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

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

Special Advising Note:

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

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

END OF MAJOR

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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-AMST 12	Af-Am Culture & Soc Intro Afro Studies		submitted	ARTICULATED: College has course(s)for articulatio Global Studies: Africa	n
	ONE COURSE FR	ом т	HE FOLLOWI	 NG:	
AF-AMST 15	Intro Afro Amer Hum	(4)		ARTICULATED: College has course(s) for articulati	
AF-AMST 17	Women in Africa	(4)	NO COURSE	ARTICULATED: College has course(s) for articulati	not
AF-AMST 18	Intro Caribbean Studies	(4)	NO COURSE	ARTICULATED: College has course(s) for articulatio	not
AF-AMST 50	Blk Images Pop Cult	(4)	NO COURSE	ARTICULATED: College has course(s) for articulati	not
AF-AMST 51	History Af-Amr Dance	(4)	NO COURSE	ARTICULATED: College has course(s) for articulati	not
AF-AMST 52	Afr Tradit Relig	(4)	NO COURSE	ARTICULATED: College has course(s) for articulati	not
AF-AMST 80	Black Politics	(4)	NO COURSE	ARTICULATED: College has course(s) for articulati	not
ONE COURSE FROM THE FOLLOWING:					
ANTHRO 2	Cultural Anthropology	(5)	ANTH 310 OR	Cultural Anthropology	(3)
			ANTH 313	Introduction to Cultural Anthropology: Medical Focus	(3)
ECON 1A	Princ of Microecon	(4)	ECON 304	Principles of Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 302	Principles of Macroeconomics	(3)
	Intro Sociology Amer Natl Govt		SOC 300 POLS 301	Introductory Sociology Introduction to Government: United	(3) (3)

	Intro Comp Politics General Psychology		StatesPOLS 302Introduction to (3)Government: ForeignPSYC 300General Principles (3)		
	ONE COURSE FROM THE FOLLOWING:				
CHICANO 10	Intro to Chic Std	(4)	NO COURSE ARTICULATED: College has not		
n a std 1	Intro NA Studies	(1)	<pre>submitted course(s) for articulation NO COURSE ARTICULATED: College has not</pre>		
NASIDI	INCIO NA SCUCIES	(4)	submitted course(s) for articulation		
n a std 10	NA Experience	(4)	NO COURSE ARTICULATED: College has not		
	-	. ,	submitted course(s) for articulation		
AMR STD 10	Intro American Studies		HUM 332 American Humanities (3)		
A A STD 1	Hist Exp Asian Am		NO COMPARABLE COURSE		
A A STD 2	-	n (4)	SOCSC 325 Asian Experience in (3)		
	Americans		America		
WOM STD 50	Intro Gender Studies	(4)	Same as: ETHNS 330 NO COURSE ARTICULATED: College has not		
WOM SID 50	inclo Gender Studies	(1)	submitted course(s) for articulation		
	TWO COURSES	FROM	THE FOLLOWING:		
UTOMODU 151		(4)			
	Africa to 1900		NO COURSE ARTICULATED		
	Africa Today U.S. History		NO COURSE ARTICULATED HIST 312 History of the United (3)		
HISTORI I/A	0.5. History	(=)	States (to 1865)		
HISTORY 17B	U.S. History	(4)	HIST 313 <u>&</u> History of the United (3)		
	-		States (1865-1945)		
			HIST 314 Recent United States (3)		
			History		
	4 QUARTER UNITS FROM THE FOLLOWING:				
		()			
AF-AMST 16	African Verbal Arts	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
AF-AMST 51	History Af-Amr Dance	(4)	NO COURSE ARTICULATED: College has not		
		(-)	submitted course(s) for articulation		
DRAMART 41A	Beg Jazz Dance	(2)	DANCE 310 Jazz Dance I (1)		
DRAMART 41B			NO COMPARABLE COURSE		
DRAMART 44A			DANCE 351 Urban Hip Hop I (1)		
DRAMART 44B	Inter Hip Hop Dance	(2-4)	NO COURSE ARTICULATED: College has not		
			submitted course(s) for articulation		
MUSIC 28	Introduction to African American Music	(4)	NO COMPARABLE COURSE		
	AMELICAN MUSIC		1		

END OF MAJOR

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

General Cat	xamination credit policies <u>alog</u> . Quick reference cha rom our TAG website.		detailed in the UC Davis 2018-19 for <u>AP</u> and <u>IB</u> are also
HISTORY 17A		(4)	HIST 312 History of the United (3) States (to 1865)
POL SCI 1	OR Amer Natl Govt	(4)	OR POLS 301 Introduction to (3) Government: United States
A	MINIMUM OF 8 QUARTER UNITS	FRO	M EACH OF THE FOLLOWING AREAS:
	Domest Ani & People		NO COMPARABLE COURSE
AN SCI 2	Intro Animal Sci	(4)	ANSC 300 Introduction to Animal (3) Science
AN SCI 41	Livestock&Dairy Jdg Domestic Ani Prod	(2) (2)	
	Metal Prop & Fabr	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
ABIOSYT 49	Fld Equip Oper	(2)	NO COMPARABLE COURSE
ABIOSYT 52	Field Equip Welding	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
AGRESEC 15	Pop,Envr,World Agri	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation AND
ECON 1A	Princ of Microecon	(4)	ECON 304 Principles of (3) Microeconomics
	OR		OR
ECON 1B	Princ of Macroecon	(4)	ECON 302 Principles of (3) Macroeconomics
ENVHORT 1	Intro Envhort/Urb For	(3)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
ENVHORT 6	Intro Environ Plants	(4)	HORT 305 Plant (3) Identification-Fall Selections
			OR HORT 306 Plant (3) Identification-Spring Selections
PL SCI 5	Plants Gard, Orch & Land	(2)	HORT 305 Plant (3) Identification-Fall Selections
			OR HORT 306 Plant (3) Identification-Spring Selections
FORMERLY PL	ANT BIO 1		,
ENV S&P 10	Current Issues in Environment	(3)	GEOG 302 Environmental Studies (3) & Sustainability
			<u>OR</u> BIOL 350 Environmental Biology (3)
ENV S&P	10 not open for credit to	stud	ents who have completed ENV S&P 1
ENV TOX 10	Intro Environ	(3)	NO COURSE ARTICULATED: College has not
	Toxicology Water, Power, Society SCI&SOC 10	(3)	<pre>submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation</pre>
	Agr Nature & Society Bot Physio Cul Plt		NO COMPARABLE COURSE

PL SCI 15	Intro Sustainable Agriculture		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PL SCI 49 VIT-ENO 2	Org Crop Prod Prac Intro to Viticult		NO COURSE ARTICULATED: College has not submitted course(s) for articulation PLTS 320 Viticulture and (3)
			Enology
VIT-ENO 3	Intro Winemaking	(3)	NO COMPARABLE COURSE
DIOLOGI DA	-		WING COURSES:
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 400 Principles of Biology (5)
BIOLSCI 2B		(5)	BIOL 400 & Principles of Biology (5)
	& Evolution		BIOL 410 & Principles of Botany(5)BIOL 420Principles of Zoology(5)
 Снем 2а	 Genl Chemistry		CHEM 400 General Chemistry (5)
			CHEM 400 & General Chemistry (5)
			CHEM 401 General Chemistry (5)
			GEOL 300 Physical Geology (3)
GEOLOGY 20	California Geology	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
SOILSCI 10	Soils in Our	(3)	HORT 302 Soils, Soil (3)
	Environment		Management, and Plant Nutrition
			Same as: PLTS 310
 Матн 16а	Short Calculus	(3)	MATH 350 Calculus for the Life (3)
	Shore carcarab	(3)	and Social Sciences I
			<u>OR</u> MATH 400 Calculus I (5)
MATH 16B	Short Calculus	(3)	MATH 351 Calculus for Life and (3)
			Social Sciences II OR
			MATH 401 Calculus II (5)
MATH 17A	OR Calculus for BioSci	(4)	OR MATH 350 Calculus for the Life (3)
		. ,	and Social Sciences I
			OR MATH 355 Calculus for Biology
		(4)	and Medicine I (4)
МАТН 17В	Calculus for Biosci	(4)	MATH 356 Calculus for Biology and Medicine II (4)
	OR		OR
MATH 21A	-	(4)	MATH 400 Calculus I (5)
MATH 21B	Calculus	(4)	MATH 401 Calculus II (5)
PHYSICS 7A	General Physics	(4)	PHYS 350 & General Physics (4)
			PHYS 360 General Physics (4) OR
			PHYS 370 & Introductory Physics - (5)
			Mechanics and Thermodynamics
			PHYS 380 Introductory Physics - (5)
			Electricity and Magnetism, Light and
			Modern Physics
PHYSICS 7B	General Physics	(4)	PHYS 350 & General Physics(4)PHYS 360General Physics(4)
			PHYS 360 General Physics (4)
			PHYS 370 & Introductory Physics - (5) Mechanics and

Thermodynamics PHYS 380 Introductory Physics - (5) Electricity and Magnetism, Light and Modern Physics It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

END OF MAJOR

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

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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College Foreign Language Requirement Note:

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

information.

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

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

AMR STD 10 Intro American Studies (4) HUM 332 American Humanities (3)

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			
AMR STD 21 Objects & Everyday Life	(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
AMR STD 25 U.S. as Business Culture	(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
AMR STD 30 Amr Images Pop Cult	(4) NO COMPARABLE COURSE		
AMR STD 55 Food in Amer Culture Same as: 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 Af-Am Culture & Soc A A STD 1 Hist Exp Asian Am CHICANO 10 Intro to Chic Std	 (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (4) NO COMPARABLE COURSE (4) NO COURSE ARTICULATED: College has not 		
N A STD 1 Intro NA Studies	<pre> submitted course(s) for articulation (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation</pre>		
N A STD 1 Intro NA Studies	submitted course(s) for articulation (4) NO COURSE ARTICULATED: College has not		
N A STD 1 Intro NA Studies	<pre>submitted course(s) for articulation (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation OM THE FOLLOWING:</pre>		
N A STD 1 Intro NA Studies ONE COURSE FROM ANTHRO 2 Cultural Anthropology SOCIOL 2 Self and Society	<pre>submitted course(s) for articulation (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation OM THE FOLLOWING: (5) ANTH 310 Cultural Anthropology (3) OR ANTH 313 Introduction to (3) Cultural Anthropology: Medical Focus</pre>		
N A STD 1 Intro NA Studies ONE COURSE FROM ANTHRO 2 Cultural Anthropology SOCIOL 2 Self and Society WOM STD 50 Intro Gender Studies	<pre>submitted course(s) for articulation (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation OM THE FOLLOWING: (5) ANTH 310 Cultural Anthropology (3) OR ANTH 313 Introduction to (3) Cultural Anthropology: Medical Focus (4) NO COMPARABLE COURSE (4) NO COURSE ARTICULATED: College has not</pre>		
N A STD 1 Intro NA Studies ONE COURSE FROM ANTHRO 2 Cultural Anthropology SOCIOL 2 Self and Society WOM STD 50 Intro Gender Studies	<pre> submitted course(s) for articulation (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation OM THE FOLLOWING: (5) ANTH 310 Cultural Anthropology (3) OR ANTH 313 Introduction to (3) Cultural Anthropology: Medical Focus (4) NO COMPARABLE COURSE (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation OM THE FOLLOWING: (4) HIST 312 History of the United (3)</pre>		
N A STD 1 Intro NA Studies ONE COURSE FROM ANTHRO 2 Cultural Anthropology SOCIOL 2 Self and Society WOM STD 50 Intro Gender Studies ONE COURSE FROM	<pre>submitted course(s) for articulation (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation OM THE FOLLOWING: (5) ANTH 310 Cultural Anthropology (3) OR ANTH 313 Introduction to (3) Cultural Anthropology: Medical Focus (4) NO COMPARABLE COURSE (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation OM THE FOLLOWING:</pre>		

	omen & Gender omen & Gender	• •	 NO COI HIST		History JE COURSE Women in History	American	(3)
	ONE COURSE FRO	OM TH	HE FOL	LOWING:			
ENGLISH 3 Intro t	to Lit	(4)	ENGWR 	301	College and Lite	Composition erature	(3)
/	iteratures in nglish I: To 1700	(4)	ENGLT 	310	English	Literature I	(3)
Er	iteratures in nglish II:	(4)	ENGLT	R	2	Literature II	. ,
17	700-1900		ENGLT	320	Americar	n Literature	(3)
/	iteratures in nglish III: 1900	(4)	ENGLT	-	English	Literature II	(3)
to) Present		ENGLT 	321	Americar II	n Literature	(3)
FILM ST 1 Intro t	to Film Studies	(4)	FMS 3		Introducti Studies	ion to Film	(3)
Formerly Humani	iting 10		•				

Formerly Humanities 10

END OF MAJOR

m) If a student takes ENGLT 311 at Cosumnes River College, credit will be given for UC Davis's ENGLISH 10B or ENGLISH 10C, but not both.

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

Special Advising Note:

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

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

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academic advisor to understand how to complete all of the GE components.

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

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

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

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

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

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BIOLSCI 2A	Intro Biology:Life on Earth	(5)	 BIOL 	400	Principles of Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL BIOL BIOL	410	& Principles of Botany	(5) (5) (5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL BIOL 			(5) (5)
CHEM 2B Ge	enl Chemistry enl Chemistry enl Chemistry	(5)	CHEM CHEM CHEM CHEM	400 401	General Chemistry General Chemistry	(5) (5) (5) (5)
	ganic Chem-Brief ganic Chem-Brief OR		:		ABLE COURSE ABLE COURSE OR	

CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 420 <u>&</u> CHEM 421	Organic Chemistry Organic Chemistry	(5) (5)
CHEM 118B	Org Chem, Hlth & Sci	(4)		Organic Chemistry Organic Chemistry	(5)
MATH 16A	Short Calculus	(3)	MATH 350 	Calculus for the Life and Social Sciences I	(3)
MATH 16B	Short Calculus	(3)	<u>OR</u> MATH 400 MATH 351 OR	Calculus I Calculus for Life and Social Sciences II	(5) (3)
МАТН 16С	Short Calculus	(3)	<u>OK</u> MATH 401 MATH 351 OR	Calculus II Calculus for Life and Social Sciences II	(5) (3)
	OR		<u>0K</u> MATH 401 	Calculus II OR	(5)
MATH 17A	Calculus for BioSci	(4)	MATH 350 OR	Calculus for the Life and Social Sciences I	(3)
MATH 17B	Calculus for Biosci	(4)	MATH 355	Calculus for Biology and Medicine I Calculus for Biology	(4)
	carcaras for broser	(1)		and Medicine II	(4)
MATH 17C	Calculus for BioSci OR	(4)	MATH 356 	Calculus for Biology and Medicine II OR	(4)
MATH 21A	Calculus	(4)	MATH 400	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 401	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 402	Calculus III	(5)
		(4)		General Physics	
			PHYS 370 &	Introductory Physics - Mechanics and Thermodynamics	(5)
			PHYS 380	Introductory Physics - Electricity and Magnetism, Light and	(5)
PHYSICS 7B	General Physics	(1)		Modern Physics	(1)
PHISICS /B	General Physics	(4)	PHYS 350 <u>&</u> PHYS 360	General Physics General Physics	(4) (4)
			OR		
			PHYS 370 <u>&</u> 	Introductory Physics - Mechanics and Thermodynamics	(5)
			PHYS 380	Introductory Physics - Electricity and Magnetism, Light and	(5)
PHYSICS 7C	General Physics	(4)	PHYS 350 & PHYS 360	Modern Physics General Physics General Physics	(4) (4)
			<u>OR</u> PHYS 370 <u>&</u> 	Introductory Physics - Mechanics and	(5)
			 PHYS 380 	Thermodynamics Introductory Physics - Electricity and Magnetism, Light and Modern Physics	(5)

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

STATIST 13 Same as: S	Elementary Statistics TATIST 13Y	(4)		Introduction to Probability and Statistics	(4)
			OR		
			PSYC 330	Introductory	(3)
				Statistics for	
			İ	Behavioral Sciences	
			OR		
			ECON 310	Economic Statistics	(3)
AN BIOL 50A	Animal Biol Lab	(2)	NO COURSE	ARTICULATED: College ha	s not
			submitted	course(s) for articulat	ion
AN BIOL 50B	Animal Biology	(3)	NO COURSE	ARTICULATED: College ha	s not
		(-)	1	course(s) for articulat	
AN BIOL 50C	Animal Biology	(3)		ARTICULATED: College ha	
Int Diol 500	miniar prorogy	(3)	1	course(s) for articulat	

END OF MAJOR

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

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AN SCI 1 AN SCI 2	Domest Ani & People Intro Animal Sci	• •		
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 400 	Principles of Biology (5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 400 <u>&</u> BIOL 410 <u>&</u> BIOL 420	Principles of Botany (5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 410 <u>&</u> BIOL 420	Principles of Botany (5) Principles of Zoology (5)

	Genl Chemistry				(5)
CHEM 2B	Genl Chemistry				(5)
				General Chemistry	(5)
	Organic Chem-Brief	(2)	NO COMPARA	ABLE COURSE	
	Organic Chem-Brief			ABLE COURSE	
	Computers in Technology				(3)
	1 51	. ,		Application	. ,
	OR	(OR	(2)
B) ENG CS	15 Intro to Computers	(4)	CISC 310	Introduction to Computer Information	(3)
				Science	
ECON 1A	Princ of Microecon	(4)	ECON 304	Principles of Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 302	Principles of	(3)
			İ	Macroeconomics	
 мсмт 11л	Elem Accounting	(4)	ACCT 301	Financial Accounting	(4)
MGMT 11A MGMT 11B	Elem Accounting	(4)	ACCT 311	Managerial Accounting	
MATH 16A	Short Calculus	(3)	MATH 350	Calculus for the Life	(3)
			OR	and Social Sciences I	
			MATH 400	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 351	Calculus for Life and	(3)
			OR	Social Sciences II	
			<u>0R</u> MATH 401	Calculus II	(5)
MATH 16C	Short Calculus	(3)	MATH 351	Calculus for Life and	
				Social Sciences II	
			<u>OR</u> MATH 401	Calculus II	(5)
	OR			OR	())
MATH 17A	Calculus for BioSci	(4)	MATH 350	Calculus for the Life	(3)
				and Social Sciences I	
			<u>OR</u> MATH 355	Calculus for Biology	
				and Medicine I	(4)
MATH 17B	Calculus for Biosci	(4)	MATH 356	Calculus for Biology	
				and Medicine II	(4)
MATH 17C	Calculus for BioSci	(4)	MATH 356	Calculus for Biology	
		()	1	and Medicine II	(4)
	OB		1	OP	
MATH 21A	OR Calculus	(4)	 MATH 400	OR Calculus I	(5)
	Calculus		MATH 401	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 402	Calculus III	(5)

AREAS OF SPECIALIZATION:

AQUATIC ANIMALS SPECIALIZATION

AN SCI 18	Intro Aquaculture	(4) NO COMPARABLE COURSE
	COMPANION	ANIMALS SPECIALIZATION
AN SCI 42	Intro Comp Ani Bio	(4) NO COMPARABLE COURSE

DAIRY SPECIALIZATION

		<pre>(2) NO COMPARABLE COURSE (2) NO COURSE ARTICULATED: College has not submitted course(s) for articulation</pre>
	EQUINE S	SPECIALIZATION
AN SCI 15	Intro Horse Husb	(3) ANSC 305 Equine Health (3)
	LIVESTOCI	K SPECIALIZATION
		<pre>(2) NO COMPARABLE COURSE (2) NO COURSE ARTICULATED: College has not submitted course(s) for articulation</pre>
	POULTRY	SPECIALIZATION
AV SCI 11	Intro Poultry Sci	(3) NO COMPARABLE COURSE
	RESTRICTED EL	ECTIVES (12 QUARTER UNITS):
AGRESEC 18		(4) BUS 340 Business Law (3)
END OF MAJO)R	

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

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

Special Advising Note:

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

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

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AN SCI 1	Domest Ani & People	(4)	NO COMPARABLE COURSE
AN SCI 2	Intro Animal Sci	(4)	ANSC 300 Introduction to Animal (3)
			Science
AN SCI 41	Domestic Ani Prod	(2)	NO COMPARABLE COURSE
AN SCI 41L	Domest An Prod Lab	(2)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 400 Principles of Biology (5)
BIOLSCI 2B	Intro Biology: Ecology	(5)	BIOL 400 & Principles of Biology (5)
	& Evolution		BIOL 410 & Principles of Botany (5)
			BIOL 420 Principles of Zoology (5)

BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL BIOL 	410 <u>&</u> 420	Principles of Botany Principles of Zoology	(5) (5)
CHEM 2A CHEM 2B	Genl Chemistry Genl Chemistry	(5) (5)	CHEM CHEM CHEM	400 400 <u>&</u> 401	General Chemistry General Chemistry General Chemistry	(5) (5) (5)
	Organic Chem-Brief Organic Chem-Brief OR				OR	
	Org Chem, Hlth & Sci		CHEM	421	Organic Chemistry	(5) (5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM	420 <u>&</u>	Organic Chemistry Organic Chemistry	(5)
MATH 16A	Short Calculus	(3)		350 R	Calculus for the Life and Social Sciences I	(3)
MATH 16B	Short Calculus	(3)	MATH MATH 01	351	Calculus I Calculus for Life and Social Sciences II	(5) (3)
	OR				Calculus II OR	(5)
MATH 17A	Calculus for BioSci	(4)	MATH 	350	-	(3)
				<u>)78</u> 355	Calculus for Biology	
МАТН 17В	Calculus for Biosci	(4)	MATH	356		(4)
					and Medicine II	(4)
MATH 21A	OR Calculus	(4)	 MATH	400	OR Calculus I	(5)
	Calculus	(4)	MATH	401	Calculus II	(5)

AREAS OF SPECIALIZATION:

AQUATIC ANIMALS

AN SCI 18	Intro Aquaculture	(4) NO COMPARABLE COURSE
	AVIAN SC	IENCES
AV SCI 13	Birds,Humans & Env	(3) NO COMPARABLE COURSE
	COMPANION AND	CAPTIVE ANIMALS
AN SCI 42	Intro Comp Ani Bio	(4) NO COMPARABLE COURSE
	EQUINE S	CIENCE
AN SCI 15	Intro Horse Husb	(3) ANSC 305 Equine Health (3)

LABORATORY ANIMALS

POULTRY

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

END OF MAJOR

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

Special Advising Note:

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College Foreign Language Requirement Note:

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

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	EVOLUT	IONARY EMPHASIS:		
ANTHRO 1	Human Evol Biol	(4) ANTH 300	Physical Anthropology	(3)
ANTHRO 2	Cultural Anthropology	(5) ANTH 310	Cultural Anthropology	(3)

			<u>OR</u> ANTH 313 	Introduction to Cultural Anthropology:	(3)
ANTHRO 3	Intr to Archaeology	(4)	 ANTH 323 	Medical Focus Introduction to Archaeology	(3)
	ONE COURSE FRO	OM TI	HE FOLLOWII	NG:	
ANTHRO 15	Human Life Cycle	(5)	ANTH 374	Birth to Death: The Anthropology of Primate Culture and Behavior	(3)
ANTHRO 23	Intr World Prehist	(4)	ANTH 324	World Prehistory	(3)
ANTHRO 24	Ancient Crops and People	(4)		<pre>ARTICULATED: College has course(s) for articulatic</pre>	
ANTHRO 50	Evolution and Human	(4)		ARTICULATED: College has	
	Nature			course(s) for articulation	
ANTHRO 54	Intro to Primatology	(4)		ARTICULATED: College has	
			submittea 	course(s)for articulation	1
	ONE COURSE FRO	ом ті	HE FOLLOWIN	٩G:	
ANTHRO 13	Sci Method in Physical	(4)		ARTICULATED: College has	
SOCIOL 46B	Anthropology Intro Social Rsch	(5)		course(s) for articulatio ABLE COURSE	on
STATIST 13	Elementary Statistics STATIST 13Y		STAT 300	Introduction to Probability and Statistics	(4)
			<u>Or</u> psyc 330 	Introductory Statistics for Behavioral Sciences	(3)
			OR		
CHARTCH 20	Catavar to Data Caionas	(1)	ECON 310	Economic Statistics ARTICULATED: College has	(3)
SIAIISI 32	Gateway to Data Science	(4)		course(s) for articulatio	
	SOCIOCUI	LTUR	AL EMPHASIS		
ANTHRO 2	Cultural Anthropology	(5)	ANTH 310 OR	Cultural Anthropology	(3)
			ANTH 313	Introduction to Cultural Anthropology: Medical Focus	(3)
	TWO COURSES FI	ROM	THE FOLLOW	ING:	
			ANTH 300		(3)
ANTHRO 3	Intr to Archaeology	(4)	ANTH 323 	Introduction to Archaeology	(3)
anthro 4	Anthro Linguistics	(4)	ANTH 341	Introduction to Linguistics	(3)

SELECT ONE OF THE FOLLOWING TWO OPTIONS:

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

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

anthro 32	Drugs, Science and Culture	(4)	NO COURSE	<pre>course(s)for articulation ARTICULATED: College has not course(s) for articulation</pre>
Same as:	SCI&TEC 32		ĺ	
ANTHRO 34	Cultures of Consumerism	(4)	NO COURSE	ARTICULATED: College has not
			submitted	course(s) for articulation

END OF MAJOR

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

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ANTHRO Z	Cultural Anthropology	(5) ANTH 310 <u>OR</u>	Cultural Anthropology	(3)
		ANTH 313	Introduction to Cultural Anthropology:	(3)
			Medical Focus	
ANTHRO 3	Intr to Archaeology	(4) ANTH 323 	Introduction to Archaeology	(3)
BIOLSCI 2A	Intro Biology:Life on	(5) BIOL 400	Principles of Biology	(5)

	Earth			
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 400 <u>&</u> Principles of Bio BIOL 410 & Principles of Bot	
			BIOL 420 Principles of Zoo	
BIOLSCI 2C			BIOL 410 & Principles of Bot BIOL 420 Principles of Zoo	
	of Life			
			CHEM 400 General Chemistry	
CHEM 2B (Genl Chemistry	(5)	CHEM 400 <u>&</u> General Chemistry CHEM 401 General Chemistry	(5)
	Organic Chem-Brief Organic Chem-Brief			
СНЕМ 1182	OR Org Chem Hith & Sci	(4)	OR CHEM 420 & Organic Chemistry	(5)
			CHEM 421 Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 420 <u>&</u> Organic Chemistry CHEM 421 Organic Chemistry	
 МАТН 16А	Short Calculus	(2)	MATH 350 Calculus for the	
MAIN IOA	Short Carcurus	(3)	and Social Science	
			OR MATH 400 Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 351 Calculus for Life	and (3)
			Social Sciences I OR	T
MATH 16C	Short Calculus	(3)	MATH 401 Calculus II MATH 351 Calculus for Life	(5) and (3)
MATH TOC	Short Carcuras	(3)	Social Sciences I	
			OR MATH 401 Calculus II	(5)
	OR	(4)	OR	
MATH 17A	Calculus for BioSci	(4)	MATH 350 Calculus for the and Social Science	
			OR MATH 355 Calculus for Biol	0077
			and Medicine I	
MATH 17B	Calculus for Biosci	(4)	MATH 356 Calculus for Biol and Medicine II	ogy (4)
MATH 17C	Calculus for BioSci	(4)	MATH 356 Calculus for Biol	ogy
			and Medicine II	(4)
MATH 21A	OR Calculus	(4)	OR MATH 400 Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 400Calculus IMATH 401Calculus IIMATH 402Calculus III	(5)
MATH 21C	Calculus	(4) 	MATH 402 Calculus III	(5)
	ONE COURSE FR	OM T	HE FOLLOWING:	
ANTHRO 13	Sci Method in Physical	(4)	NO COURSE ARTICULATED: Colleg	
SOCIOL 46B	Anthropology Intro Social Rsch	(5)	submitted course(s) for artic NO COMPARABLE COURSE	ulacion
STATIST 13	Elementary Statistics STATIST 13Y	(4)	STAT 300 Introduction to Probability and	(4)
Jame as.	OTUTIOT TOT		Statistics	
			OR PSYC 330 Introductory	(3)
			Statistics for	
			Behavioral Scienc OR	es
			ECON 310 Economic Statisti	
STATIST 32	Gateway to Data Science	(4)	NO COURSE ARTICULATED: Colleg	e nas not

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

Recommended Language Preparation Note:

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

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

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

MATH 21A	Calculus	(4) M	1ATH 400	Calculus I	(5)
MATH 21B	Calculus	(4) M	1ATH 401	Calculus II	(5)
MATH 21C	Calculus	(4) M	1ATH 402	Calculus III	(5)
MATH 21D	Vector Analysis	(4) M	1ATH 402	Calculus III	(5)
MATH 22B	Differntl Equations	(3) M	1ATH 420	Differential Equations	(4)
MATH 22AL	Lin Alg Comp Lab	(1) N	IO COURSE	ARTICULATED: College has n	not
		s	submitted	course(s) for articulation	

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

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

OR

OTHER APPROVED APPLIED PREPARATORY COURSES

END OF MAJOR

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

Special Advising Note:

Transfer students are strongy advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is highy recommended that students complete a calculus-based physics series, a

calculus series through linear algebra and differential equations, and a formal course in C programming before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree. As a result, students who expect to graduate in two years will need the recommended courses upon entry.

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

Special Advising Note for future applicants:*

Beginning fall 2020, the major 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 $\underline{\texttt{General}\ \texttt{Catalog}}$. Quick reference charts for $\underline{\texttt{AP}}$ and $\underline{\texttt{IB}}$ are also available from our TAG website.

PHYSICS 9A Classical Physics	(5)	PHYS 411 Mechanics of Solids (4) and Fluids
PHYSICS 9B Classical Physics	(5)	PHYS 431 Heat, Waves, Light and (4)
PHYSICS 9C Classical Physics	(5)	Modern Physics PHYS 421 Electricity and (4)
	(3)	Magnetism
PHYSICS 9D Modern Physics OR	(4)	NO COMPARABLE COURSE
PHYSICS 9HA Honors Physics	(5)	NO COURSE ARTICULATED: College has not
		submitted course(s) for articulation
PHYSICS 9HB Honors Physics	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PHYSICS 9HC Honors Physics	(5)	NO COURSE ARTICULATED: College has not
	(-)	submitted course(s) for articulation
PHYSICS 9HD Honors Physics	(5)	NO COURSE ARTICULATED: College has not
	<i>.</i> – .	submitted course(s) for articulation
PHYSICS 9HE Honors Physics	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
		Submitted course(s) for articulation
MATH 21A Calculus	(4)	MATH 400 Calculus I (5)
MATH 21B Calculus		MATH 401 Calculus II (5)
MATH 21C Calculus		MATH 402 Calculus III (5)
MATH 21D Vector Analysis		MATH 402 Calculus III (5)
MATH 22A Linear Algebra	(3)	MATH 410Introduction to Linear (3)Algebra
MATH 22B Differntl Equations	(3)	MATH 420 Differential Equations (4)
		(-,
		S CONCENTRATION
PHYSICS 40 Intr Physics Computation	(4)	NO COURSE ARTICULATED
CUENTCAL DU		S CONCENTRATION
		CHEM 400 General Chemistry (5)
CHEM 2B Genl Chemistry	(5)	$ CHEM 400 \underline{\&} General Chemistry (5) $
-		CHEM 401 General Chemistry (5)
CHEM 2C Genl Chemistry	(5)	CHEM 401 General Chemistry (5)
PHYSICS 40 Intr Physics Computation	(4)	NO COURSE ARTICULATED
		SICS CONCENTRATION
		CISP 360 Introduction to (4)
Formerly ENG CS 30	(1)	Structured Programming
ENG CS 36B Object-Oriented Program	(4)	
Formerly ENG CS 40		Programming with C++
		OR
		CISP 401 Object Oriented (4)
		Programming with JAVA
Please note that the community co	llea	e's computer science courses
may not be identical to UC Davis		
upon transfer to UC Davis, may ne	ed t	o make up any topic or language
deficiencies.		
GEODHYSTO	s co	 NCENTRATION
PHYSICS 40 Intr Physics Computation		
		CE CONCENTRATION
PHYSICS 40 Intr Physics Computation	(4)	NO COURSE ARTICULATED

PHYSICAL ELECTRONICS CONCENTRATION						
ENGIN 17	Circuits I	(4) ENGR 400 Introduction to	(3)			
		Electrical Circuits				
		and Devices				
PHYSICS 40	Intr Physics Computation	n (4) NO COURSE ARTICULATED				
PHYSICS 80	Experimental Techniques	(4) NO COURSE ARTICULATED				
		İ				
·						
PHYSICAL OCEANOGRAPHY CONCENTRATION						

PHYSICS 40 Intr Physics Computation (4) NO COURSE ARTICULATED

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG 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 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

FOUR COURSES F	ROM	THE FOLLOWING:
ARTHI 1A Ancient Mediterranean Art	: (4)	ARTH 303 Art Survey: Ancient to (3)
		14th Century
ARTHI 1B Mediev&Renaiss Art	(4)	
		Renaissance to 19th
		Century
ARTHI 1C Baroque to Modern Art	(4)	ARTH 311Art Survey: Modern Art (3)ARTH 332Asian Art(3)
ARTHI 1D Arts of Asia		
ARTHI 1E Islamic Art &	(4)	NO COURSE ARTICULATED: College has not
Architecture		submitted course(s) for articulation
ARTHI 5 Visual Culture	(4)	NO COURSE ARTICULATED: College has not
		submitted course(s) for articulation
ARTHI 25 Understanding	(4)	ARCH 310 History of (3)
Architecture		Architecture
ONE ART STU	JDIO (COURSE FROM:
ART 2 Beginning Drawing	(4)	ART 300 & Elementary Drawing and (3)
		Composition I
		ART 302 Elementary Drawing and (3)
		Composition II
ART 5 Beginning Sculpture	(4)	NO COURSE ARTICULATED: College has not
		submitted course(s)for articulation
ART 7 Beginning Painting		NO COMPARABLE COURSE
ART 8 Beginning Ceramic Sculpture	(4)	NO COURSE ARTICULATED: College has not
		submitted course(s) for articulation
ART 9 Beginning Photography	(4)	PHOTO 301 Beginning Photography (3)
		Same as: ARTPH 301
		OR
		ARTPH 301 Beginning Photography (3)
		Same as: PHOTO 301
		PHOTO 302 Beginning Digital (3)
	(1)	Photography
ART 11 Beginning Printmaking		ART 361 Printmaking: Survey (3)
ART 12 Beginning Video	(4)	NO COURSE ARTICULATED: College has not
	(1)	submitted course(s) for articulation
ART 24 Intro Experimental Video and Film	(4)	NO COURSE ARTICULATED: College has not
and Film END OF MAJOR		submitted course(s) for articulation
END OF MAJOK		

====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:

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College Foreign Language Requirement Note:

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

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

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

FOUR COURSES FROM THE FOLLOWING:

	FOUR COURSES FI	ROM :	LHE LOTTOM	ING:
ART 2	Beginning Drawing	(4)	ART 300 <u>&</u>	1 5
				Composition I
			ART 302	Elementary Drawing and (3)
				Composition II
ART 5	Beginning Sculpture	(4)		ARTICULATED: College has not
			submitted	course(s)for articulation
ART 7	Beginning Painting	(4)	NO COMPAR	ABLE COURSE
ART 8	Beginning Ceramic Sculpture	(4)	NO COURSE	ARTICULATED: College has not
			submitted	course(s) for articulation
ART 9	Beginning Photography	(4)		Beginning Photography (3)
			Same a	s: ARTPH 301
			OR	
			ARTPH 301	Beginning Photography (3)
				s: PHOTO 301
			OR	
			PHOTO 302	Beginning Digital (3)
			111010 001	
				Photography
ART 11	Beginning Printmaking	• •	 ART 361	Photography Printmaking: Survey (3)
ART 11 ART 12	Beginning Printmaking Beginning Video	• •	 ART 361 NO COURSE	Photography Printmaking: Survey (3) ARTICULATED: College has not
	Beginning Video	(4)	 ART 361 NO COURSE submitted	Photography Printmaking: Survey (3) ARTICULATED: College has not course(s) for articulation
ART 12	Beginning Video TWO LECTURE COURSES CHO	(4) SSEN	ART 361 NO COURSE submitted FROM THE	Photography Printmaking: Survey (3) ARTICULATED: College has not course(s) for articulation FOLLOWING:
	Beginning Video TWO LECTURE COURSES CHO Intro Experimental Video	(4) SSEN	ART 361 NO COURSE submitted FROM THE NO COURSE	Photography Printmaking: Survey (3) ARTICULATED: College has not course(s) for articulation FOLLOWING: ARTICULATED: College has not
ART 12	Beginning Video TWO LECTURE COURSES CHO Intro Experimental Video and Film	(4) OSEN (4)	ART 361 NO COURSE submitted FROM THE NO COURSE submitted	Photography Printmaking: Survey (3) ARTICULATED: College has not course(s) for articulation FOLLOWING: ARTICULATED: College has not course(s) for articulation
ART 12	Beginning Video TWO LECTURE COURSES CHO Intro Experimental Video	(4) OSEN (4)	ART 361 NO COURSE submitted FROM THE NO COURSE submitted NO COURSE	Photography Printmaking: Survey (3) ARTICULATED: College has not course(s) for articulation FOLLOWING: ARTICULATED: College has not course(s) for articulation ARTICULATED: College has not
ART 12 ART 24 ART 30	Beginning Video TWO LECTURE COURSES CHO Intro Experimental Video and Film Contemp Vis Culture	(4) OSEN (4) (4)	ART 361 NO COURSE submitted FROM THE NO COURSE submitted NO COURSE submitted	Photography Printmaking: Survey (3) ARTICULATED: College has not course(s) for articulation FOLLOWING: ARTICULATED: College has not course(s) for articulation ARTICULATED: College has not course(s) for articulation
ART 12	Beginning Video TWO LECTURE COURSES CHO Intro Experimental Video and Film	(4) OSEN (4) (4)	ART 361 NO COURSE submitted FROM THE NO COURSE submitted NO COURSE submitted	Photography Printmaking: Survey (3) ARTICULATED: College has not course(s) for articulation FOLLOWING: ARTICULATED: College has not course(s) for articulation ARTICULATED: College has not course(s) for articulation Art Survey: Ancient to (3)
ART 12 ART 24 ART 30 ARTHI 1A	Beginning Video TWO LECTURE COURSES CHO Intro Experimental Video and Film Contemp Vis Culture Ancient Mediterranean Art	(4) DSEN (4) (4) (4) (4)	ART 361 NO COURSE submitted FROM THE NO COURSE submitted NO COURSE submitted ARTH 303	Photography Printmaking: Survey (3) ARTICULATED: College has not course(s) for articulation FOLLOWING: ARTICULATED: College has not course(s) for articulation ARTICULATED: College has not course(s) for articulation Art Survey: Ancient to (3) 14th Century
ART 12 ART 24 ART 30	Beginning Video TWO LECTURE COURSES CHO Intro Experimental Video and Film Contemp Vis Culture	(4) DSEN (4) (4) (4) (4)	ART 361 NO COURSE submitted FROM THE NO COURSE submitted NO COURSE submitted	Photography Printmaking: Survey (3) ARTICULATED: College has not course(s) for articulation FOLLOWING: ARTICULATED: College has not course(s) for articulation ARTICULATED: College has not course(s) for articulation Art Survey: Ancient to (3) 14th Century Art Survey: (3)
ART 12 ART 24 ART 30 ARTHI 1A	Beginning Video TWO LECTURE COURSES CHO Intro Experimental Video and Film Contemp Vis Culture Ancient Mediterranean Art	(4) DSEN (4) (4) (4) (4)	ART 361 NO COURSE submitted FROM THE NO COURSE submitted NO COURSE submitted ARTH 303	Photography Printmaking: Survey (3) ARTICULATED: College has not course(s) for articulation FOLLOWING: ARTICULATED: College has not course(s) for articulation ARTICULATED: College has not course(s) for articulation Art Survey: Ancient to (3) 14th Century Art Survey: (3) Renaissance to 19th
ART 12 ART 24 ART 30 ARTHI 1A ARTHI 1B	Beginning Video TWO LECTURE COURSES CHO Intro Experimental Video and Film Contemp Vis Culture Ancient Mediterranean Art Mediev&Renaiss Art	 (4) (5) (5) (1) /ul>	ART 361 NO COURSE submitted FROM THE Submitted NO COURSE submitted ARTH 303 ARTH 309	Photography Printmaking: Survey (3) ARTICULATED: College has not course(s) for articulation FOLLOWING: ARTICULATED: College has not course(s) for articulation ARTICULATED: College has not course(s) for articulation ARTICULATED: College has not course(s) for articulation Art Survey: Ancient to (3) 14th Century Art Survey: (3) Renaissance to 19th Century
ART 12 ART 24 ART 30 ARTHI 1A	Beginning Video TWO LECTURE COURSES CHO Intro Experimental Video and Film Contemp Vis Culture Ancient Mediterranean Art	 (4) (4) (4) (4) (4) (4) (4) (4) (4) 	ART 361 NO COURSE submitted FROM THE NO COURSE submitted NO COURSE submitted ARTH 303	Photography Printmaking: Survey (3) ARTICULATED: College has not course(s) for articulation FOLLOWING: ARTICULATED: College has not course(s) for articulation ARTICULATED: College has not course(s) for articulation Art Survey: Ancient to (3) 14th Century Art Survey: (3) Renaissance to 19th

ARTHI 1E	Islamic Art &	(4) NO COURSE ARTICULATED: College	e has not
	Architecture	submitted course(s) for artic	ulation
ARTHI 5	Visual Culture	(4) NO COURSE ARTICULATED: College	
		submitted course(s) for artic	ulation
ARTHI 25	Understanding	(4) ARCH 310 History of	(3)
	Architecture	Architecture	

END OF MAJOR

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

Special Advising Note:

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

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Transfer Admission Guarantee (TAG) Note:

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

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

Education(GE) Note:

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

College Foreign Language Requirement Note:

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

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

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

1 מידצ מ מ	Hist Exp Asian Am	(4) NO COMPARABLE COURSE	

	hitbe hip hibitan him	1, 10 commune		
A A STD 2	Contemp Issues of Asian	4) SOCSC 325	Asian Experience in	(3)
	Americans		America	
		Same as:	ETHNS 330	

a a std 3	Social & Psychological Perspectives of Asian Americans	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
a a std 4		(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	AT LEAST TWO COURSES FI	ROM	THE FOLLOWING:
AF-AMST 10	Af-Am Culture & Soc	(4)	NO COURSE ARTICULATED: College has not
10		(4)	submitted course(s) for articulation
AF-AMST 12	Intro Afro Studies Intro Afro Amer Hum	• •	POLS 317 Global Studies: Africa (3)
AF-AMST 15	Intro Alro Amer Hum	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AF-AMST 16	African Verbal Arts	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
AF-AMST 17	Women in Africa	(4)	NO COURSE ARTICULATED: College has not
10			submitted course(s) for articulation
AF-AMST 18	Intro Caribbean Studies	(4)	NO COURSE ARTICULATED: College has not
AF-AMST 50	Blk Images Pop Cult	(4)	<pre>submitted course(s)for articulation NO COURSE ARTICULATED: College has not</pre>
111 11101 50	Din images rop care	(1)	submitted course(s) for articulation
AF-AMST 51	History Af-Amr Dance	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
AF-AMST 52	Afr Tradit Relig	(4)	NO COURSE ARTICULATED: College has not
		(submitted course(s) for articulation
AF-AMST 80	Black Politics	(4)	NO COURSE ARTICULATED: College has not
AMR STD 1A	Science and American Culture	(4)	submitted course(s) for articulation 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	• •	NO COMPARABLE COURSE
AMR STD 10	Intro American Studies		HUM 332 American Humanities (3)
AMR STD 21	Objects & Everyday Life	(4)	NO COURSE ARTICULATED: College has not
AMR STD 25	U.S. as Business	(4)	submitted course(s) for articulation
AM SID 25	Culture	(1)	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
	FD S&T 55		submitted course(s) for articulation
AMR STD 59	Music and American	(4)	NO COURSE ARTICULATED: College has not
CUITCANO 10	Culture	(1)	submitted courses for articulation
CHICANO 10	Intro to Chic Std	(4)	submitted course(s) for articulation
CHICANO 21	Hlth Care Issues	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
CHICANO 30	US Poli & Chicanos	(4)	NO COURSE ARTICULATED: College has not
		,	submitted course(s) for articulation
CHICANO 40	Comparative Health	(4)	NO COURSE ARTICULATED: College has not
CHICANO 50	Chicano Culture	(1)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not
CHICANO JU	chicano culture	(=)	submitted course(s) for articulation
CHICANO 60	Chicana and Chicano	(4)	NO COURSE ARTICULATED: College has not
	Representn in Cinema	. ,	submitted course(s) for articulation
CHICANO 65	New Latin American	(4)	NO COURSE ARTICULATED: College has not
-	Cinema		submitted course(s) for articulation
CHICANO 70	Survey Chic Art	(4)	NO COURSE ARTICULATED: College has not
CUTCANO 72	Art Ever Cille Com	(1)	submitted course(s) for articulation
CHICANO 73	Art Expr Silk Scr	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
N A STD 1	Intro NA Studies	(4)	NO COURSE ARTICULATED: College has not
		/	submitted course(s) for articulation

n a std 5	Intro NA Literature	(4)		ARTICULATED: College has not
				course(s) for articulation
N A STD 7	Indig & Minority Langs	(4)		ARTICULATED: College has not
				course(s)for articulation
n a std 10	NA Experience	(4)		ARTICULATED: College has not
				course(s) for articulation
N A STD 12	Native Amer/Indigenous	(4)		ARTICULATED: College has not
	Film		•	course(s)for articulation
N A STD 32	NA Music & Dance	(4)	•	ARTICULATED: College has not
				course(s) for articulation
N A STD 33	Intro NA Art	(4)		ARTICULATED: College has not
			•	course(s) for articulation
n a std 34	NA Art Workshop	(4)		ARTICULATED: College has not
			•	course(s) for articulation
WOM STD 20	Cult Repr of Gndr	(4)		ARTICULATED: College has not
05				course(s) for articulation
WOM STD 25	Gender & Global Cinema	(4)		ARTICULATED: College has not
				course(s) for articulation
WOM STD 50	Intro Gender Studies	(4)		ARTICULATED: College has not
				course(s) for articulation
WOM STD 60	Feminist Critiques	(4)		ARTICULATED: College has not
			1	course(s) for articulation
WOM STD 70	Sexual:Thry&Hist	(4)		ARTICULATED: College has not
				course(s) for articulation
	LEAST TWO COURSES FROM THE			HODS COURSES:
ANTHRO 13	Sci Method in Physical	(4)		ARTICULATED: College has not
	Anthropology	(1)		course(s) for articulation
ARTHI 5 V	/isual Culture	(4)		ARTICULATED: College has not
		(1)		course(s) for articulation
	Art Appreciation		ARTH 300	
ART 30 Co	ontemp Vis Culture	(4)		ARTICULATED: College has not
CHICANO 23	Qualitativa Dagaarah	(1)		course(s) for articulation
CHICANO 23	Qualitative Research Methods	(4)		ARTICULATED: College has not
ENGLISH 42		(1)		<pre>course(s) for articulation ARTICULATED: College has not</pre>
ENGLISH 42	Approaches to Reading	(4)		course(s) for articulation
PHILOS 5	Quitigal Descening	(1)	PHIL 320	
PHILOS 5	Critical Reasoning	(4)	PHIL 320	Logic and Critical (3) Reasoning
n a std 46	Oriontation to Bogoarch	(1)	NO COUDCE	ARTICULATED: College has not
N A SID 40	in NAS	(4)	•	course(s) for articulation
POL SCI 51	Scientific Study of	(1)		ARTICULATED: College has not
POL SCI SI	Politics	(4)		course(s) for articulation
PSYCH 41	Research Methods	(1)	PSYC 335	Research Methods in (3)
PSICH 41	Research Methods	(4)		Psychology
SOCIOL 46A	Intro Social Rsch	(1)		ABLE COURSE
SOCIOL 46A	Intro Social Rsch			ABLE COURSE
STATIST 13	Elementary Statistics		STAT 300	Introduction to (4)
	STATIST 13Y	(4)	SIAI SUU	Probability and
Salle as.	STATIST 131		1	Statistics
			OR	SLALISLICS
			PSYC 330	Introductory (2)
			FOIC 330	Introductory (3) Statistics for
			1	Behavioral Sciences
				Denavioral Sciences
			<u>OR</u> ECON 310	Economic Statistics (3)
				Economic Statistics (3)

END OF MAJOR

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

Special Advising Note:

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

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 U<u>C Transfer Admission website</u>. The courses used for the A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 General Catalog . Quick reference charts for AP and IB are also available from our TAG website. _____ DI SCI 2 Bot Divisio Cul Dit (4) NO COMPARARIE COURSE

PL SCI 2	Bot Physio Cul Plt	(4) NO COMPARAE	3LE COURSE	
CHEM 2A CHEM 2B	Genl Chemistry Genl Chemistry	· · · · · · · · · · · · · · · · · · ·	General Chemistry General Chemistry General Chemistry	(5) (5) (5)
	A Programming Ly ENG CS 30	(4) CISP 360 	Introduction to Structured Programming	(4) (4)

or a course selected with advisor's approval

MATH 21A MATH 21B	Calculus Calculus				Calculus I Calculus II	(5)
	Calculus					(5)
	Vector Analysis				Calculus III	. ,
	Linear Algebra			410	Introduction to Linear	
	2				Algebra	
MATH 22B	Differntl Equations	(3)	MATH	420	Differential Equations	(4)
ATM SCI 60	Intro to Atmospheric Science	(4)	NO C()MPARAB	LE COURSE	
PHYSICS 9A	Classical Physics	(5)	 PHYS 	411	Mechanics of Solids and Fluids	(4)
PHYSICS 9B	Classical Physics	(5)		431	Heat, Waves, Light and Modern Physics	(4)
	Classical Physics	(5)	PHYS 		Electricity and Magnetism	(4)
STATIST 13	Elementary Statistics STATIST 13Y	(4)	STAT 0 1	300		(4)
				330	Introductory Statistics for Behavioral Sciences	(3)
			-	_	Economic Statistics	(3)
PREPARATION FOR GRADUATION:						

PREPARATION FOR GRADUATION

ENGIN	6	Engr	Prob	Solving

(4) NO COMPARABLE COURSE _____

END OF MAJOR

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

Special Advising Note:

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

for details regarding UC Davis TAG.

