHEM 29A Organic Chemistry (2)	BIOLSCI 2B		(5)	:
Biodiversity & the Tree of Life CHEM 2A Genl Chemistry (5) CHEM 1A General Chemistry (5) CHEM 1B General Chemistry (5) CHEM 1B General Chemistry and (5) CHEM 1B General Chemistry and (5) Qualitative Analysis CHEM 8A Organic Chem-Brief (2) NO COURSE ARTICULATED: College has not submitted course(s) for articulation CHEM 8B Organic Chem-Brief (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation OR OR CHEM 118A Org Chem, Hlth & Sci (4) CHEM 28A & Organic Chemistry I (3) CHEM 29A Organic Chemistry I (2)				
CHEM 8A Organic Chem-Brief (2) NO COURSE ARTICULATED: College has not submitted course(s) for articulation CHEM 8B Organic Chem-Brief (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation OR OR CHEM 118A Org Chem, Hlth & Sci (4) CHEM 28A & Organic Chemistry I (3) CHEM 29A Organic Chemistry (2)	BIOLSCI 2C	Biodiversity & the Tree		•
CHEM 8A Organic Chem-Brief (2) NO COURSE ARTICULATED: College has not submitted course(s) for articulation CHEM 8B Organic Chem-Brief (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation OR OR CHEM 118A Org Chem, Hlth & Sci (4) CHEM 28A & Organic Chemistry I (3) CHEM 29A Organic Chemistry (2)	CHEM 2A	Genl Chemistry	(5)	CHEM 1A General Chemistry (5)
CHEM 8A Organic Chem-Brief (2) NO COURSE ARTICULATED: College has not submitted course(s) for articulation CHEM 8B Organic Chem-Brief (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation OR OR CHEM 118A Org Chem, Hlth & Sci (4) CHEM 28A & Organic Chemistry I (3) CHEM 29A Organic Chemistry (2)	CHEM 2B	Genl Chemistry	(5)	CHEM 1A & General Chemistry (5)
CHEM 8A Organic Chem-Brief (2) NO COURSE ARTICULATED: College has not submitted course(s) for articulation CHEM 8B Organic Chem-Brief (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation OR CHEM 118A Org Chem, Hlth & Sci (4) CHEM 28A & Organic Chemistry I (3) CHEM 29A Organic Chemistry (2)				Qualitative Analysis
CHEM 8B Organic Chem-Brief (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation OR CHEM 118A Org Chem, Hlth & Sci (4) CHEM 28A & Organic Chemistry I (3) CHEM 29A Organic Chemistry (2)				NO COURSE ARTICULATED: College has not
CHEM 118A Org Chem, Hlth & Sci (4) CHEM 28A & Organic Chemistry I (3) CHEM 29A Organic Chemistry (2)	CHEM 8B	Organic Chem-Brief	(4)	NO COURSE ARTICULATED: College has not
CHEM 118A Org Chem, Hlth & Sci (4) CHEM 28A & Organic Chemistry I (3) CHEM 29A Organic Chemistry (2)		OR		:
	CHEM 118A		(4)	CHEM 28A & Organic Chemistry I (3) CHEM 29A Organic Chemistry (2)

CHEM 118B	Org Chem, Hlth & Sci	(4)	!	28A &	Organic Chemistry I	(3)
			CHEM	29A <u>&</u>	Organic Chemistry	(2)
					Laboratory I	
			CHEM	28B &	Organic Chemistry II	(3)
			CHEM	29B	Organic Chemistry	(2)
					Laboratory II	
	OR				OR	
CHEM 128A	OR Organic Chemistry	(3)	 CHEM	28A	OR Organic Chemistry I	(3)
CHEM 128A CHEM 128B	*	. ,	!	28A 28A <u>&</u>		(3)
-	Organic Chemistry	. ,	!	28A <u>&</u>	Organic Chemistry I	(- ,

====Psychology B.S. (Quantitative)====

Special Advising Note:

Psychology 1;

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:

Statistics 13;
One of these two options:
Biological Sciences 2A

or
Biological Sciences 10 and one course from:
Anthropology 1 or
Molecular and Cellular Biology 10 or
Neurobiology, Physiology and Behavior 10

Applicants to psychology apply to the major without reference to A.B. or B.S. degrees or emphases, which are chosen after enrollment at UC Davis. Transfer students are advised that although requirements for admission (listed above) in the psychology major are the same for the A.B. and B.S. degree options, lower-division preparation for graduation in the major may vary based on the degree and emphasis. Students are encouraged to view coursework for the A.B. degree and the B.S. degree with available biological and quantitative emphases.

Although not required for admission selection to the psychology major, it is highly recommended that students planning for a B.S. degree in psychology complete courses comparable to the UC Davis chemistry courses that apply to the student's degree and emphasis before enrolling at UC Davis.

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

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

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

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit 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) PSY 2 General Psychology ((3)
	· · · · · · · · · · · · · · · · · · ·	(3)
PSYCH 41 Research Methods	(4) PSY 45 Introduction to Research ((3)
STATIST 13 Elementary Statisti Same as: STATIST 13Y	cs (4) MATH 11 Elementary Statistics ((4)
		(4)
MATH 21A Calculus	·	(5)
MATH 21B Calculus MATH 21C Calculus	· · · · · · · · · · · · · · · · · · ·	(4) (5)
ENG CS 36A Programming Formerly ENG CS 30	(4) CSCI 40 Programming Concepts (and Methodology I OR	(4)
	! —	(4)
OR	OR	
ENG CS 32A Intro to Programming(4) NO COMPARABLE COURSE	
Formerly ENG CS 10	j	

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

CHEM 10 Co	oncept of Chem OR	(4)	NO COMPARABLE COURSE OR	
CHEM 2A Ge	enl Chemistry	(5)		5)
	enl Chemistry	. ,	<u>-</u>	5)
CHEM ZB GE	eni Chemistry	(5)	·	
			1	5)
			Qualitative Analysis	
	OR		OR	
CHEM 2AH F	Ionors Genl Chemistry	(5)	NO COMPARABLE COURSE	
CHEM 2BH F	Ionors Genl Chemistry	(5)	NO COMPARABLE COURSE	
PHYSICS 10	Topics, Nonscientists	(4)	PHYS 10 Conceptual Physics (4)
	OR		OR	
PHYSICS 10C	Physics of California	(3)	NO COURSE ARTICULATED: College has n	not
11110100 100	injuice of earliering	(3)	submitted course(s)for articulation	100
	OR		OR	
DIWATAA 73		(1)	!	4.
PHYSICS 7A	General Physics	(4)	·	4)
			· · · · · · · · · · · · · · · · · · ·	4)
PHYSICS 7B	General Physics	(4)	·	4)
				4)
			mplete an entire physics series at	
their communi	ty college that is equiv	alen	t to the entire UC Davis Physics 7A/E	3/C
series before	transferring. Students	who	transfer without completing an entire	2
series may be	e required to take additi	onal	physics courses upon arrival at UC	
			vis advisor before continuing with	
physics.				
BIOLSCI 2A	Intro Biology:Life on	(5)	BIOL 11A Biology for Science (5)
DIOLDCI ZII	Earth	(3)	Majors I	<i>J</i> /
	Ear cii		Majors I	
	OR A COME	тмат	TON OF	
		,		
BIOLSCI 10	Everyday Biology	(4)	BIOL 3	4)
DIOLDCI IO	iveryddy biology	(- /	Science	- /
			Science	
	AND ONE O	OURS	E FROM	
	IND ONE C	COLLD	I I NOM	
ANTHRO 1 H	Iuman Evol Biol	(4)	ANTHRO 1 Biological (3)
ANTIMO I	Iuman Evol Bloi	(1)	· —	5 /
	OB		Anthropology	
	OR	,	OR	
MOL&CB 10	Intro Human Heredity	(4)	NO COMPARABLE COURSE	
	OR		OR	
NE PH B 10	Elem Human Physio	(3)	BIOL 22 Human Physiology (5)
END OF MAJOR				