General Education (GE) Note:

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

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

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

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

END OF MAJOR

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

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

Mathematics 17A/B/C 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 $\underline{General\ Catalog}$. Quick reference charts for \underline{AP} and \underline{IB} are also

available from our TAG website.

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	 BIOL 	400	Principles of Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL	400 <u>&</u> 410 <u>&</u> 420	Principles of Botany	(5) (5) (5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		410 <u>&</u> 420	Principles of Botany	(5) (5)
	nl Chemistry nl Chemistry	• •		400 400 <u>&</u> 401	-	(5) (5) (5)
CHEM 2C Ge	nl Chemistry OR	(5)	CHEM	401	General Chemistry OR	(5)

CHEM 2AH CHEM 2BH CHEM 2CH	Honors Genl Chemistry Honors Genl Chemistry Honors Genl Chemistry	(5)	NO COMPARAE	BLE COURSE	
MATH 17A	Calculus for BioSci	(4)	MATH 350 OR	Calculus for the Life and Social Sciences I	(3)
			MATH 355	Calculus for Biology	
				and Medicine I	(4)
MATH 17B	Calculus for Biosci	(4)	MATH 356	Calculus for Biology and Medicine II	(4)
MATH 17C	Calculus for BioSci	(4)	MATH 356	Calculus for Biology	(1)
		. ,	1	and Medicine II	(4)
			I	OB	
MATH 21A	OR Calculus	(4)	 Math 400	OR Calculus I	(5)
MATH 21B	Calculus	. ,	MATH 401	Calculus II	(5)
PHYSICS 7A	General Physics	(4)		General Physics	(4)
			PHYS 360 OR	General Physics	(4)
			PHYS 370 &	Introductory Physics -	(5)
			 	Mechanics and	(-)
				Thermodynamics	
			PHYS 380	Introductory Physics -	(5)
				Electricity and	
			1	Magnetism, Light and Modern Physics	
PHYSICS 7B	General Physics	(4)	PHYS 350 &		(4)
INIDICO /D	General Inybieb	(1)	PHYS 360	General Physics	(4)
			OR		
			PHYS 370 &	Introductory Physics -	(5)
				Mechanics and	
			 PHYS 380	Thermodynamics Introductory Physics -	(5)
				Electricity and	(3)
				Magnetism, Light and	
				Modern Physics	
PHYSICS 7C	General Physics	(4)	PHYS 350 &		(4)
			PHYS 360 OR	General Physics	(4)
			PHYS 370 &	Introductory Physics -	(5)
			i –	Mechanics and	
				Thermodynamics	
			PHYS 380	Introductory Physics -	(5)
				Electricity and	
				Magnetism, Light and Modern Physics	
It is highl	y recommended that studen	its co	n mplete an er		

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

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

					CHEM	421		Organic	Chemistry	(5)
CHEM	118B	Org Chen	n, Hlth & Sci	(4)	CHEM	420	&	Organic	Chemistry	(5)
					CHEM	421	_	Organic	Chemistry	(5)
CHEM	118C	Org Chen	n, Hlth & Sci	(4)	CHEM	420	&	Organic	Chemistry	(5)
					CHEM	421	_	Organic	Chemistry	(5)
		OF	2					OI	ર		
CHEM	128A	Organic	Chemistry	(3)	CHEM	420	&	Organic	Chemistry	(5)
					CHEM	421		Organic	Chemistry	(5)
CHEM	128B	Organic	Chemistry	(3)	CHEM	420	&	Organic	Chemistry	(5)
					CHEM	421		Organic	Chemistry	(5)
CHEM	128C	Organic	Chemistry	(3)	CHEM	420	&	Organic	Chemistry	(5)
					CHEM	421		Organic	Chemistry	(5)
CHEM	129A	Organic	Chem Lab	(2)	CHEM	420	&	Organic	Chemistry	(5)
					CHEM	421		Organic	Chemistry	(5)
CHEM	129B	Organic	Chem Lab	(2)	CHEM	420	&	Organic	Chemistry	(5)
					CHEM	421		Organic	Chemistry	(5)
											-
	010	~]]		RECOMMEN		400		~ 1 1			
MATH	21C (Calculus		(4)	MATH	402		Calculus	5 III	(5)
											-

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL	400	Principles of Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		400 <u>&</u> 410 <u>&</u>		(5) (5)
			BIOL	420	Principles of Zoology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree					(5) (5)
	of Life			120	1111019105 01 1001037	(5)
					General Chemistry	
CHEM 2B	Genl Chemistry	(5)			General Chemistry General Chemistry	
	Organic Chem-Brief Organic Chem-Brief		1		BLE COURSE BLE COURSE	
	OR		İ		OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)		420 <u>&</u> 421		(5) (5)
CHEM 118B	Org Chem, Hlth & Sci		CHEM	420 <u>&</u>	Organic Chemistry	(5)
CHEM 118C	Org Chem, Hlth & Sci			421		(5) (5)
CHEM 118C	org chem, nich a sei	(4)		420 <u>a</u> 421		(5) (5)
 MATH 17A	Calculus for BioSci	(4)	 MATH	 350		(3)
)R	and Social Sciences I	
					Calculus for Biology	
	Galewiwa fan Diagai	(1)	100 00000	256	and Medicine I	(4)
MATH 17B	Calculus for Biosci	(4)	MATH	350	Calculus for Biology and Medicine II	(4)
	OR				OR	
MATH 21A	Calculus				Calculus I	(5)
MATH 21A MATH 21B	Calculus Calculus				Calculus I	(5) (5)
MATH 21B PHYSICS 1A	Calculus Calculus Principles Physics	(4) (3)	матн NO С(401 OMPARA	Calculus I Calculus II BLE COURSE	
MATH 21B PHYSICS 1A	Calculus Calculus	(4) (3)	матн NO С(401 OMPARA	Calculus I Calculus II BLE COURSE	
MATH 21B PHYSICS 1A	Calculus Calculus Principles Physics Principles Physics	(4) (3) (3)	MATH NO CO NO CO PHYS	401 OMPARA OMPARA 350 <u>&</u>	Calculus I Calculus II BLE COURSE BLE COURSE OR General Physics	(5)
MATH 21B PHYSICS 1A PHYSICS 1B	Calculus Calculus Principles Physics Principles Physics OR	(4) (3) (3)	MATH NO CO NO CO 	401 OMPARA OMPARA 350 <u>&</u> 360	Calculus I Calculus II BLE COURSE BLE COURSE OR	(5)
MATH 21B PHYSICS 1A PHYSICS 1B	Calculus Calculus Principles Physics Principles Physics OR	(4) (3) (3)	MATH NO CO NO CO PHYS PHYS <u>O</u>	401 OMPARA OMPARA 350 <u>&</u> 360	Calculus I Calculus II BLE COURSE BLE COURSE OR General Physics General Physics Introductory Physics -	(5) (4) (4)
MATH 21B PHYSICS 1A PHYSICS 1B	Calculus Calculus Principles Physics Principles Physics OR	(4) (3) (3)	MATH NO CO NO CO PHYS PHYS <u>O</u>	401 OMPARA OMPARA 350 <u>&</u> 360 <u>R</u>	Calculus I Calculus II BLE COURSE BLE COURSE OR General Physics General Physics Introductory Physics - Mechanics and	(5) (4) (4)
MATH 21B PHYSICS 1A PHYSICS 1B	Calculus Calculus Principles Physics Principles Physics OR	(4) (3) (3)	MATH NO CO NO CO PHYS PHYS <u>O</u>	401 OMPARA OMPARA 350 <u>&</u> 360 R 370 <u>&</u>	Calculus I Calculus II BLE COURSE BLE COURSE OR General Physics General Physics Introductory Physics - Mechanics and Thermodynamics Introductory Physics -	(5) (4) (4) (5)
MATH 21B PHYSICS 1A PHYSICS 1B	Calculus Calculus Principles Physics Principles Physics OR	(4) (3) (3)	MATH NO CC NO CC PHYS PHYS PHYS PHYS 	401 OMPARA OMPARA 350 <u>&</u> 360 R 370 <u>&</u>	Calculus I Calculus II BLE COURSE BLE COURSE OR General Physics General Physics Introductory Physics - Mechanics and Thermodynamics Introductory Physics - Electricity and	(5) (4) (4) (5)
MATH 21B PHYSICS 1A PHYSICS 1B	Calculus Calculus Principles Physics Principles Physics OR	(4) (3) (3)	MATH NO CC NO CC PHYS PHYS PHYS PHYS 	401 OMPARA OMPARA 350 <u>&</u> 360 R 370 <u>&</u>	Calculus I Calculus II BLE COURSE BLE COURSE OR General Physics General Physics Introductory Physics - Mechanics and Thermodynamics Introductory Physics -	(5) (4) (4) (5)
MATH 21B PHYSICS 1A PHYSICS 1B	Calculus Calculus Principles Physics Principles Physics OR	(4) (3) (3) (4)	MATH NO CC PHYS PHYS PHYS PHYS PHYS	401 OMPARA 350 <u>&</u> 360 370 <u>&</u> 380 380 350 <u>&</u>	Calculus I Calculus II BLE COURSE BLE COURSE OR General Physics General Physics Introductory Physics - Mechanics and Thermodynamics Introductory Physics - Electricity and Magnetism, Light and Modern Physics General Physics	(5) (4) (4) (5) (5) (4)
MATH 21B PHYSICS 1A PHYSICS 1B PHYSICS 7A	Calculus Calculus Principles Physics Principles Physics OR General Physics	(4) (3) (3) (4)	MATH NO CC PHYS PHYS PHYS PHYS PHYS	401 MPARA 350 <u>&</u> 360 R 370 <u>&</u> 380 350 <u>&</u> 360	Calculus I Calculus II BLE COURSE BLE COURSE OR General Physics General Physics Introductory Physics - Mechanics and Thermodynamics Introductory Physics - Electricity and Magnetism, Light and Modern Physics	(5) (4) (4) (5) (5)
MATH 21B PHYSICS 1A PHYSICS 1B PHYSICS 7A	Calculus Calculus Principles Physics Principles Physics OR General Physics	(4) (3) (3) (4)	MATH NO CC PHYS PHYS PHYS PHYS PHYS PHYS PHYS PHYS	401 MPARA 350 <u>&</u> 360 R 370 <u>&</u> 380 350 <u>&</u> 360	Calculus I Calculus II BLE COURSE BLE COURSE OR General Physics Introductory Physics - Mechanics and Thermodynamics Introductory Physics - Electricity and Magnetism, Light and Modern Physics General Physics General Physics - Introductory Physics -	(5) (4) (4) (5) (5) (4) (4) (4)
MATH 21B PHYSICS 1A PHYSICS 1B PHYSICS 7A	Calculus Calculus Principles Physics Principles Physics OR General Physics	(4) (3) (3) (4)	MATH NO CC PHYS PHYS PHYS PHYS PHYS PHYS PHYS PHYS	401 MPARA 350 <u>&</u> 360 370 <u>&</u> 380 380 350 <u>&</u> 360 <u>8</u>	Calculus I Calculus II BLE COURSE BLE COURSE OR General Physics Introductory Physics - Mechanics and Thermodynamics Introductory Physics - Electricity and Magnetism, Light and Modern Physics General Physics General Physics Introductory Physics - Mechanics and	(5) (4) (4) (5) (5) (4) (4) (4)
MATH 21B PHYSICS 1A PHYSICS 1B PHYSICS 7A	Calculus Calculus Principles Physics Principles Physics OR General Physics	(4) (3) (3) (4)	MATH NO CC PHYS PHYS PHYS PHYS PHYS PHYS PHYS PHYS	401 0MPARA $350 \\ \underline{8}$ $370 \\ \underline{8}$ 380 $350 \\ \underline{8}$ 380 $350 \\ \underline{8}$ $370 \\ \underline{8}$ $370 \\ \underline{8}$ $370 \\ \underline{8}$	Calculus I Calculus II Calculus II BLE COURSE BLE COURSE OR General Physics General Physics Introductory Physics - Mechanics and Thermodynamics Introductory Physics - Electricity and Magnetism, Light and Modern Physics General Physics General Physics General Physics - Mechanics and Thermodynamics Introductory Physics - Mechanics and Thermodynamics Introductory Physics -	<pre>(5) (4) (4) (5) (5) (4) (4) (5)</pre>
MATH 21B PHYSICS 1A PHYSICS 1B PHYSICS 7A	Calculus Calculus Principles Physics Principles Physics OR General Physics	(4) (3) (3) (4)	MATH NO CC PHYS PHYS PHYS PHYS PHYS PHYS PHYS PHYS	401 0MPARA $350 \\ \underline{8}$ $370 \\ \underline{8}$ 380 $350 \\ \underline{8}$ 380 $350 \\ \underline{8}$ $370 \\ \underline{8}$ $370 \\ \underline{8}$ $370 \\ \underline{8}$	Calculus I Calculus II BLE COURSE BLE COURSE OR General Physics General Physics Introductory Physics - Mechanics and Thermodynamics Introductory Physics - Electricity and Magnetism, Light and Modern Physics General Physics General Physics General Physics - Mechanics and Thermodynamics Introductory Physics - Mechanics and Thermodynamics Introductory Physics - Electricity and	<pre>(5) (4) (4) (5) (5) (4) (4) (4) (5)</pre>
MATH 21B PHYSICS 1A PHYSICS 1B PHYSICS 7A	Calculus Calculus Principles Physics Principles Physics OR General Physics	(4) (3) (3) (4)	MATH NO CC PHYS PHYS PHYS PHYS PHYS PHYS PHYS PHYS	401 0MPARA $350 \\ \underline{8}$ $370 \\ \underline{8}$ 380 $350 \\ \underline{8}$ 380 $350 \\ \underline{8}$ $370 \\ \underline{8}$ $370 \\ \underline{8}$ $370 \\ \underline{8}$	Calculus I Calculus II Calculus II BLE COURSE BLE COURSE OR General Physics General Physics Introductory Physics - Mechanics and Thermodynamics Introductory Physics - Electricity and Magnetism, Light and Modern Physics General Physics General Physics General Physics - Mechanics and Thermodynamics Introductory Physics - Mechanics and Thermodynamics Introductory Physics -	<pre>(5) (4) (4) (5) (5) (4) (4) (4) (5)</pre>
MATH 21B PHYSICS 1A PHYSICS 1B PHYSICS 7A	Calculus Calculus Principles Physics Principles Physics OR General Physics	(4) (3) (3) (4)	MATH NO CC PHYS PHYS PHYS PHYS PHYS PHYS PHYS PHYS	401 MPARA 350 <u>&</u> 360 370 <u>&</u> 380 350 <u>&</u> 380 350 <u>&</u> 380 350 <u>&</u> 380 350 <u>&</u>	Calculus I Calculus II BLE COURSE BLE COURSE OR General Physics General Physics Introductory Physics - Mechanics and Thermodynamics Introductory Physics - Electricity and Magnetism, Light and Modern Physics General Physics General Physics General Physics - Mechanics and Thermodynamics Introductory Physics - Electricity and Magnetism, Light and Magnetism, Light and Modern Physics General Physics	<pre>(5) (4) (4) (5) (5) (4) (4) (5) (5) (5) (4)</pre>
MATH 21B PHYSICS 1A PHYSICS 1B PHYSICS 7A PHYSICS 7B	Calculus Calculus Principles Physics OR General Physics General Physics	(4) (3) (3) (4)	MATH NO CC PHYS PHYS PHYS PHYS PHYS PHYS PHYS PHYS	$ \begin{array}{c} 401 \\ \hline OMPARA \\ 350 \\ 360 \\ \hline 370 \\ \hline 380 \\ \hline 360 \\ \hline 370 \\ \hline 380 \\ \hline 380 \\ \hline 370 \\ \hline 380 \\ \hline 360 \\ \hline 370 \\ \hline 360 \\ \hline \hline 370 \\ \hline 360 \\ \hline \hline 360 \\ \hline \hline 370 \\ \hline \hline 380 \\ \hline \hline 360 \\ \hline 360 \\ \hline \hline 360 \\ \hline \hline 360 \\ \hline 360 \\ \hline \hline 360 \\ \hline \hline 360 \\ \hline \hline 360 \\ \hline 360 \\ \hline \hline 360 \\ \hline 360 \\ \hline \hline 360 \\ \hline 360$	Calculus I Calculus II BLE COURSE BLE COURSE OR General Physics General Physics Introductory Physics - Mechanics and Thermodynamics Introductory Physics - Electricity and Magnetism, Light and Modern Physics General Physics General Physics General Physics - Mechanics and Thermodynamics Introductory Physics - Electricity and Magnetism, Light and Magnetism, Light and Modern Physics	<pre>(5) (4) (4) (5) (5) (4) (4) (5) (5)</pre>
MATH 21B PHYSICS 1A PHYSICS 1B PHYSICS 7A PHYSICS 7B	Calculus Calculus Principles Physics OR General Physics General Physics	(4) (3) (3) (4)	MATH NO CC PHYS PHYS PHYS PHYS PHYS PHYS PHYS PHYS	$ \begin{array}{c} 401 \\ \hline OMPARA \\ 350 \\ 360 \\ \hline 370 \\ \hline 380 \\ \hline 360 \\ \hline 370 \\ \hline 380 \\ \hline 380 \\ \hline 370 \\ \hline 380 \\ \hline 360 \\ \hline 370 \\ \hline 360 \\ \hline \hline 370 \\ \hline 360 \\ \hline \hline 360 \\ \hline \hline 370 \\ \hline \hline 380 \\ \hline \hline 360 \\ \hline 360 \\ \hline \hline 360 \\ \hline \hline 360 \\ \hline 360 \\ \hline \hline 360 \\ \hline \hline 360 \\ \hline \hline 360 \\ \hline 360 \\ \hline \hline 360 \\ \hline 360 \\ \hline \hline 360 \\ \hline 360$	Calculus I Calculus II BLE COURSE BLE COURSE DOR General Physics General Physics Introductory Physics - Mechanics and Thermodynamics Introductory Physics - Electricity and Magnetism, Light and Modern Physics General Physics General Physics Introductory Physics - Mechanics and Thermodynamics Introductory Physics - Electricity and Magnetism, Light and Modern Physics General Physics General Physics General Physics General Physics General Physics	 (5) (4) (4) (5) (4) (4) (5) (5) (4) (4) (4) (4)

			Mechanics and
	!		Thermodynamics
	PHYS	380	Introductory Physics - (5)
			Electricity and
			Magnetism, Light and
			Modern Physics
It is highly recommended that students con	mplet	e an er	ntire physics series at
their community college that is equivalent	t to '	the ent	ire UC Davis Physics 7A/B/C
series before transferring. Students who	trans	fer wit	hout completing an entire
series may be required to take additional	phys	ics cou	rses upon arrival at UC
Davis, and will need to meet with a UC Dav	vis a	dvisor	before continuing with
physics.			
RECOMMENDED COURSES	FOR	THIS MA	JOR:

CHEM 2C	Genl Chemistry	(5) CHEM 401	General Chemistry	(5)
MATH 17C	Calculus for BioSci	(4) MATH 356	Calculus for Biology and Medicine II	(4)
	OR		OR	
MATH 21C	Calculus	(4) MATH 402	Calculus III	(5)

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

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 	400	Principles of Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology	(5)	1		- - - - - - - -	(5)
	& Evolution		BIOL BIOL		— — — — —	(5) (5)
BIOLSCI 2C	Intro Biology:	(5)	BIOL	410	& Principles of Botany	(5)
	Biodiversity & the Tree of Life		BIOL	420		(5)
CHEM 2A Ge	enl Chemistry	(5)	 CHEM	400	General Chemistry	(5)
CHEM 2B Ge	enl Chemistry	(5)	CHEM	400	& General Chemistry	(5)
			CHEM	401	General Chemistry	(5)
CHEM 2C Ge	enl Chemistry	(5)	CHEM	401	General Chemistry	(5)
CHEM 8A Or	ganic Chem-Brief	(2)	NO CO	OMPAR	ABLE COURSE	
CHEM 8B Or	ganic Chem-Brief	(4)	NO CO	OMPAR	ABLE COURSE	
	OR				OR	

CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 420 <u>&</u>		(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 421 CHEM 420 &	Organic Chemistry Organic Chemistry	(5) (5)
GUENA 110G		(1)	CHEM 421	Organic Chemistry	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 420 <u>&</u> CHEM 421	Organic Chemistry Organic Chemistry	(5) (5)
 MATH 17A	Calculus for BioSci	(4)	 MATH 350 	Calculus for the Life and Social Sciences I	(3)
			<u>OR</u> MATH 355	Calculus for Biology	
MATH 17B	Calculus for Biosci	(1)	MATH 356	and Medicine I Calculus for Biology	(4)
MAIN 175	Calculus for Broser	(+)	MATH 550	and Medicine II	(4)
MATH 17C	Calculus for BioSci	(4)	MATH 356	Calculus for Biology and Medicine II	(4)
MATH 21A	OR	(4)	 MATH 400	OR Calculus I	(5)
MATH 21B			MATH 401	Calculus II	(5)
PHYSICS 7A	General Physics	(4)	PHYS 350 <u>&</u>	General Physics	(4)
			PHYS 360 OR	General Physics	(4)
			PHYS 370 &	Mechanics and	(5)
			 PHYS 380	Thermodynamics Introductory Physics -	(5)
				Electricity and	(57
				Magnetism, Light and Modern Physics	
PHYSICS 7B	General Physics	(4)	PHYS 350 &	General Physics	(4)
			PHYS 360 OR	General Physics	(4)
			PHYS 370 &	Mechanics and	(5)
			 PHYS 380	Thermodynamics Introductory Physics -	(5)
				Electricity and	(- <i>)</i>
				Magnetism, Light and Modern Physics	
PHYSICS 7C	General Physics	(4)	PHYS 350 &		(4)
			PHYS 360 OR	General Physics	(4)
			PHYS 370 &		(5)
				Mechanics and Thermodynamics	
			 PHYS 380	Introductory Physics -	(5)
				Electricity and	
				Magnetism, Light and Modern Physics	
	y recommended that student			ntire physics series at	
	nity college that is equiv ore transferring. Students				
series may	be required to take addit:	ional	physics cou	arses upon arrival at UC	
Davis, and physics.	will need to meet with a T	UC Da	vis advisor	before continuing with	

RECOMMENDED COURSES FOR THIS MAJOR:

MATH 21C Calculus END OF MAJOR

(4) | MATH 402 Calculus III (5)

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

Special Advising Note:

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

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

END OF MAJOR

====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 group are completed at the time the application is

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

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

END OF MAJOR

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

Special Advising Note:

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

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

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

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

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

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

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

General Cata	amination credit policies alog . Quick reference char com our TAG website.		e detailed in the UC Davis 2018-19 for \underline{AP} and \underline{IB} are also
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 400 Principles of Biology (5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 400 <u>&</u> Principles of Biology (5) BIOL 410 <u>&</u> Principles of Botany (5) BIOL 420 Principles of Zoology (5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life) BIOL 410 & Principles of Botany (5)
BIOTECH 1Y	Introduction to Biotechnology	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	Genl Chemistry Genl Chemistry	(5)	CHEM 400General Chemistry(5) CHEM 400&General Chemistry(5) CHEM 401General Chemistry(5)
CHEM 2C G	Genl Chemistry	(5)	CHEM 401General Chemistry(5)CHEM 401General Chemistry(5)
	Drganic Chem-Brief Drganic Chem-Brief OR	• •	NO COMPARABLE COURSE NO COMPARABLE COURSE OR
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 420 & Organic Chemistry (5) CHEM 421 Organic Chemistry (5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 121Organic Chemistry(5)CHEM 420&Organic Chemistry(5)CHEM 421Organic Chemistry(5)
CHEM 118C	Org Chem, Hlth & Sci OR	(4)	CHEM 121 Organic Chemistry (5) CHEM 420 & Organic Chemistry (5) CHEM 421 Organic Chemistry (5) OR OR OR
CHEM 128A	Organic Chemistry	(3)	CHEM 420 <u>&</u> Organic Chemistry (5)
CHEM 128B	Organic Chemistry	(3)	CHEM 421 Organic Chemistry (5) CHEM 420 & Organic Chemistry (5)
CHEM 128C	Organic Chemistry	(3)	CHEM 421 Organic Chemistry (5) CHEM 420 & Organic Chemistry (5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 421Organic Chemistry(5)CHEM 420 & Organic Chemistry(5)CHEM 421Organic Chemistry(5)
матн 16а	Short Calculus	(3)	MATH 350 Calculus for the Life (3) and Social Sciences I
МАТН 16В	Short Calculus	(3)	OR MATH 400 Calculus I (5) MATH 351 Calculus for Life and (3) Social Sciences II OR
	OR		MATH 401 Calculus II (5)
MATH 17A	Calculus for BioSci	(4)	MATH 350 Calculus for the Life (3) and Social Sciences I
MATH 17B	Calculus for Biosci	(4)	
	0.5		and Medicine II (4)
MATH 21A			OR MATH 400 Calculus I (5)
MATH 21B) MATH 401 Calculus II (5)
PHYSICS 7A	General Physics	(4)	PHYS 350 & General Physics(4)PHYS 360General Physics(4)

			01	R			
			PHYS	370	<u>&</u>	Introductory Physics -	(5)
						Mechanics and	
						Thermodynamics	
			PHYS	380		Introductory Physics -	(5)
						Electricity and	
						Magnetism, Light and	
		ĺ				Modern Physics	
PHYSICS 7B	General Physics	(4)	PHYS	350	<u>&</u>	General Physics	(4)
			PHYS	360		General Physics	(4)
			01	R			
			PHYS	370	<u>&</u>	Introductory Physics -	(5)
						Mechanics and	
		ĺ				Thermodynamics	
			PHYS	380		Introductory Physics -	(5)
						Electricity and	
		ĺ				Magnetism, Light and	
		ĺ				Modern Physics	
It is highly	recommended that stud	lents com	nplete	e an	en	tire physics series at	
their communi	ty college that is eq	uivalent	to t	the e	ent	ire UC Davis Physics 7A	/в/с

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.

COULDERWORK FOR RECTNEODWARTCH OPERAN

COURSEWORK FOR H	IOINFORMATICS OPTION:	
ENG CS 20 C Sci/Discrete Math	(4) CISP 440 Discrete Structur for Computer Scient	
• ENG CS 36A Programming Formerly ENG CS 30	(4) CISP 360 Introduction to CISP 360 Structured Program	(4) mming
RESTRICTED ELECTIVES FO	R BIOINFORMATICS OPTION:	
ENG CS 36B Object-Oriented Program	(4) CISP 400 Object Oriented	(4)
Formerly ENG CS 40	Programming with	C++
	OR	
	CISP 401 Object Oriented	(4)
	Programming with	JAVA
ENG CS 36C Data Structures Formerly ENG CS 60	(4) CISP 430 Data Structures	(4)
ENG CS 50 Machine Dependent Prog	(4) CISP 310 Assembly Language Programming on Microcomputers	(4)

END OF MAJOR

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====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

Earth Intro Biology: Ecology (5) BIOL 400 Frinciples of Biology BIOLSCI 2B Intro Biology: (5) BIOL 410 Frinciples of Bology BIOLSCI 2C Intro Biology: (5) BIOL 420 Principles of Bology BIOLSCI 2C Intro Biology: (5) BIOL 420 Principles of Bology BIOL 420 Finciples of Bology (5) BIOL 400 Finciples of Bology CHEM 2A Genl Chemistry (5) CHEM 400 General Chemistry CHEM 2B Genl Chemistry (5) CHEM 400 General Chemistry CHEM 2B Genl Chemistry (5) CHEM 401 General Chemistry CHEM 8A Organic Chem-Brief (2) NO COMPARABLE COURSE OR OR Organic Chemistry Organic Chemistry CHEM 118A Org Chem, Hlth & Sci (4) CHEM 420 Organic Chemistry CHEM 118B Org Chem, Hlth & Sci (4) CHEM 420 Graphic Chemistry CHEM 118C Org Chem, Hlth & Sci (4) CHEM 420 Graphic Chemistry CHEM 118C Org Chem, Hlth & Sci (4)		alog . Quick reference char rom our TAG website.					
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	 PHYS 	380		Thermodynamics Introductory Physics - (5) Electricity and Magnetism, Light and Modern Physics
Modern Physics It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.				
RECOMME	NDED:			

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

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

END OF MAJOR

====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 Education(GE) Note:

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

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

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

available from our TAG website.

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	1	(5) NO COMPARABLE COURSE
		(5) NO COMPARABLE COURSE
CHEM 2CH	Honors Genl Chemistry	(5) NO COMPARABLE COURSE
PHYSICS 9A	Classical Physics	
		and Fluids
PHYSICS 9B	Classical Physics	(5) PHYS 431 Heat, Waves, Light and (4 Modern Physics
PHYSICS 9C	Classical Physics	
	crassicar inysics	Magnetism
PHYSICS 9D	Modern Physics	
 MATH 21A	Calculus	
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MATH 21C	Calculus	(4) MATH 402 Calculus III (5
MATH 21D	· · · · · · · ·	(4) MATH 402 Calculus III (5
MATH 22A	Linear Algebra	(3) MATH 410 Introduction to Linear (3
		Algebra
MATH 22AL	Lin Alg Comp Lab	
MARTI 005		submitted course(s) for articulation
MATH ZZB	DIFFERNCE Equations	(3) MATH 420 Differential Equations (4
CHEM 128A	Organic Chemistry	(3) CHEM 420 & Organic Chemistry (5
	5 1	CHEM 421 Organic Chemistry (5

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

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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College Foreign Language Requirement Note:

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

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

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

CHEM 2A	Genl Chemistry	(5) CHEM 400	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5) CHEM 400 <u>&</u>	General Chemistry	(5)
		CHEM 401	General Chemistry	(5)

CHEM 2C	Genl Chemistry OR	(5)	CHEM 401 General Chemistry (5)
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
			'
PHYSICS 7A	General Physics	(4)	PHYS 350 & General Physics (4)
			PHYS 360 General Physics (4) OR
			PHYS 370 & Introductory Physics - (5) Mechanics and
			ThermodynamicsPHYS 380Introductory Physics - (5)
			Electricity and
			Magnetism, Light and
			Modern Physics
PHYSICS 7B	General Physics	(4)	PHYS 350 & General Physics (4
			PHYS 360 General Physics (4)
			OR
			PHYS 370 <u>&</u> Introductory Physics - (5) Mechanics and
			Thermodynamics
			PHYS 380 Introductory Physics - (5)
			Electricity and
			Magnetism, Light and
			Modern Physics
PHYSICS 7C	General Physics	(4)	PHYS 350 & General Physics (4
			PHYS 360 General Physics (4)
			OR PHYS 370 & Introductory Physics - (5)
			PHYS 370 <u>&</u> Introductory Physics - (5) Mechanics and
			Thermodynamics
			PHYS 380 Introductory Physics - (5)
			Electricity and
			Magnetism, Light and
			Modern Physics
It is highl	v recommended that student	S 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.

	OR			OR	
PHYSICS 9A	Classical Physics	(5)	PHYS 411	Mechanics of Solids and Fluids	(4)
PHYSICS 9B	Classical Physics	(5)	PHYS 431	Heat, Waves, Light and Modern Physics	(4)
PHYSICS 9C	Classical Physics	(5)	PHYS 421 	Electricity and Magnetism	(4)
MATH 16A	Short Calculus	(3)	MATH 350 OR	Calculus for the Life and Social Sciences I	(3)
			MATH 400	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 351	Calculus for Life and Social Sciences II	(3)
			OR		
			MATH 401	Calculus II	(5)
MATH 16C	Short Calculus	(3)	MATH 351	Calculus for Life and	(3)
				Social Sciences II	
			<u>OR</u> MATH 401	Calculus II	(5)
	OR			OR	(5)
	010		1	010	

MATH 17A	Calculus for BioSci	(4) MATH 350 	Calculus for the Life and Social Sciences I	(3)
		<u>OR</u> MATH 355	Calculus for Biology and Medicine I	(4)
MATH 17B	Calculus for Biosci	(4) MATH 356	Calculus for Biology and Medicine II	(4)
MATH 17C	Calculus for BioSci	(4) MATH 356	Calculus for Biology and Medicine II	(4)
	OR		OR	
MATH 21A	Calculus	(4) MATH 400	Calculus I	(5)
MATH 21B	Calculus	(4) MATH 401	Calculus II	(5)
MATH 21C	Calculus	(4) MATH 402	Calculus III	(5)
CHEM 128A	Organic Chemistry	(3) CHEM 420 <u>&</u>	Organic Chemistry	(5)
		CHEM 421	Organic Chemistry	(5)
CHEM 128B	Organic Chemistry	(3) CHEM 420 <u>&</u>	Organic Chemistry	(5)
		CHEM 421	Organic Chemistry	(5)
CHEM 128C	Organic Chemistry	(3) CHEM 420 <u>&</u>	Organic Chemistry	(5)
		CHEM 421	Organic Chemistry	(5)
CHEM 129A	Organic Chem Lab	(2) CHEM 420 <u>&</u>	Organic Chemistry	(5)
GUEN 1005		CHEM 421	Organic Chemistry	(5)
CHEM 129B	Organic Chem Lab	(2) CHEM 420 &		(5)
		CHEM 421	Organic Chemistry	(5)

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG 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		CHEM 400 General Chemistry (5)
CHEM 2B	Genl Chemistry	(5)	CHEM 400 & General Chemistry(5)CHEM 401General Chemistry(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 401General Chemistry(5)CHEM 401General Chemistry(5)
CHEM 2C	OR	(5)	OR
CHEM 2AH	Honors Genl Chemistry	(5)	
	Honors Genl Chemistry		
CHEM 2CH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE
PHYSICS 9A	Classical Physics	(5)	PHYS 411 Mechanics of Solids (4) and Fluids
PHYSICS 9B	Classical Physics	(5)	PHYS 431Heat, Waves, Light and (4)Modern Physics
PHYSICS 9C	Classical Physics	(5)	PHYS 421 Electricity and (4) Magnetism
MATH 21A	Calculus	(4)	MATH 400 Calculus I (5)
MATH 21B	Calculus		MATH 401 Calculus II (5)
MATH 21C	Calculus		MATH 402 Calculus III (5)
MATH 21D	Vector Analysis		MATH 402 Calculus III (5)
MATH 22A	Linear Algebra	(3)	MATH 410Introduction to Linear (3)Algebra
MATH 22AL	Lin Alg Comp Lab	(1)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 22B	Differntl Equations	(3)	MATH 420 Differential Equations (4)
CHEM 128A	Organic Chemistry	(3)	CHEM 420 & Organic Chemistry (5)
			CHEM 421 Organic Chemistry (5)
CHEM 128B	Organic Chemistry	(3)	CHEM 420 & Organic Chemistry (5)
			CHEM 421 Organic Chemistry (5)
CHEM 128C	Organic Chemistry	(3)	CHEM 420 & Organic Chemistry (5)
GUENA 1003		()	CHEM 421 Organic Chemistry (5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 420 & Organic Chemistry (5)
CHEM 129B	Organic Chem Lab	(2)	CHEM 421Organic Chemistry(5)CHEM 420 & Organic Chemistry(5)
СПЕМ ТААВ	Organite chem Lab	(2)	CHEM 420 <u>a</u> Organic Chemistry (5) CHEM 421 Organic Chemistry (5)
CHEM 129C	Organic Chem Lab	(2)	CHEM 421 Organic Chemistry (5)
	organite chem hab	(4)	CHEM 421 Organic Chemistry (5)

RECOMMENDED COURSES:

PHYSICS 9D	Modern Physics	(4) NO COMPARABLE COURSE

END OF MAJOR

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

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is 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 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

CHEM 2A Genl Chemistry	(5) CHEM 400 General Chemistry (5)
CHEM 2B Genl Chemistry	(5) CHEM 400 & General Chemistry (5)
-	CHEM 401 General Chemistry (5)
CHEM 2C Genl Chemistry	(5) CHEM 401 General Chemistry (5)
OR	OR
CHEM 2AH Honors Genl Chemistry	(5) NO COMPARABLE COURSE
CHEM 2BH Honors Genl Chemistry	
CHEM 2CH Honors Genl Chemistry	
PHYSICS 7A General Physics	(4) PHYS 350 & General Physics (4)
-	PHYS 360 General Physics (4)
	OR
	PHYS 370 & Introductory Physics - (5)
	Mechanics and
	Thermodynamics
	PHYS 380 Introductory Physics - (5)
	Electricity and
	Magnetism, Light and
	Modern Physics
PHYSICS 7B General Physics	(4) PHYS 350 & General Physics (4)
_	PHYS 360 General Physics (4)
	OR
	PHYS 370 & Introductory Physics - (5)
	Mechanics and

			 PHYS 	380	Thermodynamics Introductory Physics - (5) Electricity and Magnetism, Light and Modern Physics
PHYSICS 7C	General Physics	(4)	PHYS	350	1
			PHYS	360	General Physics (4)
			<u>o</u>	R	
			PHY <mark>S</mark>	370	<u>Let Introductory Physics - (5)</u> Mechanics and Thermodynamics
			PHYS	380	1
It is highly	recommended that stud	ents cor	nnlet:	- 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	JC Dav		IVISOI	2	
PHYSICS 9A	Classical Physics	(5)	PHYS	411	OR Mechanics of Solids and Fluids	(4)
PHYSICS 9B	Classical Physics	(5)	PHYS	431	Heat, Waves, Light and Modern Physics	(4)
PHYSICS 9C	Classical Physics	(5)	PHYS	421	Electricity and Magnetism	(4)
MATH 16A	Short Calculus	(3)		350	Calculus for the Life and Social Sciences I	(3)
			<u>О</u> МАТН	<u>400</u>	Calculus I	(5)
MATH 16B	Short Calculus			351	Calculus for Life and Social Sciences II	
				-	Calculus II	(5)
MATH 16C	Short Calculus				Calculus for Life and	. ,
				_	Social Sciences II	
				<u>4</u> 01		(5)
	OR		MAIN	401	Calculus II OR	(5)
MATH 17A	Calculus for BioSci	(4)		350	Calculus for the Life and Social Sciences I	(3)
				<u>)r</u> 355	Calculus for Biology	
			МАТП	333	and Medicine I	(4)
MATH 17B	Calculus for Biosci	(4)	MATH	356		(4)
MATH 17C	Calculus for BioSci	(4)	MATH	356	Calculus for Biology	. ,
					and Medicine II	(4)
	OR				OR	
MATH 21A					OR Calculus I	(5)
	Calculus	(4)	MATH	401	Calculus II Calculus III	(5)
MATH 21C	Calculus	(4)	MATH		Calculus III	(5)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL			(5)
STATIST 13	Elementary Statistics STATIST 13Y	(4)	STAT	300	Introduction to Probability and Statistics	(4)

			OR PSYC 330 Introductory (3) Statistics for Behavioral Sciences OR
STATIST 32	OR Gateway to Data Science	(4)	OK ECON 310 Economic Statistics (3) OR NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 420 <u>&</u> Organic Chemistry (5) CHEM 421 Organic Chemistry (5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 420 & Organic Chemistry(5)CHEM 421Organic Chemistry(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 420 & Organic Chemistry(5)CHEM 421Organic Chemistry(5)
	OR		OR
CHEM 128A	Organic Chemistry	(3)	CHEM 420&Organic Chemistry(5)CHEM 421Organic Chemistry(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 420 & Organic Chemistry(5)CHEM 421Organic Chemistry(5)
CHEM 128C	Organic Chemistry	(3)	CHEM 420 & Organic Chemistry(5)CHEM 421Organic Chemistry(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 420 & Organic Chemistry(5)CHEM 421Organic Chemistry(5)
СНЕМ 129В	Organic Chem Lab	(2)	CHEM 420 & Organic Chemistry(5)CHEM 421Organic Chemistry(5)

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

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

Transfer students must also meet UC transfer admission requirements. See the 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 General Catalog . Quick reference charts for AP and IB are also available from our TAG website. _____
 (5) | CHEM 400
 General Chemistry
 (5)

 (5) | CHEM 400
 ▲
 General Chemistry
 (5)

 (5) | CHEM 400
 ▲
 General Chemistry
 (5)
 CHEM 2A Genl Chemistry CHEM 2B Genl Chemistry CHEM 2C Genl Chemistry (5) OR (5) CHEM 401 General Chemistry (5) OR OR OR CHEM 2AHHonors Genl Chemistry(5) NO COMPARABLE COURSECHEM 2BHHonors Genl Chemistry(5) NO COMPARABLE COURSECHEM 2CHHonors Genl Chemistry(5) NO COMPARABLE COURSE _____ PHYSICS 7AGeneral Physics(4)PHYS 350&General Physics(4)PHYS 360General Physics(4) OR PHYS 370 & Introductory Physics - (5) Mechanics and Thermodynamics PHYS 380 Introductory Physics - (5) Electricity and Magnetism, Light and Modern Physics PHYSICS 7B General Physics (4)|PHYS 350 & General Physics (4) PHYS 360 General Physics (4) OR PHYS 370 & Introductory Physics - (5) Mechanics and Thermodynamics PHYS 380 Introductory Physics - (5) Electricity and Magnetism, Light and Modern Physics PHYSICS 7C General Physics (4) PHYS 350 & General Physics (4) PHYS 360 General Physics (4) OR PHYS 370 & Introductory Physics - (5) Mechanics and Thermodynamics PHYS 380 Introductory Physics - (5) Electricity and Magnetism, Light and Modern Physics It is highly recommended that students complete an entire physics series at

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

	OR			OR	
PHYSICS 9A	Classical Physics	(5)	PHYS 411	Mechanics of Solids and Fluids	(4)
PHYSICS 9B	Classical Physics	(5)	PHYS 431	Heat, Waves, Light and Modern Physics	(4)
PHYSICS 9C	Classical Physics	(5)	PHYS 421	Electricity and	(4)

			Magnetism
MATH 16A	Short Calculus	(3)	MATH 350 Calculus for the Life (3) and Social Sciences I
MATH 16B	Short Calculus	(3)	ORMATH 400Calculus I(5)MATH 351Calculus for Life and (3)Social Sciences II
MATH 16C	Short Calculus	(3)	ORMATH 401Calculus II(5)MATH 351Calculus for Life and (3)Social Sciences II
			ORMATH 401Calculus II(5)
MATH 17A	OR Calculus for BioSci	(4)	OR MATH 350 Calculus for the Life (3) and Social Sciences I
			MATH 355 Calculus for Biology and Medicine I (4)
MATH 17B	Calculus for Biosci	(4)	and Medicine I (4) MATH 356 Calculus for Biology and Medicine II (4)
МАТН 17С	Calculus for BioSci	(4)	MATH 356 Calculus for Biology and Medicine II (4)
	OR		OR
MATH 21A	Calculus		MATH 400 Calculus I (5)
MATH 21B MATH 21C	Calculus Calculus		MATH 401Calculus II(5)MATH 402Calculus III(5)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 400 Principles of Biology (5)
ENV TOX 20	Introduction to Forensic Science	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
STATIST 13 Same as:	Elementary Statistics STATIST 13Y	(4)	STAT 300 Introduction to (4) Probability and Statistics
			PSYC 330Introductory(3)Statistics for Behavioral Sciences
	OR		OR ECON 310 Economic Statistics (3) OR
STATIST 32	Gateway to Data Science	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 420 <u>&</u> Organic Chemistry (5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 421Organic Chemistry(5)CHEM 420 & Organic Chemistry(5)
			CHEM 421 Organic Chemistry (5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 420 & Organic Chemistry(5)CHEM 421Organic Chemistry(5)
CHEM 128A	OR Organic Chemistry	(2)	OR CHEM 420 & Organic Chemistry (5)
CUEM IZOA	organic chemistry	(3)	CHEM 420 & Organic Chemistry(5)CHEM 421Organic Chemistry(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 420 & Organic Chemistry (5)
		10:	CHEM 421 Organic Chemistry (5)
CHEM 128C	Organic Chemistry	(3)	CHEM 420 & Organic Chemistry(5)CHEM 421Organic Chemistry(5)

CHEM 129A	Organic Chem Lab	(2)	CHEM	420	&	Organic Chemistry	(5)
			CHEM	421	_	Organic Chemistry	(5)
CHEM 129B	Organic Chem Lab	(2)	CHEM	420	&	Organic Chemistry	(5)
		ĺ	CHEM	421	_	Organic Chemistry	(5)

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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College Foreign Language Requirement Note:

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

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

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

CHICANO 10	Intro to Chic Std	(4) NO COURSE ARTICULATED: College has not
		submitted course(s) for articulation
CHICANO 50	Chicano Culture	(4) NO COURSE ARTICULATED: College has not
		submitted course(s) for articulation

CHICANO 21	Hlth Care Issues			ARTICULATED: College has not
			submitted	course(s) for articulation
	OR			OR
CHICANO 40	Comparative Health	(4)	NO COURSE	ARTICULATED: College has not
			submitted	course(s) for articulation

ONE COURSE FROM THE FOLLOWING:

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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College Foreign Language Requirement Note:

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

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

ONE COURSE FROM THE FOLLOWING:

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

ONE COURSE FROM THE FOLLOWING:

CHICANO 23	Qualitative Research Methods	<pre>(4) NO COURSE ARTICULATED: College has not</pre>
PSYCH 41	Research Methods	(4) PSYC 335 Research Methods in (3) Psychology
SOCIOL 46A	Intro Social Rsch	(4) NO COMPARABLE COURSE
SPANISH 1	Elementary Spanish	(5) SPAN 401 Elementary Spanish (4)
SPANISH 2	Elementary Spanish	(5) SPAN 401 & Elementary Spanish (4)
		SPAN 402 Elementary Spanish (4)
SPANISH 3	Elementary Spanish	(5) SPAN 402 Elementary Spanish (4)
	OR	OR
SPANISH 28	Inter Conversation	(2) NO COURSE ARTICULATED: College has not
		submitted course(s) for articulation
SPANISH 31	Int Span Nat Spk I	(5) NO COMPARABLE COURSE
SPANISH 32 END OF MAJO	Int Span Nat Spk II	(5) NO COMPARABLE COURSE
END OF MAJO	ĸ	

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

Special Advising Note:

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

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

Chinese Placement Examination Note:

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

Transfer Admission Guarantee (TAG) Note:

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

x)	CHINESE	1	Elem Chi	inese		(5)	NO	COMPARABLE	COURSE	
x)	CHINESE	2	Elem Chi	inese		(5)	NO	COMPARABLE	COURSE	
x)	CHINESE	3	Elem Chi	inese		(5)	NO	COMPARABLE	COURSE	
x)	CHINESE	4	Inter Ch	ninese		(5)	NO	COMPARABLE	COURSE	
x)	CHINESE	5	Inter Ch	ninese		(5)	NO	COMPARABLE	COURSE	
x)	CHINESE	6	Inter Ch	ninese		(5)	NO	COMPARABLE	COURSE	
			OR						OR	
x)	CHINESE	1BL	Accl W	Wrtn Chines	εI	(5)	NO	COMPARABLE	COURSE	

x) CHINESE 2BL Accl Wrtn Chinese	(5) NO COMPARABLE COURSE							
x) CHINESE 3BL Accl Wrtn Chinese III	(5) NO COMPARABLE COURSE							
OR	OR							
x) CHINESE 1CN Mand/Cant Spkrs I	(5) NO COMPARABLE COURSE							
x) CHINESE 2CN Mand/Cant Spkrs I	I (5) NO COMPARABLE COURSE							
x) CHINESE 3CN Mand/Cant Spkrs I	II (5) NO COMPARABLE COURSE							
RECOMMENDED COURSES FOR THIS MAJOR:								
CHINESE 10 Modern Lit (in Engl)	(4) NO COMPARABLE COURSE							
CHINESE 11 Gt Bks China (Engl)	(4) NO COMPARABLE COURSE							
CHINESE 50 Intro to Literature	(4) NO COMPARABLE COURSE							
Same as: JPNESE 50								
COMPLIT 14 Intro Poetry	(3) NO COMPARABLE COURSE							
JPNESE 10 Masterworks in English	(4) NO COMPARABLE COURSE							
LINGUIS 1 Intro Linguistics								
o) HISTORY 9A East Asian Civ	(4) HIST 364 $\underline{\mathbf{\&}}$ Asian Civilization (3)							
	HIST 365 Asian Civilization (3)							

- 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.
- o) This articulation is series-for-series only. Students at Cosumnes River College who take both HIST 364 and HIST 365 will receive credit at UC Davis for HISTORY 9A and HISTORY 9B. Students who take only one of these courses will receive no course credit at UC Davis.

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

Select two of the following courses:

FILM ST 1	Intro to Film Studies	(4)	FMS 300 	Introduction to Film (3) Studies		
Formerly Humanities 10						
TCULST 1	Intro Technocultural	(4)	NO COURSE	ARTICULATED: College has not		
	Studies		submitted	course(s) for articulation		
TCULST 5	Media Archaeology	(4)		ARTICULATED: College has not		
			submitted	course(s) for articulation		

END OF MAJOR

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

Special Advising Note:

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

UC Davis General Catalog online.

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

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

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

END OF MAJOR

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

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

TWO COURSES FROM THE FOLLOWING:

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

ONE ADDITIONAL COURSE SELECTED FROM:

CLASSIC 1N East/Early Gr(4)NO COMPARABLE COURSECLASSIC 2Anc Gr & Near East(4)NO COMPARABLE COURSECLASSIC 3Rome & The Mediter(4)NO COMPARABLE COURSECLASSIC 4Late Antiquity(4)NO COURSE ARTICULATED: College has not submitted course(s) for articulationCLASSIC 10Gr,Roman,N East Myth(3)NO COMPARABLE COURSECLASSIC 15Women & Gender in classical Antiquity(4)NO COMPARABLE COURSECLASSIC 20Pompeii AD 79(4)NO COMPARABLE COURSECLASSIC 25Classical America(4)NO COURSE ARTICULATED: College has not submitted course(s) for articulationCLASSIC 30Word Roots(3)NO COURSE ARTICULATED: College has not submitted course(s) for articulationCLASSIC 31Technical Word Roots(3)NO COURSE ARTICULATED: College has not submitted course(s) for articulationCLASSIC 40Economy in Ancient Med(4)NO COURSE ARTICULATED: College has not submitted course(s) for articulationCLASSIC 50Ancient Science(4)NO COURSE ARTICULATED: College has not submitted course(s) for articulationCLASSIC 50Ancient Science(4)NO COMPARABLE COURSESame as: SCI&TEC 50(4)NO COMPARABLE COURSECMPLIT 1Major Books-Ancient(4)ENGLT 340World Literature IPHILOS 21Phil Classics: Ancient(4)PHIL 330History of Classical (3)	ARTHI 1A	Ancient Mediterranean Art	(4)	ARTH 303 Art Survey: Ancient to (3) 14th Century
CLASSIC 2Anc Gr & Near East(4)NO COMPARABLE COURSECLASSIC 3Rome & The Mediter(4)NO COMPARABLE COURSECLASSIC 4Late Antiquity(4)NO COURSE ARTICULATED: College has not submitted course(s) for articulationCLASSIC 10Gr,Roman,N East Myth(3)NO COMPARABLE COURSECLASSIC 15Women & Gender in Classical Antiquity(4)NO COMPARABLE COURSECLASSIC 20Pompeii AD 79(4)NO COMPARABLE COURSECLASSIC 25Classical America(4)NO COURSE ARTICULATED: College has not submitted course(s) for articulationCLASSIC 30Word Roots(3)NO COURSE ARTICULATED: College has not 	CLASSIC 1	N East/Early Gr	(4)	1 -
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CLASSIC 40Economy in Ancient Med(4)NO COURSE ARTICULATED: College has not submitted course(s)for articulationCLASSIC 50Ancient Science(4)NO COMPARABLE COURSESame as: SCI&TEC 50(4)NO COMPARABLE COURSECOMPLIT 1Major Books-Ancient(4)ENGLT 340World Literature IPHILOS 21Phil Classics: Ancient(4)PHIL 330History of Classical(3)				submitted course(s) for articulation
CLASSIC 40Economy in Ancient Med(4)NO COURSE ARTICULATED: College has not submitted course(s)for articulationCLASSIC 50Ancient Science(4)NO COMPARABLE COURSESame as:SCI&TEC 50(4)NO COMPARABLE COURSECOMPLIT 1Major Books-Ancient World(4)ENGLT 340World Literature IPHILOS 21Phil Classics: Ancient(4)PHIL 330History of Classical(3)	CLASSIC 31	Technical Word Roots	(3)	NO COURSE ARTICULATED: College has not
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CLASSIC 50 Ancient Science (4) NO COMPARABLE COURSE Same as: SCI&TEC 50 COMPLIT 1 Major Books-Ancient (4) ENGLT 340 World Literature I (3) World PHILOS 21 Phil Classics: Ancient (4) PHIL 330 History of Classical (3)	CLASSIC 40	Economy in Ancient Med	(4)	NO COURSE ARTICULATED: College has not
Same as: SCI&TEC 50 COMPLIT 1 Major Books-Ancient (4) ENGLT 340 World Literature I (3) World PHILOS 21 Phil Classics: Ancient (4) PHIL 330 History of Classical (3)				
COMPLIT 1Major Books-Ancient(4)ENGLT 340World Literature I(3)World </td <td>CLASSIC 50</td> <td>Ancient Science</td> <td>(4)</td> <td>NO COMPARABLE COURSE</td>	CLASSIC 50	Ancient Science	(4)	NO COMPARABLE COURSE
World PHILOS 21 Phil Classics: Ancient (4) PHIL 330 History of Classical (3)				
PHILOS 21 Phil Classics: Ancient (4) PHIL 330 History of Classical (3)	COMPLIT 1	-	(4)	ENGLT 340 World Literature I (3)
Philosophy	PHILOS 21	Phil Classics: Ancient	(4)	
				Philosophy
REL STD 21 The Bible (4) NO COMPARABLE COURSE			• •	
REL STD 40 New Testament (4) NO COMPARABLE COURSE	REL STD 40	New Testament	(4)	NO COMPARABLE COURSE

END OF MAJOR

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

You should also be aware, however, that the University requires two courses in

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

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

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

ENGLISH 3	Intro to Lit	(4)	ENGWR 301	College Composition and Literature	(3)
UWRITING 1	OR Expository Writing	(4)	 ENGWR 300	OR College Composition	(3)
COMUNCN 1	Intro Public Spkg	(4)	COMM 301 	Introduction to Public Speaking	(3)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 400	Principles of Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 400 <u>&</u> BIOL 410 <u>&</u> BIOL 420	Principles of Biology Principles of Botany Principles of Zoology	(5) (5) (5)
CHEM 2A CHEM 2B CHEM 2C	Genl Chemistry Genl Chemistry Genl Chemistry	(5)	СНЕМ 400 СНЕМ 400 <u>&</u> СНЕМ 401 СНЕМ 401	General Chemistry General Chemistry General Chemistry General Chemistry General Chemistry	(5) (5) (5) (5)
CHEM 8A CHEM 8B	Organic Chem-Brief Organic Chem-Brief	(2)	NO COMPARAE	BLE COURSE	(5)
ECON 1A	Princ of Microecon	(4)	ECON 304	Principles of Microeconomics OR	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 302	Principles of Macroeconomics	(3)
PSYCH 1	General Psychology	(4)	PSYC 300	General Principles	(3)
SOCIOL 1	Intro Sociology OR	(5)	SOC 300	Introductory Sociology OR	(3)
SOCIOL 3	Social Problems OR	(4)	SOC 301	Social Problems OR	(3)
ANTHRO 2	Cultural Anthropology	(5)	ANTH 310 OR	Cultural Anthropology	(3)
			ANTH 313	Introduction to Cultural Anthropology: Medical Focus	(3)
STATIST 13 Same as	Elementary Statistics : STATIST 13Y	(4)	STAT 300	Introduction to Probability and Statistics	(4)
			<u>OR</u> PSYC 330	Introductory Statistics for	(3)

OR

ECON 310 Economic Statistics (3)

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

LINGUIS 1 Intro Linguistics	(4) NO COMPARABLE COURSE
COG SCI 1 Intro Cognitive Science	(4) NO COURSE ARTICULATED
OR	OR
PHILOS 10 Intro Cognitive Science	(4) NO COURSE ARTICULATED: College has not
	submitted course(s)for articulation

PHILOS 12 Intro to Symbol Logic PHILOS 13G Minds, Brains Comp w/Disc	(4) NO COURSE	Symbolic Logic ARTICULATED:College has course(s)for articulatic	
PSYCH 1 General Psychology PSYCH 41 Research Methods	(4) PSYC 300 (4) PSYC 335 	General Principles Research Methods in Psychology	(3) (3)
STATIST 13 Elementary Statistics Same as: STATIST 13Y	(4) STAT 300 OR	Introduction to Probability and Statistics	(4)
	PSYC 330	Introductory Statistics for Behavioral Sciences	(3)
	ECON 310	Economic Statistics	(3)

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

	Emphasis 1	: Coi	mputa	tiona	<u>1</u>	
ENG CS 20	C Sci/Discrete Math	(4)	CISP 	440	Discrete Structures for Computer Science	(3)
	Intro to Programming(4) y ENG CS 10 OR		CISP 	370	Beginning Visual BASIC OR	(4)
ENG CS 36A	Programming	(4)	 CISP	360	-	(4)
Formerly ENG CS 34	ENG CS 30	(Structured Programming ARTICULATED	
ENG CS 54	OR	(5)		JUKSE	OR	
	Object-Oriented Program ENG CS 40	(4)	CISP		Object Oriented Programming with C++	(4)
			CISP	-	Object Oriented	(4)
ENG CS 50	Machine Dependent Prog	(4)	 CISP 	310	Programming with JAVA Assembly Language Programming on Microcomputers	(4)
ENG CS 32B	Intro to Data Structures	(4)	I		MICLOCOMPUCELS	
ENG CS 36C	OR Data Structures	(4)		430	OR Data Structures	(4)
	ly ENG CS 60	(1)		150		(1)
 LINGUIS 1	Intro Linguistics	(4)	NO C(ABLE COURSE	
MATH 17A	Calculus for BioSci	(4)	MATH 	350	Calculus for the Life and Social Sciences I	(3)
				<u>DR</u>		
			MA'I'H	355	Calculus for Biology and Medicine I	(4)
MATH 17B	Calculus for Biosci	(4)	MATH	356	Calculus for Biology and Medicine II	(4)
	OR				OR	
MATH 21A MATH 21B	Calculus Calculus		MATH MATH			(5) (5)
MATH 22A	Linear Algebra		 MATH		Introduction to Linear	
MATH 22AL	Lin Alg Comp Lab	(1)			Algebra ARTICULATED: College has course(s)for articulation	
 COG SCI 1 I	ntro Cognitive Science	(4)				
	OR				OR	
PHILOS 10	Intro Cognitive Science	(4)			ARTICULATED: College has course(s)for articulation	
	Intro to Symbol Logic Minds, Brains Comp w/Disc		NO CO	OURSE		
PSYCH 41	General Psychology Research Methods	(4) (4)	PSYC PSYC 	300 335	General Principles Research Methods in Psychology	(3) (3)
STATIST 13	Elementary Statistics STATIST 13Y	(4)	STAT 01		Introduction to Probability and Statistics	(4)
			PSYC 	-	Introductory Statistics for Behavioral Sciences	(3)

			<u>OR</u> ECON 310 Economic Statistics (3)
				· _ _
BIOLSCI 2A	Emphasi Intro Biology:Life on		Neuroscience BIOL 400 Principles of Biology (5)
Dioloci 20	Earth	(3)		57
BIOLSCI 2B	Intro Biology: Ecology	(5)		5)
	& Evolution			5)
BIOLSCI 2C	Intro Biology:	(5)		5) 5)
BIOLSCI ZC	Biodiversity & the Tree of Life			5)
LINGUIS 1	Intro Linguistics	(4)	NO COMPARABLE COURSE	
 МАТН 17А	Calculus for BioSci	(4)	MATH 350 Calculus for the Life (3)
	calculus for brober	(1)	and Social Sciences I	57
			MATH 355 Calculus for Biology	
MATH 17B	Calculus for Biosci	(1)	and Medicine I (MATH 356 Calculus for Biology	(4)
MAIN 175	Calculus for Broser	(=)		(4)
MATH 17C	Calculus for BioSci	(4)	MATH 356 Calculus for Biology	
			and Medicine II ((4)
	OR		OR	
MATH 21A	Calculus			5)
MATH 21B	Calculus			5)
MATH 21C	Calculus	(4)	MATH 402 Calculus III (5)
COG SCI 1 I	ntro Cognitive Science OR	(4)	NO COURSE ARTICULATED	
PHILOS 10	Intro Cognitive Science	(4)	NO COURSE ARTICULATED: College has n submitted course(s)for articulation	iot
PHILOS 13G	Minds, Brains Comp w/Disc	(4)	NO COURSE ARTICULATED:College has no submitted course(s) for articulation)t
PHYSICS 7A	General Physics	(4)		4)
			PHYS 360 General Physics (OR	4)
			PHYS 370 <u>&</u> Introductory Physics - (Mechanics and	5)
			Thermodynamics	
			PHYS 380 Introductory Physics - (5)
			Electricity and Magnetism, Light and	
			Modern Physics	
PHYSICS 7B	General Physics	(4)		4)
			PHYS 360 General Physics (OR	4)
			PHYS 370 & Introductory Physics - (5)
			Mechanics and	
			Thermodynamics	
			PHYS 380 Introductory Physics - (Electricity and	5)
			Magnetism, Light and	
			Modern Physics	
PHYSICS 7C	General Physics	(4)	PHYS 350 & General Physics (4)
				4)
			<u>OR</u> PHYS 370 & Introductory Physics - (5)

OR	 PHYS 380 	Mechanics and Thermodynamics Introductory Physics - (5) Electricity and Magnetism, Light and Modern Physics OR
PHYSICS 9A Classical Physics	(5) PHYS 411	
PHYSICS 9B Classical Physics	(5) PHYS 431	Heat, Waves, Light and (4) Modern Physics
PHYSICS 9C Classical Physics	(5) PHYS 421 	Electricity and (4) Magnetism
PSYCH 1 General Psychology PSYCH 41 Research Methods	(4) PSYC 300 (4) PSYC 335 	I Contraction of the second se
STATIST 13 Elementary Statistics Same as: STATIST 13Y	(4) STAT 300 OR	Introduction to (4) Probability and Statistics
	PSYC 330	Introductory (3) Statistics for Behavioral Sciences
	ECON 310	Economic Statistics (3)

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

	Anthro Linguistics	. ,	ANTH 341 	Linguistics OR
LINGUIS 1	Intro Linguistics	(4)	NO COMPAR	ABLE COURSE
COMUNCN 1	Intro Public Spkg OR	(4)	COMM 301 	Introduction to Public (3) Speaking OR
COMUNCN 3	Intprsnl Com Cmpetnce OR	(4)	COMM 321	Interpersonal (3) Communication OR
	Global English Comm LINGUIS 5 OR	(4)		ARTICULATED:College has not course(s)for articulation OR
	Global English Comm COMUNCN 5	(4)		ARTICULATED:College has not course(s)for articulation
COMUNCN 10Y	Intro to Communication	(4)		ARTICULATED: College has not course(s)for articulation
B) ENG CS 1	5 Intro to Computers	(4)	CISC 310	Introduction to (3) Computer Information Science

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

OR		OR	
PHILOS 12 Intro to Symbol Logic	(4) PHIL 32	25 Symbolic Logic	(3)
PSYCH 1 General Psychology	(4) PSYC 30	00 General Principles	(3)
SOCIOL 1 Intro Sociology	(5) SOC 300) Introductory Sociology	(3)
SOCIOL 46B Intro Social Rsch	(5) NO COMI	PARABLE COURSE	
OR		OR	
STATIST 13 Elementary Statistics	(4) STAT 30	00 Introduction to	(4)
Same as: STATIST 13Y		Probability and	
		Statistics	
	OR		
	PSYC 33	30 Introductory	(3)
		Statistics for	
		Behavioral Sciences	

	OR		
	ECON 310	Economic Statistics	(3)
END OF MAJOR			

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

TWO COURSES FROM THE FOLLOWING:

COMUNCN 1	Intro Public Spkg	(4)	COMM 301 Introduction to Public (3) Speaking
COMPLIT 1	Major Books-Ancient World	(4)	ENGLT 340 World Literature I (3)
COMPLIT 2	Major Books-Middle Ages to Enlightenment	(4)	ENGLT 340&World Literature I(3)ENGLT 341World Literature II(3)
COMPLIT 3	Major Books-The Modern Crisis	(4)	ENGLT 341 World Literature II (3)
COMPLIT 4	Maj Books:Cont Wrld	(4)	NO COMPARABLE COURSE
ENGLISH 3	Intro to Lit	(4)	ENGWR 301 College Composition (3) and Literature
n a std 5	Intro NA Literature	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
UWRITING 1	Expository Writing	(4)	ENGWR 300 College Composition (3)
UWRITING 48	Style in the Essay	(4)	ENGWR 302 Advanced Composition (3)
Formerly	UWRITING 18		and Critical Thinking
UWRITING 49	Writing Research Papers	(4)	NO COMPARABLE COURSE
Formerly UW	RITING 19		
CM&RGDE 1	The Community	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CM&RGDE 2	Ethnicity Amer Comm	(4)	SOCSC 300 Introduction to (3) Ethnic Studies
			Same as: ETHNS 300
 PL SCI 21	Computers in Technology	(3)	AGB 310 Agriculture Computer (3)
		,	Application
	OR		OR
B) ENG CS 15	Intro to Computers	(4)	CISC 310Introduction to(3)Computer InformationScience

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

ECON 1A	Princ of Microecon	(4)	ECON 304 	Principles of Microeconomics	(3)
	OR			OR	
ECON 1B	Princ of Macroecon	(4)	ECON 302 	Principles of Macroeconomics	(3)
ANTHRO 2	Cultural Anthropology	(5)	ANTH 310 OR	Cultural Anthropology	(3)
	OR		ANTH 313	Introduction to Cultural Anthropology: Medical Focus OR	(3)
SOCIOL 1	Intro Sociology	(5)	SOC 300	•	(3)
STATIST 13 Same as	Elementary Statistics : STATIST 13Y	(4)	STAT 300 OR	Introduction to Probability and Statistics	(4)
			<u>0R</u> PSYC 330 0R	Introductory Statistics for Behavioral Sciences	(3)
			ECON 310	Economic Statistics	(3)
	OR			OR	
STATIST 32	Gateway to Data Science	(4)		ARTICULATED: College has course(s) for articulati	
	OR		ĺ	OR	
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARA	BLE COURSE	

END OF MAJOR

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

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

Education(GE) Note:

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

College Foreign Language Requirement Note:

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

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

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

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

COMPLIT 1	Major Books-Ancient World	(4) ENGLT 340 World Literature I	(3)
COMPLIT 2	OR Major Books-Middle Ages to Enlightenment	OR (4) ENGLT 340 & World Literature I ENGLT 341 World Literature II	(3) (3)
COMPLIT 3	Major Books-The Modern Crisis OR	(4) ENGLT 341 World Literature II	(3)
COMPLIT 4	Maj Books:Cont Wrld	(4) NO COMPARABLE COURSE	

TWO COURSES FROM THE FOLLOWING:

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

COMPLIT 1	Major Books-Ancient World	(4)	ENGLT 340 World Literature I (3)
COMPLIT 2	Major Books-Middle Ages	(4)	ENGLT 340 & World Literature I (3)
	to Enlightenment		ENGLT 341 World Literature II (3)
COMPLIT 3	Major Books-The Modern Crisis	(4)	ENGLT 341 World Literature II (3)
COMPLIT 4	Maj Books:Cont Wrld	(4)	NO COMPARABLE COURSE
COMPLIT 5	Fairy Tales, Fables,	(4)	NO COMPARABLE COURSE
	Parables		
COMPLIT 6	Myths & Legends	(4)	NO COMPARABLE COURSE
COMPLIT 7	Lit:Fant,Supernatl	(4)	NO COMPARABLE COURSE
COMPLIT 8	Utopias Transform	(4)	NO COMPARABLE COURSE
COMPLIT 9	Short Story & Novella	(4)	NO COMPARABLE COURSE
COMPLIT 11	Travel and Modern World	(4)	NO COURSE ARTICULATED: College has not
Same as:	GERMAN 11		submitted course(s)for articulation
COMPLIT 12	Intro Women Writers	(4)	NO COMPARABLE COURSE
COMPLIT 13	Dramatic Lit	(3)	NO COMPARABLE COURSE
COMPLIT 14	Intro Poetry	(3)	NO COMPARABLE COURSE
COMPLIT 20	Humans & Natural World	(4)	NO COMPARABLE COURSE

COMPLIT 24 Animals in Literature (4) NO COURSE ARTICULATED: College has not

00111 111 1		Initiate in Effectatate	(-)	
				submitted course(s)for articulation
COMPLIT 2	5	Ethnic Writers	(4)	NO COMPARABLE COURSE
COMPLIT 5	3A	Lit of East Asia	(4)	NO COMPARABLE COURSE
COMPLIT 5	3B	Lit of South Asia	(4)	NO COMPARABLE COURSE
COMPLIT 5	3C	Lit of the Islamic	(4)	NO COURSE ARTICULATED: College has not
		World		submitted course(s) for articulation

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

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

END OF MAJOR

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

Special Advising Note:

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

When there are more applicants than spaces available in the College of

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

END OF MAJOR

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

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

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

END OF MAJOR

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

Special Advising Note:

REQUIREMENTS FOR ADMISSION: (for 2018-19)

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

MATH 21A Calculus	(4) MATH 400 Calculus I (5)
MATH 21B Calculus		5)
MATH 21C Calculus		5)
MATH 22A Linear Algebra	(3) MATH 410 Introduction to Linear (Algebra	3)
OR	OR	
MATH 67 Modern Linear Algebra	(4) NO COURSE ARTICULATED: College has n	not
	submitted course(s) for articulation	1
ENG CS 20 C Sci/Discrete Math	(4) CISP 440 Discrete Structures (3)
	for Computer Science	
•	-	
ENG CS 36A Programming	(4) CISP 360 Introduction to (4)
Formerly ENG CS 30	Structured Programming	
ENG CS 36B Object-Oriented Program		4)
Formerly ENG CS 40	Programming with C++	,
-	OR	
		4)
	Programming with JAVA	,
ENG CS 36C Data Structures		4)
Formerly ENG CS 60		- /
ENG CS 50 Machine Dependent Prog	(4) CISP 310 Assembly Language (4)
ind es so machine sependent riog	Programming on	± /
	Microcomputers	

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

THREE OF THE	E FOLLOWING COURSES:	
BIOLSCI 2A Intro Biology:Life on Earth	(5) BIOL 400 Principles of Biology (5))
BIOLSCI 2B Intro Biology: Ecology & Evolution	<pre>(5) BIOL 400 & Principles of Biology (5) BIOL 410 & Principles of Botany (5) BIOL 420 Principles of Zoology (5)</pre>)
BIOLSCI 2C Intro Biology: Biodiversity & the Tree of Life	(5) BIOL 410 & Principles of Botany (5) BIOL 420 Principles of Zoology (5)	
CHEM 2A Genl Chemistry	(5) CHEM 400 General Chemistry (5))
CHEM 2B Genl Chemistry	(5) CHEM 400 <u>&</u> General Chemistry (5))
	CHEM 401 General Chemistry (5))
CHEM 2C Genl Chemistry	(5) CHEM 401 General Chemistry (5))
CHEM 2AH Honors Genl Chemistry		
CHEM 2BH Honors Genl Chemistry	(5) NO COMPARABLE COURSE	
CHEM 2CH Honors Genl Chemistry	(5) NO COMPARABLE COURSE	
PHYSICS 9A Classical Physics	(5) PHYS 411 Mechanics of Solids (4) and Fluids	į
PHYSICS 9B Classical Physics	(5) PHYS 431 Heat, Waves, Light and (4) Modern Physics	1
PHYSICS 9C Classical Physics	(5) PHYS 421 Electricity and (4) Magnetism	I

THREE OF THE FOLLOWING COURSES:

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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) ARCH 320 Architectural Design (3.5) and Communication I OR
DESIGN 21	Drafting and Perspective	(4) ARCH 321 Architectural Design (3.5) and Communication II
DESIGN 15	Form & Color	(4) ART 320 <u>&</u> Design: Fundamentals (3) ART 323 Design: Color Theory (3) AND
DESIGN 16	Graphics & The Computer	
DESIGN 40A	Energy, Materials, Design OR	<pre>(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation</pre>
DESIGN 40B	Ideologies of Design OR	(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
DESIGN 40C	Design Aesthetics/Exper	

TWO COURSES FROM THE FOLLOWING:

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

ART 12 B	eginning Video	(4)	NO COURSE ARTICULATED: College has not
		<i>.</i>	submitted course(s) for articulation
DESIGN 40A	Energy, Materials,	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
DESIGN 40B	Design Ideologies of Design	(4)	NO COURSE ARTICULATED: College has not
DESIGN IOD	ideologies of Design	(1)	submitted course(s) for articulation
DESIGN 40C	Design Aesthetics/Exper	(4)	NO COURSE ARTICULATED: College has not
	5 1	. ,	submitted course(s)for articulation
DESIGN 50	Intro to 3-D Design	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
DESIGN 70	Intro Textile Structure	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
DECTON 77	Intro to Eachian Dagion	(1)	
DESIGN 77	Intro to Fashion Design	(4)	NO COMPARABLE COURSE
DESIGN 77 UWRITING 11			NO COMPARABLE COURSE
			'
	Pop Sci & Technol	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation OR
	Pop Sci & Technol Wrtng OR Writing/Visual	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation OR NO COURSE ARTICULATED: College has not
UWRITING 11	Pop Sci & Technol Wrtng OR Writing/Visual Rhetoric	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation OR NO COURSE ARTICULATED: College has not submitted course(s)for articulation
UWRITING 11	Pop Sci & Technol Wrtng OR Writing/Visual Rhetoric OR	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation OR NO COURSE ARTICULATED: College has not

Formerly UWRITING 18 and Critical Thinking OR OR OR UWRITING 49 Writing Research Papers (4) NO COMPARABLE COURSE Formerly UWRITING 19 END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG 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:

o) HISTORY 9A	East Asian Civ	(4) HIST 364 <u>&</u>	Asian Civilization	(3)
			Asian Civilization	(3)
o) HISTORY 9B	East Asian Civ	(4) HIST 364 <u>&</u>	Asian Civilization	(3)
		HIST 365	Asian Civilization	(3)

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

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

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

- o) This articulation is series-for-series only. Students at Cosumnes River College who take both HIST 364 and HIST 365 will receive credit at UC Davis for HISTORY 9A and HISTORY 9B. Students who take only one of these courses will receive no course credit at UC Davis.
- x) Transfer students must take a UC Davis placement exam in Chinese language before enrolling in UC Davis Chinese language courses; duplication of coursework may result.
- y) Transfer students must take a UC Davis placement exam in Japanese language before enrolling in UC Davis Japanese language courses; duplication of credit may result.

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5) BIOL 400	Principles of Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	BIOL 410 &	Principles of Botany	(5) (5) (5)

		e	BIOL 410 <u>&</u> Principles of Botany () BIOL 420 Principles of Zoology () 	
CHEM 2A	Genl Chemistry	(5)	CHEM 400 General Chemistry (1) CHEM 400 & General Chemistry (1) CHEM 401 General Chemistry (1) CHEM 401 General Chemistry (1)	5) 5)
	Principles Physics Principles Physics OR			
PHYSICS 7A	General Physics	(4)	PHYS 350 <u>&</u> General Physics (* PHYS 360 General Physics (* OR	
			PHYS 370 & Introductory Physics - () Mechanics and Thermodynamics	5)
			PHYS 380 Introductory Physics - (! Electricity and Magnetism, Light and	5)
PHYSICS 7B	General Physics	(4)	Modern Physics PHYS 350 & General Physics (4) PHYS 360 General Physics (4) OR OR (4)	4) 4)
			PHYS 370 <u>&</u> Introductory Physics - (! Mechanics and Thermodynamics	5)
			PHYS 380 Introductory Physics - (! Electricity and Magnetism, Light and	5)
PHYSICS 7C	General Physics	(4)	Modern PhysicsPHYS 350 & General Physics(*PHYS 360General PhysicsGeneral Physics(*	
			<u>OR</u> PHYS 370 <u>&</u> Introductory Physics - (! Mechanics and	5)
			Thermodynamics PHYS 380 Introductory Physics - (!) Electricity and Magnetism, Light and	5)
their commu series befo series may	unity college that is equiv ore transferring. Students be required to take addit.	valen who ional	Modern Physics mplete an entire physics series at 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	
 MATH 16A	Short Calculus	(3)	and Social Sciences I	3)
MATH 16B	Short Calculus	(3)	MATH 351 Calculus for Life and () Social Sciences II	5) 3)
	OR		OR	5)
MATH 17A	Calculus for BioSci	(4)	and Social Sciences I	3)
MATH 17B	Calculus for Biosci	(4)	MATH 355 Calculus for Biology and Medicine I (MATH 356 Calculus for Biology	(4)
	CATCALAD LOL DIODOL	(1)	I Calculus for Brotogy	

	OR	OR
MATH 21A	Calculus	(4) MATH 400 Calculus I (5)
MATH 21B	Calculus	(4) MATH 401 Calculus II (5)
ENV S&P 1	Env Analysis	(4) NO COMPARABLE COURSE

PREPARATION FOR GRADUATION:

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

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

Special Advising Note:

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

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

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

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

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

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

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

-Statistics 13

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

information.

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

ECON 1A	Princ of Microecon	(4)	ECON 304	Principles of	(3)
				Microeconomics	
ECON 1B	Princ of Macroecon	(4)	ECON 302	Principles of	(3)
				Macroeconomics	
STATIST 13	Elementary Statistics	(4)	STAT 300) Introduction to	(4)
Same as:	STATIST 13Y			Probability and	
				Statistics	
			OR		
			PSYC 330) Introductory	(3)
				Statistics for	
				Behavioral Sciences	
			OR		
			ECON 310) Economic Statistics	(3)
	AD		i	AD	
	OR	(1)		OR	
STATIST 32	OR Gateway to Data Science	(4)		SE ARTICULATED: College has	
STATIST 32		(4)			
STATIST 32 MATH 16A			submitte	SE ARTICULATED: College has	
	Gateway to Data Science		submitte	GE ARTICULATED: College has ed course(s) for articulati	lon
	Gateway to Data Science		submitte	GE ARTICULATED: College has ed course(s) for articulati Calculus for the Life	lon
	Gateway to Data Science		submitte MATH 350 	GE ARTICULATED: College has ed course(s) for articulati Calculus for the Life and Social Sciences I Calculus I	(3)
	Gateway to Data Science	(3)	submitte MATH 350 <u>OR</u>	SE ARTICULATED: College has ed course(s) for articulati Calculus for the Life and Social Sciences I Calculus I Calculus for Life and	(3)
MATH 16A	Gateway to Data Science Short Calculus	(3)	Submitte MATH 350 <u>OR</u> MATH 400 MATH 351 	GE ARTICULATED: College has ed course(s) for articulati Calculus for the Life and Social Sciences I Calculus I	(3)
MATH 16A	Gateway to Data Science Short Calculus	(3)	Submitte MATH 350 MATH 400 MATH 351 <u>OR</u>	 ARTICULATED: College has course(s) for articulati Calculus for the Life and Social Sciences I Calculus I Calculus for Life and Social Sciences II 	(3) (5) (3)
MATH 16A	Gateway to Data Science Short Calculus Short Calculus	(3)	Submitte MATH 350 <u>OR</u> MATH 400 MATH 351 	 ARTICULATED: College has course(s) for articulati Calculus for the Life and Social Sciences I Calculus I Calculus for Life and Social Sciences II Calculus II 	(3)
матн 16а Матн 16в	Gateway to Data Science Short Calculus Short Calculus OR	(3)	Submitte MATH 350 MATH 400 MATH 351 	 ARTICULATED: College has ed course(s) for articulation Calculus for the Life and Social Sciences I Calculus I Calculus for Life and Social Sciences II Calculus II Calculus II OR 	(3) (5) (3)
матн 16а Матн 16в	Gateway to Data Science Short Calculus Short Calculus	(3)	Submitte MATH 350 MATH 400 MATH 351 	 ARTICULATED: College has ed course(s) for articulation of the Life and Social Sciences I Calculus I Calculus for Life and Social Sciences II Calculus II Calculus II Calculus II OR Calculus I 	(3) (5) (3)

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

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

END OF MAJOR

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

Special Advising Note:

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

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

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

ENGLISH 3	Intr	o to Lit	(4)	ENGWR 	301	College Composition and Literature	(3)
		OR				OR	
UWRITING 1	Exp	ository Writing	(4)	ENGWR	300	College Composition	(3)
m) ENGLISH	10A	Literatures in English I: To 1700	(4)	ENGLT 	310	English Literature I	(3)
m) ENGLISH	10B	Literatures in English II:	(4)	ENGLT	-	English Literature II	(3)
		1700-1900		ENGLT	320	American Literature	(3)
m) ENGLISH	10C	Literatures in	(4)	ENGLT	311	English Literature II	(3)
		English III: 1900		01	R		
		to Present		ENGLT 	321	American Literature II	(3)

ONE COURSE FROM THE FOLLOWING:

c) ENGLISH 40	Intro Topics in Lit	(4)	ENGLT 330	African American (3) Literature
			OR	
			ENGLT 336	Race and Ethnicity in (3)
			ĺ	Contemporary
			ĺ	American Literature
			OR	
			ENGLT 402	Introduction to (3)
				Shakespeare and Film
ENGLISH 41	Intro Topics Lit &	(4)	NO COURSE	ARTICULATED: College has not
	Media		submitted	course(s)for articulation
c) ENGLISH 43	Intro Topics in	(4)	ENGLT 402	Introduction to (3)
	Drama			Shakespeare and Film
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 COMPAR	ABLE COURSE

END OF MAJOR

- m) If a student takes ENGLT 311 at Cosumnes River College, credit will be given for UC Davis's ENGLISH 10B or ENGLISH 10C, but not both.
- c) If a student takes ENGLT 402 at Cosumnes River College, credit will be given for UC Davis's English 40 or English 43, not both; maximum credit one course at UC Davis.