====Religious Studies A.B.====

Special Advising Note:

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

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

	STD		Survey of Religion	. ,	PHIL 1D World Religions (3)
REL	STD	ΙA	Pilgrimage	. ,	NO COMPARABLE COURSE
REL	STD	1B	Death and Afterlife	(4)	NO COMPARABLE COURSE
REL	STD	1C	Sacrifice	٠,	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 FROM THE FOLLOWING:

REL	STD	5	Comparative Religion	(2)	NO COURSE	ARTICULATED
REL	STD	6	Intro Health Humanities	(4)	NO COURSE	ARTICULATED
REL	STD	10	Contemporary Ethical	(2)	NO COURSE	ARTICULATED: College has not
			Issues		submitted	course(s) for articulation
REL	STD	10A	Contemporary Ethical	(2)		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
DEI 000	0.1	Religions	(1)	submitted course(s)for articulation
REL STD		The Bible		NO COMPARABLE COURSE
REL STD	23	Intro Judaism	. ,	NO COMPARABLE COURSE
REL STD	30	South Asian Religions	(4)	NO COURSE ARTICULATED: College has not
				submitted course(s) for articulation
REL STD	40	New Testament	(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)	NO COURSE ARTICULATED: College has not
			(- /	submitted course(s) for articulation
REL STD	69	Intro Hindu Mythology	(4)	NO COURSE ARTICULATED:College has not
1122 512		111010 1111100 11/0110103/	(- /	submitted course(s)for articulation
REL STD	70	Religion and Language	(1)	NO COURSE ARTICULATED: College has not
KEL SID	70	Religion and Language	(+)	submitted course(s) for articulation
DEL CED	7.5	Total desertion to Obine	(1)	!
REL STD	/5	Introduction to Chinese	(4)	INO 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

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

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

academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

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

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

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

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

RUSSIAN 1	Elementary Russian	(5) NO	COMPARABLE	COURSE
RUSSIAN 2	Elementary Russian	(5) NO	COMPARABLE	COURSE
RUSSIAN 3	Elementary Russian	(5) NO	COMPARABLE	COURSE
RUSSIAN 4	Intermed Russian	(4) NO	COMPARABLE	COURSE
RUSSIAN 5	Intermed Russian	(4) NO	COMPARABLE	COURSE
RUSSIAN 6	Intermed Russian	(4) NO	COMPARABLE	COURSE
END OF MAJOR				

====Science & Technology Studies A.B.====

Special Advising Note:

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

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

....

SCI&TEC 1	Intro Sci & Tech Std	(4) NO COMPARABLE COURSE
SCI&TEC 20	Sci & Tec Std Methods	(4) NO COMPARABLE COURSE

8 QUARTER UNITS FROM THE FOLLOWING:

AMR STD 1A	Science and American Culture	(4)	NO COMPARABLE COURSE
AMR STD 1E	Nat&Cult Amr	(4)	NO 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	Medicine & Humanities	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
PHILOS 30	Intro Philos of Sci	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
PHILOS 31	Scientific Reason	(4)	NO COMPARABLE COURSE
PHILOS 32	Scientific Change	(4)	NO COMPARABLE COURSE
SCI&SOC 1	Critical Inquiry into	(4)	NO COMPARABLE COURSE
	Contemporary Issues		
SCI&SOC 2	Feeding the Planet	(3)	NO COMPARABLE COURSE
SCI&SOC 3	Sci,Tech&Society	(4)	NO COMPARABLE COURSE
SCI&SOC 5	Discovery:Sci & Soc	(3)	NO COMPARABLE COURSE
SCI&TEC 32	Drugs, Science and	(4)	NO COURSE ARTICULATED: College has not
	Culture		submitted course(s) for articulation
Same as:	ANTHRO 32		İ

4 quarter units of lower-division science courses from the Approved Science Electives list. To see the list, click on http://sts.ucdavis.edu/undergraduate/sts-major-requirements

END OF MAJOR

====Sociology A.B.====

Special Advising Note:

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

SOCIOL 1	Intro Sociology	(5) SOC 1A Introduction to Sociology	(3)
SOCIOL 46A	AND	(4) NO COMPARABLE COURSE AND	
SOCIOL 46B	Intro Social Rsch	(5) NO COMPARABLE COURSE	

ONE COURSE FROM THE FOLLOWING:

SOCIOL 2	Self and Society	(4)	NO COMPARABLE COURSE
SOCIOL 3	Social Problems	(4)	NO COMPARABLE COURSE
SOCIOL 4	Immigrtn & Opprtnty	(4)	SOC 2 American Minority Groups (3)
SOCIOL 5	Global Soc Change	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
SOCIOL 11	Sociology of Labor and	(4)	NO COURSE ARTICULATED: College has not
	Employment		submitted course(s) for articulation
SOCIOL 25	Popular Culture	(4)	NO COMPARABLE COURSE
SOCIOL 30A	Multicultural Societies	(3)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
SOCIOL 30B	Multicultural Societies	(3)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation

ONE COURSE FROM THE FOLLOWING:

ANTHRO 20 Comparative Cultures (4) NO COMPARABLE COURSE

ONE COURSE FROM THE FOLLOWING:

HISTORY	4A	Western Civ	(4)	NO COMPARA	ABLE COURSE
HISTORY	4B	Western Civ	(4)	HIST 1 &	Western Civilization to (3)
					1648
				HIST 2	Western Civilization (3)
					from 1648
HISTORY	4C	Western Civ	(4)	HIST 2	Western Civilization (3)
					from 1648
HISTORY	6	Intro to Middle East	(4)	!	ARTICULATED: College has not
					course(s) for articulation
HISTORY	7A	Latin America to 1700	(4)	!	ARTICULATED: College has not
				!	course(s) for articulation
HISTORY	7B	Latin America 1700-1900	(4)		ARTICULATED: College has not
				!	course(s) for articulation
HISTORY	./C	Latin America	(4)		ARTICULATED: College has not
		1900-Present		!	course(s) for articulation
HISTORY	-	Indian Civilization	, ,	!	ABLE COURSE
HISTORY		East Asian Civ	, ,	!	ABLE COURSE
HISTORY	9B	East Asian Civ	(4)	NO COMPARA	ABLE COURSE
HISTORY	10C	World History III	(4)	NO COMPARA	ABLE 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 11	History of the United (3)
					States to 1877
HISTORY	17B	U.S. History	(4)	HIST 12	History of the United (3)
					States since 1865
				OR	
				HIST 12H	Honors History of the (3)
					United States Since
					1865

ONE COURSE FROM THE FOLLOWING:

PHILOS 5	Critical Reasoning	(4) PHIL 2	Critical Reasoning and	(3)
			Analytic Writing	
PHILOS 14	Eth Soc Prob in Soc	(4) NO COMPAR	ABLE COURSE	
PHILOS 24	Intro to Ethics	(4) PHIL 1C	Ethics	(3)

END OF MAJOR

====Sociology A.B. (Comparative Studies and World Development)==== Special Advising Note:

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

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

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

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

SOCIOL 1	Intro Sociology	(5)	SOC 1A 	Introduction to Sociology	(3)
SOCIOL 5	Global Soc Change	(4)	!	SE ARTICULATED: College has red course(s) for articulation	
SOCIOL 46A	Intro Social Rsch AND	(4)	NO COMPA	ARABLE COURSE AND	
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPA	ARABLE COURSE	
ECON 1B	Princ of Macroecon	(4)	ECON 1A 	Principles of Macroeconomics	(3)
ANTHRO 2	Cultural Anthropology OR	(5)	ANTHRO 2	2 Cultural Anthropology OR	(3)
ANTHRO 20	Comparative Cultures	(4)	NO COMPA	ARABLE COURSE	
HISTORY 100	World History III OR	(4)	NO COMP <i>i</i>	ARABLE COURSE OR	
POL SCI 2	Intro Comp Politics	(4)	POLSCI 5	Comparative Government	(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

Transfer students are strongly advised to complete as many preparatory courses as possible for 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.