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

Special Advising Note:

Education(GE) Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL	400		Principles of Biology	(5)
BIOLSCI 2B		(5)	BIOL	410	&	Principles of Biology Principles of Botany Principles of Zoology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL	410	&	Principles of Botany	(5)
CHEM 2A CHEM 2B		(5)	CHEM	400	&	General Chemistry General Chemistry General Chemistry	(5) (5)
	Organic Chem-Brief Organic Chem-Brief OR					LE COURSE	
CHEM 118A	Org Chem, Hlth & Sci						
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM	420	<u>&</u>		(5) (5) (5)
MATH 16A	Short Calculus	(3)	 MATH 01			Calculus for the Life and Social Sciences I	(3)
MATH 16B	Short Calculus	(3)	MATH	400 351		Calculus I Calculus for Life and Social Sciences II	(5) (3)
MATH 16C	Short Calculus	(3)	MATH MATH	401 351		Calculus II Calculus for Life and Social Sciences II	(5) (3)
	OR		<u>01</u> MATH 	401		Calculus II OR	(5)
MATH 17A	Calculus for BioSci	(4)	MATH 	350		Calculus for the Life and Social Sciences I	(3)
			<u>0</u> MATH			Coloulus for Diologra	
			MATH	355		Calculus for Biology	

MATH 17B	Calculus for Biosci	(4)	MATH 356	and Medicine I Calculus for Biology and Medicine II	(4) (4)
MATH 17C	Calculus for BioSci	(4)	MATH 356	Calculus for Biology and Medicine II	(4)
	OR		1	OR	
MATH 21A MATH 21B MATH 21C	Calculus	(4)	MATH 400 MATH 401 MATH 402	Calculus I Calculus II	(5) (5) (5)
PHYSICS 1A PHYSICS 1B	Principles Physics Principles Physics		1	ABLE COURSE ABLE COURSE	
	Elementary Statistics STATIST 13Y	(4)	STAT 300 OR	Introduction to Probability and Statistics	(4)
			<u>0k</u> PSYC 330 	Introductory Statistics for Behavioral Sciences	(3)
			OR		
	OR		ECON 310	Economic Statistics OR	(3)
STATIST 32	Gateway to Data Science	(4)	1	ARTICULATED: College has course(s) for articulat:	
	OR			OR	
PL SCI 21	Computers in Technology	(3)	AGB 310 	Agriculture Computer Application	(3)

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

Special Advising Note:

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

END OF MAJOR

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 General Catalog . Quick reference charts for AP and IB are also available from our TAG website. _____ ENVHORT 1 Intro Envhort/Urb For (3) NO COURSE ARTICULATED: College has not submitted course(s) for articulation ENVHORT 6 Intro Environ Plants (4) HORT 305 Plant Identification-Fall (3) Selections OR HORT 306 Plant (3) Identification-Spring Selections _____ LND ARC 30 History Environ Design (4) | NO COMPARABLE COURSE _____ BIOLSCI 2A Intro Biology:Life on (5) BIOL 400 Principles of Biology (5) Earth BIOLSCI 2B Intro Biology: Ecology (5) BIOL 400 & Principles of Biology (5) & Evolution |BIOL 410 & Principles of Botany (5) |BIOL 420 Principles of Zoology (5) PL SCI 2 Bot Physio Cul Plt (4) NO COMPARABLE COURSE _____ CHEM 2AGenl Chemistry(5)CHEM 400General Chemistry(5)CHEM 2BGenl Chemistry(5)CHEM 400 $\underline{\mathbf{k}}$ General Chemistry(5)CHEM 401 General Chemistry (5) _____ ENV S&P 1 Env Analysis (4) NO COMPARABLE COURSE OR OR ENV S&P 10 Current Issues in (3) GEOG 302 Environmental Studies (3) | | <u>OR</u> Environment & Sustainability BIOL 350 Environmental Biology (3) ENV S&P 10 not open for credit to students who have completed ENV S&P 1 OR OR Global Ecosystem (3) NO COMPARABLE COURSE ENV S&P 30 Same as: ENV SC&M 30 _____ PHYSICS 1APrinciples Physics(3) | NO COMPARABLE COURSEPHYSICS 1BPrinciples Physics(3) | NO COMPARABLE COURSE _____ PL SCI 21 Computers in Technology (3) AGB 310 Agriculture Computer (3) Application _____ (3) MATH 350 Calculus for the Life (3) MATH 16A Short Calculus and Social Sciences I OR MATH 400 Calculus I (5) OR OR

 STATIST 13
 Elementary Statistics
 (4) STAT 300
 Introduction to

 Same as:
 STATIST 13Y
 Probability and

 (4) Statistics OR PSYC 330 Introductory (3) Statistics for Behavioral Sciences

	<u>OR</u> ECON 310	Economic Statistics	(3)
Select one lower division resource scient			
division social science/humanities cours			its

SCI&SOC	18	GIS &	URBAN LANDSCAPH Society				<u>ION</u> ARTICULATED: College has not
				(3)	sub	mitted	course(s) for articulation
			RECOMM	ENDED (COUR	SES:	
COMUNCN	1	Intro	Public Spkg	(4)	COM	M 301	Introduction to Public (3)
					 		Speaking

END OF MAJOR

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

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

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

Transfer Admission Guarantee (TAG) Note:

in consultation with advisor

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

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

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

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

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

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

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

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

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

COMUNCN 1	Intro Public Spkg	(4)	COMM 301 	Introduction to Public (Speaking	(3)
	OR			OR	
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	COMM 321	Communication	(3)
	OR			OR	
DRAMART 10	Intro To Acting	(4)	TA 350 <u>&</u> 	Theory and Techniques of (Acting I	(3)
			TA 351	Theory and Techniques of ((3)
			İ	Acting II	. ,
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 400 	Principles of Biology ((5)
	OR			OR	
BIOLSCI 10	Everyday Biology	(4)	BIOL 300	The Foundations of (Biology	(3)
			OR		
			BIOL 307	Biology of Organisms ((4)
			BIOL 310	General Biology ((4)
CHEM 2A G	enl Chemistry OR	(5)	СНЕМ 400 	General Chemistry (OR	(5)

CHEM 10	Concept of Chem	(4)	NO COMPARABLE COURSE
PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE
BIOLSCI 2B	& Evolution	(5)	BIOL 400 & Principles of Biology (5) BIOL 410 & Principles of Botany (5) BIOL 420 Principles of Zoology (5) OR
CHEM 2B		(5)	CHEM 400 & General Chemistry(5)CHEM 401General Chemistry(5)
PHYSICS 1B	OR Principles Physics	(3)	OR NO COMPARABLE COURSE
	ONE COURSE FR	ом т	HE FOLLOWING:
PL SCI 21		(3)	AGB 310 Agriculture Computer (3) Application
SCI&SOC 18	OR GIS & Society	(3)	OR NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ECON 1A	Princ of Microecon	(4)	ECON 304 Principles of (3) Microeconomics
ECON 1B	Princ of Macroecon	(4)	ECON 302 Principles of (3) Macroeconomics
	ONE COURSE FR	ом т	HE FOLLOWING:
AN SCI 1 ATM SCI 60	Domest Ani & People Intro to Atmospheric Science	(4) (4)	NO COMPARABLE COURSE NO COMPARABLE COURSE
PL SCI 12	1 The Earth Plants and Society SCI&SOC 12		GEOL 300 Physical Geology (3) NO COMPARABLE COURSE
		(3)	BIOL 352 Conservation Biology (3)
ENV S&P 1	Env Analysis	(4)	NO COMPARABLE COURSE
MATH 16A	Short Calculus	(3)	MATH 350 Calculus for the Life (3) and Social Sciences I OR
MATH 16B	Short Calculus	(3)	MATH 400 Calculus I (5) MATH 351 Calculus for Life and (3) Social Sciences II OR
	OR		MATH 401 Calculus II (5)
MATH 17A		(4)	MATH 350 Calculus for the Life (3) and Social Sciences I
			OR MATH 355 Calculus for Biology and Medicine I (4)
MATH I'/B	Calculus for Blosci	(4)	MATH 356 Calculus for Biology and Medicine II (4)
MATH 21A	OR Calculus	(4)	OR MATH 400 Calculus I (5)
MATH 21B			MATH 401 Calculus II (5)
POL SCI 1	Amer Natl Govt	(4)	POLS 301Introduction to(3)Government:United

States ------_____ STATIST 13 Elementary Statistics (4) STAT 300 Introduction to (4) Same as: STATIST 13Y Probability and Statistics OR PSYC 330 Introductory (3) Statistics for Behavioral Sciences OR ECON 310 Economic Statistics (3) OR OR STATIST 32 Gateway to Data Science (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation _____ CLIMATE CHANGE POLICY AREA: SCI&SOC 25 Global Climate Change (3) BIOL 351 Global Climate Change (3) Same as: GEOG 305 OR GEOG 305 Global Climate Change (3) Same as: BIOL 351 _____

END OF MAJOR

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

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

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

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

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

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

COMUNCN 1	Intro Public Spkg OR	(4) COMM 301 Introduction to Public Speaking OR	(3)
COMUNCN 3	Intprsnl Com Cmpetnce OR	(4) COMM 321 Interpersonal Communication OR	(3)
DRAMART 10	Intro To Acting	<pre>(4) TA 350 & Theory and Techniques of Acting I TA 351 Theory and Techniques of Acting II</pre>	
BIOLSCI 2A	Intro Biology:Life on Earth	(5) BIOL 400 Principles of Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5) BIOL 400 <u>&</u> Principles of Biology BIOL 410 <u>&</u> Principles of Botany BIOL 420 Principles of Zoology	(5) (5) (5)

BIOLSCI 2C Intro Biology: Biodiversity & the Tree of Life		BIOL 410 & Principles of Botany (5) BIOL 420 Principles of Zoology (5)
CHEM 2A Genl Chemistry CHEM 2B Genl Chemistry OR	(5) (5)	CHEM 400General Chemistry(5)CHEM 400&General Chemistry(5)CHEM 401General Chemistry(5)OROR
CHEM 2AH Honors Genl Chemistry CHEM 2BH Honors Genl Chemistry		NO COMPARABLE COURSE
i) GEOLOGY 1 The Earth OR	(4)	GEOL 300 Physical Geology (3)
i) GEOLOGY 50 Physical Geology	(3)	-
PHYSICS 1A Principles Physics PHYSICS 1B Principles Physics OR	(3) (3)	NO COMPARABLE COURSE NO COMPARABLE COURSE OR
PHYSICS 7A General Physics	(4)	-
		PHYS 370 & Introductory Physics - (5) Mechanics and Thermodynamics
		PHYS 380 Introductory Physics - (5) Electricity and Magnetism, Light and Modern Physics
PHYSICS 7B General Physics	(4)	PHYS 350 & General Physics (4)
		PHYS 360 General Physics (4)
		PHYS 370 & Introductory Physics - (5) Mechanics and Thermodynamics
		PHYS 380 Introductory Physics - (5) Electricity and Magnetism, Light and
PHYSICS 7C General Physics	(4)	Modern PhysicsPHYS 350 & General Physics(4)
		PHYS 360 General Physics (4) OR
		PHYS 370 & Introductory Physics - (5) Mechanics and Thermodynamics
		PHYS 380 Introductory Physics - (5) Electricity and Magnetism, Light and
It is highly recommended that students their community college that is equiva- series before transferring. Students of series may be required to take addition Davis, and will need to meet with a Uo physics.	alen who onal	t to the entire UC Davis Physics 7A/B/C transfer without completing an entire physics courses upon arrival at UC
ECON 1A Princ of Microecon	(4)	ECON 304 Principles of (3) Microeconomics
MATH 16A Short Calculus	(3)	MATH 350 Calculus for the Life (3) and Social Sciences I OR
MATH 16B Short Calculus	(3)	MATH 400Calculus I(5)MATH 351Calculus for Life and (3)

				Social Sciences II	
				boolar boloneed it	
	-		<u>OR</u> MATH 401	Calculus II	(5
МАТН 17А	OR Calculus for BioSci	(4)	 MATH 350 	OR Calculus for the Life and Social Sciences I	(3
			OR MATH 355	Calculus for Biology	
		(4)		and Medicine I	(4
MATH 17B	Calculus for Biosci	(4)	MATH 356	Calculus for Biology and Medicine II	(4
	OR			OR	
	Calculus Calculus			Calculus I Calculus II	(5 (5
	RECOMMENDED COU				
CHEM 2C	Genl Chemistry	(5)	CHEM 401	General Chemistry	(5
	OR Honors Genl Chemistry			OR	·
	PREPARATION	FOR	GRADUATION		
	Elementary Statistics : STATIST 13Y	(4)	STAT 300 	Introduction to Probability and Statistics	(4
		(4)	STAT 300 <u>OR</u> PSYC 330	Probability and Statistics Introductory Statistics for	·
		(4)	<u>OR</u> PSYC 330 <u>OR</u>	Probability and Statistics Introductory Statistics for Behavioral Sciences	(4
		(4)	<u>OR</u> PSYC 330 	Probability and Statistics Introductory Statistics for Behavioral Sciences	(3
			OR PSYC 330 ECON 310	Probability and Statistics Introductory Statistics for Behavioral Sciences Economic Statistics	·
Same as	: STATIST 13Y ECOLOGY, BIODIVERSITY, Intro to Atmospheric Science	AND (4)	OR PSYC 330 OR ECON 310 CONSERVATION NO COMPARAN	Probability and Statistics Introductory Statistics for Behavioral Sciences Economic Statistics	(3
Same as	: STATIST 13Y ECOLOGY, BIODIVERSITY, Intro to Atmospheric	AND (4)	OR PSYC 330 CONSERVATION NO COMPARAN	Probability and Statistics Introductory Statistics for Behavioral Sciences Economic Statistics ON TRACK: BLE COURSE	(3
Same as ATM SCI 60 	: STATIST 13Y ECOLOGY, BIODIVERSITY, Intro to Atmospheric Science CLIMATE CHANG Intro to Atmospheric Science	 AND (4) E AN (4)	OR PSYC 330 CONSERVATION NO COMPARAN D AIR QUALIS NO COMPARAN NO COMPARAN	Probability and Statistics Introductory Statistics for Behavioral Sciences Economic Statistics ON TRACK: BLE COURSE	(3
Same as ATM SCI 60 	: STATIST 13Y ECOLOGY, BIODIVERSITY, Intro to Atmospheric Science CLIMATE CHANG Intro to Atmospheric Science	AND (4) E AN (4) (4)	OR PSYC 330 CONSERVATION NO COMPARAN D AIR QUALIS NO COMPARAN NO COMPARAN	Probability and Statistics Introductory Statistics for Behavioral Sciences Economic Statistics ON TRACK: BLE COURSE	(3
Same as ATM SCI 60 ATM SCI 60 	: STATIST 13Y ECOLOGY, BIODIVERSITY, Intro to Atmospheric Science CLIMATE CHANG Intro to Atmospheric Science WATERSHED Water, Power, Society	 (4) E AN (4) SCI	OR PSYC 330 OR ECON 310 CONSERVATION NO COMPARAN AND COMPARAN NO COMPARAN ENCE TRACK:	Probability and Statistics Introductory Statistics for Behavioral Sciences Economic Statistics ON TRACK: BLE COURSE TY TRACK: BLE COURSE	(3)
Same as ATM SCI 60 ATM SCI 60 ATM SCI 60 HYDRO S 10 Same as	: STATIST 13Y ECOLOGY, BIODIVERSITY, Intro to Atmospheric Science CLIMATE CHANG Intro to Atmospheric Science WATERSHED Water, Power, Society : SCI&SOC 10	 (4) E AN (4) SCI (3)	OR PSYC 330 OR ECON 310 CONSERVATION NO COMPARAN NO COMPARAN NO COMPARAN ENCE TRACK: NO COURSE A submitted of	Probability and Statistics Introductory Statistics for Behavioral Sciences Economic Statistics ON TRACK: BLE COURSE TY TRACK: BLE COURSE	(3 (3
Same as ATM SCI 60 ATM SCI 60 	: STATIST 13Y ECOLOGY, BIODIVERSITY, Intro to Atmospheric Science CLIMATE CHANG Intro to Atmospheric Science WATERSHED Water, Power, Society	AND (4) E AN (4) SCI (3) (3)	OR PSYC 330 OR ECON 310 CONSERVATION NO COMPARAN D AIR QUALI: NO COMPARAN ENCE TRACK: NO COURSE A submitted of NO COURSE A submitted of	Probability and Statistics Introductory Statistics for Behavioral Sciences Economic Statistics ON TRACK: BLE COURSE TY TRACK: BLE COURSE ARTICULATED: College has course(s) for articulati ARTICULATED: College has course(s) for articulati	(3 (3 s no s no

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

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer admission. See the 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 400 Principles of Biology	(5)
BIOLSCI 2B Intro Biology: Ecology & Evolution	BIOL 410 🐱 Principles of Botany	(5) (5) (5)
BIOLSCI 2C Intro Biology: Biodiversity & the Tree of Life	(5) BIOL 410 & Principles of Botany	(5) (5) (5)
CHEM 2A Genl Chemistry CHEM 2B Genl Chemistry	(5) CHEM 400 & General Chemistry	 (5) (5) (5)
CHEM 2C Genl Chemistry OR		(5)
CHEM 2AH Honors Genl Chemistry CHEM 2BH Honors Genl Chemistry CHEM 2CH Honors Genl Chemistry	 (5) NO COMPARABLE COURSE (5) NO COMPARABLE COURSE (5) NO COMPARABLE COURSE 	
CHEM 118A Org Chem, Hlth & Sci		(5)
CHEM 118B Org Chem, Hlth & Sci	(4) CHEM 420 & Organic Chemistry	(5) (5) (5)
CHEM 118C Org Chem, Hlth & Sci	(4) CHEM 420 & Organic Chemistry	(5) (5) (5)
OR	OR	(0)
CHEM 128A Organic Chemistry	(3) CHEM 420 & Organic Chemistry	(5) (5)
CHEM 128B Organic Chemistry	(3) CHEM 420 & Organic Chemistry	(5) (5) (5)
CHEM 128C Organic Chemistry	(3) CHEM 420 & Organic Chemistry	(5)
CHEM 129A Organic Chem Lab	(2) CHEM 420 & Organic Chemistry	(5) (5) (5)
MATH 17A Calculus for BioSci	(4) MATH 350 Calculus for the Life and Social Sciences I	(3)
	OR MATH 355 Calculus for Biology	
MATH 17B Calculus for Biosci	(4) MATH 356 Calculus for Biology	(4)
MATH 17C Calculus for BioSci	and Medicine II (4) MATH 356 Calculus for Biology	(4)

MATH 21A MATH 21B MATH 21C	OR Calculus Calculus Calculus		(4)	MATH	400 401 402	Calculus II	(5) (5) (5)
PHYSICS 7A	General	Physics	(4)		360	General Physics General Physics	(4) (4)
				PHYS	370 <u>&</u>	Introductory Physics - Mechanics and Thermodynamics	(5)
				PHYS 	380	Introductory Physics - Electricity and Magnetism, Light and Modern Physics	(5)
PHYSICS 7B	General	Physics	(4)		350 <u>&</u> 360 R	-	(4) (4)
				·	370 <u>&</u>	Introductory Physics - Mechanics and Thermodynamics	(5)
				PHYS 	380	Introductory Physics - Electricity and Magnetism, Light and Modern Physics	(5)
PHYSICS 7C	General	Physics	(4)		350 <u>&</u> 360 R	-	(4) (4)
				PHYS	370 <u>&</u>	Introductory Physics - Mechanics and Thermodynamics	(5)
				PHYS 	380	Introductory Physics - Electricity and Magnetism, Light and Modern Physics	(5)

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

END OF MAJOR

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

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 400	Principles of Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology	(5)		Principles of Biology	(5)
	& Evolution		BIOL 410 &	Principles of Botany	(5)
BIOLSCI 2C	Intro Biology:	(5)	BIOL 420	Principles of Zoology Principles of Botany	(5) (5)
BIODSCI ZC	Biodiversity & the Tree			Principles of Zoology	• •
	of Life			TIMOIPICS OF LOOIDY	(3)
	Genl Chemistry			General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)		General Chemistry	(5)
			CHEM 401	General Chemistry	(5)
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARAB	LE COURSE	
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARAB	LE COURSE	
MATH 17A	Calculus for BioSci	(4)	MATH 350	Calculus for the Life	(3)
			OR	and Social Sciences I	
			_	Calculus for Biology	
			1 milli 555	and Medicine I	(4)
MATH 17B	Calculus for Biosci	(4)	MATH 356	Calculus for Biology	
				and Medicine II	(4)
	OR			OR	
MATH 21A	Calculus	(4)	MATH 400	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 401	Calculus II	(5)
PHYSICS 1A	Principles Physics	(3)	NO COMPARAB	LE COURSE	
PHYSICS 1B	Principles Physics	(3)	NO COMPARAB	LE COURSE	
	REC	-	NDED:		
MATH 17C	Calculus for BioSci	(4)	MATH 356	Calculus for Biology	
			1	and Medicine II	(4)

ORORMATH 21CCalculus(4)MATH 402Calculus 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 <u>or</u> 21A/B Chemistry 2A/B/C Biological Sciences 2A/B/C

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

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

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

Transfer students must also meet UC transfer admission requirements. UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. See the <u>UC Transfer</u> 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 <u>http://tag.ucdavis.edu</u> for details regarding UC Davis TAG.

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

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	 BIOL 	400	Principles of Biology (5)	
BIOLSCI 2B		(5)		410	 <u>&</u> Principles of Biology (5) <u>&</u> Principles of Botany (5) Principles of Zoology (5) 	
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life		BIOL	410	& Principles of Botany (5)	
		(5)	CHEM	400	General Chemistry (5) <u>&</u> General Chemistry (5) Conorral Chemistry (5)	
CHEM 2C Ge	enl Chemistry	(5)	CHEM	401	General Chemistry (5) General Chemistry (5)	
CHEM 8A Or CHEM 8B Or	rganic Chem-Brief ganic Chem-Brief OR	(2) (4)	NO CC NO CC	MPAR	ABLE COURSE	
CHEM 118A	Org Chem, Hlth & Sci				<u>&</u> Organic Chemistry (5) Organic Chemistry (5)	
CHEM 118B	Org Chem, Hlth & Sci	(4)		420	& Organic Chemistry (5)	
CHEM 118C	Org Chem, Hlth & Sci	(4)		420	& Organic Chemistry (5)	
 МАТН 17А С	Calculus for BioSci	(4)	İ		Calculus for the Life (3) and Social Sciences I	
			_	0 R 355	Calculus for Biology and Medicine I (4))
МАТН 17В С	Calculus for Biosci	(4)	MATH	356		
МАТН 17С С	Calculus for BioSci	(4)	MATH	356	Calculus for Biology and Medicine II (4))
	OR				OR	
MATH 21A C MATH 21B C	Calculus Calculus	(4)	MATH	401	Calculus I (5) Calculus II (5)	

PHYSICS 7A	General Physics		s 350 <u>&</u>		(4)
		PH	S 360	General Physics	(4)
			<u>or</u> S 370 &	Introductory Physics -	(=)
		Pn. 	.5 370 <mark>a</mark>	Mechanics and	(3)
				Thermodynamics	
		PH	S 380	Introductory Physics -	(5)
		İ		Electricity and	
				Magnetism, Light and	
	~] _] _			Modern Physics	(
PHYSICS 7B	General Physics		IS 350 <u>&</u>		(4)
		PH:	rs 360 or	General Physics	(4)
		PH	<u>s</u> 370 &	Introductory Physics -	(5)
				Mechanics and	(=)
		İ		Thermodynamics	
		PH	S 380	Introductory Physics -	(5)
				Electricity and	
				Magnetism, Light and	
PHYSICS 7C	General Physics	 ינית (<i>ו</i>)	.s 350 &	Modern Physics General Physics	(4)
PHISICS /C	General Physics		.s 350 <u>æ</u> :s 360	General Physics	(4)
			OR		(1)
		PH	s 370 &	Introductory Physics -	(5)
				Mechanics and	
				Thermodynamics	
		PH	S 380	Introductory Physics -	(5)
				Electricity and Magnetism, Light and	
				Modern Physics	
-	-			urses upon arrival at UC before continuing with	
MATH 210	Calculus			Calculus III	(5)
MAIH 21C	Calculus	(4) MA.	.H 402	calculus III	(5)
The underg and Enviro will not b	====Fiber & ADVISORY FOR FALL 2019 raduate major Fiber and nmental Sciences is sus e available. The minor	Polymer Sc pended for 2	ence in 2018 and	S.==== the College of Agricult 2019 applicants, and TA er Science remains avail	Gs
to applica	nts.				
				General Chemistry	
				the College of Agricult 11 2017 applicants, and	
				and Polymer Science wil	
				icants are encouraged to	
	he Textiles and Clothir				
 СНЕМ 2В	Genl Chemistry	(5) <i>C</i> ui		General Chemistry	 (5)
	cont chemiptry			General Chemistry	
CHEM 2C	Genl Chemistry	(5) CHI	CM 401	General Chemistry	(5)
B) ENG CS	15 Intro to Computer	s (4) CIS	SC 310	Introduction to	(3)
	±				

	Computer Information Science
OR	OR
ENG CS 36A Programming (4)	CISP 360 Introduction to (4)
Formerly ENG CS 30	Structured Programming

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

MATH 16A	Short Calculus	(3)	MATH 350	Calculus for the Life and Social Sciences I	(3)
			OR	and Social Sciences i	
			<u>OR</u> MATH 400	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 351	Calculus for Life and	(3)
MAIN 10B	Short Carcurus	(3)		Social Sciences II	(5)
			OR	Social Sciences II	
			MATH 401	Calculus II	(5)
MATH 16C	Short Calculus	(3)	MATH 351	Calculus for Life and	(3)
		(0)		Social Sciences II	(0)
			OR		
			MATH 401	Calculus II	(5)
	OR		İ	OR	. ,
MATH 21A	Calculus	(4)	MATH 400	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 401	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 402	Calculus III	(5)
PHYSICS 7A	General Physics	(4)	PHYS 350 <u>&</u>	-	(4)
			PHYS 360	General Physics	(4)
			OR		
			PHYS 370 <u>&</u>		(5)
				Mechanics and	
				Thermodynamics	<i>.</i> – .
			PHYS 380	Introductory Physics -	(5)
				Electricity and	
				Magnetism, Light and	
DUVETCE 7D	Conoral Dhuging	(1)	 הטעפ 250 נ	Modern Physics	(1)
PHYSICS 7B	General Physics	(4)	PHYS 350 <u>&</u> PHYS 360	General Physics General Physics	(4)
			OR	General Physics	(4)
			PHYS 370 &	Introductory Physics -	(5)
				Mechanics and	())
				Thermodynamics	
			PHYS 380	Introductory Physics -	(5)
				Electricity and	(-)
				Magnetism, Light and	
			İ	Modern Physics	
PHYSICS 7C	General Physics	(4)	PHYS 350 &	-	(4)
			PHYS 360	General Physics	(4)
			OR		
			PHYS 370 &	Introductory Physics -	(5)
				Mechanics and	
				Thermodynamics	
			PHYS 380	Introductory Physics -	(5)
				Electricity and	
				Magnetism, Light and	
				Modern Physics	

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

Davis, and will need to meet with a UC Davis advisor before continuing with physics. OR | CA PHYSICS 9A Classical Physics (5) PHYS 411 Mechanics of Solids (4) and Fluids PHYSICS 9B Classical Physics (5) PHYS 431 Heat, Waves, Light and (4) Modern Physics PHYSICS 9C Classical Physics (5) PHYS 421 Electricity and (4) Magnetism _____ STATIST 13 Elementary Statistics (4) STAT 300 Introduction to (4) Probability and Same as: STATIST 13Y Statistics OR PSYC 330 Introductory (3) Statistics for Behavioral Sciences OR ECON 310 Economic Statistics (3) _____ TEX&CL 6 Intro Textiles (4) NO COMPARABLE COURSE _____ (4) NO COMPARABLE COURSE TEX&CL 8 Textile Apparel Ind OR OR ENGIN 45 Prop of Mats (4) ENGR 412 Properties of (3) Materials ______ PREPARATION FOR GRADUATION: CHEM 128A Organic Chemistry (3)|CHEM 420 & Organic Chemistry (5) (5) CHEM 421 Organic Chemistry (3) CHEM 420 <u>&</u> Organic Chemistry
(CHEM 421 Organic Chemistry
(3) CHEM 420 <u>&</u> Organic Chemistry
(3) CHEM 421 Organic Chemistry CHEM 128B Organic Chemistry (5) (5) (5) CHEM 128C Organic Chemistry CHEM 421 Organic Chemistry (5) CHEM 129A Organic Chem Lab (2) CHEM 420 & Organic Chemistry (5) CHEM 421 Organic Chemistry (5) CHEM 129B Organic Chem Lab (2) CHEM 420 & Organic Chemistry (5) CHEM 421 Organic Chemistry (5) _____ ELECTIVE COURSES: ECON 1A Princ of Microecon (4) ECON 304 Principles of (3) Microeconomics ECON 1BPrinc of Macroecon(4)ECON 302Principles of
Macroeconomics (3) _____ ------MATH 22A Linear Algebra (3) | MATH 410 Introduction to Linear (3) MATH 22BDifferntl EquationsAlgebraMATH 420Differential Equations (4) _____ PL SCI 21 Computers in Technology (3) AGB 310 Agriculture Computer Application (3) _____ END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

COMUNCN 1	Intro Public Spkg	(4)	COMM 	301		Introduction to Public Speaking	(3)
MATH 16A	Short Calculus	(3)	MATH			Calculus for the Life and Social Sciences I	(3)
			<u>01</u> MATH	-		Calculus I	(5)
МАТН 16В	Short Calculus	(3)	MATH MATH 			Calculus for Life and Social Sciences II	(3)
			OI	-			
МАТН 16С	Short Calculus	(3)	MATH MATH 			Calculus II Calculus for Life and Social Sciences II	(5) (3)
				ર		boerar bereneed if	
			MATH	401		Calculus II	(5)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 	400		Principles of Biology	(5)
 CHEM 2A	Genl Chemistry Genl Chemistry	(5)	 CHEM	400		General Chemistry	(5)
СНЕМ 2В	Genl Chemistry	(5)	CHEM	400	<u>&</u>	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM CHEM	401 401		General Chemistry General Chemistry	(5) (5)
 CHEM 8A		(2)	NO CC			LE COURSE	
	AND	(4)				AND	
CHEM 8B	Organic Chem-Brief OR	(4)	INO CC	JMPAI	KABI	DE COURSE OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM	420	&	Organic Chemistry	(5)
			CHEM	421		Organic Chemistry	(5)
				100	-	AND	(=)
CHEM 118B	Org Chem, Hlth & Sci		CHEM			Organic Chemistry Organic Chemistry	(5) (5)
	OR			421		OR	(5)
CHEM 128A	Organic Chemistry	(3)	CHEM	420	&	Organic Chemistry	(5)
			CHEM			Organic Chemistry	(5)
ATTEN 1005	AND	121		400	~	AND	/ - `
CHEM 128B	Organic Chemistry	(3)	CHEM			Organic Chemistry Organic Chemistry	(5) (5)
	AND			τΔ⊥		AND	(3)
CHEM 129A	Organic Chem Lab	(2)	CHEM	420	&	Organic Chemistry	(5)
			CHEM			Organic Chemistry	(5)

			PHYS			General Physics	(4)
			<u>Of</u> PHYS 	-	<u>&</u>	Introductory Physics Mechanics and Thermodynamics	- (5)
			PHYS	380		Introductory Physics Electricity and Magnetism, Light and	- (5)
PHYSICS 7B	General Physics	(4)	 PHYS PHYS	360		Modern Physics General Physics General Physics	(4) (4)
			<u>Of</u> PHYS 	-	<u>&</u>	Introductory Physics Mechanics and	- (5)
			 PHYS 	380		Thermodynamics Introductory Physics Electricity and Magnetism, Light and	- (5)
PHYSICS 7C	General Physics	(4)	 PHYS PHYS		_	Modern Physics General Physics General Physics	(4) (4)
			OF				(=)
			PHYS	370	<u>&</u>	Introductory Physics Mechanics and Thermodynamics	- (5)
			PHYS 	380		Introductory Physics Electricity and Magnetism, Light and	- (5)
their community series before series may	y recommended that studer nity college that is equi re transferring. Students be required to take addit	valen who ional	t to t transf physi	the e fer w	enti vith cour	ire UC Davis Physics 7 Nout completing an ent rses upon arrival at U	A/B/C ire C
their commu- series before series may - Davis, and - physics.	nity college that is equi re transferring. Students be required to take addit will need to meet with a	valen who ional UC Da	t to t transf physi vis ad	the e fer w lcs c lviso	enti vith cour or k	ire UC Davis Physics 7 nout completing an ent cses upon arrival at U pefore continuing with	A/B/C ire C
their commu- series before series may - Davis, and - physics.	nity college that is equi re transferring. Students be required to take addit	valen who ional UC Da	t to t transf physi vis ad	the e fer w lcs c lviso	enti vith cour or k	ire UC Davis Physics 7 nout completing an ent cses upon arrival at U pefore continuing with	A/B/C ire C
their communisations before series may a physics. FD S&T 50 STATIST 13	nity college that is equi re transferring. Students be required to take addit will need to meet with a	who who ional UC Da 	t to t transf physi vis ad	the e fer w lcs c lviso MPAR	enti vith cour or k	ire UC Davis Physics 7 nout completing an ent cses upon arrival at U pefore continuing with	A/B/C ire C
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their communisations before series may a physics. FD S&T 50 STATIST 13	nity college that is equi re transferring. Students be required to take addit will need to meet with a Intro Food Preservation Elementary Statistics	who who ional UC Da 	t to t transf physi vis ad NO CO STAT STAT PSYC	che e er w los o lviso DMPAR 300 330	enti vith cour br k RABI	ire UC Davis Physics 7 hout completing an ent cses upon arrival at U before continuing with LE COURSE Introduction to Probability and Statistics Introductory Statistics for Behavioral Sciences	A/B/C ire C
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their communisations before series before series may a physics. FD S&T 50 STATIST 13 Same as: NUTR 10	nity college that is equi re transferring. Students be required to take addit will need to meet with a 	valen who ional UC Da (3) (4) 5 TO P	t to t transf physi vis ad NO CC STAT OF PSYC ECON ECON UTRI 	<pre>che e fer w lcs c lviso >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>></pre>	enti vith cour pr h RABI	The UC Davis Physics 7 nout completing an ent cases upon arrival at U before continuing with the continuing with the content of the content o	A/B/C ire C (4) (3) (3) (3) DIES:
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their communisations before series before series may a physics. FD S&T 50 STATIST 13 Same as: NUTR 10 RECOMMEND CHEM 118C CHEM 128C	nity college that is equi re transferring. Students be required to take addit will need to meet with a Intro Food Preservation Elementary Statistics STATIST 13Y Discoveries and Concepts ED FOR STUDENTS INTENDING Org Chem, Hlth & Sci OR Organic Chemistry AND	valen who ional UC Da (3) (4) 5 TO P (4) (3) (3)	t to t transf physi vis ad NO CC STAT STAT PSYC PSYC CHEM CHEM CHEM CHEM CHEM	che e er w cs c viso 0MPAR 300 330 330 330 420 421 420 421 420	enti vith cour pr k RABI D DUAI & & & &	ire UC Davis Physics 7 hout completing an ent cses upon arrival at U before continuing with LE COURSE Introduction to Probability and Statistics Introductory Statistics for Behavioral Sciences Economic Statistics Nutrition TE OR PROFESSIONAL STU Organic Chemistry OR Organic Chemistry Organic Chemistry Organic Chemistry OR Organic Chemistry AND	A/B/C ire C (4) (3) (3) (3) (3) (3) (3) (3) (3) (3) (3

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG 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 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

FRENCH 1	Elementary French	(5) NO COMPARABLE COURSE
FRENCH 2	Elementary French	(5) NO COMPARABLE COURSE
FRENCH 3	Elementary French	(5) NO COMPARABLE COURSE
FRENCH 21	Intermed French	(5) NO COMPARABLE COURSE
FRENCH 22	Intermed French	(5) NO COMPARABLE COURSE
FRENCH 23	Intermed French	(5) NO COMPARABLE COURSE

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

END OF MAJOR

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

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <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 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

 WOM STD 50
 Intro Gender Studies
 (4) |NO COURSE ARTICULATED: College has not submitted course(s) for articulation

 WOM STD 60
 Feminist Critiques
 (4) |NO COURSE ARTICULATED: College has not

WOM STD 70	Sexual:Thry&Hist	(4)	<pre> submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation</pre>
	TWO COURSES FR	NON	THE FOLLOWING:
AF-AMST 10	Af-Am Culture & Soc	(4)	NO COURSE ARTICULATED: College has not
AF-AMST 17	Women in Africa	(4)	<pre> submitted course(s)for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation</pre>
AMR STD 21	Objects & Everyday Life	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AMR STD 30 ANTHRO 2 C	Amr Images Pop Cult ultural Anthropology		NO COMPARABLE COURSE ANTH 310 Cultural Anthropology (3)
			OR ANTH 313 Introduction to (3) Cultural Anthropology: Medical Focus
anthro 20	Comparative Cultures	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ANTHRO 30	Sexualities	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
A A STD 1	Hist Exp Asian Am		NO COMPARABLE COURSE
a a std 2	Contemp Issues of Asian Americans	(4)	SOCSC 325 Asian Experience in (3) America
CHICANO 10	Intro to Chic Std	(4)	Same as: ETHNS 330 NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHICANO 21	Hlth Care Issues	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHICANO 50	Chicano Culture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
COMPLIT 12	Intro Women Writers		NO COMPARABLE COURSE
DRAMART 1	Theatre, Performance and Culture	(4)	NO COMPARABLE COURSE
ENGLISH 3	Intro to Lit	(4)	ENGWR 301 College Composition (3) and Literature
HISTORY 72A HISTORY 72B	Am Women & Gender	• •	NO COMPARABLE COURSE
	Am Women & Gender		HIST 331 Women in American (3) History
HISTORY 85 N A STD 10	Nat,Man&Mach/Amer NA Experience		NO COMPARABLE COURSE NO COURSE ARTICULATED: College has not
n a std 32	NA Music & Dance	(4)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not
POL SCI 7	Law & Politics	(4)	submitted course(s) for articulation
	eneral Psychology		PSYC 300 General Principles (3)
SCI&TEC 1	Intro Sci & Tech Std		NO COMPARABLE COURSE
	Intro History of Science	(4)	
SCI&TEC 20 SCI&TEC 32	Sci & Tec Std Methods Drugs, Science and		NO COMPARABLE COURSE NO COURSE ARTICULATED: College has not
SCIWIEC 52	Culture	(4)	submitted course(s) for articulation
Same as: 2			
	Self and Society		NO COMPARABLE COURSE
	Social Problems Sociology of Labor and		SOC 301Social Problems(3)NO COURSE ARTICULATED: College has not
200201 11	Employment	· - /	submitted course(s) for articulation
SOCIOL 30A		(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
	Writing Research Papers		NO COMPARABLE COURSE

Formerly UWRITING 19 WOM STD 20 Cult Repr of Gndr

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

Transfer Admission Guarantee (TAG) Note:

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL	400		Principles of Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL BIOL BIOL	410	&	Principles of Biology Principles of Botany Principles of Zoology	(5) (5) (5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life		1	410	&	Principles of Botany Principles of Zoology	(5)
			CHEM	400	&	General Chemistry General Chemistry General Chemistry	(5) (5) (5)
CHEM 2C	Genl Chemistry OR	(5)	CHEM	401		General Chemistry OR	(5)
CHEM 2BH	Honors Genl Chemistry	(5)	NO CC	OMPAI	RAB	-	
CHEM 8A CHEM 8B	Organic Chem-Brief Organic Chem-Brief OR					LE COURSE LE COURSE OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)			_	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM CHEM	420	&	Organic Chemistry Organic Chemistry Organic Chemistry	(5) (5) (5)
CHEM 118C	Org Chem, Hlth & Sci	(4)		420	&	Organic Chemistry Organic Chemistry	(5) (5)
 МАТН 17А	Calculus for BioSci	(4)	 MATH 	350		Calculus for the Life and Social Sciences I	(3)
			МАТН	<u>)</u> R 355		Calculus for Biology	
MATH 17B	Calculus for Biosci	(4)	MATH			and Medicine I Calculus for Biology and Medicine II	(4)
MATH 17C	Calculus for BioSci	(4)	МАТН	356		Calculus for Biology	

MATH 21A MATH 21B	OR Calculus Calculus			 MATH MATH			OR Calculus I Calculus II	(5) (5)	
PHYSICS 7A	General	Physics	(4)	 PHYS PHYS 0 1	360	<u>&</u>	General Physics General Physics	(4) (4)	
				PHYS 	-	<u>&</u>	Introductory Physics - Mechanics and Thermodynamics	• (5))
				PHYS	380		Introductory Physics - Electricity and Magnetism, Light and	• (5))
	General	Dharadaa	(1)		250		Modern Physics	(1)	、
PHYSICS 7B	General	Physics	(4)	PHYS PHYS		<u>&</u>	General Physics General Physics	(4) (4)	
				<u>0</u>	-				
				PHYS	370	<u>&</u>	Introductory Physics - Mechanics and	• (5))
				 PHYS 	380		Thermodynamics Introductory Physics - Electricity and Magnetism, Light and	• (5))
							Modern Physics		
PHYSICS 7C	General	Physics	(4)			&	General Physics	(4))
				PHYS			General Physics	(4))
				PHYS PHYS 	-	<u>&</u>	Introductory Physics - Mechanics and Thermodynamics	(5))
				PHYS 	380		Introductory Physics - Electricity and Magnetism, Light and Modern Physics	• (5))
							tire physics series at	/ 12 / 0	r

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 40	02 Calculus	III (5)

END OF MAJOR

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

Special Advising Note:

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

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

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

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG 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:

	History of Life		1	310	Historical Geology	(3)
GEOLOGY 31	History of Life Lab	(1)	GEOL 	311	Historical Geology Laboratory	(1)
i) GEOLOGY	50 Physical Geology	(3)	GEOL	300	Physical Geology	(3)
GEOLOGY 50			1		Physical Geology Laboratory	(1)
GEOLOGY 60	Earth Materials:Intro	(4)	NO CO	OMPARAE	BLE COURSE	
MATH 16A	Short Calculus	(3)	MATH	350	Calculus for the Life	(3)
					and Social Sciences I	
			0	-		
			MATH		Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH	351	Calculus for Life and	(3)
				_	Social Sciences II	
			0	_		
			MATH	401	Calculus II	(5)
	OR				OR	
MATH 21A	Calculus			400		(5)
MATH 21B	Calculus	(4)	MATH	401	Calculus II	(5)
	Carl Chariston			400	General Chemisters	
CHEM 2A	Genl Chemistry			400	-	(5)
CHEM 2B	Genl Chemistry	(5)		400 <u>æ</u> 401	General Chemistry	(5) (5)
			∣спвМ		General Chemistry	(5)

PHYSICS 7A	General Physics	(4)	PHYS 3 PHYS 3 OR		General Physics General Physics	(4) (4)
			PHYS 3 	370 <u>&</u>	Introductory Physics - Mechanics and Thermodynamics	(5)
			PHYS 3	80	Introductory Physics - Electricity and Magnetism, Light and	. (5)
PHYSICS 7B	General Physics	(4)	 PHYS 3	350 &	Modern Physics General Physics	(4)
		(1)	PHYS 3		General Physics	(4)
			PHYS 3	370 <u>&</u>	Introductory Physics - Mechanics and Thermodynamics	. (5)
			PHYS 3	80	Introductory Physics - Electricity and Magnetism, Light and	(5)
			1		Magnetism, Light and Modern Physics	
It is highly	recommended that studer	nts co	mplete	an en	1	
their communi series before	ity college that is equi e transferring. Students	ivalen s who	t to th transfe	ne ent er wit	ire UC Davis Physics 7A hout completing an enti	re
	e required to take addit ill need to meet with a					
	Elementary Statistics STATIST 13Y	(4)	 STAT 3 	300	Introduction to Probability and Statistics	(4)
			OR			
			PSYC 3	330	Introductory	(3)
					Statistics for Behavioral Sciences	
			OR		BEHAVIOLAL SCIENCES	
			<u> </u>			

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

END OF MAJOR

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

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

Special Advising Note:

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

GEOLOGY 3 History of Life	(3) GEOL 310 Historical Geology (3)
GEOLOGY 3L History of Life Lab	(1) GEOL 311 Historical Geology (1)
	Laboratory
i) GEOLOGY 50 Physical Geology	(3) GEOL 300 Physical Geology (3)
GEOLOGY 50L Physical Geol Lab	(2) GEOL 301 Physical Geology (1)
	Laboratory
GEOLOGY 60 Earth Materials:Intro	(4) NO COMPARABLE COURSE
GEOLOGY 62 Optical Mineralogy	(2) NO COURSE ARTICULATED: College has not
	submitted course(s) for articulation
	·····
MATH 21A Calculus	(4) MATH 400 Calculus I (5)
MATH 21B Calculus	(4) MATH 401 Calculus II (5)
MATH 21C Calculus	(4) MATH 402 Calculus III (5)
CHEM 2A Genl Chemistry	(5) CHEM 400 General Chemistry (5)
CHEM 2B Genl Chemistry	(5) CHEM 400 & General Chemistry (5)
	CHEM 401 General Chemistry (5)

SELECT ONE OF THE FOLLOWING THREE OPTIONS:

GENERAL GEOLOGY OPTION:

CHEM 2C	Genl Chemistry	(5)	CHEM	401	General	Chemistry	(5)
STATIST 32	Gateway to Data Science	(4)	NO CO	OURSE A	ARTICULAT	ED: College ha	as not
			submi	itted o	course(s)	for articulat	ion
PHYSICS 7A	General Physics	(4)	PHYS	350 <u>&</u>	General	Physics	(4)
			PHYS	360	General	Physics	(4)
			OF	R			
			PHYS	370 &	Introdu	ctory Physics	- (5)
					Mechani	cs and	
					Thermody	ynamics	
			PHYS	380	Introdu	ctory Physics	- (5)
					Electri	city and	
					Magneti	sm, Light and	
					Modern	Physics	

PHYSICS 7B	General Phys	ics (4)	PHYS PHYS		-	General Physics General Physics	(4) (4)
			0	-			
			PHYS	370	<u>&</u>	Introductory Physics - Mechanics and	(5)
			Ì			Thermodynamics	
			PHYS	380		Introductory Physics -	(5)
			i			Electricity and	
			İ			Magnetism, Light and	
			Ì			Modern Physics	
PHYSICS 7C	General Phys	ics (4)	PHYS	350	&	General Physics	(4)
			PHYS	360		General Physics	(4)
			0	R			
			PHYS	370	&	Introductory Physics -	(5)
						Mechanics and	
						Thermodynamics	
			PHYS	380		Introductory Physics -	(5)
						Electricity and	
						Magnetism, Light and	
						Modern Physics	
5 1			-			tire physics series at	

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

	OR				OR	
PHYSICS 9A	Classical Physics	(5)	PHYS	411	Mechanics of Solids and Fluids	(4)
PHYSICS 9B	Classical Physics	(5)	PHYS 	431	Heat, Waves, Light and Modern Physics	(4)
PHYSICS 9C	Classical Physics	(5)	PHYS 	421	Electricity and Magnetism	(4)

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

GEOCHEMISTRY/PETROLOGY OPTION:

CHEM 2C	Genl Chemistry	(5)	CHEM	401	General Chemistry	(5)
STATIST 32	Gateway to Data Science	(4)			ARTICULATED: College has	
			subm:	itted	course(s) for articulati	on
MATH 21D	Vector Analysis	(4)	MATH	402	Calculus III	(5)
PHYSICS 9A	Classical Physics	(5)	PHYS	411	Mechanics of Solids	(4)
					and Fluids	
PHYSICS 9B	Classical Physics	(5)	PHYS	431	Heat, Waves, Light and	(4)
					Modern Physics	

QUANTITATIVE/GEOPHYSICS OPTION:

MATH 21D MATH 22A	Vector Analysis Linear Algebra		МАТН МАТН		Calculus III Introduction to Linear Algebra	(5) (3)
PHYSICS 9A	Classical Physics	(5)	PHYS	411	Mechanics of Solids and Fluids	(4)
PHYSICS 9B	Classical Physics	(5)	PHYS	431	Heat, Waves, Light and Modern Physics	(4)
PHYSICS 9C	Classical Physics	(5)	PHYS	421	Electricity and Magnetism	(4)

END OF MAJOR

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

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

Special Advising Note:

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

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

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

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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:

GDISBIO 90	Intro Global Disease Bio	(1)			ARTICULATED: College has course(s)for articulatio	
SCI&SOC 13	Disease and Society	(3)			ARTICULATED:College has course(s)for articulatio	
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL ·	400	Principles of Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL · BIOL ·	410 8		(5) (5) (5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life		BIOL BIOL - 	410 <u>s</u>		(5) (5)
CHEM 2A CHEM 2B	Genl Chemistry Genl Chemistry		 CHEM	400 <u>s</u>	General Chemistry General Chemistry General Chemistry	(5) (5) (5)
CHEM 2C	Genl Chemistry	(5)	CHEM CHEM		General Chemistry	(5)
CHEM 8A CHEM 8B	Organic Chem-Brief Organic Chem-Brief OR	• •	1		ABLE COURSE ABLE COURSE OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM CHEM		Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM CHEM	420 <u>s</u>	5	(5) (5) (5)
 MATH 17A	Calculus for BioSci	(4)	MATH		Calculus for the Life and Social Sciences I	(3)
			<u>OI</u> MATH	_	Calculus for Biology and Medicine I	(4)
MATH 17B	Calculus for Biosci	(4)	MATH	356	Calculus for Biology and Medicine II	(4)
MATH 17C	Calculus for BioSci	(4)	MATH	356	Calculus for Biology and Medicine II	(4)
PHYSICS 7A	General Physics	(4)	PHYS	 350 <u>&</u>	General Physics	(4)

	PHYS 360 General Physics (4)
	PHYS 370 & Introductory Physics - (5) Mechanics and Thermodynamics
	PHYS 380 Introductory Physics - (5) Electricity and Magnetism, Light and Modern Physics
PHYSICS 7B General Physics (4)	PHYS 350 & General Physics (4)
	PHYS 360 General Physics (4)
	OR
	PHYS 370 & Introductory Physics - (5) Mechanics and
	Thermodynamics PHYS 380 Introductory Physics - (5) Electricity and Magnetism, Light and Modern Physics
It is highly recommended that students co	mplete an entire physics series at
their community college that is equivalent series before transferring. Students who series may be required to take additional Davis, and will need to meet with a UC Da	transfer without completing an entire physics courses upon arrival at UC

physics.

PREPARATION FOR GRADUATION:

STATIST 13 Same as:	Elementary STATIST 13Y	Statistics	(4)	STAT 300	Introduction to Probability and Statistics	(4)
				OR		
			İ	PSYC 330	Introductory	(3)
					Statistics for	
					Behavioral Sciences	
				OR		
				ECON 310	Economic Statistics	(3)

END OF MAJOR

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

Special Advising Note:

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

A.AFRICA

HISTORY 15A	Africa to 1900	(4) NO COURSE ARTICULATED
HISTORY 15B	Africa Today	(4) NO COURSE ARTICULATED

B. ASIA

HISTORY 8	Indi	lan Civiliz	ation	(4)	NO CO	OMPAI	RAB	LE COUI	RSE	
o) HISTORY	9A	East Asian	Civ	(4)	HIST	364	&	Asian	Civilization	(3)
					HIST	365		Asian	Civilization	(3)
<pre>o) HISTORY</pre>	9B	East Asian	Civ	(4)	HIST	364	&	Asian	Civilization	(3)
					HIST	365		Asian	Civilization	(3)

C. EUROPE

HISTORY 4A	Western Civ	(4) NO COMPARABLE COURSE	
HISTORY 4B	Western Civ	(4) HIST 301 & History of Western (3	3)
		Civilization (to 1660)	
		HIST 302 History of Western (3	3)
		Civilization	
HISTORY 4C	Western Civ	(4) HIST 302 History of Western (3	3)
		Civilization	

D. LATIN AMERICA

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
E. MIDE	DLE EAST
HISTORY 6 Intro to Middle East	(4) HIST 380 History of the Middle (3) East
F. UNI	ITED STATES
HISTORY 17A U.S. History	(4) HIST 312 History of the United (3) States (to 1865)
HISTORY 17B U.S. History	(4) HIST 313 <u>&</u> History of the United (3) States (1865-1945)
	HIST 314 Recent United States (3) History
HISTORY 18A Race in America to 1865	
HISTORY 72A Am Women & Gender	
HISTORY 72B Am Women & Gender	(4) HIST 331 Women in American (3) History
HISTORY 80 US in the Middle East	
HISTORY 85 Nat,Man&Mach/Amer	submitted course(s)for articulation (4) NO COMPARABLE COURSE
G.	. WORLD
HISTORY 1 Introduction to History	(2) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HISTORY 2 Intro History of Science	(4) NO COURSE ARTICULATED
HISTORY 3 Cities: Survey of World Cultures	(4) NO COMPARABLE COURSE
HISTORY 10A World History to 1350	(4) HIST 307 History of World (3) Civilizations to 1500
HISTORY 10B World History 1350-1850	(4) HIST 307 <u>&</u> History of World (3) Civilizations to 1500
	HIST 308 History of World (3) Civilizations, 1500 to Present
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 14 Hist Global Capitalism	(4) NO COURSE ARTICULATED
HISTORY 20 The Vietnam War	(4) NO COURSE ARTICULATED
HISTORY 90 Research in History	(4) NO COURSE ARTICULATED

END OF MAJOR

 o) This articulation is series-for-series only. Students at Cosumnes River College who take both HIST 364 and HIST 365 will receive credit at UC Davis for HISTORY 9A and HISTORY 9B. Students who take only one of these courses will receive no course credit at UC Davis.

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

Special Advising Note:

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

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

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

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

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

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

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

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

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

Select two of the following courses:

-	Human Evol Biol Cultural Anthropology		ANTH 300 ANTH 310 OR	Physical Anthropology Cultural Anthropology	(3) (3)
			ANTH 313	Introduction to Cultural Anthropology: Medical Focus	(3)
ANTHRO 15	Human Life Cycle	(5)	ANTH 374 	Birth to Death: The Anthropology of Primate Culture and Behavior	(3)
	Select one	e co	urse from:		
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 400	Principles of Biology	(5)
BIOLSCI 10	OR Everyday Biology	(4)	BIOL 300	OR The Foundations of Biology	(3)
			<u>OR</u> BIOL 307 OR	Biology of Organisms	(4)
	OR		BIOL 310	General Biology OR	(4)
MIC BIO 10	Natural History of Infectious Diseases	(3)	BIOL 342	The New Plagues: New and Ancient Infectious Diseases Threatening World Health	(3)
NE PH B 12	OR Human Brain and Disease	(3)	 NO COMPARAB	OR LE COURSE	
 MOL&CB 10	Intro Human Heredity	(4)	BIOL 462 		(3)
	Select one	e co	urse from:		
HISTORY 17A	U.S. History OR	(4)	HIST 312 	History of the United States (to 1865) OR	(3)
HISTORY 17B	U.S. History	(4)	HIST 313 <u>&</u>	History of the United States (1865-1945)	(3)
			HIST 314 	Recent United States History	(3)
HISTORY 72A	OR Am Women & Gender	(4)	 NO COMPARAB		
HISTORY 72B	OR Am Women & Gender OR	(4)	 HIST 331 	OR Women in American History OR	(3)
POL SCI 1	Amer Natl Govt	(4)	 POLS 301 	Introduction to Government: United States	(3)

Select two of the following courses:

PHILOS 5	Critical Reasoning	(4)	PHIL 320 Logic and Critical (3) Reasoning
PHILOS 15	Intro to Bioethics	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PHILOS 30	Intro Philos of Sci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PHILOS 31	Scientific Reason	(4)	NO COMPARABLE COURSE
PHILOS 32	Scientific Change	(4)	NO COMPARABLE COURSE
PHILOS 38	Intro Philos of Biol	(4)	NO COMPARABLE COURSE NO COURSE ARTICULATED: College has not submitted course(s) for articulation
NE PH B 10	Elem Human Physio	(3)	BIOL 430 <u>&</u> Anatomy and Physiology (5) BIOL 431 Anatomy and Physiology (5)
PSYCH 1	General Psychology	(4)	PSYC 300General Principles(3)
	Select one of the	foll	owing options:
PSYCH 41			PSYC 335 Research Methods in (3)
			Psychology
	OR		OR
SOCIOL 46A		(4)	NO COMPARABLE COURSE
	AND		AND
SOCIOL 46B		(5)	
	OR		OR
STATIST 10	Statist Thinking	(4)	NO COURSE ARTICULATED: College has not
	OR		submitted course(s) for articulation
ርሞአሞፑርሞ 12		(1)	STAT 300 Introduction to (4)
	STATIST 13Y	(4)	Probability and
ballie ab.	DIRITOT 191		Statistics
			OR
			PSYC 330 Introductory (3)
			Statistics for
			Behavioral Sciences
			OR
			ECON 310 Economic Statistics (3)

END OF MAJOR

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

Special Advising Note:

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

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

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Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

BIOLSCI 2A Intro Biology:Life on (5) BIOL 400 Principles of Biology (5)

BIOLSCI 2B	Earth Intro Biology: Ecology & Evolution	(5)	BIOL	400 <u>&</u> 410 <u>&</u> 420		(5) (5) (5)
CHEM 2B Ger	nl Chemistry nl Chemistry	(5)	CHEM CHEM	401		(5) (5) (5)
CHEM 2C Ger	hl Chemistry	(5)	CHEM	401	General Chemistry	(5)
PHYSICS 9A	Classical Physics	(5)	PHYS 	411	Mechanics of Solids and Fluids	(4)
PHYSICS 9B	Classical Physics	(5)	PHYS	431	Heat, Waves, Light and Modern Physics	(4)
PHYSICS 9C	Classical Physics	(5)	PHYS 	421	Electricity and Magnetism	(4)
MATH 21A Ca	alculus	(4)	MATH	400	Calculus I	(5)
MATH 21B Ca	alculus	(4)	MATH	401	Calculus II	(5)
MATH 21C Ca	alculus	(4)	MATH	402	Calculus III	(5)
MATH 21D Ve	ector Analysis	(4)	MATH	402	Calculus III	(5)
MATH 22A Li	lnear Algebra	(3)	MATH	410	Introduction to Linear Algebra	(3)
MATH 22B Di	lfferntl Equations	(3)	MATH	420	Differential Equations	(4)
	Physical Geology Physical Geol Lab			300 301	Physical Geology Physical Geology	(3) (1)
		(2)			Laboratory	、 エ <i>)</i>
ENGIN 6 Eng END OF MAJOR	gr Prob Solving	(4)	NO CO	OMPARAE	BLE COURSE	

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

INT AG 10	Intro Intl Ag Development	(4) NO COMPARABLE COUR: 	SE
PL SCI 2	Bot Physio Cul Plt	(4) NO COMPARABLE COUR	SE
SOILSCI 10	Soils in Our Environment	(3) HORT 302 Soils, Manager Nutrit.	ment, and Plant

			Same as	: PLTS 310	
ECON 1A	Princ of Microecon AND	(4)	ECON 304 	Principles of Microeconomics AND	(3)
	Princ of Macroecon	(4)	İ	Principles of Macroeconomics	(3)
STATIST 13	Elementary Statistics : STATIST 13Y	(4)	STAT 300 	Introduction to Probability and Statistics	(4)
			<u>OR</u> PSYC 330	Introductory Statistics for Behavioral Sciences	(3)
			<u>OR</u> ECON 310	Economic Statistics	(3)
	OR Intro Social Rsch				
	Short Calculus		MATH 350		
				Calculus I	
CM&RGDE 1	The Community	(4)	NO COURSE A	ARTICULATED: College has course(s) for articulati	not on
	SIX QUARTER U			OLLOWING:	
	Pop,Envr,World Agri		submitted o	course(s) for articulati	
AN SCI 41 AN SCI 41L	Domestic Ani Prod Domest An Prod Lab	(2) (2)	NO COURSE 2	BLE COURSE ARTICULATED: College has course(s)for articulatio	
CM&RGDE 20	Food Systems	(4)	NO COURSE 2		not
PL SCI 1	Discoveries and Concepts Agr Nature & Society	(3)	NO COMPARA	BLE COURSE	(3)
PL SCI 15 PL SCI 49	Intro Sustainable Agriculture Org Crop Prod Prac		submitted o	ARTICULATED: College has course(s) for articulati ARTICULATED: College has	on
			submitted o	course(s) for articulati	on
	FOREIGN LANG	JAGE :	REQUIREMENT	:	
language pr <u>exams</u> .	ust complete 15-quarter-uni roficiency examination. See	e <u>htt</u>	p://llc.ucda	avis.edu/foreign-languag	e-pl
Examination	5, 4, or 3 on a foreign land n (except Latin) or a score also satisfy this requireme	e of			
			CIALIZATION		
BIOLSCI 2A	AGRICULTURAI Intro Biology:Life on Earth				(5)
BIOLSCI 2B		(5)		Principles of Biology Principles of Botany	

 BIOLSCI 2B
 Intro Biology. Ecology
 (5) BIOL 400 a
 Frinciples of Biology
 (5)

 & Evolution
 BIOL 410 a
 Principles of Botany
 (5)

 CHEM 2A
 Genl Chemistry
 (5) CHEM 400
 General Chemistry
 (5)

 CHEM 2B
 Genl Chemistry
 (5) CHEM 400
 General Chemistry
 (5)

 CHEM 2B
 Genl Chemistry
 (5)
 CHEM 401
 General Chemistry
 (5)

	TRADE AND ECONOM	IC D	EVELOPMENT	OPTION:	
MATH 16B	Short Calculus	(3)	MATH 351 	Calculus for Life and Social Sciences II	(3)
			OR		
			MATH 401	Calculus II	(5)
SOCIOL 1	Intro Sociology OR	(5)	SOC 300	Introductory Sociology OR	(3)
ANTHRO 2	Cultural Anthropology	(5)	ANTH 310	Cultural Anthropology	(3)
			ANTH 313	Introduction to Cultural Anthropology: Medical Focus	(=)
AGRESEC 15	Pop,Envr,World Agri	(4)		ARTICULATED: College has course(s) for articulati	
	ENVIRONMEN	TAL	ISSUES OPTI	 ION:	
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 400 	Principles of Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		Principles of BiologyPrinciples of BotanyPrinciples of Zoology	(5)
ENV S&P 1	Env Analysis	(4)	1		(5)
	RURAL COM	MUNI	TIES OPTION	 I:	
SOCIOL 1	Intro Sociology				(3)
	Cultural Anthropology				(3)
			ANTH 313	Introduction to Cultural Anthropology: Medical Focus	(3)

END OF MAJOR

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

Special Advising Note:

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College Foreign Language Requirement Note:

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

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

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ANTHRO 2	Cultural Anthropology	(5)	 ANTH 310 OR	Cultural Anthropology	(3)
				Introduction to Cultural Anthropology: Medical Focus	(3)
	OR Princ of Microecon	(4)	İ	OR Principles of Microeconomics	(3)
	Princ of Macroecon	(4)	ECON 302 		(3)
HISTORY 40		(4)		History of Western Civilization OR	(3)
	C World History III	(4)		ABLE COURSE	
	Intro Comp Politics	(4)	POLS 302 	Introduction to Government: Foreign	(3)
POL SCI 3	Internatl Relations	(4)	POLS 310 		(3)
Same as	2Y Data Visualization S: COMUNCN 12Y, PSYCH 12Y su SOCIOL 12Y		NO COURSE	ARTICULATED: College has (s)for articulation	not
	OR B Elementary Statistics STATIST 13Y	(4)		OR Introduction to Probability and Statistics	(4)
			<u>OR</u> PSYC 330 	Introductory Statistics for Behavioral Sciences	(3)
SOCIOL 46E	OR 3 Intro Social Rsch	(5)	İ	Economic Statistics OR ABLE COURSE	(3)
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 articulation ARABIC 2 Elem Arabic (5) NO COURSE ARTICULATED: College has not submitted course(s) for articulation ARABIC 21 Intermed Arabic (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation ARABIC 22 Intermed Arabic (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation ARABIC 23 Intermed Arabic (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation ARABIC 23 Intermed Arabic (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation ARABIC 3 Elem Chinese (5) NO COMPARABLE COURSE X) CHINESE 1 Elem Chinese (5) NO COMPARABLE COURSE X) CHINESE 3 Inter Chinese (5) NO COMPARABLE COURSE X) CHINESE 4 Inter Chinese (5) NO COMPARABLE COURSE X) CHINESE 5 Inter Chinese (5) NO COMPARABLE COURSE X) CHINESE 4 N Mand/Cant Spkrs II (5) NO COMPARABLE COURSE X) CHINESE 10N Mand/Cant Spkrs II (5) NO COMPARABLE COURSE X) CHINESE 10N Mand/Cant Spkrs II (5) NO COMPARABLE COURSE X) CHINESE 10N Mand/Cant Spkrs II				
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OR OR x) CHINESE 1 Elem Chinese (5) NO COMPARABLE COURSE x) CHINESE 2 Elem Chinese (5) NO COMPARABLE COURSE x) CHINESE 3 Elem Chinese (5) NO COMPARABLE COURSE x) CHINESE 4 Inter Chinese (5) NO COMPARABLE COURSE x) CHINESE 5 Inter Chinese (5) NO COMPARABLE COURSE x) CHINESE 6 Inter Chinese (5) NO COMPARABLE COURSE x) CHINESE 10N Mand/Cant Spkrs II (5) NO COMPARABLE COURSE x) CHINESE 20N Mand/Cant Spkrs III (5) NO COMPARABLE COURSE x) CHINESE 20N Mand/Cant Spkrs III (5) NO COMPARABLE COURSE x) CHINESE 18L Accl Wrth Chinese I (5) NO COMPARABLE COURSE x) CHINESE 2BL Accl Wrth Chinese I (5) NO COMPARABLE COURSE x) CHINESE 3BL Accl Wrth Chinese I (5) NO COMPARABLE COURSE x) CHINESE 3BL Accl Wrth Chinese I (5) NO COMPARABLE COURSE x) CHINESE 3BL Accl Wrth Chinese I (5) NO COMPARABLE COURSE rementary French (5) NO COMPARABLE COURSE FRENCH 1 Elementary French (5) NO COMPARABLE COURSE FRENCH 2 Intermed French <td>ARABIC 23</td> <td>Intermed Arabic</td> <td>(4)</td> <td>-</td>	ARABIC 23	Intermed Arabic	(4)	-
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RUSSIAN 5 Intermed Russian (4) NO COMPARABLE COURSE				
	RUSSIAN 5	Intermed Russian	(4)	NO COMPARABLE COURSE

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

	OR		OR	
SPANISH 1	Elementary Spanish	(5)	SPAN 401 Elementary Spanish (4	E)
SPANISH 2	Elementary Spanish	(5)	SPAN 401 & Elementary Spanish (4	.)
			SPAN 402 Elementary Spanish (4	.)
SPANISH 3	Elementary Spanish	(5)	SPAN 402 Elementary Spanish (4	.)
SPANISH 21	Intm Spanish	(5)	SPAN 411 Intermediate Spanish (4	E)
SPANISH 22	Intm Spanish	(5)	SPAN 412 Intermediate Spanish (4	.)
	OR		OR	
SPANISH 31	Int Span Nat Spk I	(5)	NO COMPARABLE COURSE	
SPANISH 32	Int Span Nat Spk II	(5)	NO COMPARABLE COURSE	
SPANISH 33	Int Span Nat Spk III	(5)	NO COMPARABLE COURSE	

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

END OF MAJOR

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

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

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

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

END OF MAJOR

====Japanese A.B.====

Special Advising Note:

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

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

Japanese Placement Examination Note:

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

y)	JPNESE 1	Elem Japanese	(5) NO	COMPARABLE	COURSE
y)	JPNESE 2	Elem Japanese	(5) NO	COMPARABLE	COURSE
y)	JPNESE 3	Elem Japanese	(5) NO	COMPARABLE	COURSE
y)	JPNESE 4	Inter Japanese	(5) NO	COMPARABLE	COURSE
y)	JPNESE 5	Inter Japanese	(5) NO	COMPARABLE	COURSE
y)	JPNESE 6	Inter Japanese	(5) NO	COMPARABLE	COURSE

RECOMMENDED COURSES FOR THIS MAJOR:

JPNESE 10	Masterworks in English	(4)	NO COMPARABLE COURSE
JPNESE 25	Language & Culture (in	(4)	NO COMPARABLE COURSE
	English)		
CHINESE 10	Modern Lit (in Engl)	(4)	NO COMPARABLE COURSE
CHINESE 11	Gt Bks China (Engl)	(4)	NO COMPARABLE COURSE
CHINESE 50	Intro to Literature	(4)	NO COMPARABLE COURSE
Same as:	JPNESE 50		
LINGUIS 1	Intro Linguistics	(4)	NO COMPARABLE COURSE
o) HISTORY 9	9B East Asian Civ	(4)	HIST 364 & Asian Civilization (3)
			HIST 365 Asian Civilization (3)

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.
- o) This articulation is series-for-series only. Students at Cosumnes River College who take both HIST 364 and HIST 365 will receive credit at UC Davis for HISTORY 9A and HISTORY 9B. Students who take only one of these courses will receive no course credit at UC Davis.

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

Special Advising Note:

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

PRE-MAJOR REQUIREMENT:

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

	Intro Public Spkg	(4)		Introduction to Public Speaking	(3)
	Intro to Lit	(4)			(3)
	Expository Writing OR			College Composition OR	
UWRITING 48 Formerly	Style in the Essay UWRITING 18 OR	(4)	ENGWR 302	Advanced Composition and Critical Thinking OR	(3)
UWRITING 49 Formerly UV	Writing Research Papers	(4)	NO COMPARAB 		
BIOLSCI 2B	Intro Biology: Ecology & Evolution		BIOL 410 & BIOL 420	Principles of Biology Principles of Botany Principles of Zoology	(5)
ENVHORT 6	Intro Environ Plants				(3)
			HORT 306	Plant Identification-Spring Selections	(3)
	ONE COURSE FR	ROM T	HE FOLLOWING	: :	
MATH 16A	Short Calculus	(3)	MATH 350 OR	Calculus for the Life and Social Sciences I	(3)
	Elementary Statistics STATIST 13Y	(4)	MATH 400	Calculus I Introduction to Probability and Statistics	(5) (4)
			PSYC 330	Introductory Statistics for	(3)

Behavioral Sciences

CISP 370 Beginning Visual BASIC (4)

ECON 310 Economic Statistics (3)

ENG CS 32A Intro to Programming(4) Formerly ENG CS 10

ONE COURSE FROM THE FOLLOWING:

(5) CHEM 400 General Chemistry (5) CHEM 2A Genl Chemistry CHEM 10 Concept of Chem CHEM 10Concept of Chem(4) NOCOMPARABLECOURSEPHYSICS 1APrinciples Physics(3) NOCOMPARABLECOURSEPHYSICS 10Topics, Nonscientists(4) PHYS310Conceptual Physicsi)CFOLOCY 1The Forth(4) PHYS10 (3) i) GEOLOGY 1The Earth(4) GEOL 300Physical GeologySOILSCI 10Soils in Our(3) HORT 302Soils, SoilEnvironmentImagement, and Plant (3) (3) Nutrition Same as: PLTS 310 _____ LND ARC 1 Intro Environ Design (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation LND ARC 2 Place,Culture,Community (4) NO COMPARABLE COURSE LND ARC 3 Sustainable Development (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation LND ARC 21 Landscape Rep I (4) NO COMPARABLE COURSE Formerly Design Visualization | LND ARC 23 Landscape Rep II (3) NO COURSE ARTICULATED LND ARC 30 History Environ Design (4) NO COMPARABLE COURSE LND ARC 50 Site Ecology (4) NO COMPARABLE COURSE LND ARC 60 Landform Grading Studio (6) NO COMPARABLE COURSE LND ARC 70 Intro to Spacemaking (4) NO COMPARABLE COURSE _____ Two courses in Arts and Humanities selected from the UC Davis GE/Breadth Articulation Agreement TB: Arts and Humanities (www.ASSIST.org 16-17 agreement) _____ Two courses in Social Sciences selected from the UC Davis GE/Breadth Articulation Agreement TB: Social Sciences.

END OF MAJOR

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

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

here for general transfer admission to the major. Visit <u>http://tag.ucdavis.edu</u> for details regarding UC Davis TAG.

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

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

College Foreign Language Requirement Note:

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

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

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

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

LINGUIS 1 Intro Linguistics (4) NO COMPARABLE COURSE

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

END OF MAJOR

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

Special Advising Note:

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

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

Special Advising Note for Future Applicants*

Beginning fall 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).

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-Mathematics 16A/B or Mathematics 17A/B or Mathematics 21A/B
-Economics 1A/B
-Statistics 13
*Information for future applicants is subject to change.
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Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

ASSIST for more information about UC Davis GE.

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

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

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

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

COMUNCN 1 Intro Public Spkg	(4) COMM 301 	Introduction to Public (3) Speaking OR
COMUNCN 3 Intprsnl Com Cmpetnce	(4) COMM 321	Interpersonal (3) Communication
AGRESEC 18 Business Law	(4) BUS 340	Business Law (3)
ECON 1A Princ of Microecon	(4) ECON 304	Principles of (3) Microeconomics
ECON 1B Princ of Macroecon	(4) ECON 302	Principles of (3) Macroeconomics
PL SCI 21 Computers in Technology	(3) AGB 310 	Agriculture Computer (3) Application OR
B) ENG CS 15 Intro to Computers	(4) CISC 310	Introduction to (3) Computer Information Science

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

MGMT 11A MGMT 11B	Elem Accounting Elem Accounting	. ,	ACCT 301 ACCT 311	Financial Accounting Managerial Accounting	(4)
MATH 16A	Short Calculus	(3)	MATH 350 	Calculus for the Life and Social Sciences I	(3)
			OR		
			MATH 400	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 351	Calculus for Life and Social Sciences II	(3)
			OR		
			MATH 401	Calculus II	(5)
MATH 16C	Short Calculus	(3)	MATH 351	Calculus for Life and	(3)
		(0)		Social Sciences II	(0)
			OR		
			MATH 401	Calculus II	(5)
	0.5				())
	OR			OR	

MATH 17A	Calculus for BioSci	(4)	MATH 350 	Calculus for the Life and Social Sciences I	(3)
			OR		
			MATH 355	Calculus for Biology	
				and Medicine I	(4)
MATH 17B	Calculus for Biosci	(4)	MATH 356	Calculus for Biology	
				and Medicine II	(4)
	OR			OR	
MATH 21A	Calculus	(4)	MATH 400	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 401	Calculus II	(5)
	Elementary Statistics	(4)	STAT 300	Introduction to	(4)
Same as:	STATIST 13Y			Probability and	
				Statistics	
			OR		
			PSYC 330	Introductory	(3)
				Statistics for	
				Behavioral Sciences	
			OR		
			ECON 310	Economic Statistics	(3)

END OF MAJOR

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

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

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

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

Students must identify an area of focus in order to select the appropriate major/college pairing on the UC application for undergraduate admission and scholarships. A student's chosen focus area will determine the college into which the student is admitted, the college where the degree is awarded, and the associated department: -Coastal Environmental Processes (College of Agricultural and Environmental Sciences; Environmental Science and Policy) -Marine Ecology and Organismal Biology (College of Biological Sciences; Evolution and Ecology) -Marine Environmental Chemistry (College of Agricultural and Environmental Sciences; Environmental Toxicology) -Oceans and the Earth System (College of Letters and Science; Earth and Planetary Sciences) Visit http://bml.ucdavis.edu/education/marine-coastal-science-undergraduate-major/ for details regarding the marine and coastal science undergraduate major.

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL	400	Principles of Biology	(5)
BIOLSCI 2B		(5)	BIOL	410 &	Principles of Biology Principles of Botany	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree		BIOL		Principles of Botany	(5)
	of Life					
CHEM 2A	Genl Chemistry Genl Chemistry	(5)	CHEM	400 <u>&</u>	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM	401	General Chemistry General Chemistry	(5)
 MATH 16A					Calculus for the Life and Social Sciences I	
				<u>R</u> 400	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 	351		
			<u>0</u> MATH	401	Calculus II	(5)
MATH 16C	Short Calculus	(3)	MATH 	351	Calculus for Life and Social Sciences II	(3)
	OR		<u>0</u> MATH 	401	Calculus II OR	(5)
MATH 17A	Calculus for BioSci	(4)	MATH 	350		(3)
			MATH			
			MATH	355	Calculus for Biology and Medicine I	(4)
MATH 17B	Calculus for Biosci	(4)	МАТН	356	Calculus for Biology and Medicine II	(4)
MATH 17C	Calculus for BioSci	(4)	МАТН	356	Calculus for Biology and Medicine II	(4)
	OP		1		OR	
MATH 21A	OR Calculus	(4)	 MATH	400	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH	401	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH	402	Calculus III	(5)
PHYSICS 7A	General Physics	(4)		350 <u>&</u> 360	General Physics General Physics	(4) (4)
					Tetuciustow, Dhucies	(,)
			PHYS 	370 <u>&</u>	Introductory Physics - Mechanics and Thermodynamics	(5)
			PHYS	380	Introductory Physics - Electricity and	(5)
					Magnetism, Light and Modern Physics	
PHYSICS 7B	General Physics	(4)		350 <u>&</u>	General Physics	(4)
			PHYS	360 P	General Physics	(4)
				370 <u>&</u>	Mechanics and	(5)
			 PHYS 	380	Thermodynamics Introductory Physics - Electricity and	(5)
					Magnetism, Light and	

PHYSICS	7C	General	Physics
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(4)	PHYS PHYS PHYS OI	360		Modern Physics General Physics General Physics	(4) (4)
	PHYS	-	<u>&</u>	Introductory Physics - Mechanics and Thermodynamics	(5)
	PHYS	380		Introductory Physics - Electricity and Magnetism, Light and	(5)
				Modern Physics	

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

	OR				OR	
PHYSICS 9A	Classical Physics	(5)] 	PHYS	411	Mechanics of Solids (4 and Fluids	F)
PHYSICS 9B	Classical Physics	(5)] 	PHYS	431	Heat, Waves, Light and (4 Modern Physics	F)
PHYSICS 9C	Classical Physics	(5)]	PHYS	421	Electricity and (4 Magnetism	F)

STRONGLY RECOMMENDED:

EVOL&EC 12	Life in the Sea		ARTICULATED: College has not course(s)for articulation
GEOLOGY 16	The Oceans	(3) GEOL 330 	Introduction to (3) Oceanography

END OF MAJOR

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

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

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

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

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

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

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

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

Students must identify an area of focus in order to select the appropriate
major/college pairing on the UC application for undergraduate admission and
scholarships. A student's chosen focus area will determine the college into
which the student is admitted, the college where the degree is awarded, and the
associated department:
-Coastal Environmental Processes (College of Agricultural and Environmental
Sciences; Environmental Science and Policy)
-Marine Ecology and Organismal Biology (College of Biological Sciences;
Evolution and Ecology)
-Marine Environmental Chemistry (College of Agricultural and Environmental
Sciences; Environmental Toxicology)
-Oceans and the Earth System (College of Letters and Science; Earth and
Planetary Sciences)
Visit 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 $\underline{General\ Catalog}$. Quick reference charts for \underline{AP} and \underline{IB} are also available from our TAG website.

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 	400		Principles of Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL BIOL			Principles of Biology Principles of Botany	(5) (5)
			BIOL			Principles of Zoology	(5)
BIOLSCI 2C	Intro Biology:	(5)	1				(5)
	Biodiversity & the Tree		BIOL			Principles of Zoology	
	of Life		 				
	enl Chemistry		CHEM			General Chemistry	(5)
CHEM 2B G	enl Chemistry	(5)	CHEM	400	<u>&</u>	General Chemistry	(5)
CUEW DO C	and Chamistry	(5)	CHEM	401 401			(5) (5)
CHEM 2C G	enl Chemistry AND	(5)	CHEM	401		AND	(5)
CHEM 8A O	rganic Chem-Brief	(2)	NO CO	OMPAI	RAB	LE COURSE	
CHEM 8B O	rganic Chem-Brief	(4)	NO CO	OMPAI	RAB	LE COURSE	
MATH 17A	Calculus for BioSci	(4)	MATH	350		Calculus for the Life	(3)
			İ			and Social Sciences I	
			<u>0</u> MATH				
			MA.I.H	355		Calculus for Biology and Medicine I	(4)
MATH 17B	Calculus for Biosci	(4)	MATH	356		Calculus for Biology	(=)
		(-)	1	550		and Medicine II	(4)
							()
MATH 17C	Calculus for BioSci	(4)	MATH	356		Calculus for Biology	
						and Medicine II	(4)
	OR					OR	
MATH 21A	Calculus					Calculus I	(5)
MATH 21B	Calculus	(4)	MATH	401		Calculus II	(5)
PHYSICS 7A	General Physics	(4)	PHYS	350	<u>&</u>	General Physics	(4)
			PHYS			General Physics	(4)
							(
			PHYS	370	<u>&</u>	Introductory Physics - Mechanics and	(5)
						Thermodynamics	
			PHYS	380		Introductory Physics -	(5)
			ĺ			Electricity and	
			İ			Magnetism, Light and	
						Modern Physics	
PHYSICS 7B	General Physics	(4)	PHYS			General Physics	(4)
			PHYS OI			General Physics	(4)
			PHYS		&	Introductory Physics -	(5)
					-	Mechanics and	
						Thermodynamics	
			PHYS	380		Introductory Physics -	(5)
						Electricity and	
						Magnetism, Light and Modern Physics	
PHYSICS 7C	General Physics	(4)	 PHYS	350	&	General Physics	(4)
		/					· - /

PHYS 360	General Physics	(4)
OR		
PHYS 370 <u>&</u>	Introductory Physics -	(5)
	Mechanics and	
	Thermodynamics	
PHYS 380	Introductory Physics -	(5)
Ì	Electricity and	
İ	Magnetism, Light and	
İ	Modern Physics	

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

	OR			OR
PHYSICS 9A	Classical Physics	(5)	PHYS 411	Mechanics of Solids (4) and Fluids
PHYSICS 9B	Classical Physics	(5)	PHYS 431	Heat, Waves, Light and (4) Modern Physics
PHYSICS 9C	Classical Physics	(5)	PHYS 421	Electricity and (4) Magnetism

STRONGLY RECOMMENDED:

EVOL&EC 12	Life in the Sea			ARTICULATED: Colleg course(s)for articu	
GEOLOGY 16	The Oceans	(3)	GEOL 330	Introduction to Oceanography	(3)

END OF MAJOR

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

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

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

Students must identify an area of focus in order to select the appropriate major/college pairing on the UC application for undergraduate admission and scholarships. A student's chosen focus area will determine the college into which the student is admitted, the college where the degree is awarded, and the associated department: -Coastal Environmental Processes (College of Agricultural and Environmental Sciences; Environmental Science and Policy) -Marine Ecology and Organismal Biology (College of Biological Sciences; Evolution and Ecology) -Marine Environmental Chemistry (College of Agricultural and Environmental Sciences; Environmental Toxicology) -Oceans and the Earth System (College of Letters and Science; Earth and Planetary Sciences) Visit <u>http://bml.ucdavis.edu/education/marine-coastal-science-undergraduate-major/</u>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 U<u>C Transfer Admission website</u>. The courses used for the A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

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

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

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

avallable I	rom our TAG website.					
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 	400	Principles of Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution		BIOL	410 &	Principles of Botany	(5)
BIOLSCI 2C	Intro Biology:			420 410 &		
	Biodiversity & the Tree					
	of Life					
CHEM 2A	Genl Chemistry	(5)	 CHEM	400	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM	400 <u>&</u>	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM	401 401	General Chemistry General Chemistry	(5) (5)
MATH 16A	Short Calculus	(3)	MATH 	350	Calculus for the Life and Social Sciences I	
				R		
			1	400		(5)
MATH 16B	Short Calculus	(3)	MATH	351	Calculus for Life and Social Sciences II	(3)
				R		
матн 160	Short Calculus				Calculus II Calculus for Life and	(5) (3)
	Shore carcaras	(3)		551	Social Sciences II	(3)
				<u>R</u> 401	Coloulus II	(
	OR			401	Calculus II OR	(5)
MATH 17A	Calculus for BioSci	(4)	MATH	350		(3)
)R	and Social Sciences I	
			MATH		Calculus for Biology	
MATH 17B	Calculus for Biosci	(1)	l או אידידיד	256	and Medicine I Calculus for Biology	(4)
MAIN 17B	calculus for Broser	(4)	IMAIN	330	and Medicine II	(4)
		(1)		356		
MATH 17C	Calculus for BioSci	(4)	MA'I'H	356	Calculus for Biology and Medicine II	(4)
						. ,
MATH 21A	OR Calculus	(4)	 MATH	400	OR Calculus I	(5)
MATH 21B	Calculus		MATH		Calculus II	(5)
MATH 21C	Calculus	(4)	MATH	402	Calculus III	(5)
PHYSICS 7A	General Physics	(4)	 PHYS	350 &	General Physics	(4)
			!	360	General Physics	(4)
			<u>OI</u> PHYS	<u>R</u> 370 &	Introductory Physics -	(5)
					Mechanics and	/
				200	Thermodynamics	(5)
			PHYS 	200	Introductory Physics - Electricity and	(5)
			İ		Magnetism, Light and	
PHYSICS 7B	General Physics	(4)	 PHYS	350 &	Modern Physics General Physics	(4)
		、 - /		360 <u>a</u>	General Physics	(4)
				-	Introductory Dhysics	(E)
			FUIS	370 <u>&</u>	Introductory Physics -	(5)

							Mechanics and Thermodynamics	
			İ	PHYS	380		Introductory Physics -	(5)
							Electricity and	
							Magnetism, Light and	
							Modern Physics	
PHYSICS 7C	General Physic	s (4)	PHYS	350	<u>&</u>	General Physics	(4)
				PHYS	360		General Physics	(4)
				01	R			
				PHYS	370	&	Introductory Physics -	(5)
							Mechanics and	
							Thermodynamics	
				PHYS	380		Introductory Physics -	(5)
							Electricity and	
							Magnetism, Light and	
							Modern Physics	
It is highly	recommended that	t students	con	nplete	e an	en	tire physics series at	

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

	OR		OR	
PHYSICS 9A	Classical Physics	(5) PHYS 411 	Mechanics of Solids (4 and Fluids	4)
PHYSICS 9B	Classical Physics	(5) PHYS 431 	Heat, Waves, Light and (4 Modern Physics	4)
PHYSICS 9C	Classical Physics	(5) PHYS 421 	Electricity and (4 Magnetism	4)

STRONGLY RECOMMENDED:

EVOL&EC 12	Life in the Sea	(3)	NO COURSE	ARTICULATED: College h	as not
			submitted	course(s)for articulat	ion
GEOLOGY 16	The Oceans	(3)	GEOL 330	Introduction to	(3)
				Oceanography	

END OF MAJOR

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

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

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

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

-Coastal Environmental Processes (College of Agricultural and Environmental Sciences; Environmental Science and Policy)
-Marine Ecology and Organismal Biology (College of Biological Sciences; Evolution and Ecology)
-Marine Environmental Chemistry (College of Agricultural and Environmental Sciences; Environmental Toxicology)
-Oceans and the Earth System (College of Letters and Science; Earth and Planetary Sciences)
Visit <u>http://bml.ucdavis.edu/education/marine-coastal-science-undergraduate-major/</u>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 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

BIOLSCI 2A Intro Bi Earth	ology:Life on	(5)	BIOL 	400	Princip	ples of Biology	(5)
	ology: Ecology ion	(5)	!				
& EVOLUL	1011		BIOL BIOL			ples of Botany bles of Zoology	
	ology:		BIOL	410	<u>&</u> Princip	ples of Botany	(5)
Biodiver of Life	sity & the Tree		BIOL 	420	Princip	ples of Zoology	(5)
CHEM 2A Genl Chemis	-		CHEM			L Chemistry	
CHEM 2B Genl Chemis	try	(5)				L Chemistry L Chemistry	
CHEM 2C Genl Chemis	try	(5)				L Chemistry	
MATH 16A Short Calc	ulus	(3)	MATH	350		us for the Life cial Sciences I	, ,
			OF	ર	and Soc	CIAL SCIENCES I	
			MATH			is I	(5)
MATH 16B Short Calc	ulus	(3)	MATH	351		ıs for Life and Sciences II	(3)
			OF	ર	BUCIAL	PCIENCES II	
			MATH			is II	(5)
MATH 16C Short Calc	ulus	(3)	MATH	351		ıs for Life and Sciences II	(3)
					SUCIAL	Detences II	

			MATH 401	Calculus II	(5)
MATH 17A	OR Calculus for BioSci	(4)	 MATH 350	OR Calculus for the Life and Social Sciences I	(3)
			<u>OR</u> MATH 355	Calculus for Biology and Medicine I	(4)
MATH 17B	Calculus for Biosci	(4)	MATH 356	Calculus for Biology and Medicine II	(4)
MATH 17C	Calculus for BioSci	(4)	MATH 356	Calculus for Biology and Medicine II	(4)
	OR			OR	
MATH 21A	Calculus			Calculus I	(5)
MATH 21B	Calculus		MATH 401		(5)
MATH 21C	Calculus	(4)	MATH 402	Calculus III	(5)
PHYSICS 7A	General Physics	(4)	PHYS 350 &	General Physics	(4)
			PHYS 360	General Physics	(4)
			OR		(=)
			PHYS 370 <u>&</u>	Introductory Physics - Mechanics and	(5)
			1	Thermodynamics	
			PHYS 380	Introductory Physics - Electricity and	(5)
				Magnetism, Light and Modern Physics	
PHYSICS 7B	General Physics	(4)	 PHYS 350 &	General Physics	(4)
1110100 /2		(1)	PHYS 360	General Physics	(4)
					(=)
			PHYS 370 &	Introductory Physics - Mechanics and	(5)
			1	Thermodynamics	
			PHYS 380	Introductory Physics -	(5)
				Electricity and	
				Magnetism, Light and	
				Modern Physics	
PHYSICS 7C	General Physics	(4)	PHYS 350 &	-	(4)
			PHYS 360	General Physics	(4)
			PHYS 370 &	Introductory Physics -	(5)
				Mechanics and	
			İ	Thermodynamics	
			PHYS 380	Introductory Physics -	(5)
				Electricity and	
				Magnetism, Light and	
Tt in birli		sta		Modern Physics	
TC IR UTAUT	y recommended that stude	uls CO	шртеге ап ег	icite physics series at	

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

	OR				OR	
PHYSICS 9A	Classical Physics	(5)	PHYS	411	Mechanics of Solids and Fluids	(4)
PHYSICS 9B	Classical Physics	(5)	PHYS 	431	Heat, Waves, Light and Modern Physics	(4)
PHYSICS 9C	Classical Physics	(5)	PHYS 	421	Electricity and Magnetism	(4)

STRONGLY RECOMMENDED:

EVOL&EC 12	Life in the Sea		RTICULATED: College has not ourse(s)for articulation
GEOLOGY 16	The Oceans	(3) GEOL 330 	Introduction to (3) Oceanography

END OF MAJOR

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

Special Advising Note:

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

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

END OF MAJOR

====Mathematical & Scientific Computation B.S.==== Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

Recommended Language Preparation Note:

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

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

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

MATH 21A	Calculus	(4) MATH 400 Calculus I (5
MATH 21B	Calculus	(4) MATH 401 Calculus II (5
MATH 21C	Calculus	(4) MATH 402 Calculus III (5
	OR	OR
MATH 17A	Calculus for BioSci	(4) MATH 350 Calculus for the Life (3
		and Social Sciences I
		OR
		MATH 355 Calculus for Biology
		and Medicine I (4
MATH 17B	Calculus for Biosci	
		and Medicine II (4
MATH 17C	Calculus for BioSci	(4) MATH 356 Calculus for Biology
		and Medicine II (4
MATH 21D	Vector Analysis	(4) MATH 402 Calculus III (5
MATH 22B	Differntl Equations	(3) MATH 420 Differential Equations (4
MATH 22AL	Lin Alg Comp Lab	(1) NO COURSE ARTICULATED: College has no
		submitted course(s) for articulation
	or equivalent basic	I
NOTE: Basi	c knowledge of MATLAB is	required for both MATH 67 and 22A. Students
	-	n Engineering 6, Mechanical Engineering 5 or
		22AL (may be taken concurrently).
	BOTH OF TH	E FOLLOWING COURSES:
MATH 22A	Linear Algebra	(3) MATH 410 Introduction to Linear (3
		Algebra
	AND	AND
MATH 108	Intro Abstract Math	(4) This course must be taken at UC Davis
	OR SELECT	THE FOLLOWING COURSE:
МАТН 67	Modern Linear Algebra	(4) NO COURSE ARTICULATED: College has no
		submitted course(s) for articulation

ENG CS 32A Intro to Programming(4) Formerly ENG CS 10

ENGIN 6 Engr Prob Solving END OF MAJOR (4) NO COMPARABLE COURSE

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

Education(GE) Note:

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

Recommended Language Preparation Note:

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

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

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

MATH 21A	Calculus	(4)	MATH 400	Calculus I (5)
MATH 21B	Calculus	(4)	MATH 401	Calculus II (5)
MATH 21C	Calculus	(4)	MATH 402	Calculus III (5)
MATH 21D	Vector Analysis	(4)	MATH 402	Calculus III (5)
MATH 22B	Differntl Equations	(3)	MATH 420	Differential Equations (4)
MATH 22AL	Lin Alg Comp Lab	(1)	NO COURSI	E ARTICULATED: College has not
			submitted	d course(s)for articulation

or equivalent basic knowledge of MATLAB.

NOTE: Basic knowledge of MATLAB is required for both MATH 67 and 22A. Students can learn it on their own, enroll in Engineering 6, Mechanical Engineering 5 or in the one unit course Mathematics 22AL (may be taken concurrently). _____ BOTH OF THE FOLLOWING COURSES: MATH 22A Linear Algebra (3) MATH 410 Introduction to Linear (3) Alqebra AND AND MATH 108 Intro Abstract Math (4) This course must be taken at UC Davis OR SELECT THE FOLLOWING COURSE: MATH 67 Modern Linear Algebra (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation _____ ENG CS 32A Intro to Programming(4) |CISP 370 Beginning Visual BASIC (4) Formerly ENG CS 10 OR OR ENGIN 6 Engr Prob Solving (4) NO COMPARABLE COURSE _____ ECON 1A Princ of Microecon (4) ECON 304 Principles of (3) Microeconomics ECON 1B Princ of Macroecon (4) ECON 302 Principles of (3) Macroeconomics ______ STATIST 32 Gateway to Data Science (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation _____

END OF MAJOR

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

Special Advising Note:

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

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

Special Advising Note for future applicants:*

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

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

					-
MATH 21A	Calculus	(4)	MATH 400	Calculus I (5))
MATH 21B	Calculus	(4)	MATH 401	Calculus II (5)	l
MATH 21C	Calculus	(4)	MATH 402	Calculus III (5)	1
MATH 21D	Vector Analysis	(4)	MATH 402	Calculus III (5)	1
MATH 22B	Differntl Equations	(3)	MATH 420	Differential Equations (4)	
MATH 22AL	Lin Alg Comp Lab	(1)	NO COURSE	ARTICULATED: College has not	-
			submitted	course(s)for articulation	

or equivalent basic knowledge of MATLAB.

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

	BOTH OF THE	FOLLOWING COURSES:	
MATH 22A	Linear Algebra	(3) MATH 410 Introduction to Linear	(3)
		Algebra	
	AND	AND	
MATH 108	Intro Abstract Math	(4) This course must be taken at UC Dav	ris

MATH 67 Modern Linear Algebra	<pre>(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation</pre>
ENG CS 32A Intro to Programming(4) Formerly ENG CS 10	CISP 370 Beginning Visual BASIC (4)
OR	OR
ENGIN 6 Engr Prob Solving	(4) NO COMPARABLE COURSE
Please note that the community co	ollege's computer science courses

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

12 QUARTER UNITS OF ADDITIONAL NON-MATHEMATICS COURSES CHOSEN FROM NATURAL SCIENCES

END OF MAJOR

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

Special Advising Note:

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

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

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 <u>UC Davis General</u> <u>Catalog</u> for additional information about the Foreign Language and Area Requirements, College of Letters and Science.

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

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

MATH 21A	Calculus	(4)	MATH	400	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH	401	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH	402	Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH	402	Calculus III	(5)
MATH 22B	Differntl Equations	(3)	MATH	420	Differential Equations	(4)
MATH 22AL	Lin Alg Comp Lab	(1)	NO CO	URSE	ARTICULATED: College has	s not
			submi	tted	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:
MATH 22A	Linear Algebra	(3) MATH	410 Introduction to Linear (3)
			Algebra
	AND		AND
MATH 108	Intro Abstract Math	(4) This	course must be taken at UC Davis
	OR SELECT	THE FOLLOW	ING COURSE:
MATH 67	Modern Linear Algebra	(4) NO CO	DURSE ARTICULATED: College has not

		submitted course(s) for articulation	
	A Intro to Programming(4) rly ENG CS 10	CISP 370 Beginning Visual BASIC (4	4)
	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,

deficiencies. _____ PLAN 1: GENERAL MATHEMATICS PHYSICS 9A Classical Physics (5) PHYS 411 Mechanics of Solids (4) and Fluids PLAN 2: MATHEMATICS FOR SECONDARY TEACHING PHYSICS 7A General Physics (4) PHYS 350 & General Physics (4) PHYS 360 General Physics (4) OR PHYS 370 & Introductory Physics - (5) Mechanics and Thermodynamics Introductory Physics - (5) PHYS 380 Electricity and Magnetism, Light and Modern Physics OR OR PHYSICS 9A Classical Physics (5) PHYS 411 Mechanics of Solids (4) and Fluids OR OR STATIST 13 Elementary Statistics (4) STAT 300 Introduction to (4) Same as: STATIST 13Y Probability and Statistics OR PSYC 330 Introductory (3) Statistics for Behavioral Sciences OR ECON 310 Economic Statistics (3) OR OR STATIST 32 Gateway to Data Science (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation _____

upon transfer to UC Davis, may need to make up any topic or language

END OF MAJOR

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

Special Advising Note:

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

major. Strive to achieve your highest possible GPA in order to be most competitive. Courses must be taken for a letter grade, with no grade less thanC. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents.