SOCIOL 1	Intro Sociology	(5)	SOC 1A Introduction to (3) Sociology
SOCIOL 3	Social Problems OR	(4)	NO COMPARABLE COURSE OR
SOCIOL 4	Immigrtn & Opprtnty OR	(4)	SOC 2 American Minority Groups (3) OR
SOCIOL 11	Sociology of Labor and Employment	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
SOCIOL 46A	Intro Social Rsch AND	(4)	NO COMPARABLE COURSE AND
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE

ANTHRO 2	Cultural Anthropology	(5)	ANTHRO 2 Cultural Anthropology (3)
ANTHRO 20	Comparative Cultures	(4)	NO COMPARABLE COURSE
POL SCI 1	Amer Natl Govt	(4)	POLSCI 2 American Government (3)
POL SCI 3	Internatl Relations	(4)	POLSCI 24 International (3)
			Relations
	Bas Cnpt/Pol Thry		
	Law & Politics		
			M THE FOLLOWING:
HISTORY 4A	Western Civ	(4)	NO COMPARABLE COURSE
HISTORY 4B	Western Civ	(4)	HIST 1 & Western Civilization to (3) 1648
			HIST 2 Western Civilization (3) from 1648
HISTORY 4C	Western Civ		HIST 2 Western Civilization (3) from 1648
HISTORY 6	Intro to Middle East	(4)	NO COURSE ARTICULATED: College has not
		(4)	submitted course(s) for articulation
HISTORY 7A	Latin America to 1700	(4)	NO COURSE ARTICULATED: College has not
HISTORY 7B	Latin America 1700-1900	(1)	submitted course(s) for articulation
HISTORY /B	Latin America 1700-1900	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HISTORY 7C	Latin America	(1)	NO COURSE ARTICULATED: College has not
HISTORY /C	1900-Present	(+)	submitted course(s) for articulation
HISTORY 8		(4)	NO COMPARABLE COURSE
HISTORY 9A			NO COMPARABLE COURSE
HISTORY 100	C World History III	(4)	NO COMPARABLE COURSE
HISTORY 15A	A Africa to 1900	(4)	NO COURSE ARTICULATED
HISTORY 15	East Asian Civ C World History III A Africa to 1900 B Africa Today A U.S. History	(4)	NO COURSE ARTICULATED
HISTORY 17	A U.S. History	(4)	HIST 11
	-	. ,	States to 1877
HISTORY 17	B U.S. History	(4)	HIST 12 History of the United (3) States since 1865
			OR
			HIST 12H Honors History of the (3)
			United States Since
			1865
PHILOS 5	Critical Reasoning	(4)	PHIL 2 Critical Reasoning and (3)
	<u> </u>	. ,	Analytic Writing
	OR		OR
PHILOS 14	Eth Soc Prob in Soc	(4)	NO COMPARABLE COURSE
	OR		OR
PHILOS 24	Intro to Ethics	(4)	PHIL 1C Ethics (3)

====Sociology A.B. (Social Services)====

Special Advising Note:

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

SOCIOL 1	Intro Sociology	(5)	soc	! 1A	Introduction to Sociology	(3)
SOCIOL 2	Self and Society OR	(4)	NO	COMPARA	ABLE COURSE OR	
SOCIOL 3	Social Problems	(4)	NO 	COMPARA	ABLE COURSE	
SOCIOL 46A	Intro Social Rsch AND	(4)	NO	COMPARA	ABLE COURSE AND	
SOCIOL 46B	Intro Social Rsch	(5)	NO	COMPARA	ABLE COURSE	
PSYCH 1	General Psychology	(4)	PSY	2)R	General Psychology	(3)
			PSY	2Н	Honors General Psychology	(3)

6-8 QUARTER UNITS FROM 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		ĺ		
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		SOC 2 American Minority Groups (3)
SOCIOL 11	Sociology of Labor and	(4)	NO COURSE ARTICULATED: College has not
	Employment		submitted course(s) for articulation
SOCIOL 30A	Multicultural Societies	(3)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
SOCIOL 30B	Multicultural Societies	(3)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation

====Sociology-Organizational Studies A.B.====

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG 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.

AND	Sociology AND
SOCIOL 2 Self and Society	(4) NO COMPARABLE COURSE
SOCIOL 4 Immigrtn & Opprtnty OR	(4) SOC 2 American Minority Groups (3) OR
SOCIOL 5 Global Soc Change	(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
OR SOCIOL 11 Sociology of Labor and Employment	OR (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
SOCIOL 46A Intro Social Rsch	(4) NO COMPARABLE COURSE
SOCIOL 46B Intro Social Rsch	(5) NO COMPARABLE COURSE
ECON 1A Princ of Microecon	(4) ECON 1B Principles of (3) Microeconomics AND
ECON 1B Princ of Macroecon	(4) ECON 1A Principles of (3) Macroeconomics

====Spanish A.B.====

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG 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.

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

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

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

SPANISH 1 Elementary Spanish (5) SPAN 1 Beginning Spanish (5) SPANISH 2 Elementary Spanish (5) SPAN 1 & Beginning Spanish (5) SPAN 2 High-Beginning Spanish (5) SPANISH 3 Elementary Spanish (5) SPAN 2 High-Beginning Spanish (5) SPANISH 21 Intm Spanish (5) SPAN 3 & Intermediate Spanish (5) SPANISH 22 Intm Spanish (5) SPAN 4 High-Intermediate (5) SPANISH 22 Intm Spanish (5) SPAN 3 & Intermediate Spanish (5) SPANISH 22 Intm Spanish (5) SPAN 4 High-Intermediate (5) SPANISH 23 Span Comp I (4) NO COMPARABLE COURSE SPANISH 24 Span Comp II (4) NO COMPARABLE COURSE OR OR

b) SPANISH 31 Int Span Nat Spk I (5) SPAN 4NS Spanish for Spanish (4) Speakers

b) SPANISH 32 Int Span Nat Spk II (5) SPAN 4NS Spanish for Spanish (4) Speakers

b) SPANISH 33 Int Span Nat Spk III (5) SPAN 4NS Spanish for Spanish (4) Speakers

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) | LING 10 Introduction to (3) | Language

END OF MAJOR

b) If student takes SPAN 4NS at Clovis Community College, credit will be given for UC Davis's SPANISH 31+32 or 33

====Statistics A.B.====

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

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

MATH	16A	Short Calculus	(3)	MATH 5A	Math Analysis I	(5)
MATH	16B	Short Calculus	(3)	MATH 5B	Math Analysis II	(4)
MATH	16C	Short Calculus	(3)	MATH 5B	Math Analysis II	(4)
		OR	(5)		OR	(- /
MATH	17A	Calculus for BioSci	(4)	I	ARTICULATED: College has	
				submitted	course(s) for articulation	on
MATH	17B	Calculus for Biosci	(4)	NO COURSE	ARTICULATED: College has	not
				submitted	course(s) for articulation	on
MATH	17C	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has	not
				submitted	course(s) for articulation	on
		OR			OR	
MATH	21A	Calculus	(4)	MATH 5A	Math Analysis I	(5)
MATH	21B	Calculus	(4)	MATH 5B	Math Analysis II	(4)
MATH	21C	Calculus	(4)	МАТН 6	Math Analysis III	(5)
	227	Times Alcohos	(2)		Differential Equations	/ E \
MAIH	ZZA	Linear Algebra	(3)	MAIH I/	Differential Equations and Linear Algebra	(5)
				 	and Linear Algebra	
ENG C	S 32A	Intro to Programming(4)		NO COMPARA	ABLE COURSE	
		y ENG CS 10		j		
		OR		j	OR	
ENG C	S 36A	Programming	(4)	CSCI 40	Programming Concepts	(4)
Fo	rmerly	ENG CS 30		j	and Methodology I	
	-			OR		
				ENGR 40	Programming for	(4)
				İ	Scientists and	
				İ	Engineers	
					-	

ENG CS 36B Object-Oriented Program (4) CSCI 41 Programming Concepts (4) Formerly ENG CS 40 and Methodology II

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

STATIST 32 Gateway to Data Science (4) | NO COMPARABLE COURSE

END OF MAJOR

====Statistics B.S. (Applied Statistics Option)==== Special Advising Note:

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

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

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 5A Math Analysis I (3) | MATH 5B Math Analysis II MATH 16B Short Calculus (4)

MATH 16C Short Calculus (3)|MATH 5B Math Analysis II OR OR

MATH 17A Calculus for BioSci (4) NO COURSE ARTICULATED: College has not |submitted course(s) for articulation

MATH 17B	Calculus for Biosci	(4)		ARTICULATED: College has			
MATH 17C	Calculus for BioSci OR	(4)	NO COURSE	course(s) for articulati ARTICULATED: College has course(s) for articulati OR	not		
MATH 21A	Calculus	(4)	MATH 5A	Math Analysis I	(5)		
MATH 21B	Calculus			Math Analysis II	(4)		
MATH 21C	Calculus			Math Analysis III	(5)		
NOTE: THE	MATH 21A,B,C SERIES IS REC	OMME	NDED IF AV	AILABLE			
MATH 22A	Linear Algebra	(3)	MATH 17 	Differential Equations and Linear Algebra	(5)		
	Intro to Programming(4) y ENG CS 10		NO COMPARA	ABLE COURSE			
	OR			OR			
	Programming ENG CS 30	(4)	CSCI 40 	Programming Concepts and Methodology I	(4)		
			OR				
			ENGR 40	Programming for	(4)		
				Scientists and			
	OR			Engineers OR			
	Object-Oriented Program ENG CS 40	(4)	CSCI 41	_	(4)		
may not upon tr	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.						
GENET GE 10	AND ONE C			ADI E. GOVEDGE			
STATIST 12 STATIST 13				ABLE COURSE Elementary Statistics	(4)		
	STATIST 13Y	(=)	OR	Elementary Statistics	(1		
			STAT 7	Elementary Statistics	(4)		
STATIST 32	Gateway to Data Science	(4)	NO COMPARA	ABLE COURSE			
	TRODUCTORY COURSES SERVING A CHOSEN DISCIPLINE TO WHI						

====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	5A	Math Analysis I	(5)
MATH 21B	Calculus	(4)	MATH	5B	Math Analysis II	(4)
MATH 21C	Calculus	(4)	MATH	6	Math Analysis III	(5)
MATH 21D	Vector Analysis	(4)	MATH	6	Math Analysis III	(5)
MATH 22A	Linear Algebra	(3)	MATH	17	Differential Equations	(5)
					and Linear Algebra	
ENG CS 36C	Data Structures	(4)	NO CO	OMPA:	RABLE COURSE	
Former	ly ENG CS 60					

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

AND ONE COURSE FROM

END OF MAJOR

====Statistics B.S. (General Statistics Option)====

Special Advising Note:

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

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

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

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit 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 MATH 21B Calculus MATH 21C Calculus MATH 21D Vector Analysis	(4)	MATH 5A Math Analysis I (5) MATH 5B Math Analysis II (4) MATH 6 Math Analysis III (5) MATH 6 Math Analysis III (5)
MATH 22A Linear Algebra OR	(3)	MATH 17 Differential Equations (5) and Linear Algebra OR
MATH 67 Modern Linear Algebra	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 25 Advanced Calculus	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ENG CS 32A Intro to Programming(4) Formerly ENG CS 10 OR		NO COMPARABLE COURSE OR
ENG CS 36A Programming Formerly ENG CS 30	(4)	CSCI 40 Programming Concepts (4) and Methodology I OR
OR		ENGR 40 Programming for (4) Scientists and Engineers OR
ENG CS 36B Object-Oriented Program Formerly ENG CS 40	(4)	CSCI 41 Programming Concepts (4) and Methodology II

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 11	Elementary	Statistics	(4)
Same	as:	STATIST 13Y		OR OR			
				STAT 7	Elementary	Statistics	(4)
STATIST	12	Discrete Probabil	(4)	NO COMPARAI	BLE COURSE		
STATIST	32	Gateway to Data Science	(4)	NO COMPARAI	BLE COURSE		

====Statistics B.S. (Statistical Data Science Track)==== Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

______ MATH 21A Calculus (4)|MATH 5A Math Analysis I MATH 21B Calculus (4) MATH 5B Math Analysis II

MATH 21C Calculus MATH 21C Calculus (4) MATH 6 Math Analysis III (5)
MATH 21D Vector Analysis (4) MATH 6 Math Analysis III (5)

MATH 22A	Linear Algebra	(3)	MATH 17 	Differential Equations and Linear Algebra	(5)
	Intro to Programming(4) y ENG CS 10		NO COMPAR.	ABLE COURSE	
	OR			OR	
	Programming ENG CS 30	(4)	CSCI 40 OR	Programming Concepts and Methodology I	(4)
	0.0		ENGR 40	Programming for Scientists and Engineers	(4)
	OR Object-Oriented Program ENG CS 40	(4)	 CSCI 41 	OR Programming Concepts and Methodology II	(4)
STATIST 12	Discrete Probabil	(4)	NO COMPAR.	ABLE COURSE OR	
	Elementary Statistics STATIST 13Y	(4)	MATH 11		(4)
	OR		į	Elementary Statistics OR	(4)
STATIST 32	Gateway to Data Science	(4) 	NO COMPAR. 	ABLE COURSE	

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

COMUNCN 1	OMUNCN 1 Intro Public Spkg (4)	(4)	COMM 1	Public Speaking	(3)
			OK COMM 1H	Honors Public Speaking	(3)
PL SCI 15	Intro Sustainable Agriculture	(4)	!	ARTICULATED: College has course(s) for articulation	
CM&RGDE 20	Food Systems	(4)	!	ARTICULATED: College has course(s)for articulation	
PL PATH 40	Edible Mushroom Cult	(2)	!	ARTICULATED: College has course(s)for articulation	
	OR			OR	
PL SCI 49	Org Crop Prod Prac	(3)		ARTICULATED: College has course(s) for articulation	

Select one of the following courses:

AN SCI 49A	Animal Prac/Aquaculture	(2)	submitted course(s)for articulation NO COURSE ARTICULATED: College has not
			submitted course(s)for articulation
AN SCI 49B	Animal Prac/Beef	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
AN SCI 49C	Animal Prac/Dairy	(2)	NO COURSE ARTICULATED: College has not
			submitted course(s)for articulation
AN SCI 49D	Animal Prac/Goats	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
AN SCI 49E	Animal Prac/Horses	(2)	NO COURSE ARTICULATED: College has not
			submitted course(s)for articulation
AN SCI 49F	Animal Prac/Lab Animals	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
AN SCI 49G	Animal Prac/Meats	(2)	NO COURSE ARTICULATED: College has not
			submitted course(s)for articulation
AN SCI 49H	Animal Prac/Poultry	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
AN SCI 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		(2)	NO COMPARABLE COURSE
ABIOSYT 52	OR Field Equip Welding	(2)	OR NO COURSE ARTICULATED: College has not
ADIOSII 52	rieid Equip Weiding	(2)	submitted course(s) for articulation
			TOTAL OUTSIDE TOTAL TOTAL CONTROL TO THE CONTROL TH
	PLUS CHOOSE ONE OF	IHE	FOLLOWING THREE TRACKS:
	TRACK I: AGRICU		
MATH 16A MATH 16B	Short Calculus Short Calculus	(3)	MATH 5A Math Analysis I (5) MATH 5B Math Analysis II (4)
MAIH 10B	Shore Carcurus		
			CHEM 1A General Chemistry (5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A $\underline{\&}$ General Chemistry (5) CHEM 1B General Chemistry and (5)
			CILLIN ID GENERAL CHEMISCLY AND (3)
			Qualitative Analysis
	Deingin las Dhesias	(2)	Qualitative Analysis
PHYSICS 1A	Principles Physics	(3)	·
	Intro Biology: Ecology		Qualitative Analysis NO COMPARABLE COURSE BIOL 11A & Biology for Science (5)
			Qualitative Analysis NO COMPARABLE COURSE BIOL 11A & Biology for Science (5) Majors T
	Intro Biology: Ecology		Qualitative Analysis NO COMPARABLE COURSE BIOL 11A & Biology for Science (5) Majors I BIOL 11B Biology for Science (5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	Qualitative Analysis NO COMPARABLE COURSE BIOL 11A & Biology for Science (5) Majors I BIOL 11B Biology for Science (5) Majors II
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	Qualitative Analysis NO COMPARABLE COURSE BIOL 11A & Biology for Science (5) Majors I BIOL 11B Biology for Science (5) Majors II NO COURSE ARTICULATED: College has not
BIOLSCI 2B	Intro Biology: Ecology & Evolution Bot Physio Cul Plt	(5)	Qualitative Analysis NO COMPARABLE COURSE BIOL 11A & Biology for Science (5) Majors I BIOL 11B Biology for Science (5) Majors II
BIOLSCI 2B	Intro Biology: Ecology & Evolution Bot Physio Cul Plt	(5)	Qualitative Analysis NO COMPARABLE COURSE BIOL 11A & Biology for Science (5) Majors I BIOL 11B Biology for Science (5) Majors II NO COURSE ARTICULATED: College has not submitted course(s) for articulation
BIOLSCI 2B PL SCI 2 AN SCI 1	Intro Biology: Ecology & Evolution Bot Physio Cul Plt Domest Ani & People OR	(5) (4) (4)	Qualitative Analysis NO COMPARABLE COURSE BIOL 11A & Biology for Science (5) Majors I BIOL 11B Biology for Science (5) Majors II NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COMPARABLE COURSE OR
BIOLSCI 2B PL SCI 2 AN SCI 1	Intro Biology: Ecology & Evolution Bot Physio Cul Plt Domest Ani & People	(5) (4) (4)	Qualitative Analysis NO COMPARABLE COURSE BIOL 11A & Biology for Science (5) Majors I BIOL 11B Biology for Science (5) Majors II NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COMPARABLE COURSE OR
BIOLSCI 2B PL SCI 2 AN SCI 1 AN SCI 2	Intro Biology: Ecology & Evolution Bot Physio Cul Plt Domest Ani & People OR Intro Animal Sci	(5) (4) (4) (4)	Qualitative Analysis NO COMPARABLE COURSE
PL SCI 2 AN SCI 1 AN SCI 2 FD S&T 1	Intro Biology: Ecology & Evolution Bot Physio Cul Plt Domest Ani & People OR Intro Animal Sci Food Sci Principles	(5) (4) (4) (4)	Qualitative Analysis NO COMPARABLE COURSE
PL SCI 2 AN SCI 1 AN SCI 2 FD S&T 1	Intro Biology: Ecology & Evolution Bot Physio Cul Plt Domest Ani & People OR Intro Animal Sci Food Sci Principles	(5) (4) (4) (4) (3)	Qualitative Analysis NO COMPARABLE COURSE
BIOLSCI 2B PL SCI 2 AN SCI 1 AN SCI 2 FD S&T 1 ECON 1A	Intro Biology: Ecology & Evolution Bot Physio Cul Plt Domest Ani & People OR Intro Animal Sci Food Sci Principles Princ of Microecon	(5) (4) (4) (4) (3)	Qualitative Analysis NO COMPARABLE COURSE
BIOLSCI 2B PL SCI 2 AN SCI 1 AN SCI 2 FD S&T 1 ECON 1A	Intro Biology: Ecology & Evolution Bot Physio Cul Plt Domest Ani & People OR Intro Animal Sci Food Sci Principles Princ of Microecon	(5) (4) (4) (4) (3)	Qualitative Analysis NO COMPARABLE COURSE
BIOLSCI 2B PL SCI 2 AN SCI 1 AN SCI 2 FD S&T 1 CM&RGDE 1	Intro Biology: Ecology & Evolution Bot Physio Cul Plt Domest Ani & People OR Intro Animal Sci Food Sci Principles Princ of Microecon The Community	(5) (4) (4) (4) (3) (4)	Qualitative Analysis NO COMPARABLE COURSE
BIOLSCI 2B PL SCI 2 AN SCI 1 AN SCI 2 FD S&T 1 ECON 1A CM&RGDE 1	Intro Biology: Ecology & Evolution Bot Physio Cul Plt Domest Ani & People OR Intro Animal Sci Food Sci Principles Princ of Microecon The Community Eth Soc Prob in Soc	(5) (4) (4) (3) (4)	Qualitative Analysis NO COMPARABLE COURSE
BIOLSCI 2B PL SCI 2 AN SCI 1 AN SCI 2 FD S&T 1 ECON 1A CM&RGDE 1 PHILOS 14	Intro Biology: Ecology & Evolution Bot Physio Cul Plt Domest Ani & People OR Intro Animal Sci Food Sci Principles Princ of Microecon The Community	(4) (4) (4) (3) (4) (4) (4)	Qualitative Analysis NO COMPARABLE COURSE

	OR		OR
PHILOS 24	Intro to Ethics	(4)	1
ANTHRO 2	Cultural Anthropology OR	(5)	ANTHRO 2 Cultural Anthropology (3)
POL SCI 4	Bas Cnpt/Pol Thry OR	(4)	1
SOCIOL 1	Intro Sociology	(5)	SOC 1A Introduction to (3) Sociology
SOCIOL 3	OR Social Problems	(4)	OR NO COMPARABLE COURSE
	TRACK II: FO	OD 31	ND COCTETY
PHILOS 5		-	PHIL 2 Critical Reasoning and (3) Analytic Writing
PHILOS 31	OR Scientific Reason	(4)	OR NO COMPARABLE COURSE
PHILOS 14	Eth Soc Prob in Soc	(4)	NO COMPARABLE COURSE OR
PHILOS 15	Intro to Bioethics OR	(4)	¥=-
PHILOS 24		(4)	PHIL 1C Ethics (3)
SOCIOL 46B	Intro Social Rsch OR	(5)	NO COMPARABLE COURSE OR
		(4)	MATH 11 Elementary Statistics (4) OR
			STAT 7 Elementary Statistics (4)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A General Chemistry (5)
BIOLSCI 10	Everyday Biology	(4)	BIOL 3 Introduction to Life (4) Science
PL SCI 2	Bot Physio Cul Plt	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 11A & Biology for Science (5) Majors I
	a Evolution		BIOL 11B Biology for Science (5) Majors II
ENV S&P 1	OR Env Analysis	(4)	OR NO COMPARABLE COURSE
	OR Global Ecosystem ENV SC&M 30	(3)	OR NO COMPARABLE COURSE
W&F BIO 10		(4)	}
W&F BIO 51			OR NO COURSE ARTICULATED: College has not submitted course(s) for articulation
			NO COURSE ARTICULATED: College has not submitted course(s) for articulation
SOILSCI 10	Soils in Our Environment	(3)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
ECON 1A		(4)	ECON 1B Principles of (3) Microeconomics