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

When there are more applicants than spaces available in the College of Engineering, priority is given to California community college transfers who have an overall UC transferable GPA of 3.10 or higher and who have completed all lower-division engineering major requirements available at the student's community college with a minimum GPA of 3.20 in these required courses. Contact your counselor or the UC Davis College of Engineering Undergraduate Office at(530)752-1979, or consult the 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://taq.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 20AMedieval Culture(5) NO COMPARABLE COURSEMEDV-ST 20BMedieval Culture(5) NO COMPARABLE COURSE THREE COURSES FROM THE FOLLOWING:

ARTHI 1B Mediev&Renaiss Art (4) ARTH 309 Art Survey:

(3)

Renaissance to 19th

Century

ARTHI 1C Baroque to Modern Art ARTHI 1E Islamic Art &	(4) ARTH 311 Art Survey: Modern Art (4) NO COURSE ARTICULATED: College has n	
Architecture	submitted course(s) for articulation	
COMPLIT 2 Major Books-Middle Ages		(3)
to Enlightenment	ENGLT 341 World Literature II	(3)
COMPLIT 10A Master Authors	(2) NO COURSE ARTICULATED: College has a	
	submitted course(s)for articulation	
COMPLIT 10B Master Authors	(2) NO COURSE ARTICULATED: College has a submitted course(s) for articulation	
COMPLIT 10C Master Authors	(2) NO COURSE ARTICULATED: College has n	
Committee Master Authors	submitted course(s) for articulation	
COMPLIT 10D Master Authors	(2) NO COURSE ARTICULATED: College has n	
	submitted course(s) for articulation	
COMPLIT 10E Master Authors	(2) NO COURSE ARTICULATED: College has 1	not
	submitted course(s)for articulation	
m) ENGLISH 10A Literatures in	(4) ENGLT 310 English Literature I	(3)
English I: To 1700		
GERMAN 48 Myth & Saga	(4) NO COURSE ARTICULATED: College has n	
HISTORY 4A Western Civ	submitted course(s) for articulation	n
	(4) NO COMPARABLE COURSE	(2)
HISTORY 4B Western Civ	(4) HIST 301 <u>&</u> History of Western Civilization (to 1660)	(3)
		(3)
	Civilization	())
HUMAN 1 Humanities Forum	(2) NO COURSE ARTICULATED: College has a	not
	submitted course(s) for articulation	n
HUMAN 9 Don Quixote	(2) NO COURSE ARTICULATED: College has a	not
	submitted course(s) for articulation	
PHILOS 21 Phil Classics: Ancient		(3)
PHILOS 22 Phil Classics: Modern	(4) Philosophy (4) PHIL 331 History of Modern	(3)
FILLOS 22 FILL CLASSICS. MODELII	Philosophy	(3)

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

END OF MAJOR

m) If a student takes ENGLT 311 at Cosumnes River College, credit will be given for UC Davis's ENGLISH 10B or ENGLISH 10C, but not both.

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

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

	rom our TAG website.	rts	for <u>AP</u> and <u>IB</u> are also	
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 400 Principles of Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 400 & BIOL 410 & BIOL 410 & BIOL 420Principles of Botany Principles of Zoology	(5) (5) (5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life		BIOL 410 & Principles of Botany	(5) (5)
	Genl Chemistry Genl Chemistry			(5) (5) (5)
CHEM 8A CHEM 8B	Organic Chem-Brief Organic Chem-Brief OR		NO COMPARABLE COURSE NO COMPARABLE COURSE OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)		(5) (5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 420 & Organic Chemistry	(5) (5)
CHEM 118C	Org Chem, Hlth & Sci	(4)		(5) (5) (5)
 МАТН 17А	Calculus for BioSci	(4)	MATH 350 Calculus for the Life and Social Sciences I	(3)
			OR MATH 355 Calculus for Biology and Medicine I	(4)
МАТН 17В	Calculus for Biosci OR	(4)) MATH 356 Calculus for Biology and Medicine II OR	(4)
MATH 21A MATH 21B	Calculus Calculus		MATH 400 Calculus I MATH 401 Calculus II	(5) (5)
PHYSICS 1A PHYSICS 1B	Principles Physics Principles Physics OR		NO COMPARABLE COURSE NO COMPARABLE COURSE OR	
PHYSICS 7A		(4)	PHYS 350 & General Physics PHYS 360 General Physics	(4) (4)

			0	R		
			PHYS	370	&	Introductory Physics - (5)
						Mechanics and
						Thermodynamics
			PHYS	380		Introductory Physics - (5)
						Electricity and
						Magnetism, Light and
						Modern Physics
PHYSICS 7B General	Physics	(4)	PHYS		_	General Physics (4)
			PHYS			General Physics (4)
			PHYS	-	2	Introductory Physics - (5)
				570	<u>a</u>	Mechanics and
			1			Thermodynamics
			PHYS	380		Introductory Physics - (5)
						Electricity and
			İ			Magnetism, Light and
			İ			Modern Physics
PHYSICS 7C General	Physics	(4)	PHYS	350	&	General Physics (4)
			PHYS	360		General Physics (4)
			01	R		
			PHYS	370	&	Introductory Physics - (5)
						Mechanics and
						Thermodynamics
			PHYS	380		Introductory Physics - (5)
						Electricity and
						Magnetism, Light and
						Modern Physics
						tire physics series at
						ire UC Davis Physics 7A/B/C

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

END OF MAJOR

====Microbiology B.S.====

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

BIOLSCI 2C Intro Biology: Biodiversity & the Tree of Life				
CHEM 2A Genl Chemistry CHEM 2B Genl Chemistry		CHEM 400 CHEM 400 <u>&</u> CHEM 401	General Chemistry General Chemistry General Chemistry	(5) (5) (5)
CHEM 2C Genl Chemistry	(5)		General Chemistry	
CHEM 8A Organic Chem-Brief CHEM 8B Organic Chem-Brief OR	• •	NO COMPARAB		
CHEM 118A Org Chem, Hlth & Sci	(4)	CHEM 420 <u>&</u> CHEM 421	Organic Chemistry Organic Chemistry	(5) (5)
CHEM 118B Org Chem, Hlth & Sci	(4)	CHEM 420 <u>&</u> CHEM 421	Organic Chemistry Organic Chemistry	(5)
CHEM 118C Org Chem, Hlth & Sci		CHEM 420 <u>&</u> CHEM 421		(5) (5) (5)
MATH 17A Calculus for BioSci	(4)			(3)
			Calculus for Biology	
			and Medicine I	(4)
MATH 17B Calculus for Biosci		MATH 356	Calculus for Biology and Medicine II	(4)
MATH 17C Calculus for BioSci	(4)	MATH 356	Calculus for Biology and Medicine II	(4)
OR			OR	
MATH 21A Calculus MATH 21B Calculus	(4) (4)	MATH 400 MATH 401		(5) (5)
PHYSICS 7A General Physics	(4)	PHYS 360	General Physics General Physics	(4) (4)
		<u>OR</u> PHYS 370 <u>&</u> 	Introductory Physics - Mechanics and	(5)
		 PHYS 380 	Thermodynamics Introductory Physics - Electricity and Magnetism, Light and	(5)
PHYSICS 7B General Physics	(4)	 PHYS 350 &	Modern Physics General Physics	(4)
-	. ,	PHYS 360 OR	General Physics	(4)
		PHYS 370 &	Introductory Physics - Mechanics and Thermodynamics	(5)
		PHYS 380 	Introductory Physics - Electricity and Magnetism, Light and	(5)
PHYSICS 7C General Physics	(4)	PHYS 350 & PHYS 360	Modern Physics General Physics General Physics	(4) (4)
		<u>OR</u> PHYS 370 <u>&</u> 	Introductory Physics - Mechanics and	(5)
		PHYS 380 	Thermodynamics Introductory Physics - Electricity and Magnetism, Light and Modern Physics	(5)

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

MIC BIO 91 Intro Research (1) NO COURSE ARTICULATED

RECOMMENDED:

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

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG 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

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

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

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

General Catalog . Quick reference cha available from our TAG website.	arts :	for \underline{AP} and \underline{IB} are also
HISTORY 6 Intro to Middle East	(4)	HIST 380 History of the Middle (3) East
HISTORY 8 Indian Civilization	(4)	1
TWO YEARS (OR THE EQUIVALENT)	OF 1	
ARABIC 1 Elementary Arabic		NO COURSE ARTICULATED: College has not
	(-)	submitted course(s) for articulation
ARABIC 2 Elem Arabic	(5)	NO COURSE ARTICULATED: College has not
		submitted course(s) for articulation
ARABIC 3 Elem Arabic	(5)	NO COURSE ARTICULATED: College has not
ADADIC 01 Intermed Auchin	(1)	submitted course(s) for articulation
ARABIC 21 Intermed Arabic	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ARABIC 22 Intermed Arabic	(4)	NO COURSE ARTICULATED: College has not
	(1)	submitted course(s) for articulation
ARABIC 23 Intermed Arabic	(4)	NO COURSE ARTICULATED: College has not
		submitted course(s) for articulation
OR		OR
HEBREW 1 Elem Hebrew		NO COMPARABLE COURSE
HEBREW 2 Elem Hebrew HEBREW 3 Elem Hebrew		NO COMPARABLE COURSE
HEBREW 3 Elem Hebrew HEBREW 21 Intermed Modern Hebrew I		NO COMPARABLE COURSE NO COURSE ARTICULATED: College has not
HEBREW 21 INCEIMEd Modern Hebrew 1	(4)	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	I (4)	1
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
HIN-URD 3 Elem Hindi/Urdu III	(E)	<pre>submitted course(s) for articulation NO COURSE ARTICULATED: College has not</pre>
HIN-ORD 5 ETEM HINAT/OFAU III	(5)	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		NO COURSE ARTICULATED: College has not
		submitted course(s) for articulation
OTHER MIDDLE EAST/SOUTH ASIA STUDIES	REGI	ONAL LANGUAGES ACCEPTED WITH PETITION.
		ELECTIVES:
		NO COURSE ARTICULATED: College has not
Architecture		submitted course(s) for articulation
CLASSIC 1 N East/Early Gr	(4)	NO COMPARABLE COURSE
COMPLIT 53B Lit of South Asia	(4)	NO COMPARABLE COURSE
COMPLIT 53C Lit of the Islamic	(4)	NO COURSE ARTICULATED: College has not
World		submitted course(s) for articulation
REL STD 21 The Bible REL STD 23 Intro Judaism	(4)	NO COMPARABLE COURSE
REL STD 60 Introduction to Talam	(4) (4)	NO COMPARABLE COURSE HUM 324 Global Islam: Culture (3)
		and Civilization
	(4)	NO COURSE ARTICULATED: College has not
Interpretation		submitted course(s) for articulation
REL STD 68 Hinduism	(4)	NO COURSE ARTICULATED: College has not
On additional lower division second	in -	submitted course(s) for articulation
		Middle Eastern or South Asian language
END OF MAJOR		

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

Special Advising Note:

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

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

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

MUSIC 2A Keyboard Competence

MUSIC 2B	Keyboard Competence	(2)	MUIVI MUIVI MUIVI MUIVI MUIVI	351 340 341	8 8	Intermediate Piano Piano IV Beginning Piano Piano II Intermediate Piano	(2) (2) (2) (2) (2)
MUSIC 2C	Keyboard Competence	(2)	MUIVI MUIVI MUIVI MUIVI MUIVI	351 340 341 350	& &	Piano IV Beginning Piano Piano II Intermediate Piano Piano IV	(2) (2) (2) (2) (2)
			<u>01</u> MUFHL 	_		Music Theory and Musicianship III	(4)

STUDENTS MAY PASS OUT OF ONE OR MORE QUARTERS OF MUSIC 2A-C THROUGH EXAMINATION

MUSIC 6A	Elementary Theory	(3) MUFHL 410 Music Theory and (4) Musicianship III
MUSIC 6B	Elementary Theory	(3) MUFHL 410 Music Theory and (4)
		Musicianship III
MUSIC 6C	Elementary Theory	(3) MUFHL 410 Music Theory and (4)
		Musicianship III
MUSIC 7A	Intermediate Theory	(3) MUFHL 411 Music Theory and (4)
	-	Musicianship IV
MUSIC 7B	Intermediate Theory	(3) MUFHL 411 Music Theory and (4)
		Musicianship IV
MUSIC 7C	Intermediate Theory	(3) NO COURSE ARTICULATED: College has not
		submitted course(s) for articulation
MUSIC 16A	Elem Musicianship	(2) NO COURSE ARTICULATED: College has not
		submitted course(s) for articulation
MUSIC 16B	Elem Musicianship	(2) NO COURSE ARTICULATED: College has not
	1	submitted course(s) for articulation
MUSIC 16C	Elem Musicianship	(2) MUFHL 410 Music Theory and (4)
		Musicianship III

STUDENTS MAY PASS OUT OF ONE OR MORE QUARTERS OF MUSIC 16A-C THROUGH EXAMINATION

MUSIC 17A	Intermediate	(2)	MUFHL 411	Music Theory and (4)
	Musicianship			Musicianship IV
MUSIC 17B	Intermediate	(2)	MUFHL 411	Music Theory and (4)
	Musicianship			Musicianship IV
MUSIC 17C	Intermediate	(2)	NO COURSE	ARTICULATED: College has not
	Musicianship		submitted	course(s) for articulation

STUDENTS MAY PASS OUT OF ONE OR MORE QUARTERS OF MUSIC 17A-C THROUGH EXAMINATION

MUSIC 24A	Intro Music History	(3) MUFHL 310 	Survey of Music History and Literature (Greek Antiquity to 1750)	(3)
MUSIC 24B	Intro Music History	(3) MUFHL 310	Survey of Music History and Literature (Greek Antiquity to 1750)	(3)
MUSIC 24C	Intro Music History	(3) MUFHL 310	Survey of Music History and Literature (Greek Antiquity to 1750)	(3)

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

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

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

n a std 1	Intro NA Studies	(4)		ARTICULATED: College has not course(s) for articulation
N A STD 10	NA Experience	(4)		ARTICULATED: College has not course(s) for articulation
n a std 12	OR Native Amer/Indigenous Film	(4)	NO COURSE	OR ARTICULATED: College has not course(s)for articulation

ONE OR TWO COURSES FROM:

N A STD 5	Intro NA Literature	(4)	NO COURSE	ARTICULATED: College has not
			submitted	course(s) for articulation
n a std 12	Native Amer/Indigenous	(4)	NO COURSE	ARTICULATED: College has not
	Film		submitted	course(s)for articulation
n a std 32	NA Music & Dance	(4)	NO COURSE	ARTICULATED: College has not
			submitted	course(s) for articulation
n a std 33	Intro NA Art	(4)	NO COURSE	ARTICULATED: College has not
			submitted	course(s) for articulation
n a std 34	NA Art Workshop	(4)	NO COURSE	ARTICULATED: College has not
			submitted	course(s) for articulation

ONE OR TWO COURSES FROM:

AF-AMST 12 AF-AMST 52	Intro Afro Studies Afr Tradit Relig		POLS 317 Global Studies: Africa (3) NO COURSE ARTICULATED: College has not
ANTHRO 2 C	Cultural Anthropology	(5)	<pre> submitted course(s) for articulation ANTH 310 Cultural Anthropology (3) OR</pre>
			ANTH 313 Introduction to (3) Cultural Anthropology: Medical Focus
ANTHRO 20	Comparative Cultures	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ANTHRO 24	Ancient Crops and People		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
A A STD 1	Hist Exp Asian Am	• •	NO COMPARABLE COURSE
a a std 2	Contemp Issues of Asian	(4)	SOCSC 325 Asian Experience in (3)
	Americans		America
			Same as: ETHNS 330
a a std 4	Asian Amer Cultural	(4)	NO COURSE ARTICULATED: College has not
	Studies		submitted course(s) for articulation
CHICANO 10	Intro to Chic Std	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
CHICANO 21	Hlth Care Issues	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
CHICANO 23	Qualitative Research	(4)	NO COURSE ARTICULATED: College has not
	Methods		submitted course(s) for articulation
COMPLIT 25	Ethnic Writers	• •	NO COMPARABLE COURSE
CM&RGDE 2	Ethnicity Amer Comm	(4)	SOCSC 300 Introduction to (3) Ethnic Studies Same as: ETHNS 300
ENV S&P 10	Current Issues in	(2)	GEOG 302 Environmental Studies (3)
ENV S&P IU	Environment	(3)	& Sustainability
	EIIVIIOIMMEIIC		OR
			BIOL 350 Environmental Biology (3)
ENV S&P 1	0 not open for credit to	stud	ents who have completed ENV S&P 1
HISTORY 7A	Latin America to 1700		NO COURSE ARTICULATED: College has not
IIIDIORI /A	Hattin America to 1700	(1)	submitted course(s) for articulation
HISTORY 7B	Latin America 1700-1900	(4)	NO COURSE ARTICULATED: College has not
IIISIORI /B	Lacin America 1700 1900	(=)	submitted course(s) for articulation
HISTORY 7C	Latin America	(4)	NO COURSE ARTICULATED: College has not
mibioki /c	1900-Present	(1)	submitted course(s) for articulation
HISTORY 17A	U.S. History	(4)	HIST 312 History of the United (3)
TTOTORI T/A	5.5. midtory	(1)	States (to 1865)
LINGUIS 1 END OF MAJOF	Intro Linguistics R	(4)	NO COMPARABLE COURSE

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL	400	Principles of Biology	(5)
BIOLSCI 2B		(5)	BIOL BIOL BIOL	410		(5) (5) (5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life		BIOL	410	& Principles of Botany	(5)
	-		CHEM	400	_	(5) (5) (5)
CHEM 2C G	enl Chemistry	(5)	CHEM	401	General Chemistry	(5)
					ABLE COURSE ABLE COURSE OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)				(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM CHEM CHEM	420	& Organic Chemistry	(5) (5) (5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM CHEM	420	& Organic Chemistry	(5) (5) (5)
 MATH 17A	Calculus for BioSci	(4)	MATH 		Calculus for the Life and Social Sciences I	(3)
			<u>0</u> MATH	<u>)</u> 255	Calculus for Biology	
MATH 17B	Calculus for Biosci	(Λ)	MAIH		and Medicine I Calculus for Biology	(4)
MAIN 1/D	Carculus for Diosci	(=)	main	000	and Medicine II	(4)
MATH 17C	Calculus for BioSci	(4)	MATH	356	Calculus for Biology and Medicine II	(4)
	OR				OR	
MATH 21A	Calculus	(4)	MATH	400	Calculus I	(5)

MATH 21B	Calculus	(4)	MATH 40	01	Calculus II ()	5)
PHYSICS 7A	General Physics	(4)	PHYS 35 PHYS 36 OR			 4) 4)
			<u>OK</u> PHYS 37 	70 <u>&</u>	Introductory Physics - () Mechanics and Thermodynamics	5)
			PHYS 38 	30	Introductory Physics - () Electricity and Magnetism, Light and Modern Physics	5)
PHYSICS 7B	General Physics	(4)	PHYS 35 PHYS 36 OR		General Physics (+	4) 4)
			PHYS 37	70 <u>&</u>	Introductory Physics - () Mechanics and Thermodynamics	5)
			PHYS 38 	30	Introductory Physics - () Electricity and Magnetism, Light and Modern Physics	5)
PHYSICS 7C	General Physics	(4)	PHYS 35 PHYS 36 OR		General Physics (4) 4)
			PHYS 37	70 <u>&</u>	Introductory Physics - () Mechanics and	5)
			 PHYS 38 	30	Thermodynamics Introductory Physics - () Electricity and Magnetism, Light and Modern Physics	5)
their commu series befo series may		valen who ional	t to the transfer physics	e ent r wit s cou	tire physics series at ire UC Davis Physics 7A/B hout completing an entire rses upon arrival at UC	

END OF MAJOR

====Nutrition Science B.S.====

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5) BIOL 400 	Principles of Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	· · · · · · · · · · · · · · · · · · ·	Principles of Biology Principles of Botany	(5) (5)

BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life		BIOL 410 <u>&</u>	Principles of Zoology Principles of Botany Principles of Zoology	(5) (5) (5)
CHEM 2A CHEM 2B		(5)	СНЕМ 400 <u>&</u>		(5) (5) (5)
CHEM 2C	Genl Chemistry			General Chemistry	
CHEM 8A CHEM 8B	Organic Chem-Brief Organic Chem-Brief OR		NO COMPARABI		
CHEM 118A	Org Chem, Hlth & Sci	(4)		Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 421 CHEM 420 <u>&</u> CHEM 421	Organic Chemistry Organic Chemistry Organic Chemistry	(5) (5) (5)
CUEM 120A	OR Organic Chemistry	(2)		OR Organia Chamistry	(5)
CHEM 128A CHEM 128B	Organic Chemistry		CHEM 420 <u>&</u> CHEM 421 CHEM 420 <u>&</u>	Organic Chemistry Organic Chemistry Organic Chemistry	(5) (5) (5)
CITEM 1003	Owgenia Chem Lab		CHEM 421	Organic Chemistry	(5) (5)
CHEM 129A	Organic Chem Lab		CHEM 420 <u>&</u> CHEM 421		(5) (5)
NUTR 10	Discoveries and Concepts	(3)	NUTRI 300	Nutrition	(3)
PSYCH 41		(4)		Research Methods in Psychology	(3)
SOCIOL 46A	OR Intro Social Rsch	(4)	 NO COMPARABI	OR LE COURSE	
The	remaining preparatory subj major option yo			sed on which	
			LOGY OPTION:		
ANTHRO 2	Cultural Anthropology	(5)	ANTH 310 OR	Cultural Anthropology	(3)
	OR		ANTH 313	Introduction to Cultural Anthropology: Medical Focus OR	(3)
PSYCH 1	General Psychology OR	(4)	PSYC 300	General Principles OR	(3)
SOCIOL 1		(5)	 SOC 300 :	Introductory Sociology OR	(3)
SOCIOL 3	-	(4)	SOC 301	Social Problems	(3)
MATH 16A	Short Calculus	(3)		Calculus for the Life and Social Sciences I	(3)
MATH 16B	Short Calculus	(3)	OR MATH 400 MATH 351 OR 01	Calculus I Calculus for Life and Social Sciences II	(5) (3)
					(5)
DIIVATAA 17	Principles Physics	(2)			

NUTRITION IN PUBLIC HEALTH OPTION:

ANTHRO 2	Cultural Anthropology	(5) ANTH 310	Cultural Anthropology	(3)

			OR ANTH 313 Introduction to (3) Cultural Anthropology: Medical Focus	
SOCIOL 1	OR Intro Sociology OR	(5)	OR SOC 300 Introductory Sociology (3) OR	
SOCIOL 3	Social Problems	(4)	SOC 301 Social Problems (3)	
ECON 1A	Princ of Microecon	(4)	ECON 304 Principles of (3) Microeconomics	
ECON 1B	Princ of Macroecon	(4)	ECON 302 Principles of (3) Macroeconomics	
PSYCH 1	General Psychology	(4)	PSYC 300 General Principles (3)	
LOWER-DIVISION ELECTIVES BY AREA FOR THE NUTRITION IN PUBLIC HEALTH OPTION: Agricultural and Health Policy Area: AGRESEC 15 Pop,Envr,World Agri (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation				
AMR STD 5 Same as	Diversity and Community Char Food in Amer Culture S: FD S&T 55 Ethnicity Amer Comm	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation SOCSC 300 Introduction to (3) Ethnic Studies Same as: ETHNS 300	
INT AG 10	Intro Intl Ag Development	(4)	NO COMPARABLE COURSE	
Natural a	nd Applied Sciences Area:			
CM&RGDE 20) Food Systems	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
PHILOS 15	Intro to Bioethics	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
SCI&SOC 2 END OF MA	Feeding the Planet JOR	(3)	NO COMPARABLE COURSE	

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

Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. See the 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 $\frac{\text{General Catalog}}{\text{AP}}$. Quick reference charts for $\frac{\text{AP}}{\text{AP}}$ and $\frac{\text{IB}}{\text{IB}}$ are also available from our TAG website.

CHEM 2A	Genl Chemistry	(5) CHEM 400	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5) CHEM 400 <u>&</u>	General Chemistry	(5)
		CHEM 401	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5) CHEM 401	General Chemistry	(5)

CHEM 2AH CHEM 2BH CHEM 2CH	OR Honors Genl Chemistry Honors Genl Chemistry Honors Genl Chemistry	(5)	ORNOCOMPARABLENOCOMPARABLECOURSENOCOMPARABLECOURSE	
PHYSICS 7A	General Physics	(4)	PHYS 350 & General Physics(4)PHYS 360General Physics(4)OR	
			PHYS 370 & Introductory Physics - (5) Mechanics and Thermodynamics	
			PHYS 380 Introductory Physics - (5) Electricity and Magnetism, Light and Modern Physics	
PHYSICS 7B	General Physics	(4)	PHYS 350 & General Physics (4)	
	-		PHYS 360 General Physics (4)	
			OR	
			PHYS 370 & Introductory Physics - (5)	
			Mechanics and	
			Thermodynamics	
			PHYS 380 Introductory Physics - (5) Electricity and	
			Magnetism, Light and	
			Modern Physics	
PHYSICS 7C	General Physics	(4)	PHYS 350 & General Physics (4)	
	-		PHYS 360 General Physics (4)	
			OR	
			PHYS 370 & Introductory Physics - (5)	
			Mechanics and	
			Thermodynamics	
			PHYS 380 Introductory Physics - (5)	
			Electricity and	
			Magnetism, Light and Modern Physics	
It is highl	v recommended that studen		_	
It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics $7A/B/C$				

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

	OR			OR	
PHYSICS 9A	Classical Physics	(5)	PHYS 411	Mechanics of Solids and Fluids	(4)
PHYSICS 9B	Classical Physics	(5)	PHYS 431	Heat, Waves, Light and Modern Physics	(4)
PHYSICS 9C	Classical Physics	(5)	PHYS 421 	Electricity and Magnetism	(4)
MATH 16A	Short Calculus	(3)	MATH 350 OR	Calculus for the Life and Social Sciences I	(3)
			MATH 400	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 351	Calculus for Life and	(3)
				Social Sciences II	
			OR		
			MATH 401	Calculus II	(5)
MATH 16C	Short Calculus	(3)	MATH 351	Calculus for Life and	(3)
				Social Sciences II	
					(
	OR		MATH 401	Calculus II OR	(5)
א דידי 1 א	Calculus for BioSci	(1)		Calculus for the Life	(2)
MATH 17A	Calculus for Blosci	(4)	MAIN 350	Calculus for the Life	(3)

				and Social Sciences I	
			<u>О</u> МАТН 355	Calculus for Biology	
				and Medicine I	(4)
MATH 17B	Calculus for Biosci	(4)	MATH 356	Calculus for Biology	(1)
				and Medicine II	(4)
MATH 17C	Calculus for BioSci	(4)	MATH 356	Calculus for Biology and Medicine II	(4)
	OR			OR	
	Calculus			Calculus I	(5)
MATH 21B MATH 21C			MATH 401 MATH 402	Calculus II	(5) (5)
MAIH 21C	Calculus	(4) 	MAIH 402	Calculus III	(5)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 400	Principles of Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology	(5)			
	& Evolution		BIOL 410 <u>&</u> BIOL 420	Principles of Botany Principles of Zoology	
	OR			OR	(5)
BIOLSCI 2C	31				
	Biodiversity & the Tree of Life		BIOL 420	Principles of Zoology	(5)
STATIST 13	1	(4)	STAT 300		(4)
Same as:	STATIST 13Y		1	Probability and Statistics	
			OR	5000150105	
			PSYC 330	Introductory	(3)
			1	Statistics for Behavioral Sciences	
			OR	benaviorar berenees	
			ECON 310	Economic Statistics	(3)
CTATION 22	OR Catoway to Data Saionao	(1)	NO COUDCE	OR	not
SIAIISI 32	Gateway to Data Science	(4)		course(s) for articulati	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 420 <u>&</u>	Organic Chemistry	(5)
			CHEM 421	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 420 & CHEM 421		(5) (5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 421		(5)
			CHEM 421	Organic Chemistry	(5)
CUITIN 1003	OR Orange in Chaminter	(2)		OR Oursenia Chemistere	(
CHEM 128A	Organic Chemistry	(3)	CHEM 420 &	Organic Chemistry Organic Chemistry	(5) (5)
CHEM 128B	Organic Chemistry	(3)	CHEM 420 <u>&</u>		(5)
			CHEM 421	Organic Chemistry	(5)
CHEM 128C	Organic Chemistry	(3)	CHEM 420 & CHEM 421		(5) (5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 421		(5)
	-		CHEM 421	Organic Chemistry	(5)
CHEM 129B	Organic Chem Lab	(2)	CHEM 420 &		(5)
CHEM 129C	Organic Chem Lab	() \	CHEM 421 CHEM 420 &	Organic Chemistry Organic Chemistry	(5) (5)
	organice Chem Lab	(乙)	CHEM 420 <u>&</u>		(5) (5)

END OF MAJOR

====Philosophy A.B.====

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

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College Foreign Language Requirement Note:

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

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

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	GEN	ERAL EMPHASIS:		
PHILOS 12	Intro to Symbol Logic	(4) PHIL 325	Symbolic Logic	(3)

AND ONE COURSE FROM ANY THREE OF THE FOLLOWING AREAS

a. GENERAL PHILOSOPHY

PHILOS 1	Intro to Philos	(4) PHIL 300	Introduction to Philosophy	(3)
		DR PHIL 338	Contemporary Philosophy	(3)

OR

PHIL 350 Philosophy of Religion (3)

b. ANCIENT PHILOSOPHY

PHILOS 21	Phil Classics: Ancient	(4) PHIL 330	History of Classical	(3)
			Philosophy	

c. EARLY MODERN PHILOSOPHY

PHILOS 22	Phil Classics: Modern	(4) PHIL 331	History of Modern	(3)
			Philosophy	

d. PHILOSOPHY OF MIND

PHILOS 13G Minds, Brains Comp (4) NO COURSE ARTICULATED:College has not w/Disc submitted course(s)for articulation

e. ETHICS:

d) PHILOS 14	Eth Soc Prob in Soc	(4)	PHIL 310	Introduction to Ethics (3)
	OR			OR
PHILOS 15	Intro to Bioethics	(4)	NO COURSE	ARTICULATED: College has not
			submitted	course(s) for articulation
	OR			OR
PHILOS 24	Intro to Ethics	(4)	PHIL 310	Introduction to Ethics (3)
			OR	
			PHIL 360	Social/Political (3)
			ĺ	Philosophy

f. PHILOSOPHY OF SCIENCE

PHILOS 30	Intro Philos of Sci	(4)	NO COURSE ARTICULATED: College has not	
			submitted course(s) for articulation	
	OR		OR	
PHILOS 31	Scientific Reason	(4)	NO COMPARABLE COURSE	
	OR		OR	
PHILOS 32	Scientific Change	(4)	NO COMPARABLE COURSE	
	OR		OR	
PHILOS 38	Intro Philos of Biol	(4)	NO COURSE ARTICULATED: College has not	
			submitted course(s) for articulation	
g. PHILOSOPHY OF LANGUAGE				

PHILOS 17	Language, Thought & World		ARTICULATED: College has not course(s) for articulation
	WOLIG	PRE-LAW EMPHASIS	course(s) for articulation
		FRE-LAW EMPHASIS	

ONE COURSE FROM THE FOLLOWING:

d) PHILOS 14 PHILOS 15	Eth Soc Prob in Soc Intro to Bioethics		NO COURSE	Introduction to Ethics ARTICULATED: College has course(s) for articulation	not
PHILOS 16	Phil Foundations of Amer Democ	(4)	NO COURSE	ARTICULATED: College has course(s)for articulation	not
ALL OF THE FOLLOWING COURSES:					
PHILOS 5	Critical Reasoning	(4)	PHIL 320 	Logic and Critical Reasoning	(3)
PHILOS 12 PHILOS 24	Intro to Symbol Logic Intro to Ethics	• •	PHIL 325 PHIL 310	Symbolic Logic Introduction to Ethics	(3) (3)

	OR		
PHI	L	360)

(3)

PRE-MED EMPHASIS: ONE COURSE FROM THE FOLLOWING:

PHILOS 24	Intro to Ethics	(4)	PHIL 310 OR	Introduction to Eth	ics (3)
			PHIL 360	Social/Political Philosophy	(3)
PHILOS 30	Intro Philos of Sci	(4)	1	ARTICULATED: College : course(s) for articul	
PHILOS 31	Scientific Reason	(4)	NO COMPAR	ABLE COURSE	
PHILOS 32	Scientific Change	(4)	NO COMPARA	ABLE COURSE	
	ALL OF THE	FOLLO	WING COURS	 ES :	
PHILOS 12	ALL OF THE Intro to Symbol Logic			ES: Symbolic Logic	(3)
PHILOS 12 PHILOS 15		(4)	PHIL 325		(-)
	Intro to Symbol Logic	(4)	PHIL 325	Symbolic Logic	has not
	Intro to Symbol Logic	(4) (4)	PHIL 325 NO COURSE submitted	Symbolic Logic ARTICULATED: College	has not ation
PHILOS 15	Intro to Symbol Logic Intro to Bioethics	(4) (4)	PHIL 325 NO COURSE submitted NO COURSE	Symbolic Logic ARTICULATED: College course(s) for articul	has not ation has not

END OF MAJOR

d) Students who complete PHIL 310 at Cosumnes River College will receive credit at UC Davis for PHILOS 14 or 24, not both

====Physics A.B.====

Special Advising Note:

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

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:

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PHYSICS 9AClassical Physics(5)PHYS 411Mechanics of Solids(4)PHYSICS 9BClassical Physics(5)PHYS 431Heat, Waves, Light and (4)PHYSICS 9CClassical Physics(5)PHYS 421Electricity and (4)PHYSICS 9DModern Physics(5)PHYS 421Electricity and (4)PHYSICS 9DModern Physics(4)NO COMPARABLE COURSEORORPHYSICS 9HAHonors Physics(5)NO COURSE ARTICULATED: College has not submitted course(s) for articulationPHYSICS 9HBHonors Physics(5)NO COURSE ARTICULATED: College has not submitted course(s) for articulationPHYSICS 9HCHonors Physics(5)NO COURSE ARTICULATED: College has not submitted course(s) for articulationPHYSICS 9HDHonors Physics(5)NO COURSE ARTICULATED: College has not submitted course(s) for articulationPHYSICS 9HDHonors Physics(5)NO COURSE ARTICULATED: College has not submitted course(s) for articulation					
PHYSICS 9BClassical Physics(5)PHYS 431Heat, Waves, Light and (4) Modern PhysicsPHYSICS 9CClassical Physics(5)PHYS 421Electricity and (4) MagnetismPHYSICS 9DModern Physics(4)NO COMPARABLE COURSE ORORORORPHYSICS 9HAHonors Physics(5)NO COURSE ARTICULATED: College has not submitted course(s) for articulationPHYSICS 9HBHonors Physics(5)NO COURSE ARTICULATED: College has not submitted course(s) for articulationPHYSICS 9HCHonors Physics(5)NO COURSE ARTICULATED: College has not submitted course(s) for articulationPHYSICS 9HDHonors Physics(5)NO COURSE ARTICULATED: College has not submitted course(s) for articulation	PHYSICS	9A	Classical Physics	(5)	
PHYSICS 9CClassical Physics(5)PHYS 421Electricity and (4) MagnetismPHYSICS 9DModern Physics(4)NO COMPARABLE COURSEORORPHYSICS 9HAHonors Physics(5)NO COURSE ARTICULATED: College has not submitted course(s) for articulationPHYSICS 9HBHonors Physics(5)NO COURSE ARTICULATED: College has not submitted course(s) for articulationPHYSICS 9HCHonors Physics(5)NO COURSE ARTICULATED: College has not submitted course(s) for articulationPHYSICS 9HCHonors Physics(5)NO COURSE ARTICULATED: College has not submitted course(s) for articulationPHYSICS 9HDHonors Physics(5)NO COURSE ARTICULATED: College has not submitted course(s) for articulation					
PHYSICS 9C Classical Physics (5) PHYS 421 Electricity and (4) Magnetism Magnetism PHYSICS 9D Modern Physics (4) OR OR PHYSICS 9HA Honors Physics (5) NO COURSE ARTICULATED: College has not submitted course(s) for articulation PHYSICS 9HB Honors Physics (5) PHYSICS 9HC Honors Physics (5) PHYSICS 9HD Honors Physics (5) NO COURSE ARTICULATED: College has not submitted course(s) for articulation PHYSICS 9HC Honors Physics (5) NO COURSE ARTICULATED: College has not submitted course(s) for articulation PHYSICS 9HD Honors Physics (5) NO COURSE ARTICULATED: College has not submitted course(s) for articulation PHYSICS 9HD Honors Physics (5)	PHYSICS	9B	Classical Physics	(5)	PHYS 431 Heat, Waves, Light and (4)
Magnetism PHYSICS 9D Modern Physics (4) NO COMPARABLE COURSE OR OR OR PHYSICS 9HA Honors Physics (5) NO COURSE ARTICULATED: College has not submitted course(s) for articulation PHYSICS 9HB Honors Physics (5) NO COURSE ARTICULATED: College has not submitted course(s) for articulation PHYSICS 9HC Honors Physics (5) NO COURSE ARTICULATED: College has not submitted course(s) for articulation PHYSICS 9HD Honors Physics (5) NO COURSE ARTICULATED: College has not submitted course(s) for articulation					Modern Physics
Magnetism PHYSICS 9D Modern Physics (4) NO COMPARABLE COURSE OR OR OR PHYSICS 9HA Honors Physics (5) NO COURSE ARTICULATED: College has not submitted course(s) for articulation PHYSICS 9HB Honors Physics (5) NO COURSE ARTICULATED: College has not submitted course(s) for articulation PHYSICS 9HC Honors Physics (5) NO COURSE ARTICULATED: College has not submitted course(s) for articulation PHYSICS 9HD Honors Physics (5) NO COURSE ARTICULATED: College has not submitted course(s) for articulation	PHYSICS	9C	Classical Physics	(5)	PHYS 421 Electricity and (4)
PHYSICS 9D Modern Physics (4) NO COMPARABLE COURSE OR OR OR PHYSICS 9HA Honors Physics (5) NO COURSE ARTICULATED: College has not submitted course(s) for articulation PHYSICS 9HB Honors Physics (5) NO COURSE ARTICULATED: College has not submitted course(s) for articulation PHYSICS 9HC Honors Physics (5) NO COURSE ARTICULATED: College has not submitted course(s) for articulation PHYSICS 9HD Honors Physics (5) NO COURSE ARTICULATED: College has not submitted course(s) for articulation				(-)	
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submitted course(s) for articulation			-		submitted course(s) for articulation

MATH 21A	Calculus	(4) MATH 400 Calculus	I (5)
MATH 21B	Calculus	(4) MATH 401 Calculus	II (5)
MATH 21C	Calculus	(4) MATH 402 Calculus	III (5)
MATH 21D	Vector Analysis	(4) MATH 402 Calculus	III (5)
MATH 22A	Linear Algebra	(3) MATH 410 Introduc	tion to Linear (3)
		Algebra	
MATH 22B	Differntl Equations	(3) MATH 420 Differen	tial Equations (4)
PHYSICS 80	Experimental Techniques	(4) NO COURSE ARTICULATE	D

END OF MAJOR

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

Special Advising Note:

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

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

Special Advising Note for future applicants:*

Beginning fall 2020, the major physics will become selective and will require preparatory coursework for admission. Any required courses that are offered at your current campus will need to be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses will not be offered at your college, you must complete them after enrolling at UC Davis.

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 <u>http://tag.ucdavis.edu</u> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

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.

PHYSICS 9A	Classical Physics	(5)	PHYS 411 Mechanics of Solids (4) and Fluids
PHYSICS 9B	Classical Physics	(5)	
			Modern Physics
PHYSICS 9C	Classical Physics	(5)	PHYS 421 Electricity and (4)
			Magnetism
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
			submitted course(s) for articulation
PHYSICS 9HD	Honors Physics	(5)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
PHYSICS 9HE	Honors Physics	(5)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
MATH 21A	Calculus		MATH 400 Calculus I (5)
MATH 21B	Calculus	(4)	MATH 401 Calculus II (5)
MATH 21C	Calculus	(4)	MATH 402 Calculus III (5)
MATH 21D	Vector Analysis	(4)	MATH 402 Calculus III (5)
MATH 22A	Linear Algebra	(3)	MATH 410 Introduction to Linear (3)
			Algebra
MATH 22B	Differntl Equations	(3)	MATH 420 Differential Equations (4)
PHYSICS 40	Intr Physics Computation	(4)	NO COURSE ARTICULATED
	Or equivalen	t pr	ogramming course

PHYSICS 80 Experimental Techniques (4) |NO COURSE ARTICULATED

ASTROPHYSICS EMPHASIS

Preparatory subject matter for the B.S. Astrophyics Emphasis is the same as that listed above. In addition, the following course is RECOMMENDED but not required: ASTRON 25 Intro to Modern Astronomy & Astrophy

END OF MAJOR

====Plant Biology A.B.====

Special Advising Note:

The following majors in the College of the Biological Sciences--biochemistry and molecular biology; biological sciences; cell biology; evolution, ecology, and biodiversity; genetics and genomics; marine and coastal science (marine ecology & organismal biology); microbiology; neurobiology, physiology, and behavior; and plant biology--are selective and require preparatory coursework for admission. Any required courses that are offered at your current campus must be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses are not offered at your college, you must complete them after enrolling at UC Davis.

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.50 for each of the three course groups. It is recommended that candidates have already achieved the minimum required GPAs for the courses in the groups below that have been completed by the time of application and maintain them through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

Mathematics 17A/B/C <u>or</u> 21A/B Chemistry 2A/B/C Biological Sciences 2A/B/C

It is also <u>strongly recommended</u> that transfer students complete courses comparable to the following UC Davis courses. Completion of these courses will help you move more efficiently toward graduation. Courses should be taken for a letter grade, with no grade less than C:

Organic Chemistry series cited on ASSIST for your major* Physics 7A/B/C or the physics series cited on ASSIST for your intended College of Biological Sciences major (especially useful for Neurobiology, Physiology and Behavior majors).

* Students planning for the major biochemistry and molecular biology should complete Organic Chemistry 118A/B/C rather than 8A/B. Students planning for the major marine and coastal science (marine ecology & organismal biology) should complete Organic Chemistry 8A/B; however, students may substitute Chemistry 118A/B/C.

Transfer students must also meet UC transfer admission requirements. UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. See the <u>UC Transfer</u> <u>Admission webpage</u>. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Special Note for Transfer Students Considering an A.B. Degree in this Major:

Applicants to majors in the College of Biological Sciences apply to the major, without reference to A.B. or B.S. degrees, which are chosen after enrollment at UC Davis. All majors currently offered in the College of Biological Sciences are selective for purposes of admission; therefore, <u>in order to be considered</u> 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 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL	400		Principles of Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL BIOL BIOL	410		Principles of Biology Principles of Botany Principles of Zoology	(5) (5) (5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL BIOL 		<u>&</u>	Principles of Botany Principles of Zoology	(5) (5)
CHEM 2A Ge	nl Chemistry	(5)	CHEM	400		General Chemistry	(5)
	nl Chemistry	• •	CHEM CHEM	400	<u>&</u>	General Chemistry General Chemistry	(5) (5)
CHEM 8A Or	ganic Chem-Brief	(2)	NO CO	OMPAF	RAB	LE COURSE	

CHEM 8B Organic Chem-Brief	(4) NO COMPARA	BLE COURSE	
STATIST 13 Elementary Statistics Same as: STATIST 13Y	(4) STAT 300	Introduction to Probability and Statistics	(4)
	<u>OR</u> PSYC 330 OR	Introductory Statistics for Behavioral Sciences	(3)
	ECON 310	Economic Statistics	(3)

RECOMMENDED COURSES:

CHEM 2C	Genl Chemistry	(5) CHEM 401	General Chemistry	(5)

END OF MAJOR

====Plant Biology B.S.====

Special Advising Note:

The following majors in the College of the Biological Sciences--biochemistry and molecular biology; biological sciences; cell biology; evolution, ecology, and biodiversity; genetics and genomics; marine and coastal science (marine ecology & organismal biology); microbiology; neurobiology, physiology, and behavior; and plant biology--are selective and require preparatory coursework for admission. Any required courses that are offered at your current campus must be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses are not offered at your college, you must complete them after enrolling at UC Davis.

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.50 for each of the three course groups. It is recommended that candidates have already achieved the minimum required GPAs for the courses in the groups below that have been completed by the time of application and maintain them through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

Mathematics 17A/B/C 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 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 	400	Principles of Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL BIOL BIOL	410	& Principles of Botany	(5) (5) (5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL BIOL 		— – – –	(5) (5)
CHEM 2B Ge	nl Chemistry nl Chemistry nl Chemistry	(5)	CHEM CHEM CHEM CHEM	400 401	<u>&</u> General Chemistry General Chemistry	(5) (5) (5) (5)
	ganic Chem-Brief ganic Chem-Brief OR	• •			ABLE COURSE ABLE COURSE OR	

CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 4		Organic Chemistry	(5)
			CHEM 4		Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 4		Organic Chemistry	(5)
CHEM 118C	Org Chem, Hlth & Sci	(1)	CHEM 4		Organic Chemistry Organic Chemistry	(5) (5)
CHEM 110C	org chem, fith a ser	(4)	CHEM 4		Organic Chemistry	(5)
MATH 17A	Calculus for BioSci	(4)	MATH 3	50	Calculus for the Life	(3)
					and Social Sciences I	
			OR			
			MATH 3	355	Calculus for Biology	(1)
MATH 17B	Calculus for Biosci	(4)	MATH 3	56	and Medicine I Calculus for Biology	(4)
MAIN 17D	calculus for broser	(1)		50	and Medicine II	(4)
						(=)
MATH 17C	Calculus for BioSci	(4)	MATH 3	56	Calculus for Biology	
					and Medicine II	(4)
	OR	(4)			OR	(=)
MATH 21A					Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 4		Calculus II	(5)
PHYSICS 7A	General Physics	(4)	PHYS 3	50 &	General Physics	(4)
	-	. ,	PHYS 3		General Physics	(4)
			OR			
			PHYS 3	70 <u>&</u>	Introductory Physics -	(5)
					Mechanics and	
			 PHYS 3	80	Thermodynamics Introductory Physics -	(5)
				80	Electricity and	(5)
					Magnetism, Light and	
			İ		Modern Physics	
PHYSICS 7B	General Physics	(4)	PHYS 3			(4)
			PHYS 3	60	General Physics	(4)
				70 6	Tetroductory Dhurding	(
			PHYS 3	70 <u>«</u>	Introductory Physics - Mechanics and	(5)
					Thermodynamics	
			PHYS 3	80	Introductory Physics -	(5)
			İ		Electricity and	
					Magnetism, Light and	
		(1)		FO	Modern Physics	(1)
PHYSICS 7C	General Physics	(4)	PHYS 3		General Physics General Physics	(4)
				00	General Physics	(4)
			PHYS 3	70 &	Introductory Physics -	(5)
			İ	_	Mechanics and	
			ĺ		Thermodynamics	
			PHYS 3	80	Introductory Physics -	(5)
					Electricity and	
					Magnetism, Light and Modern Physics	
It is hiahl	y recommended that student	ts co	n mplete a	an en		
	nity college that is equiv					/B/C
	re transferring. Students					
	be required to take addit:					
Davis, and	will need to meet with a 1	UC Da	vis adv	isor l	before continuing with	

RECOMMENDED COURSES:

BIOLSCI 20Q	Modeling in Biology	(2)	NO COURSE	ARTICULATI	ED: (College has not
			submitted	course(s)	for	articulation

physics.