POL SCI 4	Bas Cnpt/Pol Thry	(4)	NO COMPARABLE COURSE
ANTHRO 2		(5)	ANTHRO 2 Cultural Anthropology (3)
SOCIOL 1	OR Intro Sociology	(5)	OR SOC 1A Introduction to (3) Sociology
SOCIOL 3	OR Social Problems	(4)	OR NO COMPARABLE COURSE
CM&RGDE 1 CM&RGDE 2	The Community Ethnicity Amer Comm		NO COMPARABLE COURSE NO COMPARABLE COURSE
	TRACK III: ECO	NOMT	CS AND POLICY
	Short Calculus	(3)	MATH 5A Math Analysis I (5)
MATH 16B	Short Calculus		MATH 5B Math Analysis II (4)
SOCIOL 46B	Intro Social Rsch OR	(5)	NO COMPARABLE COURSE OR
	Elementary Statistics : STATIST 13Y	(4)	MATH 11 Elementary Statistics (4) OR STAT 7 Elementary Statistics (4)
			STAT / ETERRETICATY SCALISCICS (4)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A General Chemistry (5)
BIOLSCI 10	Everyday Biology	(4)	BIOL 3 Introduction to Life (4) Science
PL SCI 2	Bot Physio Cul Plt		NO COURSE ARTICULATED: College has not submitted course(s)for articulation
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 11A & Biology for Science (5) Majors I BIOL 11B Biology for Science (5) Majors II
ENV S&P 1	OR Env Analysis OR	(4)	OR NO COMPARABLE COURSE OR
ENV S&P 30 Same as		(3)	NO COMPARABLE COURSE OR
W&F BIO 10	Wildl Ecol Conserve OR	(4)	T =
			NO COURSE ARTICULATED: College has not submitted course(s) for articulation
			NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	Environment		NO COURSE ARTICULATED: College has not submitted course(s)for articulation
	Princ of Microecon		ECON 1B Principles of (3)
ECON 1B	Princ of Macroecon		Microeconomics ECON 1A Principles of (3) Macroeconomics
	Bas Cnpt/Pol Thry	(4)	
			ANTHRO 2 Cultural Anthropology (3)
SOCIOL 1	OR Intro Sociology	(5)	OR SOC 1A Introduction to (3) Sociology

	OR	OR
SOCIOL 3	Social Problems	(4) NO COMPARABLE COURSE
CM&RGDE 1	The Community	(4) NO COMPARABLE COURSE
PHILOS 14	Eth Soc Prob in Soc OR	(4) NO COMPARABLE COURSE OR
PHILOS 15	Intro to Bioethics OR	(4) NO COMPARABLE COURSE OR
PHILOS 24	Intro to Ethics	(4) PHIL 1C Ethics (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 General Catalog . Quick reference charts for AP and IB are also available from our TAG website.

COMUNCN 1	Intro Public Spkg	(4)	COMM		Public Speaking	(3)
			· -	_	Honors Public Speaking	(3)
ENGLISH 3	Intro to Lit	(4)	ENGL		Introduction to the Study of Literature	(3)
	OR		<u>5-</u> ENGL 		Honors Introduction to the Study of Literature OR	(3)
UWRITING 1	Expository Writing	(4)	ENGL OI		Reading and Composition	(4)
	OR			1 AH	Honors Reading and Composition OR	(4)
	Style in the Essay JWRITING 18	(4)	ENGL		Critical Reading and Writing	(3)
	OR		· <u>-</u>	_	Honors Critical Reading and Writing OR	(3)
UWRITING 49 Tormerly UWI	Writing Research Papers	(4)	 NO CO 	OMPARAE		
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	 BIOL 	11A <u>&</u>	Biology for Science Majors I	(5)
			BIOL	11B	Biology for Science Majors II	(5)

ALL OF THE FOLLOWING COURSES:

			submitted	course(s) for articulation
LND ARC 2	Place, Culture, Community	(4)	NO COURSE	ARTICULATED: College has not
			submitted	<pre>course(s) for articulation</pre>
LND ARC 3	Sustainable Development	(4)		ARTICULATED: College has not
			submitted	course(s) for articulation
LND ARC 21	Landscape Rep I	(4)	NO COURSE	ARTICULATED: College has not
Formerly	Design Visualization		!	course(s) for articulation
LND ARC 30	History Environ Design	(4)	NO COURSE	ARTICULATED: College has not
			submitted	course(s) for articulation
LND ARC 50	Site Ecology	(4)	NO COURSE	ARTICULATED: College has not
			submitted	course(s) for articulation
LND ARC 70	Intro to Spacemaking	(4)	NO COURSE	ARTICULATED: College has not
			submitted	course(s) for articulation

AND ONE COURSE IN A PHYSICAL SCIENCE

END OF MAJOR

====Textiles and Clothing B.S. (Marketing/Economics)==== IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

The undergraduate major Textiles and Clothing in the College of Agricultural and Environmental Sciences is suspended for 2019-20, and fall 2019 TAGs will not be available.

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is $\frac{\text{highly recommended}}{\text{Preparing well for}}$ 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 $\frac{\text{http://tag.ucdavis.edu}}{\text{http://tag.ucdavis.edu}} \text{ for details regarding UC Davis TAG.}$

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.

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.

Planta Planta (2D) and Tatana biand Danada (TD) Parada Value

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 COURSE ARTICULATED: College has not submitted course(s)for articulation
OR		OR
B) ENG CS 15 Intro to Computers OR	(4)	IS 15 Computer Concepts (3)
ENG CS 36A Programming Formerly ENG CS 30	(4)	CSCI 40 Programming Concepts (4) and Methodology I
		OR ENGR 40 Programming for (4) Scientists and Engineers

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

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

Macroecon	\cap mıcc

4 QUARTER UNITS FROM THE FOLLOWING: ANTHRO 2 Cultural Anthropology (5) ANTHRO 2 Cultural Anthropology (3) SCI&SOC 1 Critical Inquiry into (4) NO COMPARABLE COURSE Contemporary Issues ARTHI 1A Ancient Mediterranean Art (4) ART 5 Art History 1 (3) ARTHI 1B Mediev&Renaiss Art (4) ART 5 & Art History 1 (3) ART 6 Art History 2 OR ART 5 & Art History 1 ART 6H Honors Art History 2 OR OR ARTHI 1C Baroque to Modern Art (4) ART 6 Art History 2 (3) OR ART 6H Honors Art History 2 OR OR (4) NO COMPARABLE COURSE ARTHI 1D Arts of Asia ALL OF THE FOLLOWING COURSES: PHYSICS 1A Principles Physics (3) NO COMPARABLE COURSE OR PHYSICS 10 Topics, Nonscientists (4) | PHYS 10 Conceptual Physics PSYCH 1 General Psychology (4) PSY 2 General Psychology OR PSY 2H Honors General (3) Psychology (4) NO COMPARABLE COURSE SOCIOL 2 Self and Society ______ STATIST 13 Elementary Statistics (4) | MATH 11 Elementary Statistics (4) Same as: STATIST 13Y OR STAT 7 Elementary Statistics (4) ______ TEX&CL 6 Intro Textiles (4) NO COMPARABLE COURSE TEX&CL 7 Style & Cult Std (4) NO COMPARABLE COURSE TEX&CL 8 Textile Apparel Ind (4) NO COMPARABLE COURSE MGMT 11A Elem Accounting (4) ACCTG 4A $\underline{\&}$ Financial Accounting (4) ACCTG 4B Managerial Accounting (4) MGMT 11B Elem Accounting (4) NO COMPARABLE COURSE CHEM 10 Concept of Chem (4) NO COMPARABLE COURSE OR (5) CHEM 1A General Chemistry (5) CHEM 2A Genl Chemistry ______ MATH 16A Short Calculus (3) MATH 5A Math Analysis I MATH 16B Short Calculus (3) MATH 5B Math Analysis II RESTRICTED ELECTIVES (12 QUARTER UNITS): AGRESEC 18 Business Law (4) BA 18 Business Law and the (4)Legal Environment DESIGN 77 Intro to Fashion Design (4) NO COMPARABLE COURSE MATH 16C Short Calculus (3) MATH 5B Math Analysis II (4) Foreign language units may be used to satisfy any or all of the required 12 units.

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 $\frac{\text{highly recommended}}{\text{Preparing well for the major helps}}$ 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.

PL SCI 21 Computers in Technology	(3)	NO COURSE ARTICULATED: College has not
		submitted course(s)for articulation
OR		OR
B) ENG CS 15 Intro to Computers	(4)	IS 15 Computer Concepts (3)
OR		OR
ENG CS 36A Programming	(4)	CSCI 40 Programming Concepts (4)
Formerly ENG CS 30		and Methodology I
		OR
		ENGR 40 Programming for (4)
		Scientists and
		Engineers

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

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

4 QUARTER UNITS FROM THE FOLLOWING:

ANTHRO 2	Cultural Anthropology	(5)	ANT	HRO	2 (Cultural	Anthropology	(3)
	OR		ĺ			OR		
SCI&SOC 1	Critical Inquiry into Contemporary Issues	(4)	NO (COME	PARABLE	E COURSE		
	OR					OR		
ARTHI 1A	Ancient Mediterranean Art	(4)	ART	5	Art	History	1	(3)

	OR		OR
ARTHI 1B	Mediev&Renaiss Art	(4)	ART 5 & Art History 1 (3)
			ART 6 Art History 2 (3)
			ART 5
	0.70		ART 6H Honors Art History 2 (3)
ARTHI 1C	OR Baroque to Modern Art	(4)	OR ART 6 Art History 2 (3)
711111111111111111111111111111111111111	baroque eo modern me	(- /	OR
			ART 6H Honors Art History 2 (3)
ARTHI 1D	OR Arts of Asia	(4)	OR NO COMPARABLE COURSE
			·
DIEGO 1A	ALL OF THE FO		
PHISICS IA	A Principles Physics OR	(3)	OR
PHYSICS 10	Topics, Nonscientists	(4)	PHYS 10 Conceptual Physics (4)
PSYCH 1	General Psychology	(4)	PSY 2 General Psychology (3)
			PSY 2H Honors General (3) Psychology
SOCIOL 2	Self and Society	(4)	NO COMPARABLE COURSE
		(4)	MATH 11 Elementary Statistics (4)
Same as	: STATIST 13Y		<u>OR</u> STAT 7 Elementary Statistics (4)
 техаст, 6	Intro Textiles		NO COMPARABLE COURSE
			NO COMPARABLE COURSE
TEX&CL 8	Textile Apparel Ind	(4)	NO COMPARABLE COURSE
		(5)	CHEM 1A General Chemistry (5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A & General Chemistry (5)
			CHEM 1B General Chemistry and (5)
			Qualitative Analysis
CHEM 8A	Organic Chem-Brief	(2)	NO COURSE ARTICULATED: College has not
CHEM OD	Organic Chem-Brief	(1)	submitted course(s)for articulation NO COURSE ARTICULATED: College has not
			submitted course(s)for articulation
MATH 16A	Short Calculus	(3)	MATH 5A Math Analysis I (5)
	RESTRICTED ELECTIVES		OHAPTER INITS).
AGRESEC 18			BA 18 Business Law and the (4)
			Legal Environment
			CHEM 1B General Chemistry and (5) Qualitative Analysis
CHEM 128A	Organic Chemistry Organic Chemistry	(3)	CHEM 28A Organic Chemistry I (3) CHEM 28A & Organic Chemistry I (3)
CUFM I79R	organic chemistry	(3)	CHEM 28A & Organic Chemistry I (3) CHEM 28B Organic Chemistry II (3)
CHEM 128C	Organic Chemistry	(3)	CHEM 28B Organic Chemistry II (3)
DESIGN 77	Intro to Fashion Design	(4)	NO COMPARABLE COURSE
MGMT 11A	Elem Accounting	(4)	ACCTG 4A & Financial Accounting (4) ACCTG 4B Managerial Accounting (4)
MGMT 11B	Elem Accounting	(4)	
MATH 16B	Short Calculus	(3)	MATH 5B Math Analysis II (4)
MATH 16C	Short Calculus	(3)	MATH 5B Math Analysis II (4)
units.	myuaye units may be used to	sat	isfy any or all of the required 16

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

====Theatre and Dance A.B.====

Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. 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

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)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
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 POLLOWI	ing Cookbib.
DRAMART 28	Stagecraft & Management (4) No	NO COURSE ARTICULATED: College has not
	s	submitted course(s)for articulation
DRAMART 55		NO COURSE ARTICULATED: College has not
	s	submitted course(s)for articulation
DRAMART 56A		NO COURSE ARTICULATED: College has not
	s	submitted course(s)for articulation
DRAMART 56B	Hist Theatre Dance II (4) No	NO COURSE ARTICULATED: College has not
	s	submited course(s)for articulation
DRAMART 56C	Hist Theatre Dance III (4) No	NO COURSE ARTICULATED: College has not
	51	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 OR	(5)	BIOL 11A	Biology for Science (5) Majors I OR
PL SCI 2	Bot Physio Cul Plt	(4)		RTICULATED: College has not ourse(s)for articulation
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry (5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A & (General Chemistry (5)
			CHEM 1B	General Chemistry and (5)
				Qualitative Analysis
CHEM 2C	Genl Chemistry	(5)		General Chemistry and (5) Qualitative Analysis
			· · · · · · · · · · · · ·	
CHEM 8A	Organic Chem-Brief	(2)	NO COURSE A	RTICULATED: College has not
			submitted co	ourse(s)for articulation
CHEM 8B	Organic Chem-Brief	(4)	NO COURSE A	RTICULATED: College has not
			submitted co	ourse(s)for articulation
PL SCI 21	Computers in Technology	(3)		RTICULATED: College has not ourse(s)for articulation

OR EQUIVALENT AND advisor APPROVAL

MATH 16A	Short Calculus	(3) MATH 5A Math Analysis I (5	5)
MATH 16B	Short Calculus	(3) MATH 5B Math Analysis II (4	4)
PHYSICS 1A	Principles Physics	(3) NO COMPARABLE COURSE	
	AND	AND	
PHYSICS 1B	Principles Physics	(3) NO COMPARABLE COURSE	
	OR	OR	
PHYSICS 7A	General Physics	(4) PHYS 2A & General Physics I (4	4)
		PHYS 2B General Physics II (4	4)

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

VIT-ENO 2	. I	ntro	to Viticult	(2) NO	COURSE	ARTICULATED:	College 1	has not
				suk	omitted	course(s)for	articula	tion
VIT-ENO 3	B I	ntro 1	Winemaking	(3) NO	COMPARA	ABLE 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 $\frac{\text{highly recommended}}{\text{preparing well for}}$ 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.