(4) MATH 402 Calculus III

END OF MAJOR

====Plant Sciences B.S.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is <u>highly recommended</u> that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. See the U<u>C Transfer Admission website</u> for details. UC Davis requires that students complete the minimum transfer admission requirement by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College of Agricultural and Environmental Sciences (A&ES) General Education (GE) English Composition Requirement for the Bachelor's Degree:

The College of A&ES English Composition requirement for the Bachelor's degree is an element of the UC Davis General Education (GE) pattern. This GE requirement may be satisfied by completing either two courses emphasizing written expression OR one course emphasizing written expression and one course emphasizing oral expression, with a grade of C- (or P) or better. The following UC Davis lower-division courses are among those that have been approved to satisfy this requirement: English 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (emphasis in either writing or speaking skills). The English Composition requirement may also be met by achieving a score of 4 or 5 on the Advanced Placement (AP) English examination PLUS completing any previously listed course, EXCEPT English 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC transfer students who have successfully completed the IGETC lower-division

coursework are exempt from all GE requirements that may be met with lower-division courses. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer admission. See the U<u>C Transfer Admission website</u>. The courses used for the A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 400 Principles of Biology	(5)
BIOLSCI 2B		(5)	BIOL 400 & Principles of Biology BIOL 410 & Principles of Botany BIOL 420 Principles of Zoology	(5) (5)
PL SCI 2	Bot Physio Cul Plt	(4)		
	Genl Chemistry Genl Chemistry	(5)	CHEM 400 General Chemistry CHEM 400 <u>&</u> General Chemistry CHEM 401 General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 401 General Chemistry	
CHEM 8A CHEM 8B	Organic Chem-Brief Organic Chem-Brief OR		NO COMPARABLE COURSE	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 420 <u>&</u> Organic Chemistry CHEM 421 Organic Chemistry	(5) (5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 420 <u>&</u> Organic Chemistry CHEM 421 Organic Chemistry	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 421 Organic Chemistry CHEM 420 <u>&</u> Organic Chemistry CHEM 421 Organic Chemistry	(5) (5) (5)
MATH 16A	Short Calculus	(3)	MATH 350 Calculus for the Life and Social Sciences I OR	(3)
			MATH 400 Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 351 Calculus for Life and Social Sciences II OR	(3)
	OR		MATH 401 Calculus II OR	(5)
MATH 17A	Calculus for BioSci	(4)	MATH 350 Calculus for the Life and Social Sciences I	
			OR MATH 355 Calculus for Biology	
	Coloulus for Disco'		and Medicine I	(4)
MATH 17B	Calculus for Biosci	(4)	MATH 356 Calculus for Biology and Medicine II	(4)

PHYSICS 1A PHYSICS 1B	Principles Physics Principles Physics		NO COMPARABLE COURSE
INIDICO ID	OR	(3)	
PHYSICS 7A	General Physics	(4)	PHYS 350 & General Physics (4)
	-		PHYS 360 General Physics (4)
			PHYS 370 & Introductory Physics - (5) Mechanics and
			Thermodynamics PHYS 380 Introductory Physics - (5) Electricity and Magnetism, Light and
	Conomal Dharaina	(1)	Modern Physics
PHYSICS 7B	General Physics	(4)	PHYS 350 & General Physics (4) PHYS 360 General Physics (4) OR OR (4)
			OK PHYS 370 & Introductory Physics - (5)
			$\begin{array}{c c} & \\ \hline \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\$
			Thermodynamics
			PHYS 380 Introductory Physics - (5)
			Electricity and
			Magnetism, Light and
DIWATAA 74		(1)	Modern Physics
PHYSICS 7C	General Physics	(4)	PHYS 350 & General Physics(4)PHYS 360General Physics(4)
			OR
			PHYS 370 & Introductory Physics - (5)
			Mechanics and
			Thermodynamics
			PHYS 380 Introductory Physics - (5)
			Electricity and
			Magnetism, Light and
The day holdship las			Modern Physics
			mplete an entire physics series at
			t to the entire UC Davis Physics 7A/B/C transfer without completing an entire
			physics courses upon arrival at UC
			vis advisor before continuing with
physics.			
ABIOSYT 49	Fld Equip Oper	(2)	NO COMPARABLE COURSE
	OR		OR
		1 2 1	INC COUDER ADDITING ADDI CALLER has not
PL SCI 49	Org Crop Prod Prac		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PL SCI 49			
		E CROP	submitted course(s) for articulation PRODUCTION OPTION: ECON 304 Principles of (3)
	COURSES FOR TH	E CROP	submitted course(s) for articulation PRODUCTION OPTION:

====Political Science - Public Service A.B.==== Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree. Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <u>transfer admission website</u>. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See http://llc.ucdavis.edu/foreign-language-placement-exams and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

POL SCI 1	Amer Natl Govt	(4) POLS 301 	Introduction to Government: United States	(3)
	THREE COURSES	FROM THE FOLLOWI	NG:	
POL SCI 2	Intro Comp Politics	(4) POLS 302	Introduction to Government: Foreign	(3)
POL SCI 3	Internatl Relations	(4) POLS 310	Introduction to	(3)

		International Relations
POL SCI 4	Bas Cnpt/Pol Thry	(4) POLS 320 Introduction to (3)
DOI GGT F	Ducha (am Dal Gua	Political Theory
POL SCI 5	Probs/Am Pol Sys	(4) NO COMPARABLE COURSE
POL SCI 7	Law & Politics	(4) NO COMPARABLE COURSE
POL SCI 51	Scientific Study of Politics	(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation

ONE COURSE FROM THE FOLLOWING:

POL SCI 12Y Data Visualization	(4) NO COURSE ARTICULATED: College h	nas not
Same as: COMUNCN 12Y, PSYCH 12Y s	ubmitted course(s)for articulation	
SOCIOL 12Y		
STATIST 13 Elementary Statistics	(4) STAT 300 Introduction to	(4)
Same as: STATIST 13Y	Probability and	
	Statistics	
	OR	
	PSYC 330 Introductory	(3)
	Statistics for	
	Behavioral Sciences	
	OR	
	ECON 310 Economic Statistics	(3)
STATIST 32 Gateway to Data Science	(4) NO COURSE ARTICULATED: College h	nas not
	submitted course(s) for articula	ation

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 <u>http://tag.ucdavis.edu</u> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See http://llc.ucdavis.edu/foreign-language-placement-exams and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

	THREE COURSES	FROM THE FOLLOWING:		
POL SCI 1	Amer Natl Govt	(4) POLS 301	Introduction to	(3)
			Government: United	
			States	
POL SCI 2	Intro Comp Politics	(4) POLS 302	Introduction to	(3)
			Government: Foreign	
POL SCI 3	Internatl Relations	(4) POLS 310	Introduction to	(3)
			International	
			Relations	
POL SCI 4	Bas Cnpt/Pol Thry	(4) POLS 320	Introduction to	(3)
		Ì	Political Theory	

ONE COURSE FROM THE FOLLOWING:

Note: Courses listed twice may be used only once for major preparation

Note: Courses listed twice may be u		-	r major preparation	
POL SCI 1 Amer Natl Govt	(4)	POLS 301	Introduction to Government: United	(3)
POL SCI 2 Intro Comp Politics	(4)	POLS 302	States Introduction to Government: Foreign	(3)
POL SCI 3 Internatl Relations	(4)	POLS 310	Introduction to	(3)
			International Relations	
POL SCI 4 Bas Cnpt/Pol Thry	(4)	POLS 320	Introduction to	(3)
		İ	Political Theory	
POL SCI 5 Probs/Am Pol Sys	(4)	NO COMPAR	ABLE COURSE	
POL SCI 7 Law & Politics	(4)	NO COMPAR	ABLE COURSE	
POL SCI 11A America Decides	(4)	NO COURSE	ARTICULATED: College h	las not
		submitted	course(s)for articulat	ion
POL SCI 11B Citizen Lawmaking	(4)	NO COURSE	ARTICULATED: College h	las not
		submitted	course(s)for articulat	ion
POL SCI 11C Politics & Film	(4)	NO COURSE	ARTICULATED: College h	las not
		submitted	course(s)for articulat	ion
POL SCI 11D Political Persuasion	n (4)		ARTICULATED: College h	
			course(s)for articulat	
POL SCI 12A Politics & Sports	(4)		ARTICULATED: College h	
		submitted	course(s)for articulat	ion
POL SCI 12B Climate Chg & Politics	s (4) 		
POL SCI 51 Scientific Study of	(4)			
Politics		1	course(s) for articula	
POL SCI 12Y Data Visualization				
Same as: COMUNCN 12Y, PSYCH 12Y	submit	ted course	(s)for articulation	
SOCIOL 12Y OR			OR	
STATIST 13 Elementary Statistics	· (1)	 CTT 200	Introduction to	(4)
Same as: STATIST 13Y	5 (I)	SIAI 500	Probability and	(+)
Same as. STATIST 151			Statistics	
		OR	Statistics	
		<u>OK</u> PSYC 330	Introductory	(3)
			Statistics for	(5)
			Behavioral Sciences	
			Demavioral Sciences	
		<u>OR</u> ECON 310	Economic Statistics	(3)
OR			OR	(5)
STATIST 32 Gateway to Data Science	e (4)	NO COURSE	ARTICULATED: College h	as not
	· - /		course(s) for articula	
END OF MAJOR				

Special Advising Note:

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

This major is selective and requires preparatory coursework for admission. Any required courses that are offered at your current campus must be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses are not offered at your college, you must complete them after enrolling at UC Davis.

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.90 for the course group. It is recommended that candidates have a cumulative GPA of at least 2.90 for courses in the group below that have been completed by the time of application and maintain the GPA through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

Applicants to psychology apply to the major, without reference to A.B. or B.S. degrees or emphases, which are chosen after enrollment at UC Davis. Transfer students are advised that although <u>requirements for admission</u> (listed above) in the psychology major are the same for the A.B. and B.S. degree options, lower-division <u>preparation for graduation</u> in the major may vary based on the degree and emphasis. Students are encouraged to view coursework for the A.B. degree and the B.S. degree with available biological and quantitative emphases.

Although not required for admission selection to the psychology major, it is highly recommended that students planning for a B.S. degree in psychology complete courses comparable to the UC Davis chemistry courses that apply to the student's degree and emphasis before enrolling at UC Davis.

*Students planning for a B.S. degree in psychology with biological emphasis are encouraged to complete Biological Sciences 2A rather than Biological Sciences 10. Also, although only one biological sciences course is required for admission, students interested in pursuing a B.S. degree with biological emphasis are encouraged to complete the recommended courses shown on ASSIST.

Transfer students must also meet UC transfer admission requirements. For details, see the UC Davis <u>transfer admission website</u>. UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer students are strongly advised to complete as many preparatory courses

as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG 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 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

PSYCH 1 General Psycho PSYCH 41 Research Meth		,	General Principles Research Methods in Psychology	(3) (3)
STATIST 13 Elementary Same as: STATIST 13Y	Statistics (4) STAT 300 OR	Introduction to Probability and Statistics	(4)
		PSYC 330	Introductory Statistics for Behavioral Sciences Economic Statistics	(3)
BIOLSCI 2A Intro Biolo Earth	ogy:Life on (5) BIOL 400 	Principles of Biology	(5)

OR A COMBINATION OF

BIOLSCI 10	Everyday Biology	(4) BIOL 300 	The Foundations of Biology	(3)
		OR		
		BIOL 307	Biology of Organisms	(4)

BIOL 310 General Biology

(4)

AND ONE COURSE FROM

ANTHRO 1	Human Evol Biol	(4) ANTH 300	Physical Anthropology (3)
	OR		OR
MOL&CB 10	Intro Human Heredity	(4) BIOL 462	Genetics in (3)
			Contemporary Human
		ĺ	Society
	OR		OR
NE PH B 10	Elem Human Physio	(3) BIOL 430 8	Anatomy and Physiology (5)
		BIOL 431	Anatomy and Physiology (5)

OR

END OF MAJOR

====Psychology B.S. (Biological)====

Special Advising Note:

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

This major is selective and requires preparatory coursework for admission. Any required courses that are offered at your current campus must be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses are not offered at your college, you must complete them after enrolling at UC Davis.

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.90 for the course group. It is recommended that candidates have a cumulative GPA of at least 2.90 for courses in the group below that have been completed by the time of application and maintain the GPA through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

Applicants to psychology apply to the major, without reference to A.B. or B.S. degrees or emphases, which are chosen after enrollment at UC Davis. Transfer students are advised that although <u>requirements for admission</u> (listed above) in the psychology major are the same for the A.B. and B.S. degree options, lower-division <u>preparation for graduation</u> in the major may vary based on the degree and emphasis. Students are encouraged to view coursework for the A.B. degree with available biological and quantitative emphases.

Although not required for admission selection to the psychology major, it is highly recommended that students planning for a B.S. degree in psychology complete courses comparable to the UC Davis chemistry courses that apply to the student's degree and emphasis before enrolling at UC Davis.

*Students planning for a B.S. degree in psychology with biological emphasis are

encouraged to complete Biological Sciences 2A rather than Biological Sciences 10. Also, although only one biological sciences course is required for admission, students interested in pursuing a B.S. degree with biological emphasis are encouraged to complete the recommended courses shown on ASSIST.

Transfer students must also meet UC transfer admission requirements. For details, see the UC Davis <u>transfer admission website</u>. UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG 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:

PSYCH 1 PSYCH 41	General Psychology Research Methods	(4) PSYC 300 (4) PSYC 335 	General Principles Research Methods in Psychology	(3) (3)
STATIST 13 Same as:	Elementary Statistics STATIST 13Y	(4) STAT 300 	Introduction to Probability and Statistics	(4)
		<u>OR</u> PSYC 330 	Introductory Statistics for Behavioral Sciences	(3)
		<u>OR</u> ECON 310	Economic Statistics	(3)
 МАТН 16А	Short Calculus	(3) MATH 350 OR	Calculus for the Life and Social Sciences I	(3)
		MATH 400	Calculus I	(5)

MATH 16B	Short Calculus	(3)	MATH 351 Calculus for Life and Social Sciences II	(3)
			OR	
	OR		MATH 401 Calculus II OR	(5)
МАТН 17А	Calculus for BioSci	(4)	MATH 350 Calculus for the Life and Social Sciences I	(3)
			OR MATH 355 Calculus for Biology and Medicine I	(4)
МАТН 17В	Calculus for Biosci	(4)	MATH 356 Calculus for Biology and Medicine II	(4)
	OR		OR	
MATH 21A	Calculus		MATH 400 Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 401 Calculus II	(5)
PHYSICS 10	Topics,Nonscientists OR	(4)	PHYS 310 Conceptual Physics OR	(3)
PHYSICS 100	2 Physics of California	(3)	NO COURSE ARTICULATED: College has	
	OR		submitted course(s)for articulation OR	n
PHYSICS 7A	General Physics	(4)	PHYS 350 & General Physics	(4)
			PHYS 360 General Physics OR	(4)
			PHYS 370 & Introductory Physics -	(5)
			Mechanics and	
			Thermodynamics PHYS 380 Introductory Physics -	(5)
			PHYS 380 Introductory Physics - Electricity and	(5)
			Magnetism, Light and	
		(4)	Modern Physics	(4)
PHYSICS 7B	General Physics	(4)	PHYS 350 & General Physics PHYS 360 General Physics	(4) (4)
			<u>OR</u>	(1)
			PHYS 370 & Introductory Physics -	(5)
			Mechanics and Thermodynamics	
			PHYS 380 Introductory Physics -	(5)
			Electricity and	
			Magnetism, Light and Modern Physics	
It is highl	ly recommended that student	s co	mplete an entire physics series at	
their commu	unity college that is equiv	valen	t to the entire UC Davis Physics 7A	
			cransfer without completing an enti: physics courses upon arrival at UC	
			vis advisor before continuing with	
physics.				
BTOLGOT 27	Intro Biology: Life on	 (۲)	BIOL 400 Principles of Biology	
PIONOCI 24	Earth	(3)	Pron 400 Frincibies of Broiodà	(3)
BIOLSCI 2B	Intro Biology: Ecology	(5)	BIOL 400 & Principles of Biology	(5)
	& Evolution		BIOL 410 & Principles of Botany BIOL 420 Principles of Zoology	(5)
BIOLSCI 2C	Intro Biology:	(5)	BIOL 420 Principles of Zoology BIOL 410 & Principles of Botany	(5) (5)
-	Biodiversity & the Tree		BIOL 420 Principles of Zoology	
	of Life			
CHEM 2A	Genl Chemistry	(5)	CHEM 400 General Chemistry	(5)
	Genl Chemistry	(5)	CHEM 400 🍇 General Chemistry	(5)
			CHEM 401 General Chemistry	(5)
 CHEM 8A	Organic Chem-Brief			
		(=)		

CHEM 8B	Organic Chem-Brief	(4) NO COMPARABLE COURSE	
	OR	OR	
CHEM 118A	Org Chem, Hlth & Sci	(4) CHEM 420 & Organic Chemistry	(5)
		CHEM 421 Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4) CHEM 420 & Organic Chemistry	(5)
		CHEM 421 Organic Chemistry	(5)
	OR	OR	
CHEM 128A	Organic Chemistry	(3) CHEM 420 を Organic Chemistry	(5)
		CHEM 421 Organic Chemistry	(5)
CHEM 128B	Organic Chemistry	(3) CHEM 420 を Organic Chemistry	(5)
		CHEM 421 Organic Chemistry	(5)

END OF MAJOR

====Psychology B.S. (Quantitative)====

Special Advising Note:

REQUIREMENTS FOR ADMISSION:

(for 2018-19)

This major is selective and requires preparatory coursework for admission. Any required courses that are offered at your current campus must be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses are not offered at your college, you must complete them after enrolling at UC Davis.

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.90 for the course group. It is recommended that candidates have a cumulative GPA of at least 2.90 for courses in the group below that have been completed by the time of application and maintain the GPA through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

> Psychology 1; Statistics 13; One of these two options: Biological Sciences 2A <u>or</u> Biological Sciences 10 <u>and one</u> course from: Anthropology 1 <u>or</u> Molecular and Cellular Biology 10 <u>or</u> Neurobiology, Physiology and Behavior 10

Applicants to psychology apply to the major without reference to A.B. or B.S. degrees or emphases, which are chosen after enrollment at UC Davis. Transfer students are advised that although <u>requirements for admission</u> (listed above) in the psychology major are the same for the A.B. and B.S. degree options, lower-division <u>preparation for graduation</u> in the major may vary based on the degree and emphasis. Students are encouraged to view coursework for the A.B. degree with available biological and quantitative emphases.

Although not required for admission selection to the psychology major, it is highly recommended that students planning for a B.S. degree in psychology complete courses comparable to the UC Davis chemistry courses that apply to the student's degree and emphasis before enrolling at UC Davis.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <u>transfer admission website</u>. UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term

prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

PSYCH 1 General Psychology PSYCH 41 Research Methods	(4) PSYC 300 (4) PSYC 335 	_	'
STATIST 13 Elementary Statistics Same as: STATIST 13Y		Introduction to (4 Probability and Statistics	1)
	<u>OR</u> PSYC 330 	Introductory (3 Statistics for Behavioral Sciences	3)
	<u>OR</u> ECON 310	Economic Statistics (3	3)
MATH 21A Calculus MATH 21B Calculus MATH 21C Calculus	(4) MATH 400 (4) MATH 401 (4) MATH 402	Calculus II (5	5)
ENG CS 36A Programming Formerly ENG CS 30 OR	(4) CISP 360	Introduction to (4 Structured Programming OR	1)
ENG CS 32A Intro to Programming(4) Formerly ENG CS 10	CISP 370	Beginning Visual BASIC (4	1)

Please note that the community college's computer science courses may not be identical to UC Davis courses. Community college students, upon transfer to UC Davis, may need to make up any topic or language

CHEM 10 Concept of Chem (4) NO COMPARABLE COURSE OR OR OR CHEM 2A Genl Chemistry (5) CHEM 2B Genl Chemistry (5) CHEM 400 General Chemistry (5) CHEM 401 General Chemistry (5) CHEM 401 General Chemistry (5) CHEM 401 General Chemistry (5) NO COMPARABLE COURSE CHEM 2BH Honors Genl Chemistry (5) NO COMPARABLE COURSE CHEM 2BH Honors Genl Chemistry (5) NO COMPARABLE COURSE CHEM 2BH Honors Genl Chemistry (5) NO COMPARABLE COURSE CHEM 2BH Honors Genl Chemistry (5) NO COMPARABLE COURSE CHEM 2BH Honors Genl Chemistry (5) NO COMPARABLE COURSE CHEM 2BH Honors Genl Chemistry (5) NO COMPARABLE COURSE PHYSICS 10 Topics,Nonscientists (4) PHYS 310 Conceptual Physics (3) OR OR OR PHYSICS 10C Physics of California (3) NO COURSE ARTICULATED: College has not submitted course(s)for articulation OR OR PHYSICS 7A General Physics (4) PHYS 360 General Physics (4) PHYS 370 <u>6</u> Introductory Physics - (5) Mechanics and Magnetism, Light and Modern Physics (4) PHYS 360 General Physics (4) PHYS 360 General Physics (4) PHYS 360 General Physics (4) PHYS 370 <u>6</u> Introductory Physics - (5) Electricity and Magnetism, Light and Magne			
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It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

BIOLSCI 2A	Intro Biology:Life on Earth	(5) BIOL 400 	Principles of Biology	(5)

OR A COMBINATION OF

BIOLSCI 10	Everyday Biology	(4) BIOL 300	The Foundations of Biology	(3)
		<u>OR</u> BIOL 307 <u>OR</u>	Biology of Organisms	(4)
		BIOL 310	General Biology	(4)

AND ONE COURSE FROM

ANTHRO 1	Human Evol Biol	(4) ANTH 300	Physical Anthropology	(3)
	OR		OR	
MOL&CB 10	Intro Human Heredity	(4) BIOL 462	Genetics in	(3)
			Contemporary Human	

OR

NE PH B 10 Elem Human Physio (3) BIOL 430 & Anatomy and Physiology (5) BIOL 431 Anatomy and 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 <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 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

ONE COURSE FROM THE FOLLOWING:

REL STD 1	Survey of Religion	(4) PHIL 352 Introduction to World (3	3)
		Religions	
REL STD 1A	Pilgrimage	(4) NO COMPARABLE COURSE	
REL STD 1B	Death and Afterlife	(4) NO COMPARABLE COURSE	

REL STD 1C Sacrifice	(4) NO COMPARABLE COURSE
REL STD 1D Conversion	(4) NO COURSE ARTICULATED: College has not
	submitted course(s) for articulation
REL STD 1E Fundamentalism	(4) NO COURSE ARTICULATED: College has not
	submitted course(s) for articulation
REL STD 1F Religion Today	(4) NO COURSE ARTICULATED: College has not
	submitted course(s) for articulation
REL STD 1G Myth Ritual Symbol	(4) NO COMPARABLE COURSE
REL STD 1H Sex, Marriage, Dive	
	submitted course(s) for articulation
REL STD 1J Music, Voice, Word	(4) NO COURSE ARTICULATED: College has not
	submitted course(s)for articulation
	SES FROM THE FOLLOWING:
REL STD 5 Comparative Religion	(2) NO COURSE ARTICULATED
REL STD 6 Intro Health Humaniti	
REL STD 10 Contemporary Ethica	
Issues	submitted course(s) for articulation
REL STD 10A Contemporary Ethic	-
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	
Religions	submitted course(s) for articulation
REL STD 21 The Bible	(4) NO COMPARABLE COURSE
REL STD 23 Intro Judaism	(4) NO COMPARABLE COURSE
REL STD 30 South Asian Religio	ons (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
KED SID 45 CHIISCIANICY	submitted course(s) for articulation
REL STD 60 Introduction to Isl	
KED SID 00 INCLORACCION CO ISI	and Civilization
REL STD 65C The Qur'an and Its	
Interpretation	submitted course(s) for articulation
REL STD 67 Modern Hinduism	(4) NO COURSE ARTICULATED: College has not
Red 515 07 Modelin minduisii	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 Mytholo	
Kel Sib 09 incro nindu Mychord	submitted course(s) for articulation
REL STD 70 Religion and Langua	
Kei Sib /o Keiigion and hangua	submitted course(s) for articulation
REL STD 75 Introduction to Chi	nese (4) NO COMPARABLE COURSE
Philosophy	
REL STD 80 Religion, Gender, S	Sex (4) NO COURSE ARTICULATED: College has not
Ken Sid of Kerryron, Gender, a	submitted course(s) for articulation
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END OF MAJOR	

END OF MAJOR

====Russian A.B.====

Special Advising Note:

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fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

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College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See http://llc.ucdavis.edu/foreign-language-placement-exams and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

Students with only one year or less of Russian at the community college level should consult with an advisor in the Russian Department at UC Davis before continuing on with the Russian series.

THE OF MALTON				
RUSSIAN 6	Intermed Russian	(4) NO	COMPARABLE	COURSE
RUSSIAN 5	Intermed Russian		COMPARABLE	
RUSSIAN 4	Intermed Russian		COMPARABLE	
RUSSIAN 3	Elementary Russian		COMPARABLE	
RUSSIAN 2	Elementary Russian		COMPARABLE	
RUSSIAN 1	Elementary Russian		COMPARABLE	

END OF MAJOR

====Science & Technology Studies A.B.====

Special Advising Note:

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complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

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GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

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College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See

http://llc.ucdavis.edu/foreign-language-placement-exams and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

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	(4) NO COMPARABLE COURSE
	Culture	
AMR STD 1E	Nat&Cult Amr	(4) NO COMPARABLE COURSE
AMR STD 5	Tech in Amr Lives	(4) NO COMPARABLE COURSE
ENV S&P 1	Env Analysis	(4) NO COMPARABLE COURSE
HUMAN 3 M	ledicine & 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 Same as: ANTHRO 32

Same as: ANTHRO 32

4 quarter units of lower-division science courses from the Approved Science Electives list. To see the list, click on <u>http://sts.ucdavis.edu/undergraduate/sts-major-</u>requirements

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.

SOCIOL I	Intro Sociology	(5) SOC 300	Introductory Sociology (3)

SOCIOL 46A Intro Social Rsch (4) NO COMPARABLE COURSE AND AND SOCIOL 46B Intro Social Rsch (5) NO COMPARABLE COURSE _____ ONE COURSE FROM THE FOLLOWING: SOCIOL 2Self and Society(4) NO COMPARABLE COURSESOCIOL 3Social Problems(4) SOC 301Social Problems(3)SOCIOL 4Immigrtn & Opprtnty(4) SOC 321Race, Ethnicity and(3) Inequality in the United States SOCIOL 5 Global Soc Change (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation Sociology of Labor and (4) NO COURSE ARTICULATED: College has not SOCIOL 11 Employmentsubmitted course(s) for articulationPopular Culture(4) NO COMPARABLE COURSE SOCIOL 25Popular Culture(4) NO COMPARABLE COURSESOCIOL 30AMulticultural 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 2 Cultural Anthropology (5) ANTH 310 Cultural Anthropology (3) OR ANTH 313 Introduction to (3) Cultural Anthropology: Medical Focus OR OR ANTHRO 20 Comparative Cultures (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation _____ ONE COURSE FROM THE FOLLOWING: HISTORY 4AWestern Civ(4) | NO COMPARABLE COURSEHISTORY 4BWestern Civ(4) | HIST 301 & History contact (4) | HIST 301 & History of Western (3) Civilization (to 1660) |HIST 302 History of Western (3) Civilization HISTORY 4C Western Civ (4) |HIST 302 History of Western (3) Civilization (4) HIST 380 History of the Middle (3) HISTORY 6 Intro to Middle East East 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 8 Indian Civilization (4) NO COMPARABLE COURSE o) HISTORY 9A East Asian Civ (4) HIST 364 & Asian Civ (4)|HIST 364 崔 Asian Civilization (3) HIST 365 Asian Civilization (3) o) HISTORY 9B East Asian Civ (4) HIST 364 <u>&</u> Asian Civilization (3) HIST 365 Asian Civilization (3) HIST 365Asian Civilization(3)HISTORY 10CWorld History III(4) NO COMPARABLE COURSEHISTORY 15AAfrica to 1900(4) NO COURSE ARTICULATEDHISTORY 15BAfrica Today(4) NO COURSE ARTICULATEDHISTORY 17AU.S. History(4) HIST 312HIST 312History of the United(3) States (to 1865) HISTORY 17B U.S. History (4) HIST 313 <u>&</u> History of the United (3) States (1865-1945) HIST 314 Recent United States (3) History

ONE COURSE FROM THE FOLLOWING:			
PHILOS 5 Critical Reasoning	(4) PHIL 320 	Logic and Critical Reasoning	(3)
d) PHILOS 14 Eth Soc Prob in Soc PHILOS 24 Intro to Ethics	(4) PHIL 310 (4) PHIL 310	Introduction to Ethics Introduction to Ethics	. ,
<u>OR</u> PHIL 360 Social/Political (3) Philosophy			

END OF MAJOR

- o) This articulation is series-for-series only. Students at Cosumnes River College who take both HIST 364 and HIST 365 will receive credit at UC Davis for HISTORY 9A and HISTORY 9B. Students who take only one of these courses will receive no course credit at UC Davis.
- d) Students who complete PHIL 310 at Cosumnes River College will receive credit at UC Davis for PHILOS 14 or 24, not both

====Sociology A.B. (Comparative Studies and World Development)==== Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <u>transfer admission website</u>. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG 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 300 Introductory Sociology (3) SOCIOL 5 Global Soc Change (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 1B Princ of Macroecon (4) ECON 302 Principles of (3) Macroeconomics ANTHRO 2 Cultural Anthropology (5) ANTH 310 Cultural Anthropology (3) OR OR OR OR ANTHRO 20 Comparative Cultures (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation HISTORY 10C World History III (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation OR OR OR OR POL SCI 2 Intro Comp Politics (4) POLS 302 Introduction to (3) Government: Foreign			
submitted course(s) for articulation SOCIOL 46A Intro Social Rsch (4) NO COMPARABLE COURSE AND AND SOCIOL 46B Intro Social Rsch (5) NO COMPARABLE COURSE ECON 1B Princ of Macroecon (4) ECON 302 Principles of (3) Macroeconomics ANTHRO 2 Cultural Anthropology (5) ANTH 310 Cultural Anthropology (3) OR ANTH 313 ANTHRO 20 Comparative Cultures (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation HISTORY 10C World History III (4) NO COMPARABLE COURSE OR OR OR POLITICS OR OR OR OR OR OR OR OR OR OR OR OR OR O	SOCIOL 1	Intro Sociology	(5) SOC 300 Introductory Sociology (3)
AND AND AND AND AND SOCIOL 46B Intro Social Rsch (5) NO COMPARABLE COURSE	SOCIOL 5	Global Soc Change	
SOCIOL 46B Intro Social Rsch (5) NO COMPARABLE COURSE ECON 1B Princ of Macroecon (4) ECON 302 Principles of (3) Macroeconomics ANTHRO 2 Cultural Anthropology (5) ANTH 310 Cultural Anthropology (3) OR ANTH 313 ANTHRO 20 Comparative Cultures (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation HISTORY 10C World History III (4) NO COMPARABLE COURSE OR OR POL SCI 2 Intro Comp Politics (4) POLS 302 Introduction to (3)	SOCIOL 46A		
Macroeconomics ANTHRO 2 Cultural Anthropology (5) ANTH 310 Cultural Anthropology (3) OR OR OR OR (3) ANTHRO 20 Comparative Cultures (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation HISTORY 10C World History III (4) NO COMPARABLE COURSE OR OR OR POL SCI 2 Intro Comp Politics (4) POLS 302 Introduction to (3)	SOCIOL 46B		
OR OR <th< td=""><td>ECON 1B</td><td>Princ of Macroecon</td><td></td></th<>	ECON 1B	Princ of Macroecon	
ANTH 313 Introduction to (3) Cultural Anthropology: Medical Focus OR ANTHRO 20 Comparative Cultures HISTORY 10C World History III (4) NO COMPARABLE COURSE OR POL SCI 2 Intro Comp Politics (4) POLS 302 Introduction to (3)	ANTHRO 2	Cultural Anthropology	
Image: submitted course(s) for articulation HISTORY 10C World History III (4) NO COMPARABLE COURSE OR OR POL SCI 2 Intro Comp Politics (4) POLS 302		OR	ANTH 313 Introduction to (3) Cultural Anthropology: Medical Focus
ORORPOL SCI 2Intro Comp Politics(4)POLS 302Introduction to(3)	ANTHRO 20	Comparative Cultures	-
POL SCI 2 Intro Comp Politics (4) POLS 302 Introduction to (3)	HISTORY 100	-	
	POL SCI 2	•	(4) POLS 302 Introduction to (3)

Course work in one modern foreign language at the two-year level, or provide proof of proficiency (27-30 quarter units).

END OF MAJOR

====Sociology A.B. (Law & Society)====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <u>transfer admission website</u>. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General

Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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 300	Introductory Sociology (3)
SOCIOL 3	Social Problems OR	(4) SOC 301	Social Problems (3) OR
SOCIOL 4	Immigrtn & Opprtnty	(4) SOC 321	Race, Ethnicity and (3) Inequality in the United States
	OR	i	OR
SOCIOL 11	Sociology of Labor and Employment		ARTICULATED: College has not course(s) for articulation
SOCIOL 46A	Intro Social Rsch AND	(4) NO COMPAR 	ABLE COURSE AND
SOCIOL 46B	Intro Social Rsch	(5) NO COMPAR	ABLE COURSE

4 QUARTER UNITS FROM THE FOLLOWING:

ANTHRO 2	Cultural Anthropology	(5)	ANTH 310	Cultural Anthropology	(3)
			OR		
			ANTH 313	Introduction to	(3)
				Cultural Anthropology	:
			İ	Medical Focus	
ANTHRO 20	Comparative Cultures	(4)	NO COURSE	ARTICULATED: College ha	s not
			submitted	course(s) for articulat	ion
POL SCI 1	Amer Natl Govt	(4)	POLS 301	Introduction to	(3)
				Government: United	
			ĺ	States	
POL SCI 3	Internatl Relations	(4)	POLS 310	Introduction to	(3)
				International	
			İ	Relations	
POL SCI 4	Bas Cnpt/Pol Thry	(4)	POLS 320	Introduction to	(3)
			İ	Political Theory	
POL SCI 7	Law & Politics	(4)	NO COMPARA	ABLE COURSE	

4 QUARTER UNITS FROM THE FOLLOWING:

HISTORY 4A Western Civ	(4)	NO COMPARABLE COURSE	
HISTORY 4B Western Civ		HIST 301 & History of Western	(3)
	(- /	Civilization (to 1660)	(3)
		HIST 302 History of Western	(3)
		Civilization	(-,
HISTORY 4C Western Civ	(4)	HIST 302 History of Western	(3)
		Civilization	
HISTORY 6 Intro to Middle East	(4)	HIST 380 History of the Middle	(3)
		East	
HISTORY 7A Latin America to 1700	(4)	NO COURSE ARTICULATED: College has	not
		submitted course(s) for articulation	on
HISTORY 7B Latin America 1700-1900	(4)	NO COURSE ARTICULATED: College has	
		submitted course(s) for articulation	
HISTORY 7C Latin America	(4)	NO COURSE ARTICULATED: College has	
1900-Present		submitted course(s) for articulation	on
HISTORY 8 Indian Civilization		NO COMPARABLE COURSE	
o) HISTORY 9A East Asian Civ	(4)	HIST 364 崔 Asian Civilization	(3)
		HIST 365 Asian Civilization	(3)
o) HISTORY 9B East Asian Civ	(4)	HIST 364 & Asian Civilization	(3)
		HIST 365 Asian Civilization	(3)
HISTORY 10C World History III		NO COMPARABLE COURSE	
HISTORY 15A Africa to 1900		NO COURSE ARTICULATED	
HISTORY 15B Africa Today	• •	NO COURSE ARTICULATED	
HISTORY 17A U.S. History	(4)	HIST 312History of the UnitedStates (to 1865)	(3)
HISTORY 17B U.S. History	(4)	HIST 313 & History of the United	(3)
-	. ,		. ,
		HIST 314 Recent United States	(3)
		History	
PHILOS 5 Critical Reasoning	(4)		(3)
		Reasoning	
OR		OR	
d) PHILOS 14 Eth Soc Prob in Soc OR	(4)	PHIL 310 Introduction to Ethics	(3)
PHILOS 24 Intro to Ethics	(4)	PHIL 310 Introduction to Ethics	(3)
	(-)	OR	
		PHIL 360 Social/Political	(3)
		Philosophy	
		·	

END OF MAJOR

- o) This articulation is series-for-series only. Students at Cosumnes River College who take both HIST 364 and HIST 365 will receive credit at UC Davis for HISTORY 9A and HISTORY 9B. Students who take only one of these courses will receive no course credit at UC Davis.
- d) Students who complete PHIL 310 at Cosumnes River College will receive credit at UC Davis for PHILOS 14 or 24, not both

====Sociology A.B. (Social Services)====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis transfer admission website. UC Davis requires that students

complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

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College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See

http://llc.ucdavis.edu/foreign-language-placement-exams and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

SOCIOL 1	Intro Sociology	(5) SOC 300 Introductory Sociology (3)
SOCIOL 2	Self and Society OR	(4) NO COMPARABLE COURSE
SOCIOL 3	Social Problems	(4) SOC 301 Social Problems (3)
SOCIOL 46A	Intro Social Rsch AND	(4) NO COMPARABLE COURSE AND
SOCIOL 46B	Intro Social Rsch	(5) NO COMPARABLE COURSE
PSYCH 1	General Psychology	(4) PSYC 300 General Principles (3)
	6-8 QUARTER UNI	TS FROM THE FOLLOWING:
AF-AMST 10	Af-Am Culture & Soc	(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AF-AMST 15	Intro Afro Amer Hum	(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
a a std 1	Hist Exp Asian Am	(4) NO COMPARABLE COURSE
a a std 2	Contemp Issues of Asian	(4) SOCSC 325 Asian Experience in (3)
	Americans	America
		Same as: ETHNS 330
CHICANO 10	Intro to Chic Std	(4) NO COURSE ARTICULATED: College has not

			leubritted seures(s) feu eutieuletien
			submitted course(s) for articulation
CHICANO 50	Chicano Culture	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
N A STD 1	Intro NA Studies	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
n a std 10	NA Experience	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
SOCIOL 4	Immigrtn & Opprtnty	(4)	SOC 321 Race, Ethnicity and (3)
			Inequality in the
			United States
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

END OF MAJOR

====Sociology-Organizational Studies A.B.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <u>transfer admission website</u>. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG 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 AND	(5) SOC 300 Int	roductory Sociology (3) AND
SOCIOL 2 Self and Society	(4) NO COMPARABLE	COURSE
SOCIOL 4 Immigrtn & Opprtnty	Ine	ee, Ethnicity and (3) equality in the ted States
OR		OR
SOCIOL 5 Global Soc Change		CULATED: College has not se(s) for articulation
OR SOCIOL 11 Sociology of Labor	nd (4) NO COURSE ARTI	OR CULATED: College has not
Employment		se(s) for articulation
SOCIOL 46A Intro Social Rsch	(4) NO COMPARABLE	COURSE AND
SOCIOL 46B Intro Social Rsch	(5) NO COMPARABLE	
ECON 1A Princ of Microecon	1	inciples of (3) croeconomics AND
ECON 1B Princ of Macroecon	1	rinciples of (3) croeconomics

END OF MAJOR

====Spanish A.B.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <u>transfer admission website</u>. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG 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 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

SPANISH 1	Elementary Spanish	(5) SPAN 401 Elementary Spanish (4)
SPANISH 2	Elementary Spanish	(5) SPAN 401 $\underline{\mathbf{\&}}$ Elementary Spanish (4)
		SPAN 402 Elementary Spanish (4)
SPANISH 3	Elementary Spanish	(5) SPAN 402 Elementary Spanish (4)
SPANISH 21	Intm Spanish	(5) SPAN 411 Intermediate Spanish (4)
SPANISH 22	Intm Spanish	(5) SPAN 412 Intermediate Spanish (4)
SPANISH 23	Span Comp I	(4) NO COURSE ARTICULATED: College has not
		submitted course(s) for articulation
SPANISH 24	Span Comp II	(4) NO COURSE ARTICULATED: College has not
		submitted course(s) for articulation
	OR	OR
SPANISH 31	Int Span Nat Spk I	(5) NO COMPARABLE COURSE
SPANISH 32	Int Span Nat Spk II	(5) NO COMPARABLE COURSE
SPANISH 33	Int Span Nat Spk III	(5) NO COMPARABLE COURSE

It is recommended that transfer students who have successfully completed a two-year sequence at the junior college level comparable to UC Davis Spanish 1 through 22 continue their study at UC Davis by taking Spanish 23. When available at the community college students are encouraged to complete courses comparable to Spanish 23 and 24. Students should consult a Spanish Department advisor at UC Davis upon enrollment.

LINGUIS 1 Intro Linguistics (4) | NO COMPARABLE COURSE

END OF MAJOR

====Statistics A.B.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <u>transfer admission website</u>. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG 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:

МАТН 16А	Short Calculus		Calculus for the Life and Social Sciences I	(3)
				<i>.</i> – .
			Calculus I	
MATH 16B	Short Calculus		Calculus for Life and Social Sciences II	(3)
		OR		
			Calculus II	
MATH 16C	Short Calculus	(3) MATH 351	Calculus for Life and	(3)
			Social Sciences II	
		OR		<i>.</i> – .
	OR	MATH 401 	Calculus II OR	(5)
MATH 17A	Calculus for BioSci	(4) MATH 350	Calculus for the Life	(3)
			and Social Sciences I	
		OR		
		MATH 355	Calculus for Biology	
			and Medicine I	(4)
MATH 17B	Calculus for Biosci	(4) MATH 356	Calculus for Biology	
			and Medicine II	(4)
матн 17С	Calculus for BioSci	(4) MATH 356	Calculus for Biology	
		(- ,	and Medicine II	(4)
	OR	I	OR	
MATH 21A		(4) MATH 400	-	(5)
MATH 21A MATH 21B			Calculus II	(5) (5)
	Calculus		Calculus III Calculus III	(5)
MAIN ZIC	Calculus	(F) MAIN 402	Calculus III	

MATH 22A	Linear Algebra	(3) MATH 410 	Introduction to Linear (3) Algebra
	Intro to Programming(4) y ENG CS 10 OR	CISP 370 	Beginning Visual BASIC (4)
	Programming ENG CS 30 OR	(4) CISP 360	Introduction to (4) Structured Programming OR
	Object-Oriented Program ENG CS 40	(4) CISP 400	Object Oriented (4) Programming with C++
		<u>OR</u> CISP 401 	Object Oriented (4) Programming with JAVA

Please note that the community college's computer science courses may not be identical to UC Davis courses. Community college students, upon transfer to UC Davis, may need to make up any topic or language deficiencies.

STATIST 32 Gateway to Data Science (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation

END OF MAJOR

====Statistics B.S. (Applied Statistics Option)==== Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <u>transfer admission website</u>. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG 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 350	Calculus for the Life	(3)
			and Social Sciences I	
		<u>OR</u> אאדים 400	Calculus I	(5)
МАТН 16В	Short Calculus	1	Calculus for Life and	. ,
			Social Sciences II	(=)
		OR		
		MATH 401	Calculus II	(5)
MATH 16C	Short Calculus	(3) MATH 351	Calculus for Life and	(3)
			Social Sciences II	
				(
	OR	MATH 401	Calculus II OR	(5)
матн 17а	Calculus for BioSci	(4) MATH 350	Calculus for the Life	(3)
			and Social Sciences I	(0)
		OR		
		MATH 355	Calculus for Biology	
			and Medicine I	· · ·
MATH 17B	Calculus for Biosci	(4) MATH 356	Calculus for Biology	
			and Medicine II	(4)
MATH 17C	Calculus for BioSci	(4) MATH 356	Calculus for Biology	
			and Medicine II	(4)
	OR		OR	
	Calculus		Calculus I	(5)
	Calculus		Calculus II	(5)
MATH ZIC	Calculus	(4) MATH 402	Calculus III	(5)
NOTE: THE	MATH 21A,B,C SERIES IS H	RECOMMENDED IF AN	VAILABLE	
 MATH 22A	Linear Algebra	(3) MATH 410	Introduction to Linear	r(3)

MATH 22A I	Linear Algebra	(3)	MATH 	410	Introduction to Linear Algebra	(3)
	Intro to Programming(4) ENG CS 10		CISP 	370	Beginning Visual BASIC	(4)
	OR				OR	
ENG CS 36A B	Programming	(4)	CISP	360	Introduction to	(4)
Formerly E	ENG CS 30		ĺ		Structured Programming	
	OR				OR	
ENG CS 36B C	Object-Oriented Program	(4)	CISP	400	Object Oriented	(4)
Formerly E	ENG CS 40				Programming with C++	
			OI	R		
			CISP	401	Object Oriented	(4)
					Programming with JAVA	

Please note that the community college's computer science courses may not be identical to UC Davis courses. Community college students, upon transfer to UC Davis, may need to make up any topic or language deficiencies.