UWRITING 1	Expository Writing	(4)	ENGL 1A Reading and (4) Composition
	AND		OR ENGL 1AH Honors Reading and (4) Composition AND
COMUNCN 1		(4)	COMM 1 Public Speaking (3)
	OR		COMM 1H Honors Public Speaking (3) OR
COMUNCN 3	Intprsnl Com Cmpetnce OR	(4)	NO COMPARABLE COURSE OR
DRAMART 10		(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	leting UWP 1 and Communicat:	ion :	1 will simultaneously satisfy the
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 11A Biology for Science (5) Majors I
BIOLSCI 2B		(5)	1
	& Evolution		BIOL 11B Biology for Science (5) Majors II
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	
	Genl Chemistry		CHEM 1A General Chemistry (5)
CHEM 2B	Genl Chemistry	(5)	
CHEM 8A	Organic Chem-Brief	(2)	Qualitative Analysis NO COURSE ARTICULATED: College has not submitted course(s)for articulation
CHEM 8B	Organic Chem-Brief	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 16A			MATH 5A Math Analysis I (5)
MATH 16B	Short Calculus	(3)	MATH 5B Math Analysis II (4)
	Principles Physics Principles Physics		

ONE COURSE FROM THE FOLLOWING (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
			submitted course(s) for articulation
W&F BIO 51	Intro to Conservation	(3)	NO COURSE ARTICULATED: College has not
	Biology		submitted course(s) for articulation
RECOM	MMENDED COURSES FOR THE WI	LDLI	FE HEALTH AREA OF SPECIALIZATION:
CHEM 2C	Genl Chemistry	(5)	CHEM 1B General Chemistry and (5)
			Qualitative Analysis
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 28A & Organic Chemistry I (3)
			CHEM 29A Organic Chemistry (2)
			Laboratory I
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 28A & Organic Chemistry I (3)
			CHEM 29A & Organic Chemistry (2)
			Laboratory I
			CHEM 28B & Organic Chemistry II (3)
			CHEM 29B Organic Chemistry (2)
			Laboratory II
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 28B & Organic Chemistry II (3)
			CHEM 29B Organic Chemistry (2)
			Laboratory II
PHYSICS 7A	General Physics	(4)	PHYS 2A & General Physics I (4)
			PHYS 2B General Physics II (4)
PHYSICS 7B	General Physics	(4)	PHYS 2A & General Physics I (4)
			PHYS 2B General Physics II (4)
PHYSICS 7C	General Physics	(4)	PHYS 2A & General Physics I (4)
			PHYS 2B General Physics II (4)

END OF MAJOR

====Worksheet UGA (ENG)====

IMPORTANT ADVISORY REGARDING THIS WORKSHEET

This worksheet serves as an administrative tool and should not be used to determine specific major preparation for UC Davis College of Engineering majors.

View the "By Major" section of ASSIST to best assess the requirements for your major of interest.

This worksheet provides a listing of lower-division preparatory courses required for certain College of Engineering majors and may be helpful in correlation with review of the College of Engineering Transfer Credit Agreements (engineering grids) available at http://engineering.ucdavis.edu/transfer-credit-agreements/

MATH 21A	Calculus	(4) MATH 5A	Math Analysis I	(5)
MATH 21B	Calculus	(4) MATH 5B	Math Analysis II	(4)
MATH 21C	Calculus	(4) MATH 6	Math Analysis III	(5)
MATH 21D	Vector Analysis	(4) MATH 6	Math Analysis III	(5)
MATH 22A	Linear Algebra	(3) MATH 17	Differential Equations and Linear Algebra	(5)
MATH 22B	Differntl Equations	(3) MATH 17	Differential Equations and Linear Algebra	(5)
CHEM 2A	Genl Chemistry	(5) CHEM 1A	General Chemistry	(5)

CHEM 2B	Genl Chemistry	(5)	CHEM 1A & General Chemistry (5) CHEM 1B General Chemistry and (5) Qualitative Analysis
CHEM 2C	Genl Chemistry	(5)	CHEM 1B General Chemistry and (5) Qualitative Analysis
CHEM 8A	Organic Chem-Brief	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
CHEM 8B	Organic Chem-Brief	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
CHEM 118A	Org Chem, Hlth & Sci	(4)	Organic Chemistry I (3) CHEM 29A Organic Chemistry (2) Laboratory I
CHEM 118B	Org Chem, Hlth & Sci	(4)	Organic Chemistry I (3) CHEM 28A & Organic Chemistry I (2) CHEM 29A & Organic Chemistry I (2) Laboratory I CHEM 28B & Organic Chemistry II (3)
			CHEM 29B Organic Chemistry (2) Laboratory II
CHEM 128A	Organic Chemistry	(3)) CHEM 28A Organic Chemistry I (3)
CHEM 128B	Organic Chemistry	(3)	CHEM 28A & Organic Chemistry I (3) CHEM 28B Organic Chemistry II (3)
CHEM 129A	Organic Chem Lab	(2)	CHEM 29A Organic Chemistry (2) Laboratory I
c) PHYSICS	9A Classical Physics	(5)	PHYS 4A & Physics for Scientists (4) and Engineers PHYS 4B & Physics for Scientists (4) and Engineers PHYS 4C Physics for Scientists (4) and Engineers
c) PHYSICS	9B Classical Physics	(5)	PHYS 4A & Physics for Scientists (4) and Engineers PHYS 4B & Physics for Scientists (4) and Engineers PHYS 4C Physics for Scientists (4) and Engineers
	9C Classical Physics		PHYS 4A & Physics for Scientists (4) and Engineers PHYS 4B & Physics for Scientists (4) and Engineers PHYS 4C Physics for Scientists (4) and Engineers
	Modern Physics		NO COMPARABLE COURSE
BIMEDEN 20	Fundamentals of Bioengineering	(4)	
			ENGR 2 Engineering Graphics (4)
	Engr Prob Solving	(4)	
ENGIN 17	Circuits I) ENGR 6 Electric Circuit (4)

					Analysis with Lab	
ENGIN 35	Statics	(4)	 ENGR 	8	Statics	(3)
ENGIN 45	Prop of Mats	(4)	ENGR	4	Engineering Materials	(3)
ENG CS 20	C Sci/Discrete Math	(4)	CSCI 	26	Discrete Mathematics for Computer Science	(4)
ENG CS 36A Formerly	Programming ENG CS 30	(4)	CSCI 	40 • 4 0	Programming Concepts and Methodology I	(4)
			<u>9</u> ENGR 	_	Programming for Scientists and Engineers	(4)
	Object-Oriented Program ENG CS 40	(4)	CSCI 	41	Programming Concepts and Methodology II	(4)
ENG CS 50	Machine Dependent Prog	(4)			ARTICULATED: College has course(s)for articulation	
	Data Structures Ly ENG CS 60	(4)	NO C 	OMPAR	ABLE COURSE	
ENG BS 1	Biosys Engr Fndts	(4)	NO C	OMPAR	ABLE COURSE	
ENG BS 75	Prop Mat in Bio Sys	(4)	NO C	OMPAR	ABLE COURSE	
ENG MEC 50	Mfg Processes	(4)	NO C	OMPAR	ABLE COURSE	
ENG CHM 51	Material Balances	(4)	NO C	OMPAR	ABLE COURSE	
ENG CHM 60	Engineering Problem Solv	(4)	NO C	OURSE	ARTICULATED	
ENG CHM 80	Chem Engr Profession	(1)	NO C	OMPAR	ABLE COURSE	
ENG E&C 7	Prog & Microcontrollers	(4)	 NO C 	OURSE	ARTICULATED	
UWRITING 1	Expository Writing	(4)			Reading and Composition	(4)
			· _	<u>R</u> ₁ 1AH	Honors Reading and Composition	(4)
ENGLISH 3	Intro to Lit	(4)		1B 0 R	Introduction to the Study of Literature	(3)
				1BH	Honors Introduction to the Study of Literature	(3)
COMUNCN 1	Intro Public Spkg	(4)	:		Public Speaking	(3)
				<u>R</u> I 1H	Honors Public Speaking	(3)
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	NO C	OMPAR	ABLE COURSE	
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	 BIOL 	11A	Biology for Science Majors I	(5)

BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5) BIOL 11A &	Biology for Science Majors I Biology for Science Majors II	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5) BIOL 11B 	Biology for Science Majors II	(5)
f) GEOLOGY 50	Physical Geology	(3) GEOL 1	Physical Geology	(4)
ATM SCI 60	Intro to Atmospheric Science	(4) NO COMPARA	BLE COURSE	

- $_{\mbox{\scriptsize C}\,\mbox{\scriptsize)}}$ This articulation is "series for series" only.
- f) If a student takes GEOL 1 at Clovis Community College, credit will be given for UC Davis's GEOLOGY 1 or 50+50L, not both.