AND ONE COURSE FROM

STATIST 12 Discrete Probabil (4) NO COURSE ARTICULATED: College has not

	submitted course(s) for articulation				
STATIST 13 Elementary Statistics (4)	STAT 300 Introduction to (4)				
Same as: STATIST 13Y	Probability and				
	Statistics				
	OR				
	PSYC 330 Introductory (3)				
	Statistics for				
	Behavioral Sciences				
	OR				
	ECON 310 Economic Statistics (3)				
STATIST 32 Gateway to Data Science (4)	NO COURSE ARTICULATED: College has not				
	submitted course(s) for articulation				
PLUS TWO INTRODUCTORY COURSES SERVING AS	PLUS TWO INTRODUCTORY COURSES SERVING AS THE PREREQUISITE TO UPPER DIVISION				
COURSES IN A CHOSEN DISCIPLINE TO WHICH STATISTICS IS APPLIED.					

END OF MAJOR

====Statistics B.S. (Computational Statistics Option)==== Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <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:

MATH 21A	Calculus	(4) MATH 400	Calculus I	(5)
MATH 21B	Calculus	(4) MATH 401	Calculus II	(5)

MATH 21C MATH 21D MATH 22A	Calculus Vector Analysis Linear Algebra	(4) MATH 402 (4) MATH 402 (3) MATH 410 	Calculus III (5) Calculus III (5) Introduction to Linear (3) Algebra
	Data Structures rly ENG CS 60	(4) CISP 430	Data Structures (4)

Please note that the community college's computer science courses may not be identical to UC Davis courses. Community college students, upon transfer to UC Davis, may need to make up any topic or language deficiencies.

AND ONE COURSE FROM

STATIST 12	Discrete Probabil	(4)		ARTICULATED: College has course(s) for articulat:	
STATIST 13 Same as:	Elementary Statistics STATIST 13Y	(4)	STAT 300 	Introduction to Probability and Statistics	(4)
			OR		
			PSYC 330	Introductory	(3)
				Statistics for	
				Behavioral Sciences	
			OR		
			ECON 310	Economic Statistics	(3)
STATIST 32	Gateway to Data Science	(4)	NO COURSE	ARTICULATED: College has	s not
			submitted	course(s) for articulat	lon

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 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

MATH 21A Calculus MATH 21B Calculus MATH 21C Calculus MATH 21C Calculus MATH 21D Vector Analysis	(4) (4)	1)
MATH 22A Linear Algebra	(3)	 матн 410 	Introduction to Linear (3) Algebra OR	
MATH 67 Modern Linear Algebra	(4)		ARTICULATED: College has not course(s) for articulation	
MATH 25 Advanced Calculus	(4)		ARTICULATED: College has not course(s) for articulation	
ENG CS 32A Intro to Programming(4) Formerly ENG CS 10 OR		CISP 370 	Beginning Visual BASIC (4) OR	I
ENG CS 36A Programming Formerly ENG CS 30 OR	(4)	CISP 360	•	I
ENG CS 36B Object-Oriented Program Formerly ENG CS 40	(4)	CISP 400	Object Oriented (4) Programming with C++	1
		CISP 401	Object Oriented (4) Programming with JAVA	1

Please note that the community college's computer science courses may not be identical to UC Davis courses. Community college students, upon transfer to UC Davis, may need to make up any topic or language deficiencies.

AND ONE COURSE FROM

STATIST 13 Same as:	Elementary Statistics STATIST 13Y	(4)	STAT 300 	Introduction to Probability and Statistics	(4)
			OR		
			PSYC 330	Introductory	(3)
				Statistics for	
				Behavioral Sciences	
			OR		
			ECON 310	Economic Statistics	(3)
STATIST 12	Discrete Probabil	(4)	NO COURSE	ARTICULATED: College has	s not
			submitted	course(s) for articulat:	ion
STATIST 32	Gateway to Data Science	(4)	NO COURSE	ARTICULATED: College has	s not
			submitted	course(s) for articulat:	ion

====Statistics B.S. (Statistical Data Science Track)==== Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <u>transfer admission website</u>. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

MATH 21A	Calculus	(4)	MATH	400	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH	401	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH	402	Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH	402	Calculus III	(5)
MATH 22A	Linear Algebra	(3)	MATH	410	Introduction to Linear Algebra	(3)
 FNC CS 327	Intro to Programming(4)	 	CISP	 370	Beginning Visual BASIC	(4)
	y ENG CS 10		CIDE	570	Degiming visual DASIC	(=)
1 01	OR	i			OR	
	1	(4)	CISP	360	OR Introduction to	(4)
ENG CS 36A	OR	(4)	CISP	360		(4)
ENG CS 36A	OR Programming	(4)	CISP	360	Introduction to	(4)
ENG CS 36A Formerly	OR Programming ENG CS 30		CISP		Introduction to Structured Programming	(4)
ENG CS 36A Formerly ENG CS 36B	OR Programming ENG CS 30 OR				Introduction to Structured Programming OR	. ,
ENG CS 36A Formerly ENG CS 36B	OR Programming ENG CS 30 OR Object-Oriented Program			400	Introduction to Structured Programming OR Object Oriented	. ,
ENG CS 36A Formerly ENG CS 36B	OR Programming ENG CS 30 OR Object-Oriented Program	(4)	CISP	400 <u>2</u>	Introduction to Structured Programming OR Object Oriented	. ,

_____ STATIST 12 Discrete Probabil (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation OR OR STATIST 13 Elementary Statistics (4) STAT 300 Introduction to (4) Same as: STATIST 13Y Probability and Statistics OR PSYC 330 Introductory (3) Statistics for Behavioral Sciences OR ECON 310 Economic Statistics (3) OR OR STATIST 32 Gateway to Data Science (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation

END OF MAJOR

====Sustainable Agriculture and Food Systems B.S.==== Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is <u>highly recommended</u> that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. See the U<u>C Transfer Admission website</u> for details. UC Davis requires that students complete the minimum transfer admission requirement by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College of Agricultural and Environmental Sciences (A&ES) General Education (GE) English Composition Requirement for the Bachelor's Degree:

The College of A&ES English Composition requirement for the Bachelor's degree is

an element of the UC Davis General Education (GE) pattern. This GE requirement may be satisfied by completing either two courses emphasizing written expression OR one course emphasizing written expression and one course emphasizing oral expression, with a grade of C- (or P) or better. The following UC Davis lower-division courses are among those that have been approved to satisfy this requirement: English 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (emphasis in either writing or speaking skills). The English Composition requirement may also be met by achieving a score of 4 or 5 on the Advanced Placement (AP) English examination PLUS completing any previously listed course, EXCEPT English 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC transfer students who have successfully completed the IGETC lower-division coursework are exempt from all GE requirements that may be met with lower-division courses. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer admission. See the 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:

General Cata	om our TAG website.		for \underline{AP} and \underline{IB} are also
COMUNCN 1	Intro Public Spkg	(4)	COMM 301 Introduction to Public (3) Speaking
PL SCI 15	Intro Sustainable Agriculture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CM&RGDE 20	Food Systems	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
pl path 40	Edible Mushroom Cult OR	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation OR
PL SCI 49	Org Crop Prod Prac	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	Select one of the	foll	owing courses:
AN SCI 41L	Domest An Prod Lab	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AN SCI 49A	Animal Prac/Aquaculture	(2)	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

AP and IB examination credit policies are detailed in the UC Davis 2018-19

AN SCI 49E	Animal Prac/Horses	(2)	submitted course(s)for articulation NO COURSE ARTICULATED: College has not
AN SCI 49F	Animal Prac/Lab Animals	(2)	<pre>submitted course(s)for articulation NO COURSE ARTICULATED: College has not submitted course(s)for articulation</pre>
AN SCI 49G	Animal Prac/Meats	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AN SCI 49H	Animal Prac/Poultry	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
AN SCI 491	Animal Prac/Sheep	(2)	NO COURSE ARTICULATED: College has not
AN SCI 49J	Animal Prac/Swine	(2)	<pre>submitted course(s)for articulation NO COURSE ARTICULATED: College has not submitted course(s)for articulation</pre>
ABIOSYT 49	Fld Equip Oper OR	(2)	NO COMPARABLE COURSE
ABIOSYT 52	Field Equip Welding	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation

PLUS CHOOSE ONE OF THE FOLLOWING THREE TRACKS:

TRACK I: AGRICU	JLTURE AND ECOLOGY
MATH 16A Short Calculus	(3) MATH 350 Calculus for the Life (3) and Social Sciences I OR
MATH 16B Short Calculus	MATH 400 Calculus I (5) (3) MATH 351 Calculus for Life and (3) Social Sciences II OR
	MATH 401 Calculus II (5)
CHEM 2A Genl Chemistry CHEM 2B Genl Chemistry	(5) CHEM 400General Chemistry(5)(5) CHEM 400&General Chemistry(5) CHEM 401General Chemistry(5)
PHYSICS 1A Principles Physics	
BIOLSCI 2B Intro Biology: Ecology & Evolution	<pre>(5) BIOL 400 & Principles of Biology (5) BIOL 410 & Principles of Botany (5) BIOL 420 Principles of Zoology (5)</pre>
PL SCI 2 Bot Physio Cul Plt	(4) NO COMPARABLE COURSE
AN SCI 1 Domest Ani & People OR	(4) NO COMPARABLE COURSE
AN SCI 2 Intro Animal Sci	(4) ANSC 300 Introduction to Animal (3) Science
FD S&T 1 Food Sci Principles	(3) NO COMPARABLE COURSE
ECON 1A Princ of Microecon	(4) ECON 304 Principles of (3) Microeconomics
CM&RGDE 1 The Community	(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
d) PHILOS 14 Eth Soc Prob in Soc OR	(4) PHIL 310 Introduction to Ethics (3)
PHILOS 15 Intro to Bioethics	(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation OR
PHILOS 24 Intro to Ethics	(4) PHIL 310 Introduction to Ethics (3)

			PHIL 360Social/Political(3)Philosophy
ANTHRO 2	Cultural Anthropology	(5)	
	OR		OR ANTH 313 Introduction to (3) Cultural Anthropology: Medical Focus OR
POL SCI 4	•	(4)	POLS 320 Introduction to (3) Political Theory
SOCIOL 1		(5)	SOC 300 Introductory Sociology (3)
SOCIOL 3		(4)	SOC 301 Social Problems (3)
	TRACK II: FC	וג תחו	
PHILOS 5			PHIL 320 Logic and Critical (3) Reasoning OR
PHILOS 31	-	(4)	NO COMPARABLE COURSE
d) PHILOS	14 Eth Soc Prob in Soc OR	(4)	PHIL 310 Introduction to Ethics (3)
PHILOS 15	Intro to Bioethics OR	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PHILOS 24		(4)	PHIL 310 Introduction to Ethics (3)
			PHIL 360 Social/Political (3) Philosophy
SOCIOL 46B	Intro Social Rsch OR	(5)	NO COMPARABLE COURSE
	-	(4)	STAT 300Introduction to(4)Probability andStatistics
			OR PSYC 330 Introductory (3) Statistics for Behavioral Sciences OR
			ECON 310 Economic Statistics (3)
	Genl Chemistry		CHEM 400 General Chemistry (5)
BIOLSCI 10	Everyday Biology	(4)	Biology
			OR BIOL 307 Biology of Organisms (4) OR
			BIOL 310 General Biology (4)
	Bot Physio Cul Plt	(4)	NO COMPARABLE COURSE
		(5)	BIOL 400 & BIOL 410 & BIOL 410 & BIOL 420Principles of Biology (5) Principles of Zoology (5)BIOL 420OR
ENV S&P 1	Env Analysis OR	(4)	NO COMPARABLE COURSE
ENV S&P 30	Global Ecosystem	(3)	-

Same as: ENV SC&M 30 OR		OR
W&F BIO 10 Wildl Ecol Conserve	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
OR W&F BIO 51 Intro to Conservation Biology	(3)	OR BIOL 352 Conservation Biology (3)
FD S&T 1 Food Sci Principles	(3)	NO COMPARABLE COURSE
SOILSCI 10 Soils in Our Environment	(3)	HORT 302 Soils, Soil (3) Management, and Plant Nutrition Same as: PLTS 310
ECON 1A Princ of Microecon	(4)	ECON 304 Principles of (3) Microeconomics
POL SCI 4 Bas Cnpt/Pol Thry	(4)	POLS 320 Introduction to (3) Political Theory
ANTHRO 2 Cultural Anthropology	(5)	ANTH 310 Cultural Anthropology (3)
OR		ANTH 313 Introduction to (3) Cultural Anthropology: Medical Focus
SOCIOL 1 Intro Sociology OR	(5)	SOC 300 Introductory Sociology (3)
SOCIOL 3 Social Problems	(4)	SOC 301 Social Problems (3)
CM&RGDE 1 The Community	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CM&RGDE 2 Ethnicity Amer Comm	(4)	
TRACK III: ECO MATH 16A Short Calculus		MATH 350Calculus for the Life (3)and Social Sciences I
MATH 16B Short Calculus	(3)	OR MATH 400 Calculus I (5) MATH 351 Calculus for Life and (3) Social Sciences II OR
		MATH 401 Calculus II (5)
SOCIOL 46B Intro Social Rsch OR	(5)	NO COMPARABLE COURSE
STATIST 13 Elementary Statistics Same as: STATIST 13Y	(4)	-
		VSYC 330 Introductory (3) Statistics for Behavioral Sciences OR
		ECON 310 Economic Statistics (3)
	(5)	CHEM 400 General Chemistry (5)
		BIOL 300 The Foundations of (3)

			Biology
			<u>OR</u> BIOL 307 Biology of Organisms (4) OR
			BIOL 310 General Biology (4)
PL SCI 2	Bot Physio Cul Plt	(4)	NO COMPARABLE COURSE
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 400 & Principles of Biology (5) BIOL 410 & Principles of Botany (5) BIOL 420 Principles of Zoology (5)
ENV S&P 1	OR Env Analysis	(4)	OR NO COMPARABLE COURSE
	OR Global Ecosystem ENV SC&M 30 OR	(3)	OR NO COMPARABLE COURSE
W&F BIO 10	-	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation OR
W&F BIO 51	-	(3)	BIOL 352 Conservation Biology (3)
FD S&T 1	Food Sci Principles	(3)	NO COMPARABLE COURSE
SOILSCI 10	Soils in Our Environment	(3)	HORT 302 Soils, Soil (3) Management, and Plant Nutrition Same as: PLTS 310
ECON 1A	Princ of Microecon	(4)	ECON 304 Principles of (3)
ECON 1B	Princ of Macroecon	(4)	MicroeconomicsECON 302Principles of(3)Macroeconomics
POL SCI 4	Bas Cnpt/Pol Thry	(4)	POLS 320 Introduction to (3) Political Theory
ANTHRO 2	Cultural Anthropology	(5)	ANTH 310 Cultural Anthropology (3) OR
			ANTH 313 Introduction to (3) Cultural Anthropology: Medical Focus
SOCIOL 1	OR Intro Sociology OR	(5)	OR SOC 300 Introductory Sociology (3) OR
SOCIOL 3	Social Problems	(4)	SOC 301 Social Problems (3)
CM&RGDE 1	The Community	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
d) PHILOS 1	4 Eth Soc Prob in Soc OR	(4)	PHIL 310 Introduction to Ethics (3)
PHILOS 15		(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation OR
PHILOS 24	Intro to Ethics	(4)	PHIL 310 Introduction to Ethics (3)
			PHIL 360 Social/Political (3) Philosophy

END OF MAJOR

d) Students who complete PHIL 310 at Cosumnes River College will receive credit at UC Davis for PHILOS 14 or 24, not both

====Sustainable Environmental Design B.S.==== Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <u>transfer admission website</u>. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College of Agricultural and Environmental Sciences (A&ES) General Education (GE) English Composition Requirement for the Bachelor's Degree:

The College of A&ES English Composition requirement for the Bachelor's degree is an element of the UC Davis General Education (GE) pattern. This GE requirement may be satisfied by completing either two courses emphasizing written expression OR one course emphasizing written expression and one course emphasizing oral expression, with a grade of C- (or P) or better. The following UC Davis lower-division courses are among those that have been approved to satisfy this requirement: English 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (emphasis in either writing or speaking skills). The English Composition requirement may also be met by achieving a score of 4 or 5 on the Advanced Placement (AP) English examination PLUS completing any previously listed course, EXCEPT English 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC transfer students who have successfully completed the IGETC lower-division coursework are exempt from all GE requirements that may be met with lower-division courses. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer admission. See the U<u>C Transfer Admission website</u>. The courses used for the A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 $\underline{General \ Catalog}$. Quick reference charts for \underline{AP} and \underline{IB} are also available from our TAG website.

_____ COMUNCN 1 Intro Public Spkg (4) COMM 301 Introduction to Public (3) Speaking _____ (4) ENGWR 301 College Composition (3) ENGLISH 3 Intro to Lit and Literature OR OR (4) ENGWR 300 College Composition (3) UWRITING 1 Expository Writing OR OR UWRITING 48 Style in the Essay (4) | ENGWR 302 Advanced Composition (3) Formerly UWRITING 18 and Critical Thinking OR OR UWRITING 49 Writing Research Papers (4) NO COMPARABLE COURSE Formerly UWRITING 19 _____ BIOLSCI 2B Intro Biology: Ecology (5) BIOL 400 & Principles of Biology (5) BIOL 410 & Principles of Botany & Evolution (5) BIOL 420 Principles of Zoology (5) _____ ALL OF THE FOLLOWING COURSES: LND ARC 1 Intro Environ Design (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation LND ARC 2 Place, Culture, Community (4) NO COMPARABLE COURSE LND ARC 3 Sustainable Development (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation LND ARC 21 Landscape Rep I (4) NO COMPARABLE COURSE Formerly Design Visualization LND ARC 30History Environ Design(4) | NO COMPARABLE COURSELND ARC 50Site Ecology(4) | NO COMPARABLE COURSELND ARC 70Intro to Spacemaking(4) | NO COMPARABLE COURSE _____ AND ONE COURSE IN A PHYSICAL SCIENCE _____

END OF MAJOR

===Textiles and Clothing B.S. (Marketing/Economics)==== <u>IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:</u> The undergraduate major Textiles and Clothing in the College of Agricultural and Environmental Sciences is suspended for 2019-20, and fall 2019 TAGs will not be available.

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is <u>highly recommended</u> that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. See the UC Transfer Admission website for details. UC Davis requires that students complete the minimum transfer admission requirement by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College of Agricultural and Environmental Sciences (A&ES) General Education (GE) English Composition Requirement for the Bachelor's Degree:

The College of A&ES English Composition requirement for the Bachelor's degree is an element of the UC Davis General Education (GE) pattern. This GE requirement may be satisfied by completing either two courses emphasizing written expression OR one course emphasizing written expression and one course emphasizing oral expression, with a grade of C- (or P) or better. The following UC Davis lower-division courses are among those that have been approved to satisfy this requirement: English 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (emphasis in either writing or speaking skills). The English Composition requirement may also be met by achieving a score of 4 or 5 on the Advanced Placement (AP) English examination PLUS completing any previously listed course, EXCEPT English 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC transfer students who have successfully completed the IGETC lower-division coursework are exempt from all GE requirements that may be met with lower-division courses. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer admission. See the UC Transfer Admission website. The courses used for the

A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

			_
PL SCI 21 Computers in Technology	(3) AGB 310 	Agriculture Computer (3 Application)
OR		OR	
B) ENG CS 15 Intro to Computers	(4) CISC 310 	Introduction to (3 Computer Information Science)
OR		OR	
ENG CS 36A Programming Formerly ENG CS 30	(4) CISP 360 	Introduction to (4 Structured Programming)

Please note that the community college's computer science courses may not be identical to UC Davis courses. Community college students, upon transfer to UC Davis, may need to make up any topic or language deficiencies.

ECON 1A ECON 1B	Princ of Microecon Princ of Macroecon	(4) ECON 304 (4) ECON 302	Principles of Microeconomics Principles of	(3)
		· · ·	Macroeconomics	

4 QUARTER UNITS FROM THE FOLLOWING:

ANTHRO 2	Cultural Anthropology	(5) ANTH 310 OR	Cultural Anthropology (3)
		ANTH 313	Cultural Anthropology: Medical Focus
	OR		OR
SCI&SOC 1	Critical Inquiry into Contemporary Issues	(4) NO COMPAR. 	ABLE COURSE
	OR		OR
ARTHI 1A	Ancient Mediterranean Art	(4) ARTH 303 	Art Survey: Ancient to (3) 14th Century
	OR		OR
ARTHI 1B	Mediev&Renaiss Art	(4) ARTH 309 	Renaissance to 19th Century
	OR		OR
ARTHI IC	Baroque to Modern Art OR	(4) ARTH 311 	Art Survey: Modern Art (3) OR
ARTHI 1D	Arts of Asia	(4) ARTH 332	Asian Art (3)
	ALL OF THE F	OLLOWING COURS	======================================
PHYSICS 1A			
PHYSICS 10	Topics, Nonscientists	(4) PHYS 310	Conceptual Physics (3)

SOCIOL 2 Self and Society	
	(4) NO COMPARABLE COURSE
STATIST 13 Elementary Statistic Same as: STATIST 13Y	cs (4) STAT 300 Introduction to (4 Probability and Statistics OR
	PSYC 330 Introductory (3 Statistics for Behavioral Sciences OR
	ECON 310 Economic Statistics (3
TEX&CL 6 Intro Textiles TEX&CL 7 Style & Cult Std TEX&CL 8 Textile Apparel Ind	(4) NO COMPARABLE COURSE (4) NO COMPARABLE COURSE (4) NO COMPARABLE COURSE
MGMT 11A Elem Accounting MGMT 11B Elem Accounting	(4) ACCT 301 Financial Accounting (4 (4) ACCT 311 Managerial Accounting (4
CHEM 10 Concept of Chem OR	(4) NO COMPARABLE COURSE
CHEM 2A Genl Chemistry	(5) CHEM 400 General Chemistry (5
MATH 16A Short Calculus	(3) MATH 350 Calculus for the Life (3 and Social Sciences I
MATH 16B Short Calculus	OR MATH 400 Calculus I (5 (3) MATH 351 Calculus for Life and (3 Social Sciences II OR
	MATH 401 Calculus II (5

RESTRICTED ELECTIVES (12 QUARTER UNITS):

AGRESEC 18	Business Law	(4)	BUS 340	Business Law	(3)
DESIGN 77	Intro to Fashion Design	(4)	NO COMPARA	BLE COURSE	
MATH 16C	Short Calculus	(3)	MATH 351	Calculus for Life and	(3)
				Social Sciences II	
			OR		
			MATH 401	Calculus II	(5)
Foreign lan units.	guage units may be used to	o sat	isfy any or	all of the required 12	

END OF MAJOR

B) UCD ENG CS 15 not intended for Computer Science or Computer Science Engineering majors. Only two units of credit allowed to students who have completed PLT SCI 21.

===Textiles and Clothing B.S. (Textile Science)==== <u>IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:</u> The undergraduate major Textiles and Clothing in the College of Agricultural and Environmental Sciences is suspended for 2019-20, and fall 2019 TAGs will not be available.

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses

as possible for their major before enrolling at UC Davis. In particular, it is <u>highly recommended</u> that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. See the 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 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

PL SCI 21 Computers in Technology (3) AGB 310 Agriculture Computer (3) OR OR OR B) ENG CS 15 Intro to Computers (4) CISC 310 Introduction to (3) Computer Information Science OR OR

ENG CS 36A Programming
Formerly ENG CS 30(4)CISP 360Introduction to(4)Structured Programming

Please note that the community college's computer science courses may not be identical to UC Davis courses. Community college students, upon transfer to UC Davis, may need to make up any topic or language deficiencies.

ECON 1A	Princ of Microecon	(4) ECON 304	Principles of Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4) ECON 302	Principles of Macroeconomics	(3)

4 QUARTER UNITS FROM THE FOLLOWING:

ANTHRO 2	Cultural Anthropology	(5)	ANTH 310	Cultural Anthropology ((3)
			ANTH 313 	Cultural Anthropology: Medical Focus	(3)
	OR			OR	
SCI&SOC 1	Critical Inquiry into Contemporary Issues	(4)	NO COMPARAE 	LE COURSE	
	OR			OR	
ARTHI 1A		(4)	ARTH 303 	14th Century	(3)
	OR			OR	
ARTHI 1B	Mediev&Renaiss Art	(4)	ARTH 309 	Art Survey: (Renaissance to 19th Century	(3)
	OR			OR	
ARTHI 1C	Baroque to Modern Art OR	(4)	ARTH 311 	Art Survey: Modern Art (OR	(3)
ARTHI 1D	Arts of Asia	(4)	ARTH 332	Asian Art ((3)
	ALL OF THE FO	OLLO	WING COURSES	:	
PHYSICS 1A	Principles Physics	(3)	NO COMPARAE	LE COURSE	
	OR			OR	
PHYSICS 10	Topics,Nonscientists	(4)	PHYS 310 	Conceptual Physics ((3)

PSYCH 1	General Psychology	(4)	PSYC 300	General Principles	(3)
SOCIOL 2	Self and Society	(4)	NO COMPARABI	LE COURSE	
	Elementary Statistics : STATIST 13Y	(4)	STAT 300 	Introduction to Probability and Statistics	(4)
			<u>OR</u> PSYC 330 <u>OR</u>	Introductory Statistics for Behavioral Sciences	(3)
			ECON 310	Economic Statistics	(3)
TEX&CL 6 TEX&CL 7 TEX&CL 8		(4)	NO COMPARABI	LE COURSE	
CHEM 2A CHEM 2B	-	(5) (5)	CHEM 400 &	General Chemistry General Chemistry General Chemistry	(5) (5) (5)
CHEM 8A CHEM 8B	5		NO COMPARABI		
MATH 16A	Short Calculus	(3)		Calculus for the Life and Social Sciences I	(3)
			<u>OR</u> MATH 400	Calculus I	(5)
	RESTRICTED ELECTIVES	(16	QUARTER UNI	гс):	
AGRESEC 18		(4)	BUS 340 1	Business Law	(3)
CHEM 2C	Genl Chemistry			General Chemistry	(5)
CHEM 128A	Organic Chemistry	(3)	·	Organic Chemistry	(5)
			CHEM 421	Organic Chemistry	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 420 &	Organic Chemistry	(5)
augu 100a		(2)	CHEM 421	Organic Chemistry	(5)
CHEM 128C	Organic Chemistry	(3)	CHEM 420 <u>&</u> CHEM 421	Organic Chemistry Organic Chemistry	(5) (5)
DESIGN 77	Intro to Fashion Design	(4)	NO COMPARABI		(5)
MGMT 11A	Elem Accounting			Financial Accounting	(4)
					(- /
	-			Managerial Accounting	(4)
MGMT 11A MGMT 11B MATH 16B	Elem Accounting Short Calculus	(4)	ACCT 311 MATH 351 	Managerial Accounting Calculus for Life and Social Sciences II	(4) (3)
MGMT 11B	Elem Accounting	(4)	ACCT 311 MATH 351 <u>OR</u>	Calculus for Life and Social Sciences II	(3)
MGMT 11B MATH 16B	Elem Accounting Short Calculus	(4) (3)	ACCT 311 MATH 351 <u>OR</u> MATH 401	Calculus for Life and Social Sciences II Calculus II	(3)
MGMT 11B	Elem Accounting	(4) (3)	ACCT 311 MATH 351 MATH 401 MATH 351	Calculus for Life and Social Sciences II	(3)
MGMT 11B MATH 16B	Elem Accounting Short Calculus	(4) (3)	ACCT 311 MATH 351 MATH 401 MATH 351 MATH 351	Calculus for Life and Social Sciences II Calculus II Calculus for Life and Social Sciences II	(3) (5) (3)
MGMT 11B MATH 16B MATH 16C	Elem Accounting Short Calculus Short Calculus	(4) (3) (3)	ACCT 311 MATH 351 MATH 401 MATH 351 <u>OR</u> MATH 401	Calculus for Life and Social Sciences II Calculus II Calculus for Life and Social Sciences II Calculus II	(3)
MGMT 11B MATH 16B MATH 16C SOCIOL 25	Elem Accounting Short Calculus Short Calculus	(4) (3) (3)	ACCT 311 MATH 351 MATH 401 MATH 401 MATH 351 <u>OR</u> MATH 401 NO COMPARABI	Calculus for Life and Social Sciences II Calculus II Calculus for Life and Social Sciences II Calculus II LE COURSE	(3) (5) (3)

B) UCD ENG CS 15 not intended for Computer Science or Computer Science Engineering majors. Only two units of credit allowed to students who have completed PLT SCI 21. Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation.

Transfer students must also meet UC transfer admission requirements. For details, see the UC Davis <u>transfer admission webpage</u>. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration, it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

All students completing a major in theatre and dance must participate in dramatic productions, including work in at least two of the following three areas: acting/dance; design (scenic, costume, lighting, painting, props, sound); directing/playwriting/stage management and crew assignments. Transfer students should see the major advisor at UC Davis for an evaluation of their previous experience.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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 http://llc.ucdavis.edu/foreign-language-placement-exams and check with your llc.ucdavis.edu/foreign-language-placement-exams and check with your http://llc.ucdavis.edu/foreign-language-placement-exams and check with your

UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

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 COMPARABLE COURSE	
DRAMART 40A	Beg Modern Dance	(2) DANCE 330 Modern Dance I	(1)

DRAMART 40B DRAMART 42A DRAMART 42B	Int Modern Dance Beg Ballet Inter Ballet	 (2) NO COMPARABLE COURSE (2) DANCE 320 Ballet I (2) NO COURSE ARTICULATED: College has submitted course(s) for articulation 	
	ALL OF THE F	DLLOWING COURSES:	
DRAMART 28	Stagecraft & Management	(4) NO COURSE ARTICULATED: College has	
	Cant Theature Danse Dansf	submitted course(s)for articulatio	
DRAMART 55	Cont Theatre Dance Perf	<pre>(4) NO COURSE ARTICULATED: College has</pre>	
DRAMART 56A	Hist Theatre Dance I	(4) NO COURSE ARTICULATED: College has	
		submitted course(s)for articulatio	n
DRAMART 56B	Hist Theatre Dance II	(4) NO COURSE ARTICULATED: College has	
		submited course(s) for articulation	
DRAMART 56C	Hist Theatre Dance III		
		submited course(s)for articulation	L

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 U<u>C Transfer Admission website</u>. The courses used for the A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ are also available from our TAG website.

BIOLSCI 2A	Intro Biology:Life on Earth	(5) BIOL 400 Principles of Biology (5)
PL SCI 2	OR Bot Physio Cul Plt	OR (4) NO COMPARABLE COURSE
CHEM 2A CHEM 2B CHEM 2C	Genl Chemistry Genl Chemistry Genl Chemistry	(5) CHEM 400General Chemistry(5)(5) CHEM 400General Chemistry(5)CHEM 401General Chemistry(5)(5) CHEM 401General Chemistry(5)
CHEM 8A CHEM 8B	Organic Chem-Brief Organic Chem-Brief	(2) NO COMPARABLE COURSE (4) NO COMPARABLE COURSE
PL SCI 21	Computers in Technology	(3) AGB 310 Agriculture Computer (3) Application

OR EQUIVALENT AND advisor APPROVAL

_____ (3) MATH 350 Calculus for the Life (3) MATH 16A Short Calculus and Social Sciences I OR MATH 400 Calculus I (5) (3) MATH 351 Calculus for Life and (3) MATH 16B Short Calculus Social Sciences II OR MATH 401 Calculus II (5) -----(3) NO COMPARABLE COURSE PHYSICS 1A Principles Physics AND AND PHYSICS 1B Principles Physics (3) NO COMPARABLE COURSE OR OR PHYSICS 7A General Physics (4) PHYS 350 & General Physics (4) PHYS 360 General Physics (4) OR PHYS 370 & Introductory Physics - (5) Mechanics and Thermodynamics PHYS 380 Introductory Physics - (5) Electricity and Magnetism, Light and Modern Physics It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics. _____ (2) PLTS 320 Viticulture and VIT-ENO 2 Intro to Viticult (3) Enology VIT-ENO 3 Intro Winemaking (3) NO COMPARABLE COURSE

END OF MAJOR

====Wildlife, Fish and Conservation Biology B.S.==== Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is <u>highly recommended</u> that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. See the U<u>C Transfer Admission website</u> for details. UC Davis requires that students complete the minimum transfer admission requirement by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

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CCC transfer students who have successfully completed the IGETC lower-division coursework are exempt from all GE requirements that may be met with lower-division courses. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer admission. See the U<u>C Transfer Admission website</u>. The courses used for the A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note: 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. _____ UWRITING 1 Expository Writing (4) ENGWR 300 College Composition (3) AND AND COMUNCN 1 Intro Public Spkg (4) COMM 301 Introduction to Public (3) Speaking OR OR COMUNCN 3 Intprsnl Com Cmpetnce (4) COMM 321 Interpersonal (3) Communication OR OR DRAMART 10 Intro To Acting (4) TA 350 & Theory and Techniques of (3) Acting I TA 351 Theory and Techniques of (3) Acting II Note: Completing UWP 1 and Communication 1 will simultaneously satisfy the College requirements. _____ BIOLSCI 2A Intro Biology:Life on (5) | BIOL 400 Principles of Biology (5) Earth BIOLSCI 2B Intro Biology: Ecology (5) BIOL 400 & Principles of Biology (5) & Evolution |BIOL 410 & Principles of Botany (5) |BIOL 420 Principles of Zoology (5) BIOL 420 Principles of Zoology (5) BIOLSCI 2C Intro Biology: (5)|BIOL 410 & Principles of Botany (5) Biodiversity & the Tree |BIOL 420 Principles of Zoology (5) of Life _____ CHEM 2A
CHEM 2BGenl Chemistry(5)CHEM 400
(5)General Chemistry(5)CHEM 2BGenl Chemistry(5)CHEM 400
(5)Chemistry(5)CHEM 8AOrganic Chem-Brief(2)NO COMPARABLE COURSE(5)CHEM 8BOrganic Chem-Brief(4)NO COMPARABLE COURSE(5) _____ MATH 16A Short Calculus (3) | MATH 350 Calculus for the Life (3) and Social Sciences I OR MATH 400 Calculus I (5)MATH 16B Short Calculus (3) MATH 351 Calculus for Life and (3) Social Sciences II OR MATH 401 Calculus II (5) _____

 PHYSICS 1A
 Principles Physics
 (3) | NO COMPARABLE COURSE

 PHYSICS 1B
 Principles Physics
 (3) | NO COMPARABLE COURSE

ONE COURSE FROM THE FOLLOWING (3-4 QUARTER UNITS):

W&F BIO 50Calif Wild Vertebratessubmitted course(s) for articulationW&F BIO 51Intro to Conservation Biology(3)BIOL 352Conservation Biology(3)RECOMMENDED COURSES FOR THE WILDLIFE HEALTH AREA OF SPECIALIZATION:CHEM 2CGenl Chemistry(5)CHEM 401General Chemistry(5)CHEM 118AOrg Chem, Hlth & Sci(4)CHEM 420 $\underline{\bullet}$ Organic Chemistry(5)CHEM 118BOrg Chem, Hlth & Sci(4)CHEM 420 $\underline{\bullet}$ Organic Chemistry(5)CHEM 118COrg Chem, Hlth & Sci(4)CHEM 420 $\underline{\bullet}$ Organic Chemistry(5)CHEM 118COrg Chem, Hlth & Sci(4)CHEM 420 $\underline{\bullet}$ Organic Chemistry(5)CHEM 118COrg Chem, Hlth & Sci(4)CHEM 420 $\underline{\bullet}$ Organic Chemistry(5)PHYSICS 7AGeneral Physics(4)PHYS 350 $\underline{\bullet}$ General Physics(4)PHYS 370 $\underline{\bullet}$ Introductory Physics - (5)Mechanics and ThermodynamicsThermodynamics(5)PHYS 380Introductory Physics - (5)Electricity andMechanics and Thermodynamics(5)
W&F BIO 51 Intro to Conservation Biology (3) BIOL 352 Conservation Biology (3) RECOMMENDED COURSES FOR THE WILDLIFE HEALTH AREA OF SPECIALIZATION: CHEM 2C Genl Chemistry (5) CHEM 401 General Chemistry (5) CHEM 118A Org Chem, Hlth & Sci (4) CHEM 420 & Organic Chemistry (5) CHEM 118B Org Chem, Hlth & Sci (4) CHEM 420 & Organic Chemistry (5) CHEM 118C Org Chem, Hlth & Sci (4) CHEM 420 & Organic Chemistry (5) CHEM 118C Org Chem, Hlth & Sci (4) CHEM 420 & Organic Chemistry (5) CHEM 118C Org Chem, Hlth & Sci (4) CHEM 420 & Organic Chemistry (5) CHEM 118C Org Chem, Hlth & Sci (4) CHEM 420 & Organic Chemistry (5) PHYSICS 7A General Physics (4) PHYS 350 & General Physics (4) PHYS 370 M Introductory Physics - (5) Mechanics and Thermodynamics (5) PHYS 380 Introductory Physics - (5) Electricity and (5)
CHEM 2C Genl Chemistry CHEM 118A Org Chem, Hlth & Sci CHEM 118B Org Chem, Hlth & Sci CHEM 118B Org Chem, Hlth & Sci CHEM 118C Org Chem, Hlth & Sci CHEM 118C Org Chem, Hlth & Sci CHEM 118C Org Chem, Hlth & Sci CHEM 118C Org Chem, Hlth & Sci CHEM 118C Org Chem, Hlth & Sci CHEM 118C Org Chem, Hlth & Sci CHEM 421 Organic Chemistry (5) CHEM 4
CHEM 118A Org Chem, Hlth & Sci (4) CHEM 420 & Organic Chemistry (5) CHEM 118B Org Chem, Hlth & Sci (4) CHEM 420 & Organic Chemistry (5) CHEM 118C Org Chem, Hlth & Sci (4) CHEM 420 & Organic Chemistry (5) CHEM 118C Org Chem, Hlth & Sci (4) CHEM 420 & Organic Chemistry (5) CHEM 421 Organic Chemistry (5) CHEM 421 Organic Chemistry (5) PHYSICS 7A General Physics (4) PHYS 360 & General Physics (4) PHYS 370 & Introductory Physics - (5) Mechanics and Thermodynamics PHYS 380 Introductory Physics - (5) Electricity and
CHEM 118B Org Chem, Hlth & Sci (4) CHEM 421 Organic Chemistry (5) CHEM 118C Org Chem, Hlth & Sci (4) CHEM 420 & Organic Chemistry (5) CHEM 118C Org Chem, Hlth & Sci (4) CHEM 420 & Organic Chemistry (5) PHYSICS 7A General Physics (4) PHYS 350 & General Physics (4) PHYS 360 General Physics (4) PHYS 370 & Introductory Physics - (5) Mechanics and Thermodynamics PHYS 380 Introductory Physics - (5) Electricity and
CHEM 118B Org Chem, Hlth & Sci (4) CHEM 420 & Organic Chemistry (5) CHEM 118C Org Chem, Hlth & Sci (4) CHEM 420 & Organic Chemistry (5) CHEM 118C Org Chem, Hlth & Sci (4) CHEM 420 & Organic Chemistry (5) PHYSICS 7A General Physics (4) PHYS 360 General Physics (4) PHYS 360 General Physics (4) OR PHYS 370 & Introductory Physics - (5) Mechanics and Thermodynamics PHYS 380 Introductory Physics - (5) Electricity and
CHEM 118C Org Chem, Hlth & Sci (4) CHEM 421 Organic Chemistry (5) CHEM 118C Org Chem, Hlth & Sci (4) CHEM 420 & Organic Chemistry (5) PHYSICS 7A General Physics (4) PHYS 360 General Physics (4) PHYS 360 General Physics (4) OR PHYS 370 & Introductory Physics - (5) Mechanics and Thermodynamics PHYS 380 Introductory Physics - (5) Electricity and
CHEM 118C Org Chem, Hlth & Sci (4) CHEM 420 & Organic Chemistry (5) PHYSICS 7A General Physics (4) PHYS 350 & General Physics (4) PHYS 360 Beneral Physics (4) PHYS 370 & Introductory Physics - (5) Mechanics and Thermodynamics PHYS 380 Introductory Physics - (5) Electricity and
PHYSICS 7A General Physics (4) PHYS 350 & General Physics (4) PHYS 360 General Physics (4) PHYS 360 General Physics (4) OR PHYS 370 & Introductory Physics - (5) Mechanics and Thermodynamics PHYS 380 Introductory Physics - (5) Electricity and Electricity and
PHYSICS 7A General Physics (4) PHYS 350 & General Physics (4) PHYS 360 OR PHYS 370 & Introductory Physics - (5) Mechanics and Thermodynamics PHYS 380 Introductory Physics - (5) Electricity and
PHYS 360 General Physics (4) OR PHYS 370 & Introductory Physics - (5) Mechanics and Thermodynamics PHYS 380 Introductory Physics - (5) Electricity and
OR PHYS 370 &Introductory Physics - (5) Mechanics and ThermodynamicsPHYS 380Introductory Physics - (5) Electricity and
PHYS 370 &Introductory Physics - (5)Mechanics andThermodynamicsPHYS 380Introductory Physics - (5)Electricity and
Mechanics and Thermodynamics PHYS 380 Introductory Physics - (5) Electricity and
PHYS 380 Introductory Physics - (5) Electricity and
Magnetism, Light and
Modern Physics
PHYSICS 7B General Physics (4) PHYS 350 & General Physics (4)
PHYS 360 General Physics (4)
OR
PHYS 370 & Introductory Physics - (5)
Mechanics and
Thermodynamics
PHYS 380 Introductory Physics - (5)
Electricity and
Magnetism, Light and
Modern Physics
PHYSICS 7C General Physics (4) PHYS 350 & General Physics (4)
PHYS 360 General Physics (4)
OR
PHYS 370 & Introductory Physics - (5)
Mechanics and
Thermodynamics
PHYS 380 Introductory Physics - (5)
Electricity and
Magnetism, Light and
Magnetism, hight and Modern Physics

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/

(5)

MATH 21B	Calculus	(4)	MATH	401	C	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH	402	C	Calculus III	(5)
MATH 21D	Vector Analysis	(4)	МАТН	402	C	Calculus III	(5)
MATH 22A	Linear Algebra	(3)	MATH 	410		Introduction to Linear Algebra	(3)
MATH 22B	Differntl Equations	(3)	MATH	420	I	Differential Equations	(4)
CHEM 2A	Genl Chemistry	(5)	CHEM	400	0	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM CHEM			General Chemistry General Chemistry	(5) (5)
CHEM 2C	Genl Chemistry	(5)	CHEM	401		General Chemistry	(5)
CHEM 8A	Organic Chem-Brief	(2)	NO CO	OMPAR	RABLE	COURSE	
CHEM 8B	Organic Chem-Brief	(4)	NO CO	OMPAR	RABLE	COURSE	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM CHEM			Organic Chemistry Organic Chemistry	(5) (5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM CHEM			Organic Chemistry Organic Chemistry	(5) (5)
CHEM 128A	Organic Chemistry	(3)	CHEM CHEM			Organic Chemistry Organic Chemistry	(5) (5)
CHEM 128B	Organic Chemistry	(3)	CHEM CHEM			Organic Chemistry Organic Chemistry	(5) (5)
CHEM 129A	Organic Chem Lab	(2)	CHEM CHEM			Organic Chemistry Organic Chemistry	(5) (5)
PHYSICS 9A	Classical Physics	(5)	PHYS 	411		Mechanics of Solids and Fluids	(4)
PHYSICS 9B	Classical Physics	(5)	PHYS 	431	Ν	leat, Waves, Light and Modern Physics	(4)
	Classical Physics		PHYS 		E		
	Modern Physics	(4)	NO CO				
BIMEDEN 20			NO C(COURSE	
	Graphics in Design			312			
ENGIN 6	Engr Prob Solving	(4)			RABLE	E COURSE	
	Circuits I	(4)	İ	400	E	Introduction to Electrical Circuits and Devices	
ENGIN 35	Statics			420	 S	Statics	(3)

ENGIN 45	Prop of Mats	(4)	ENGR 412 Properties of (3 Materials
ENG CS 20	C Sci/Discrete Math	(4)	CISP 440 Discrete Structures (3 for Computer Science
	Programming ENG CS 30	(4)	CISP 360 Introduction to (4 Structured Programming
ENG CS 36B Formerly	Object-Oriented Program ENG CS 40	(4)	CISP 400 Object Oriented (4 Programming with C++
			CISP 401 Object Oriented (4 Programming with JAVA
ENG CS 50	Machine Dependent Prog	(4)	CISP 310 Assembly Language (4 Programming on Microcomputers
	Data Structures ly ENG CS 60	(4)	CISP 430 Data Structures (4
ENG BS 1	Biosys Engr Fndts	(4)	NO COMPARABLE COURSE
ENG BS 75	Prop Mat in Bio Sys	(4)	NO COMPARABLE COURSE
ENG MEC 50	Mfg Processes	(4)	NO COMPARABLE COURSE
ENG CHM 51	Material Balances	(4)	NO COMPARABLE COURSE
ENG CHM 60	Engineering Problem Solv	(4)	NO COURSE ARTICULATED
ENG CHM 80	Chem Engr Profession	(1)	NO COMPARABLE COURSE
ENG E&C 7	Prog & Microcontrollers	(4)	NO COURSE ARTICULATED
UWRITING 1	Expository Writing	(4)	ENGWR 300 College Composition (3
	Intro to Lit	(4)	ENGWR 301 College Composition (3 and Literature
COMUNCN 1		(4)	COMM 301 Introduction to Public (3 Speaking
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	COMM 321 Interpersonal (3 Communication
BIOLSCI 2A	Intro Biology:Life on	(5)	BIOL 400 Principles of Biology (5
BIOLSCI 2B		(5)	BIOL 400 & Principles of Biology(5BIOL 410 & Principles of Botany(5BIOL 420Principles of Zoology(5
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 410 <u>&</u> Principles of Botany (5 BIOL 420 Principles of Zoology (5
i) GEOLOGY	50 Physical Geology	(3)	GEOL 300 Physical Geology (3
	Intro to Atmospheric		

END OF MAJOR

i) If a student takes GEOL 300 at Cosumnes River College, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.
